

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072023\
 Data File : VN078588.D
 Acq On : 20 Jul 2023 12:33
 Operator : JC\MD
 Sample : VN0720WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0720WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/21/2023
 Supervised By : Mahesh Dadoda 07/21/2023

Quant Time: Jul 21 06:09:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.236	168	427354	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	731154	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	648712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	247523	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	293327	51.199	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.400%			
35) Dibromofluoromethane	8.177	113	258869	52.157	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.320%			
50) Toluene-d8	10.571	98	916063	48.857	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.720%			
62) 4-Bromofluorobenzene	12.853	95	275967	47.784	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.560%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	84836	16.191	ug/l	98
3) Chloromethane	2.371	50	104277	18.310	ug/l	94
4) Vinyl Chloride	2.518	62	145459	19.745	ug/l	100
5) Bromomethane	2.954	94	96052	17.368	ug/l	100
6) Chloroethane	3.124	64	83223	17.423	ug/l	98
7) Trichlorofluoromethane	3.501	101	166620	18.920	ug/l	94
8) Diethyl Ether	3.971	74	59698	20.346	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.377	101	86256	18.503	ug/l	94
10) Methyl Iodide	4.601	142	123697	19.310	ug/l	92
11) Tert butyl alcohol	5.536	59	89307	101.089	ug/l	99
12) 1,1-Dichloroethene	4.353	96	83958	18.619	ug/l	97
13) Acrolein	4.189	56	87348	100.493	ug/l	96
14) Allyl chloride	5.036	41	114885	18.645	ug/l	93
15) Acrylonitrile	5.736	53	225669	101.100	ug/l	99
16) Acetone	4.442	43	177266	99.329	ug/l	99
17) Carbon Disulfide	4.718	76	199173	15.275	ug/l	99
18) Methyl Acetate	5.036	43	156674	20.739	ug/l	88
19) Methyl tert-butyl Ether	5.806	73	301500	20.293	ug/l	98
20) Methylene Chloride	5.289	84	103767	19.526	ug/l #	85
21) trans-1,2-Dichloroethene	5.795	96	93882	18.475	ug/l	92
22) Diisopropyl ether	6.683	45	292252	21.182	ug/l	94
23) Vinyl Acetate	6.612	43	897921	102.370	ug/l #	91
24) 1,1-Dichloroethane	6.571	63	185892	19.995	ug/l	95
25) 2-Butanone	7.494	43	289643	103.104	ug/l	88
26) 2,2-Dichloropropane	7.500	77	146295	19.239	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	116810	19.871	ug/l	92
28) Bromochloromethane	7.824	49	95822	21.883	ug/l	90
29) Tetrahydrofuran	7.847	42	184028	99.834	ug/l #	83
30) Chloroform	7.971	83	202639	20.936	ug/l	96
31) Cyclohexane	8.265	56	138780	17.924	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	168766	19.448	ug/l	96
36) 1,1-Dichloropropene	8.377	75	138564	19.335	ug/l	96
37) Ethyl Acetate	7.571	43	117646	19.693	ug/l #	94
38) Carbon Tetrachloride	8.365	117	154616	19.851	ug/l	94
39) Methylcyclohexane	9.606	83	120492	18.419	ug/l	89
40) Benzene	8.618	78	414517	19.524	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	62142	20.404	ug/l	91
42) 1,2-Dichloroethane	8.671	62	155188	21.489	ug/l	98
43) Isopropyl Acetate	8.694	43	208798	21.228	ug/l	95
44) Trichloroethene	9.359	130	109912	19.208	ug/l	97
45) 1,2-Dichloropropane	9.630	63	111997	20.827	ug/l	98
46) Dibromomethane	9.712	93	82035	21.675	ug/l	96
47) Bromodichloromethane	9.894	83	158490	20.890	ug/l	94
48) Methyl methacrylate	9.683	41	93469	20.512	ug/l	89
49) 1,4-Dioxane	9.700	88	38619	388.619	ug/l #	92
51) 4-Methyl-2-Pentanone	10.453	43	621649	106.258	ug/l	93
52) Toluene	10.635	92	265909	20.208	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	162415	20.896	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	172181	20.782	ug/l	94
55) 1,1,2-Trichloroethane	11.024	97	114679	22.120	ug/l	92
56) Ethyl methacrylate	10.877	69	151937	20.965	ug/l	90
57) 1,3-Dichloropropane	11.171	76	183329	20.797	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	241894	93.657	ug/l	92
59) 2-Hexanone	11.200	43	430967	103.649	ug/l	91
60) Dibromochloromethane	11.365	129	121705	21.264	ug/l	97
61) 1,2-Dibromoethane	11.477	107	110043	20.605	ug/l	99
64) Tetrachloroethene	11.106	164	95747	19.632	ug/l	95
65) Chlorobenzene	11.900	112	282669	19.494	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	115042	20.623	ug/l	96
67) Ethyl Benzene	11.971	91	482999	19.706	ug/l	96
68) m/p-Xylenes	12.076	106	360639	39.796	ug/l	98
69) o-Xylene	12.400	106	178333	19.483	ug/l	99
70) Styrene	12.418	104	285646	19.947	ug/l	98
71) Bromoform	12.582	173	76980	20.376	ug/l #	100
73) Isopropylbenzene	12.700	105	437257	18.800	ug/l	98
74) N-amyl acetate	12.500	43	154940	19.331	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	155671	22.244	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	123888m	20.707	ug/l	
77) Bromobenzene	12.988	156	107169	20.270	ug/l	98
78) n-propylbenzene	13.041	91	484741	19.488	ug/l	98
79) 2-Chlorotoluene	13.129	91	311623	19.127	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	361190	19.655	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.747	75	42094	18.488	ug/l	90
82) 4-Chlorotoluene	13.223	91	293586	19.317	ug/l	98
83) tert-Butylbenzene	13.441	119	304602	19.523	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	351673	19.701	ug/l	99
85) sec-Butylbenzene	13.623	105	379037	19.220	ug/l	100
86) p-Isopropyltoluene	13.735	119	305479	19.291	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	174697	19.566	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	169336	18.829	ug/l	98
89) n-Butylbenzene	14.059	91	219761	19.396	ug/l	97
90) Hexachloroethane	14.341	117	62008	20.829	ug/l	85
91) 1,2-Dichlorobenzene	14.112	146	177231	19.946	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	23875	20.302	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	42882	15.121	ug/l	92
94) Hexachlorobutadiene	15.506	225	33776	20.588	ug/l	94
95) Naphthalene	15.641	128	127394	13.140	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	51619	15.830	ug/l	97

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Manual Integrations
APPROVED

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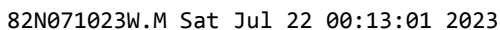
Quant Time: Jul 21 06:09:40 2023
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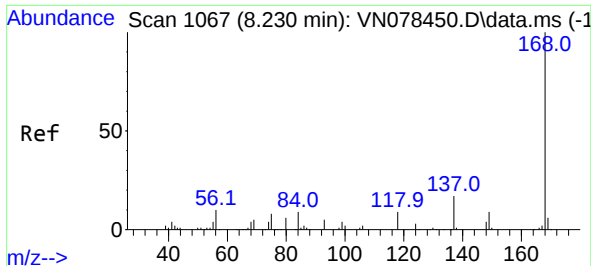
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

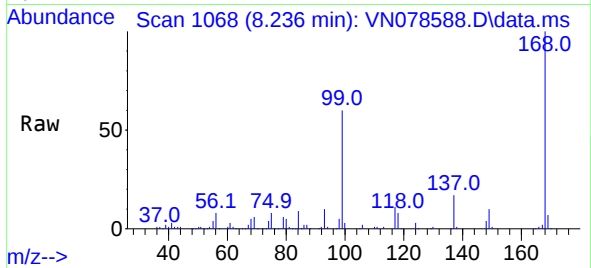
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

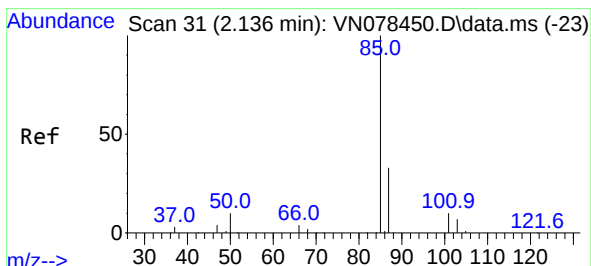
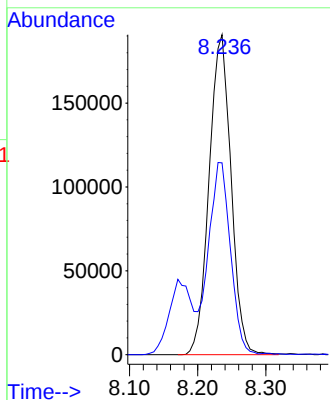
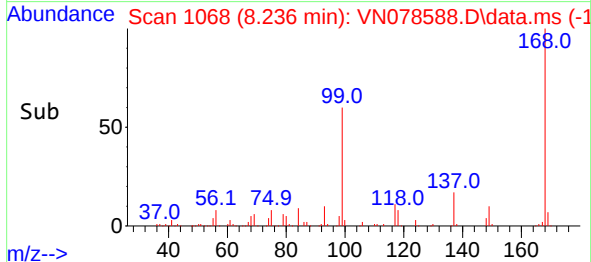
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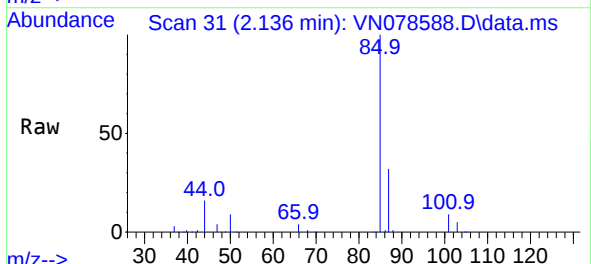
Tgt Ion:168 Resp: 427354
Ion Ratio Lower Upper
168 100
99 59.7 53.0 79.6

Manual Integrations
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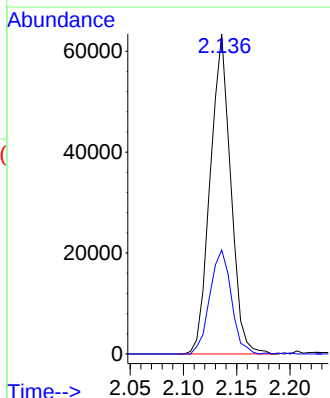
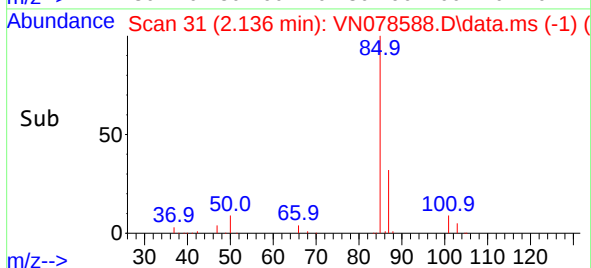
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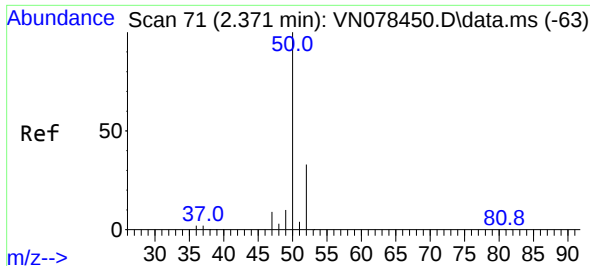


#2
Dichlorodifluoromethane
Concen: 16.191 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33



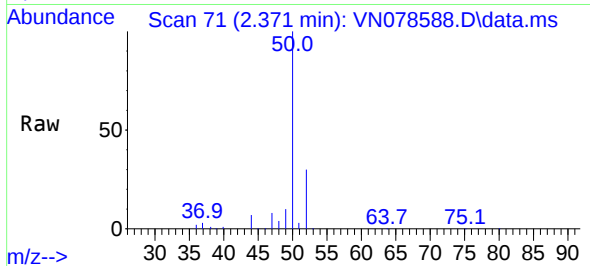
Tgt Ion: 85 Resp: 84836
Ion Ratio Lower Upper
85 100
87 32.5 15.8 47.4





#3
Chloromethane
Concen: 18.310 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

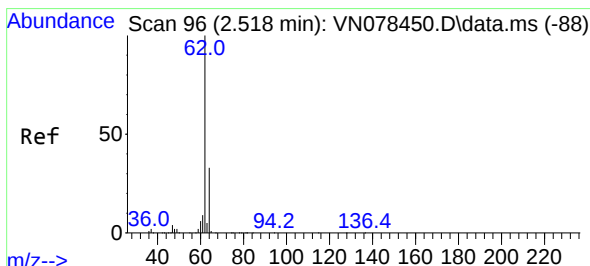
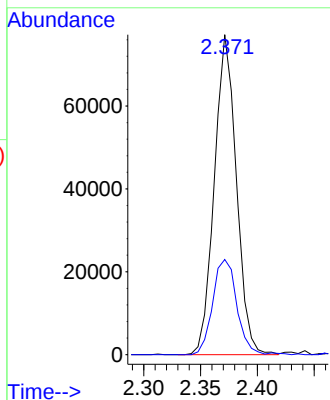
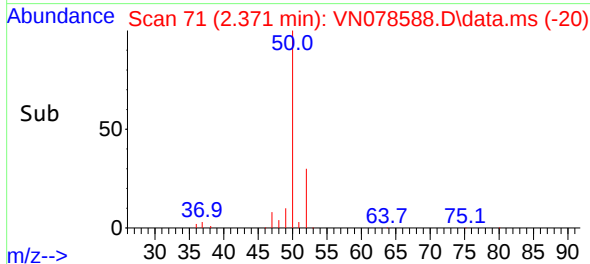
Instrument :
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Tgt Ion: 50 Resp: 10427
Ion Ratio Lower Upper
50 100
52 29.8 26.5 39.7

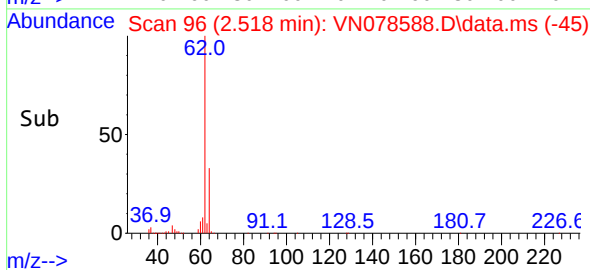
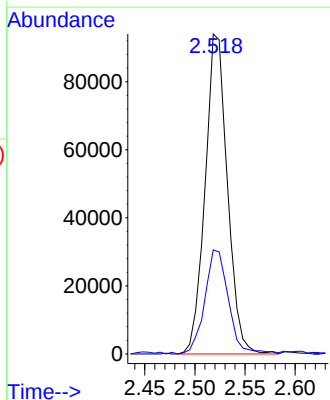
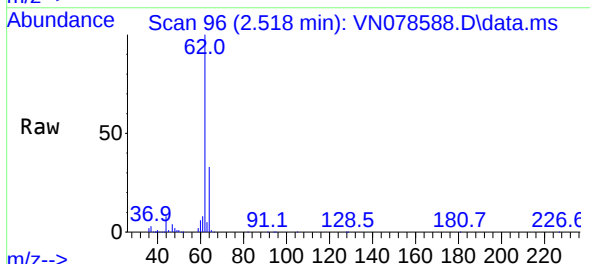
Manual Integrations
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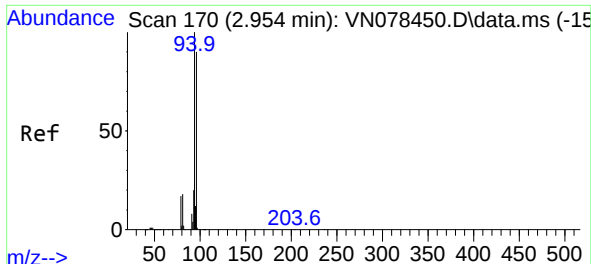
Reviewed By :John Carlone 07/21/2023
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#4
Vinyl Chloride
Concen: 19.745 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

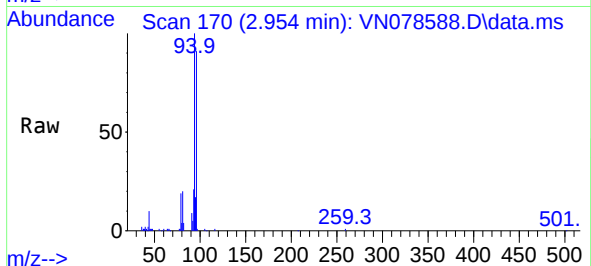
Tgt Ion: 62 Resp: 145459
Ion Ratio Lower Upper
62 100
64 32.5 26.2 39.2





#5
Bromomethane
Concen: 17.368 ug/l
RT: 2.954 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

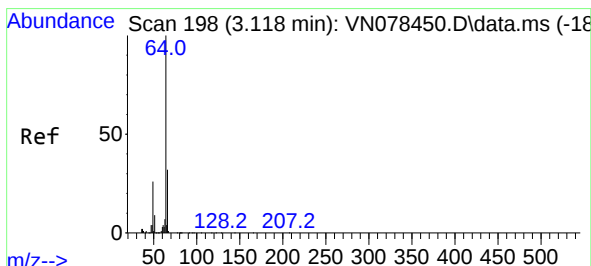
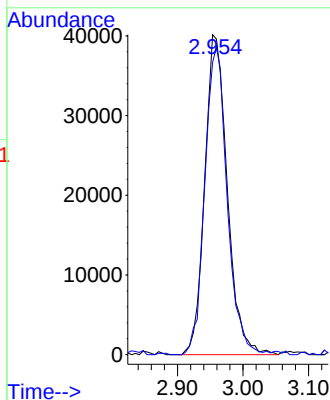
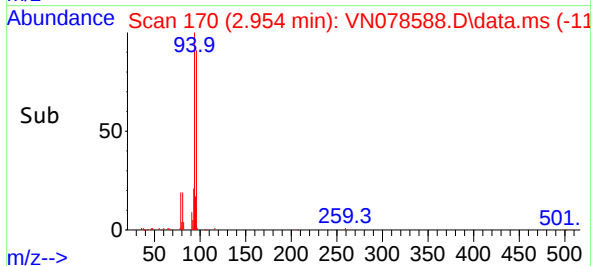
Instrument :
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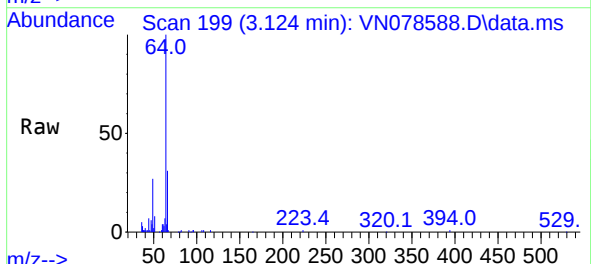
Tgt Ion: 94 Resp: 96052
Ion Ratio Lower Upper
94 100
96 91.4 73.1 109.7

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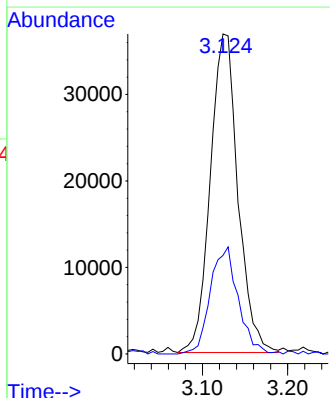
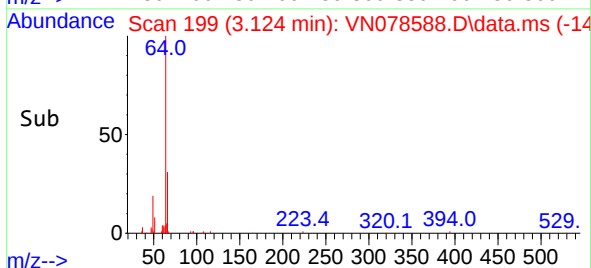
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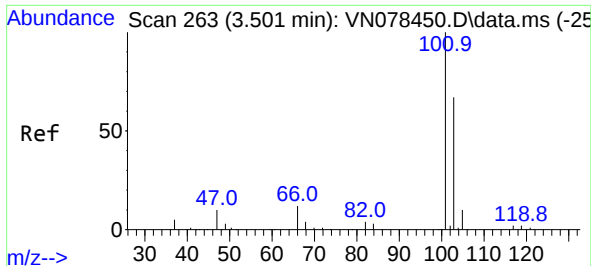


#6
Chloroethane
Concen: 17.423 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33



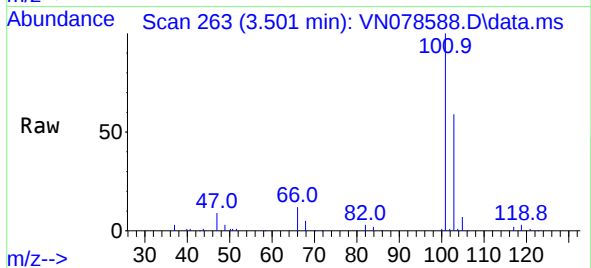
Tgt Ion: 64 Resp: 83223
Ion Ratio Lower Upper
64 100
66 31.0 25.4 38.2





#7
Trichlorofluoromethane
Concen: 18.920 ug/l
RT: 3.501 min Scan# 263
Delta R.T. -0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

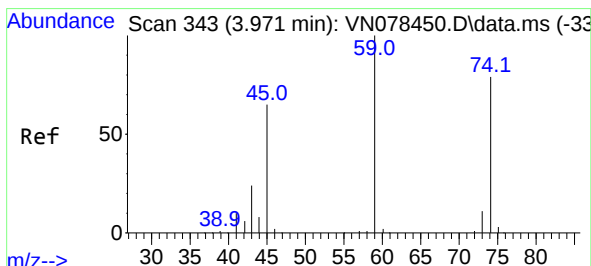
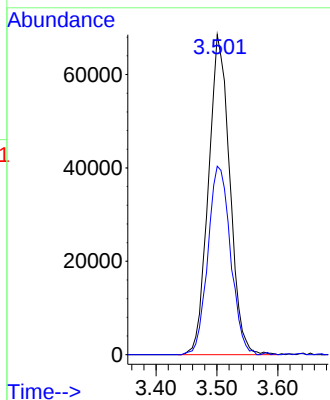
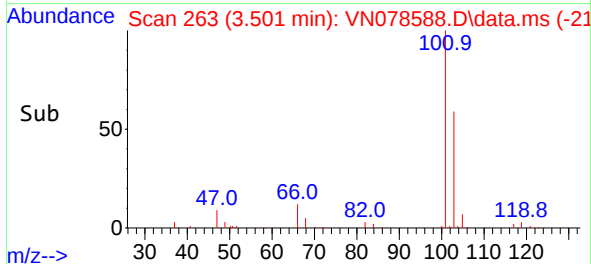
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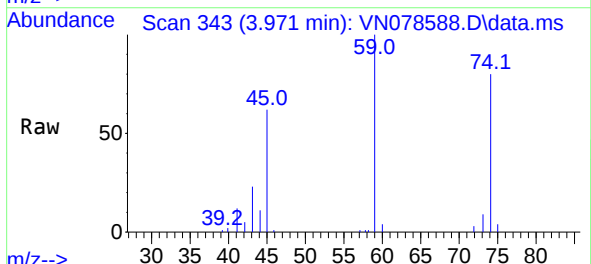
Tgt Ion:101 Resp: 166620
Ion Ratio Lower Upper
101 100
103 58.9 50.7 76.1

Manual Integrations
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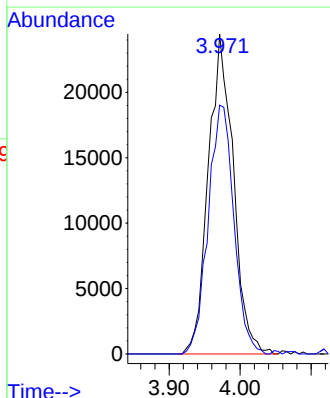
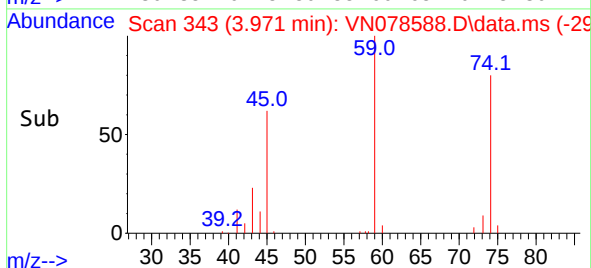
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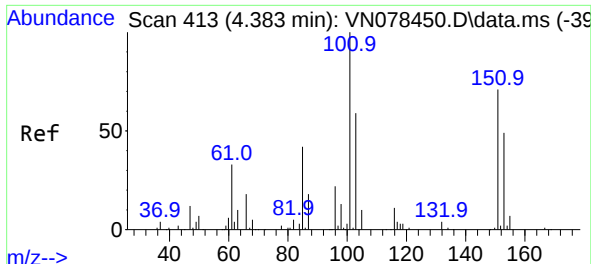


#8
Diethyl Ether
Concen: 20.346 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33



Tgt Ion: 74 Resp: 59698
Ion Ratio Lower Upper
74 100
45 79.8 34.4 103.3





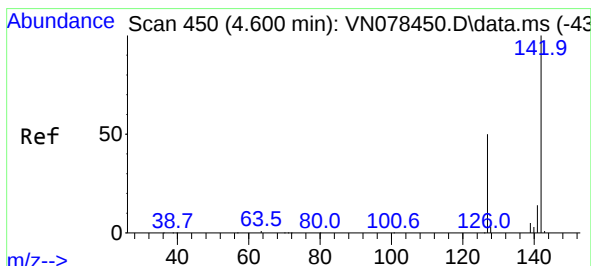
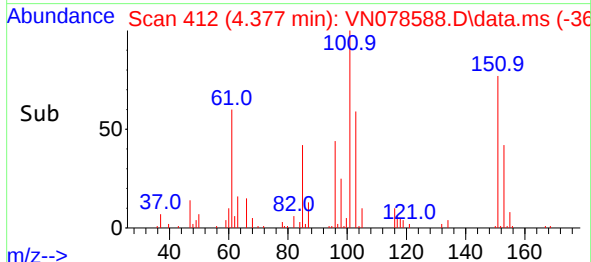
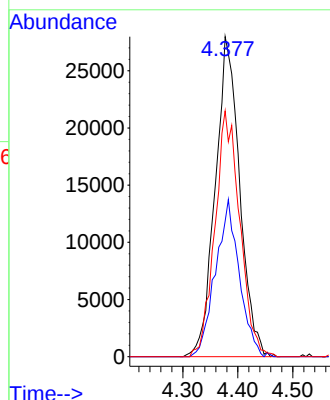
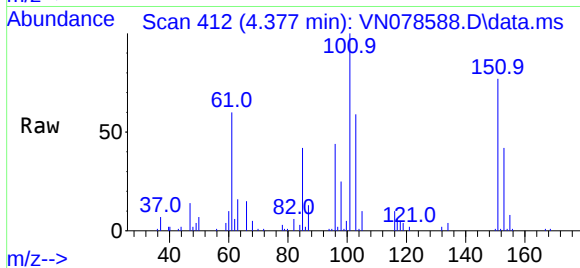
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.503 ug/l
RT: 4.377 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01

Tgt Ion:101 Resp: 86250
Ion Ratio Lower Upper
101 100
85 47.7 36.6 55.0
151 78.5 57.6 86.4

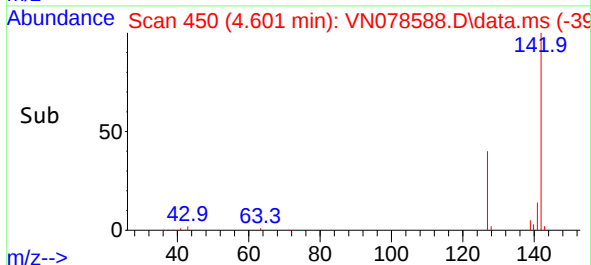
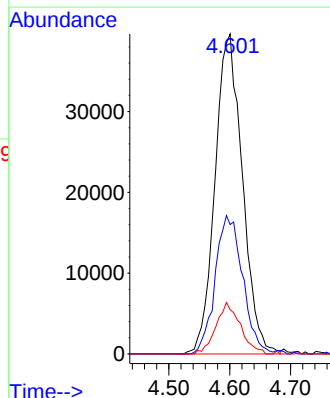
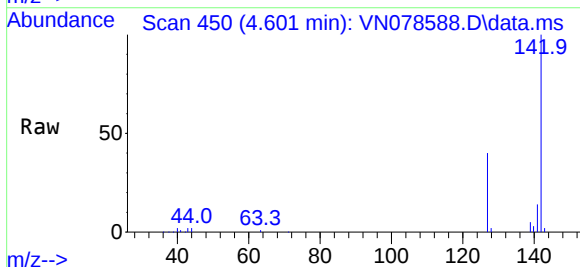
Manual Integrations
APPROVED

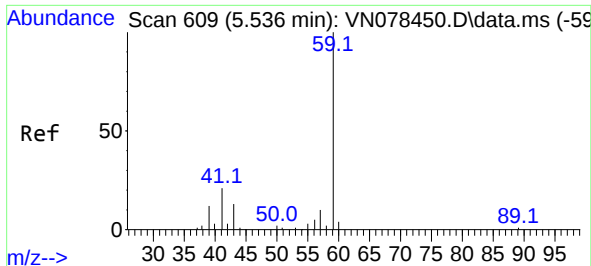
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#10
Methyl Iodide
Concen: 19.310 ug/l
RT: 4.601 min Scan# 450
Delta R.T. 0.001 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

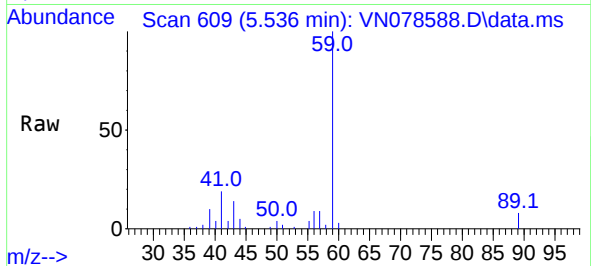
Tgt Ion:142 Resp: 123697
Ion Ratio Lower Upper
142 100
127 40.4 37.6 56.4
141 13.9 11.4 17.0





#11
Tert butyl alcohol
Concen: 101.089 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

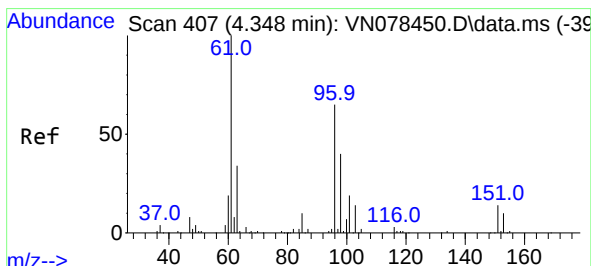
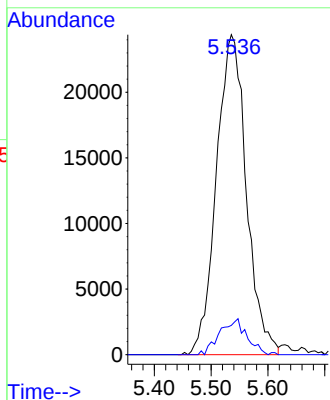
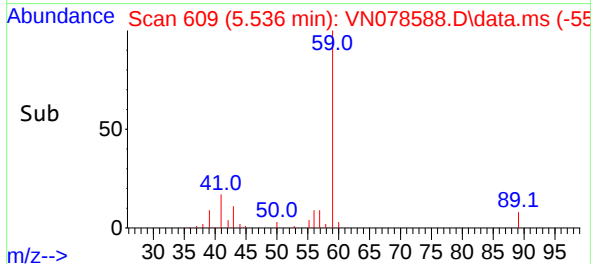
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



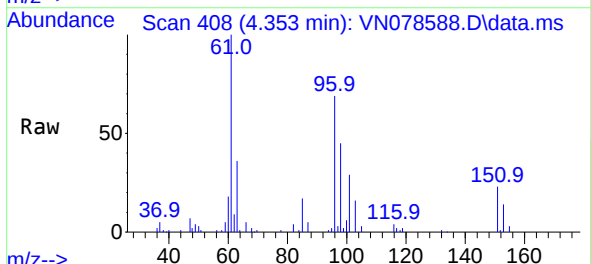
Tgt Ion: 59 Resp: 8930
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4

Manual Integrations
APPROVED

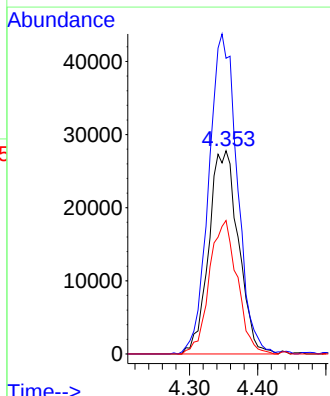
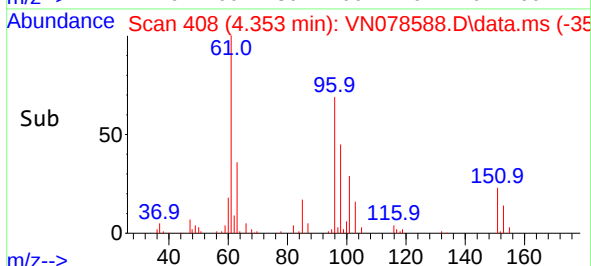
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

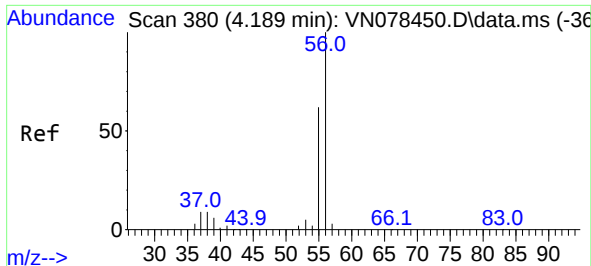


#12
1,1-Dichloroethene
Concen: 18.619 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.005 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33



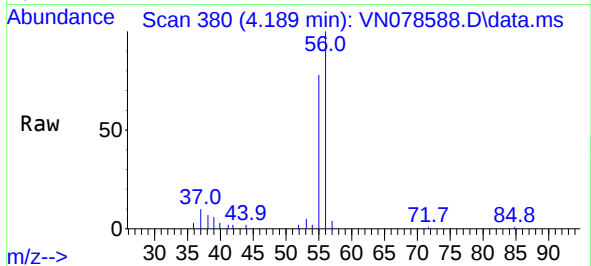
Tgt Ion: 96 Resp: 83958
Ion Ratio Lower Upper
96 100
61 145.5 112.7 169.1
98 65.7 51.2 76.8





#13
Acrolein
Concen: 100.493 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

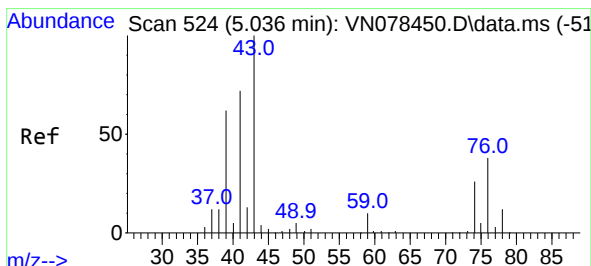
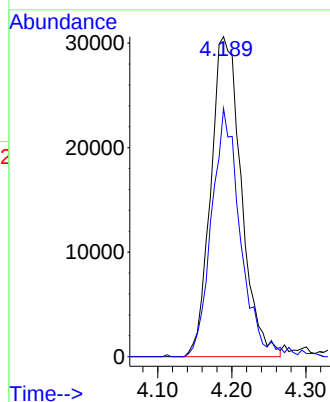
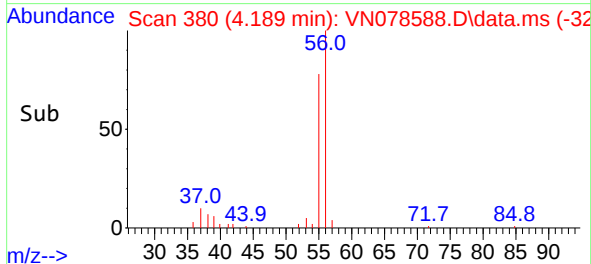
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



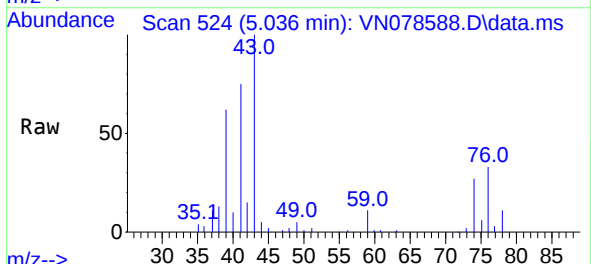
Tgt Ion: 56 Resp: 87348
Ion Ratio Lower Upper
56 100
55 71.3 54.5 81.7

Manual Integrations
APPROVED

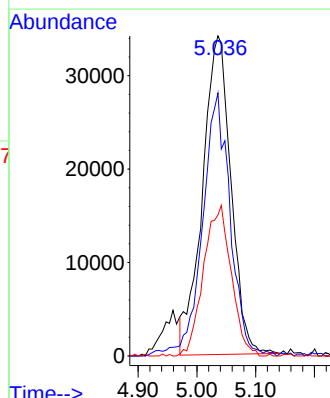
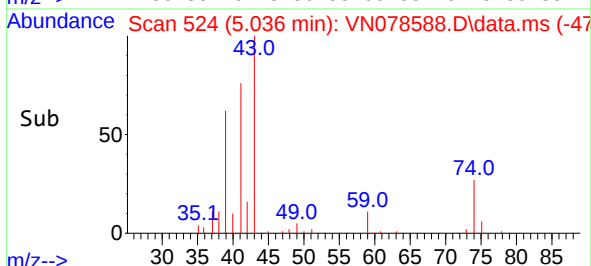
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

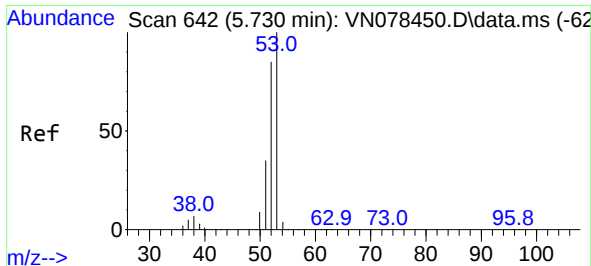


#14
Allyl chloride
Concen: 18.645 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33



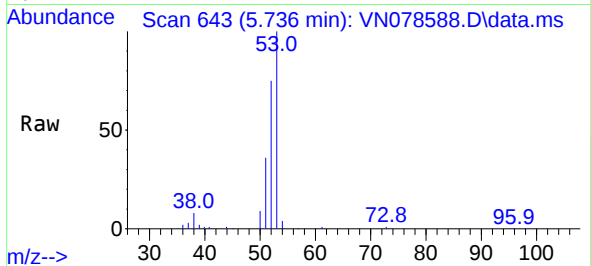
Tgt Ion: 41 Resp: 114885
Ion Ratio Lower Upper
41 100
39 80.2 58.8 88.2
76 45.9 39.1 58.7





#15
Acrylonitrile
Concen: 101.100 ug/l
RT: 5.736 min Scan# 642
Delta R.T. 0.006 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

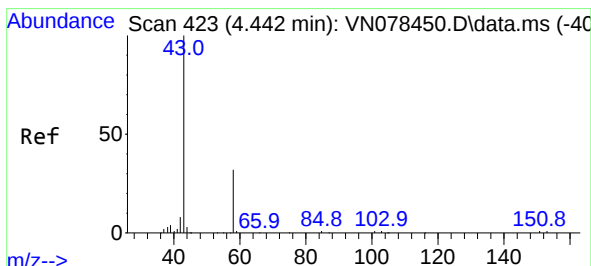
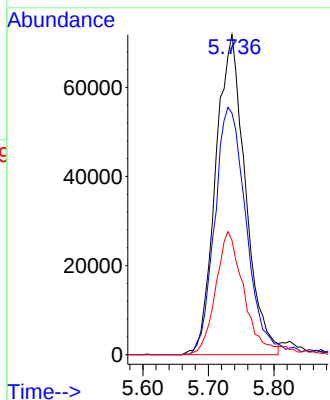
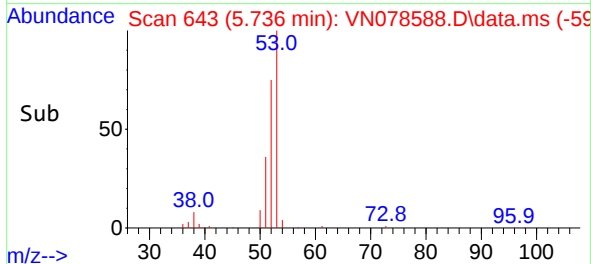
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



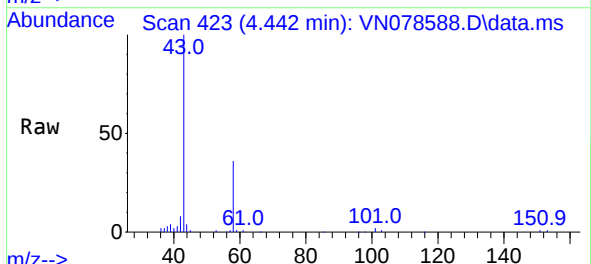
Tgt Ion: 53 Resp: 225669
Ion Ratio Lower Upper
53 100
52 82.0 65.3 97.9
51 37.6 28.9 43.3

Manual Integrations
APPROVED

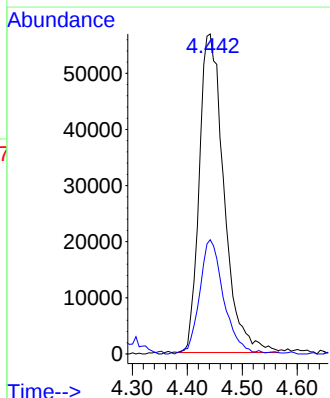
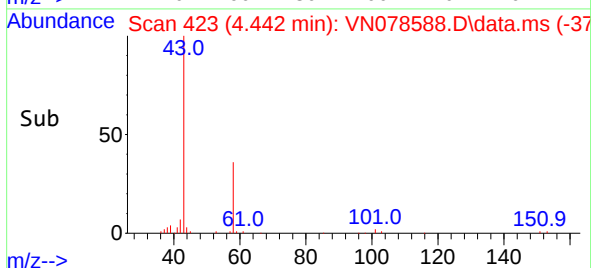
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

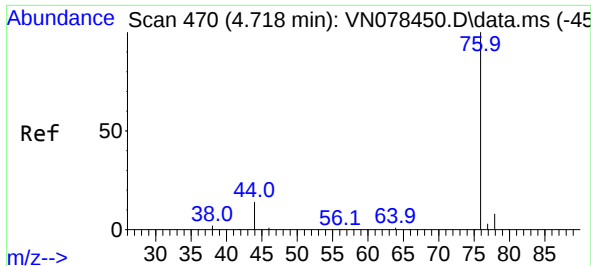


#16
Acetone
Concen: 99.329 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33



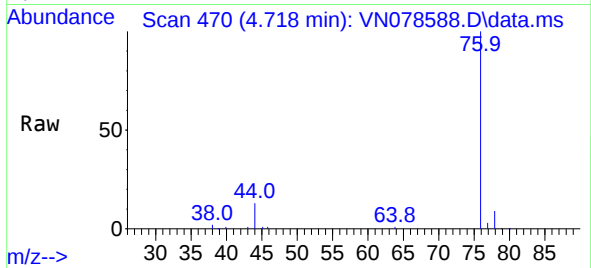
Tgt Ion: 43 Resp: 177266
Ion Ratio Lower Upper
43 100
58 35.5 28.0 42.0





#17
Carbon Disulfide
Concen: 15.275 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

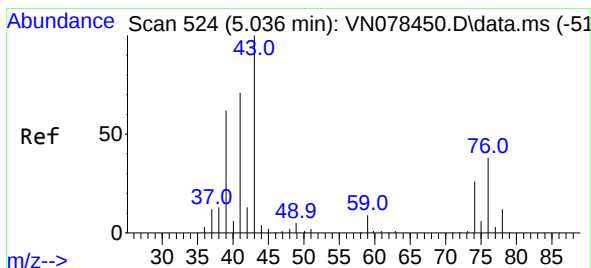
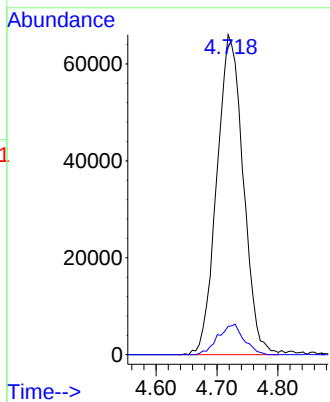
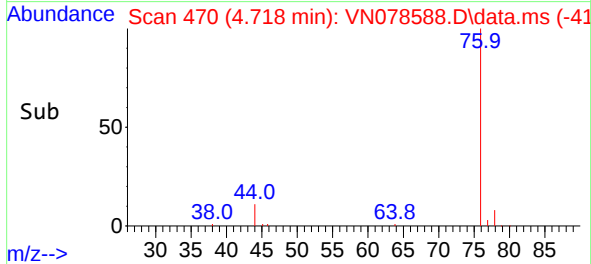
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



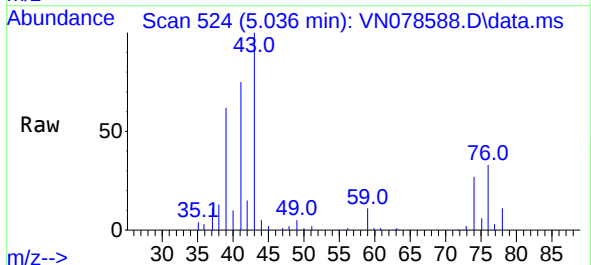
Tgt Ion: 76 Resp: 19917
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

Manual Integrations
APPROVED

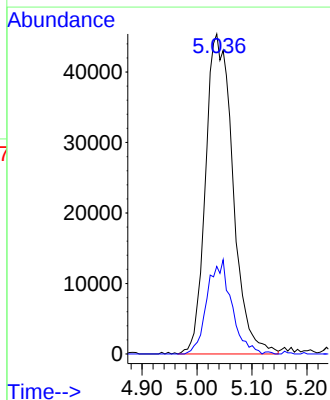
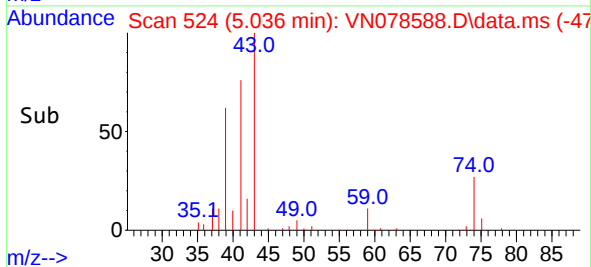
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

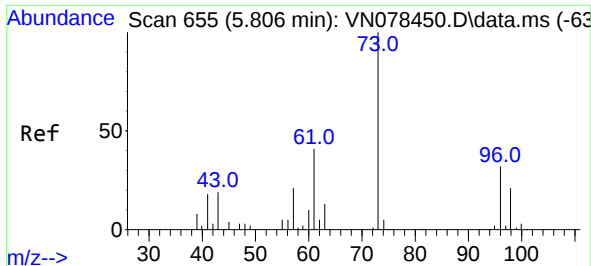


#18
Methyl Acetate
Concen: 20.739 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33



Tgt Ion: 43 Resp: 156674
Ion Ratio Lower Upper
43 100
74 26.3 26.2 39.4





#19

Methyl tert-butyl Ether

Concen: 20.293 ug/l

RT: 5.806 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN078588.D

Acq: 20 Jul 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN0720WBSD01

Tgt Ion: 73 Resp: 301500

Ion Ratio Lower Upper

73 100

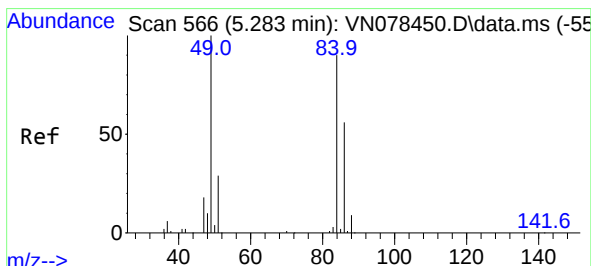
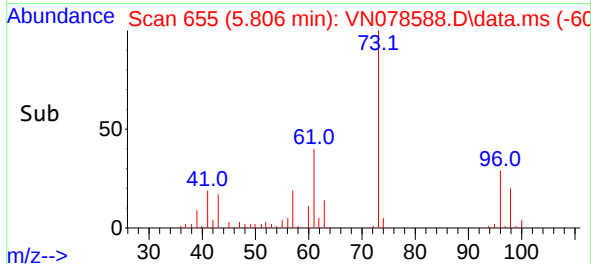
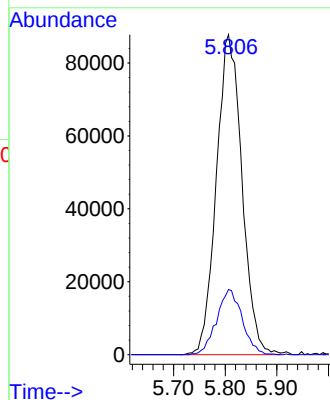
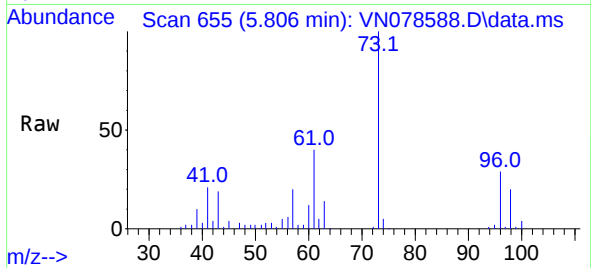
57 20.3 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2023

Supervised By :Mahesh Dadoda 07/21/2023



#20

Methylene Chloride

Concen: 19.526 ug/l

RT: 5.289 min Scan# 567

Delta R.T. 0.006 min

Lab File: VN078588.D

Acq: 20 Jul 2023 12:33

Tgt Ion: 84 Resp: 103767

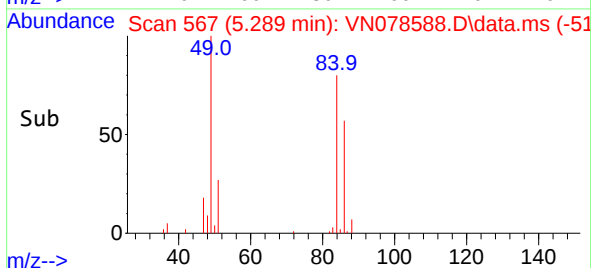
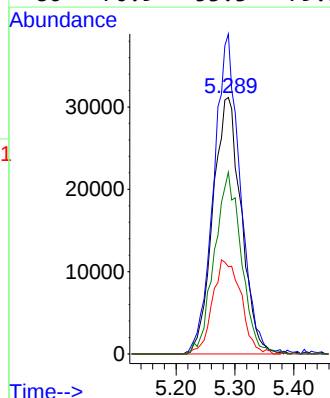
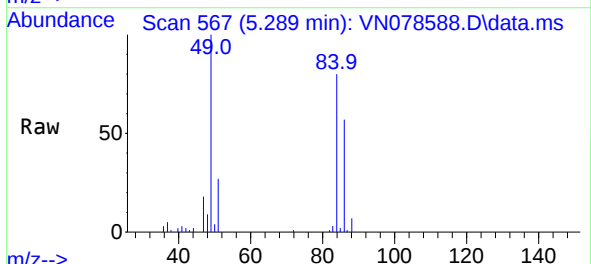
Ion Ratio Lower Upper

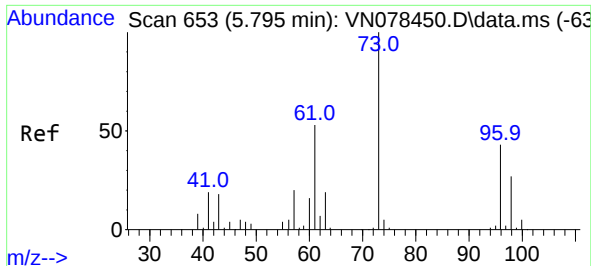
84 100

49 124.8 79.7 119.5#

51 34.1 25.2 37.8

86 70.9 53.3 79.9





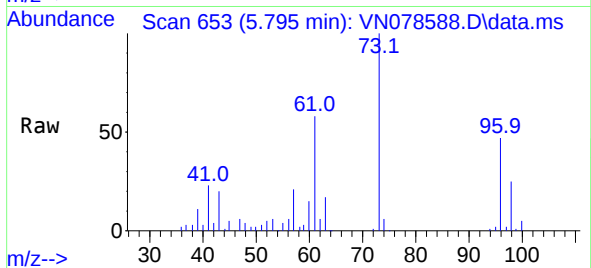
#21
trans-1,2-Dichloroethene
Concen: 18.475 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN0720WBSD01



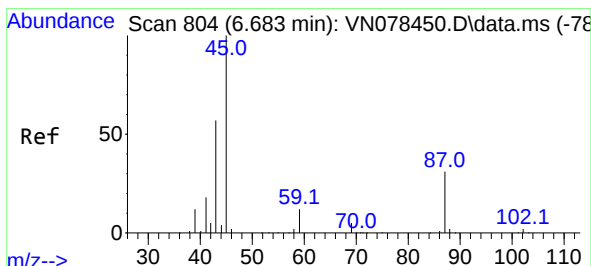
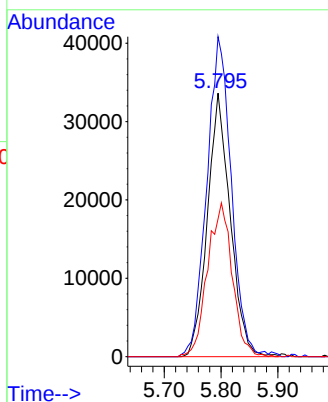
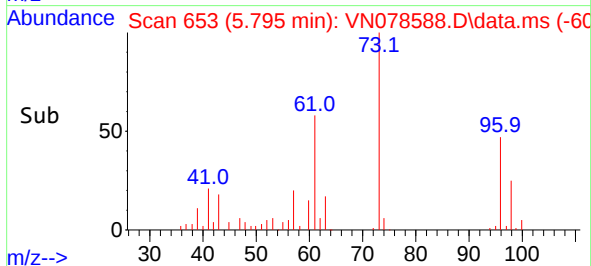
Tgt Ion: 96 Resp: 9388
Ion Ratio Lower Upper
96 100
61 121.4 90.1 135.1
98 52.3 46.4 69.6

Manual Integrations

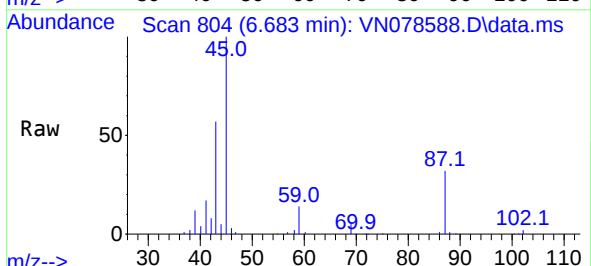
APPROVED

Reviewed By :John Carlone 07/21/2023

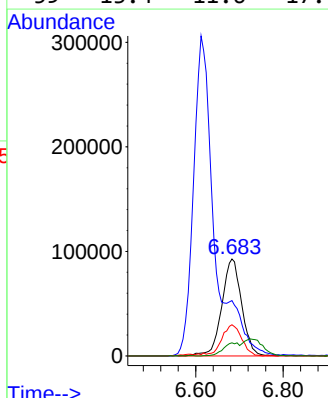
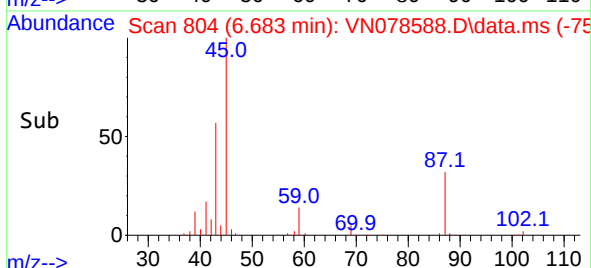
Supervised By :Mahesh Dadoda 07/21/2023

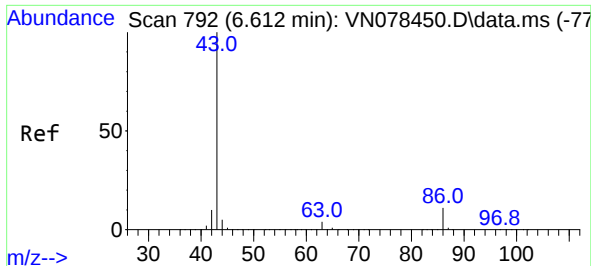


#22
Diisopropyl ether
Concen: 21.182 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33



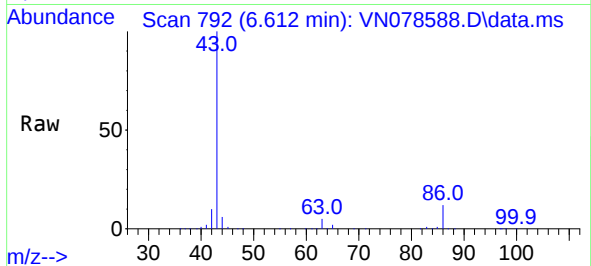
Tgt Ion: 45 Resp: 292252
Ion Ratio Lower Upper
45 100
43 55.7 45.5 68.3
87 32.1 31.8 47.8
59 13.4 11.6 17.4





#23
 Vinyl Acetate
 Concen: 102.370 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078588.D
 Acq: 20 Jul 2023 12:33

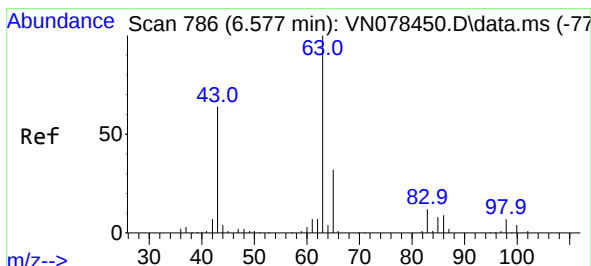
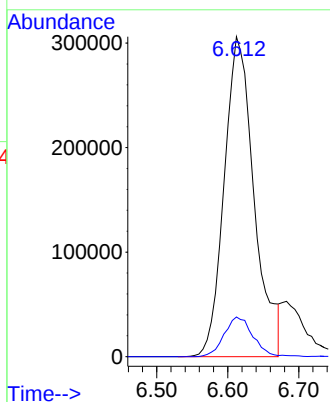
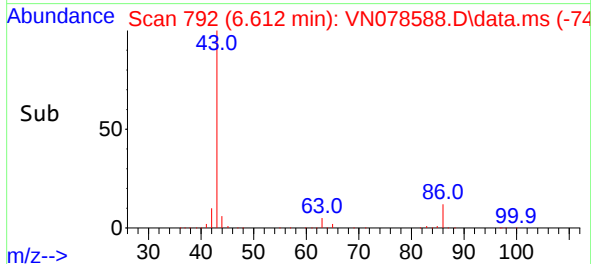
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0720WBSD01



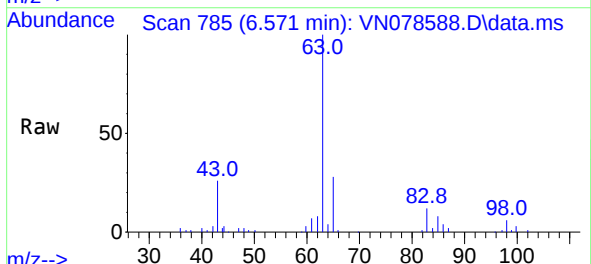
Tgt Ion: 43 Resp: 89792
 Ion Ratio Lower Upper
 43 100
 86 12.4 13.0 19.6

Manual Integrations
 APPROVED

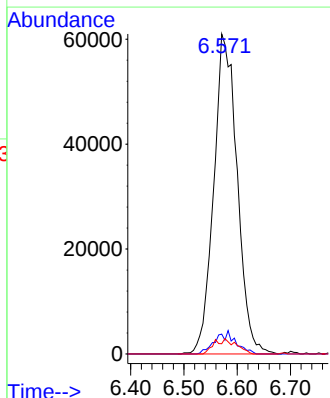
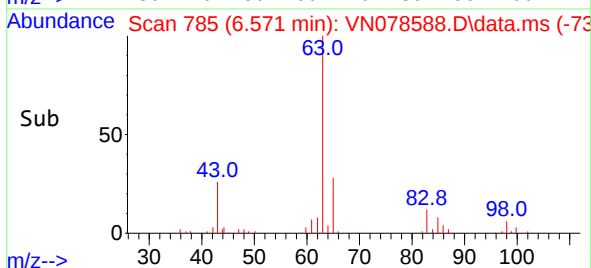
Reviewed By :John Carlone 07/21/2023
 Supervised By :Mahesh Dadoda 07/21/2023

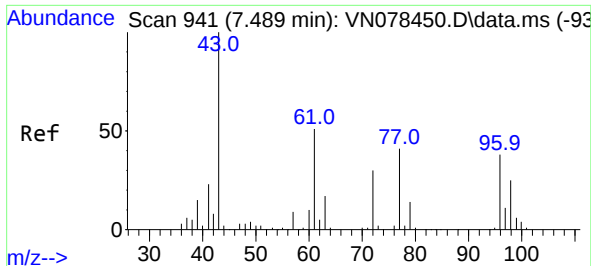


#24
 1,1-Dichloroethane
 Concen: 19.995 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN078588.D
 Acq: 20 Jul 2023 12:33



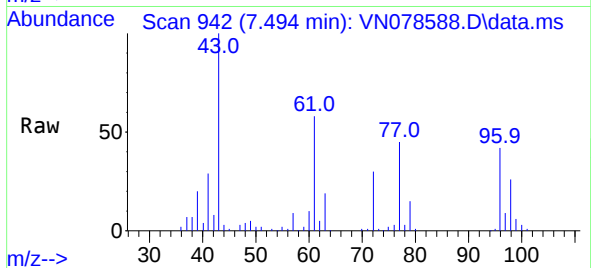
Tgt Ion: 63 Resp: 185892
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.9 11.7
 100 3.2 2.5 7.4





#25
2-Butanone
Concen: 103.104 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.005 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

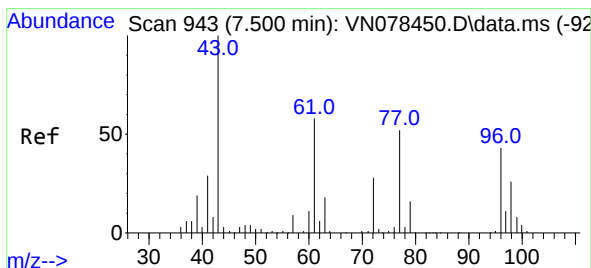
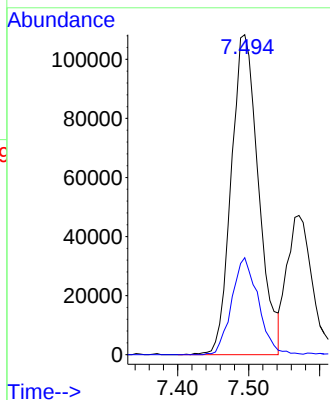
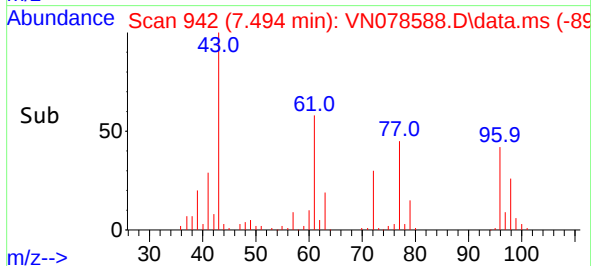
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



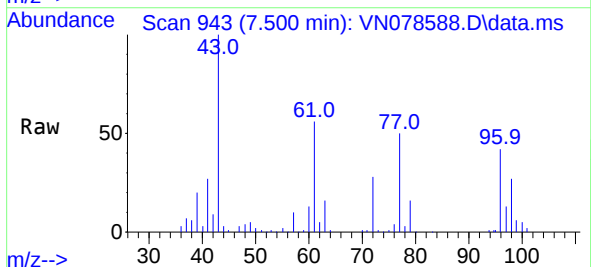
Tgt Ion: 43 Resp: 28964
Ion Ratio Lower Upper
43 100
72 30.3 30.2 45.2

Manual Integrations
APPROVED

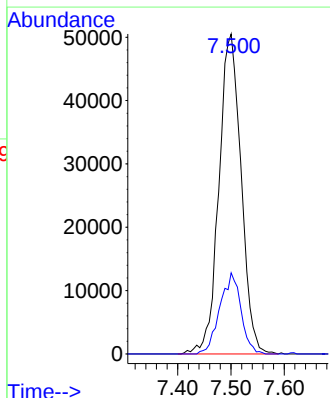
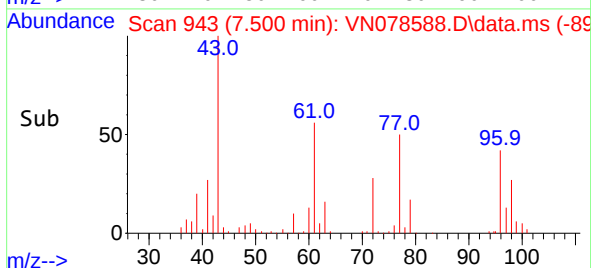
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

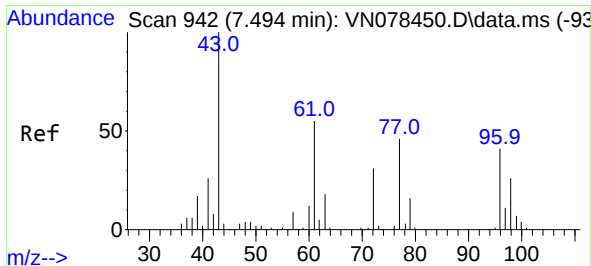


#26
2,2-Dichloropropane
Concen: 19.239 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33



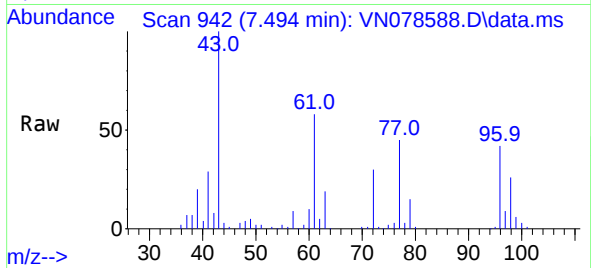
Tgt Ion: 77 Resp: 146295
Ion Ratio Lower Upper
77 100
97 24.1 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.871 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078588.D
 Acq: 20 Jul 2023 12:33

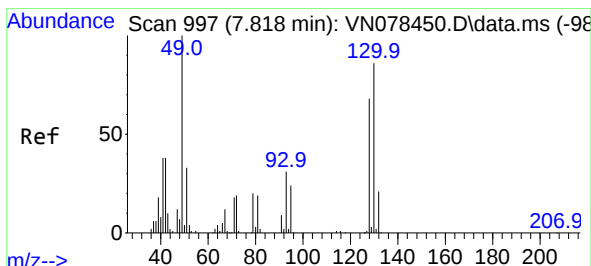
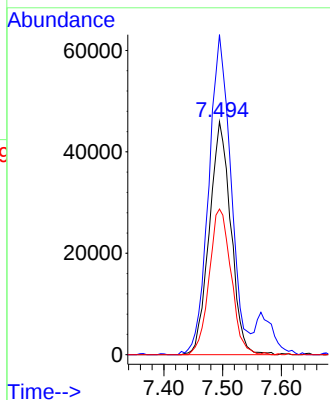
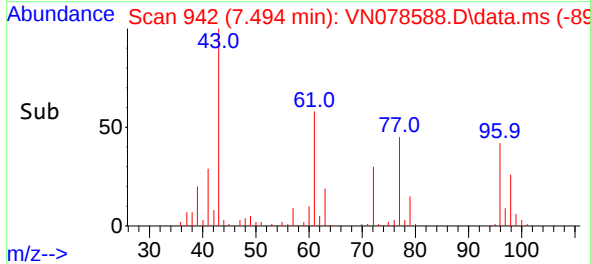
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0720WBSD01



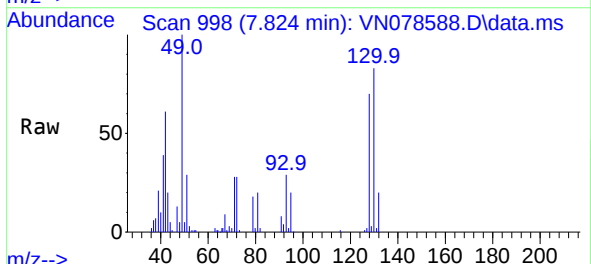
Tgt Ion: 96 Resp: 116810
 Ion Ratio Lower Upper
 96 100
 61 141.2 0.0 255.2
 98 63.5 0.0 128.8

Manual Integrations
 APPROVED

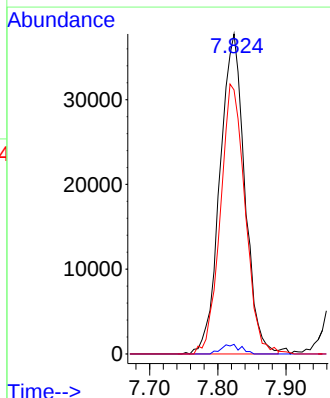
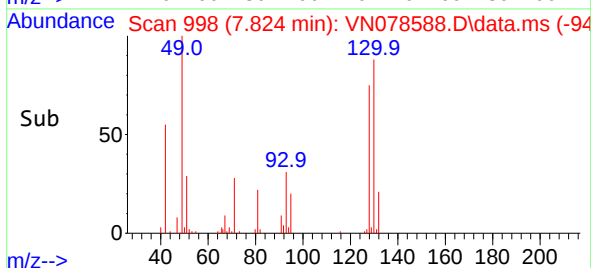
Reviewed By :John Carlone 07/21/2023
 Supervised By :Mahesh Dadoda 07/21/2023

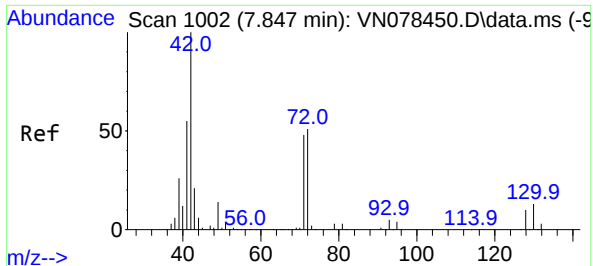


#28
 Bromochloromethane
 Concen: 21.883 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078588.D
 Acq: 20 Jul 2023 12:33



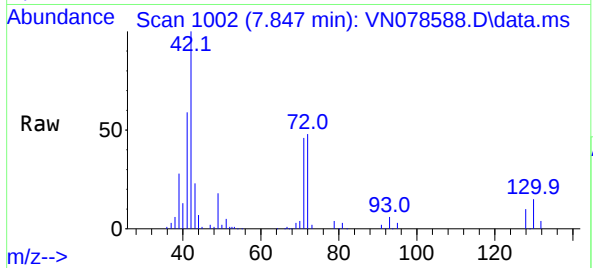
Tgt Ion: 49 Resp: 95822
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.8
 130 84.0 75.3 112.9





#29
Tetrahydrofuran
Concen: 99.834 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

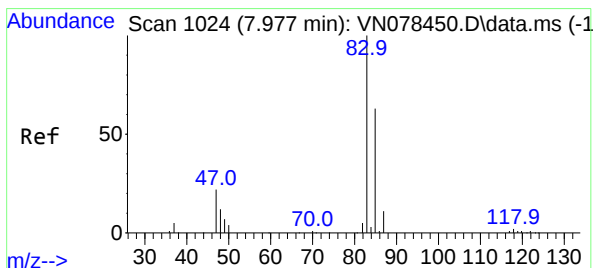
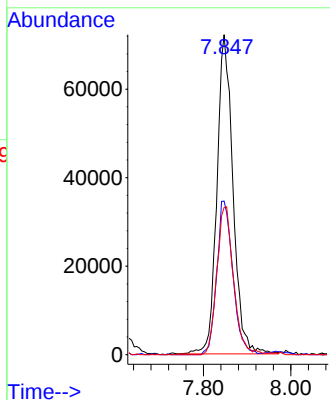
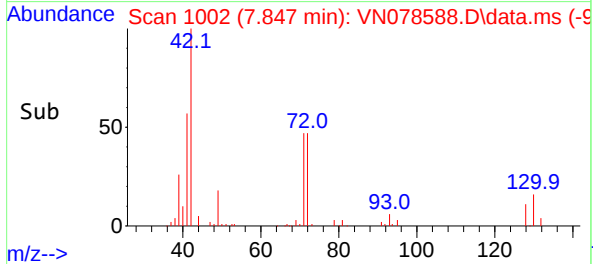
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



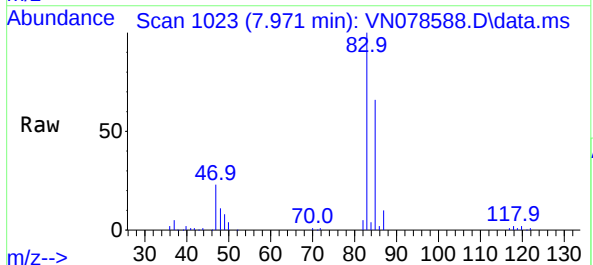
Tgt Ion: 42 Resp: 184028
Ion Ratio Lower Upper
42 100
72 48.3 49.8 74.6
71 48.1 47.4 71.2

Manual Integrations
APPROVED

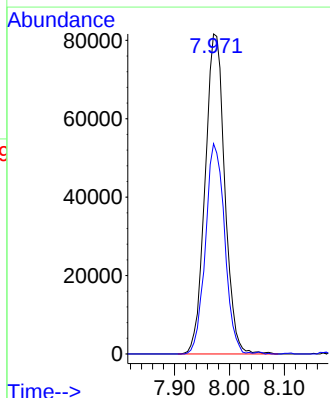
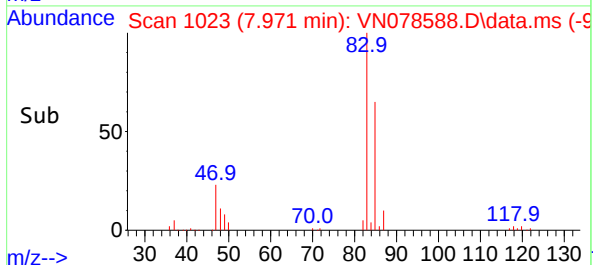
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

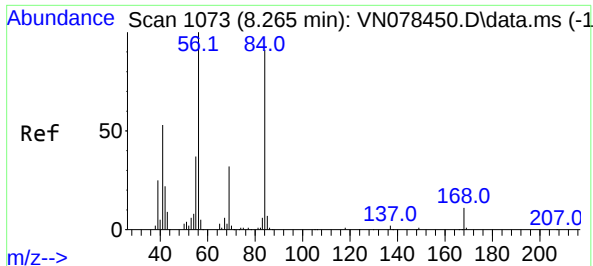


#30
Chloroform
Concen: 20.936 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.006 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33



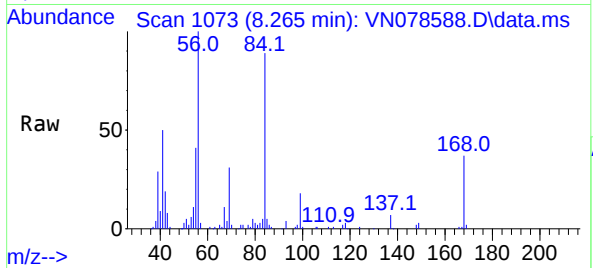
Tgt Ion: 83 Resp: 202639
Ion Ratio Lower Upper
83 100
85 65.7 55.4 83.0





#31
Cyclohexane
Concen: 17.924 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

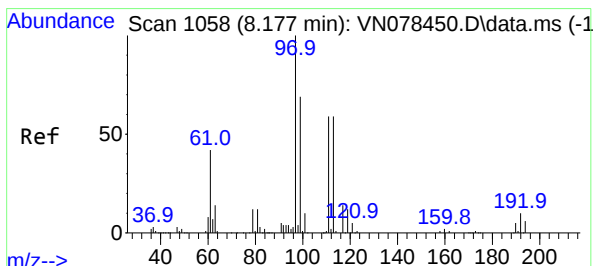
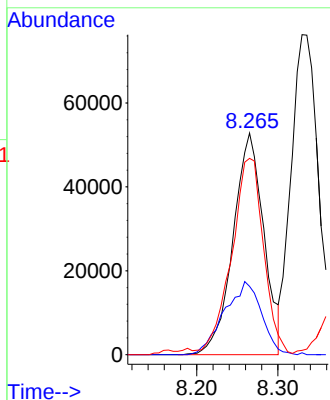
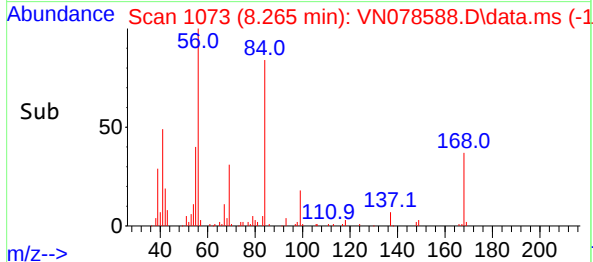
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



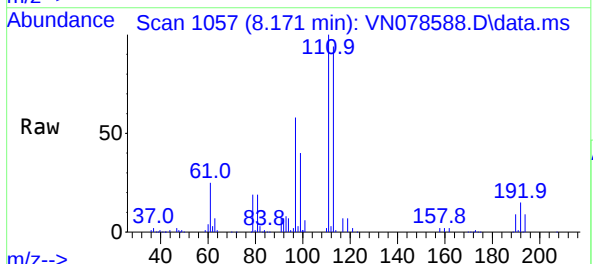
Tgt Ion: 56 Resp: 138780
Ion Ratio Lower Upper
56 100
69 30.8 26.8 40.2
84 87.1 81.8 122.6

Manual Integrations
APPROVED

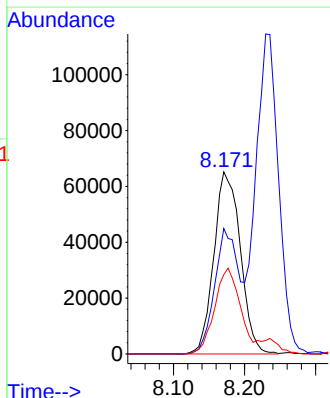
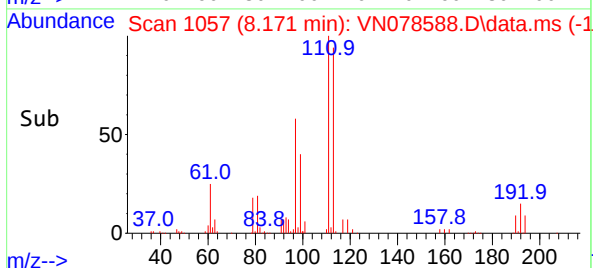
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

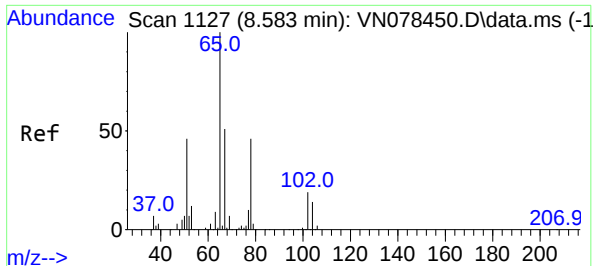


#32
1,1,1-Trichloroethane
Concen: 19.448 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33



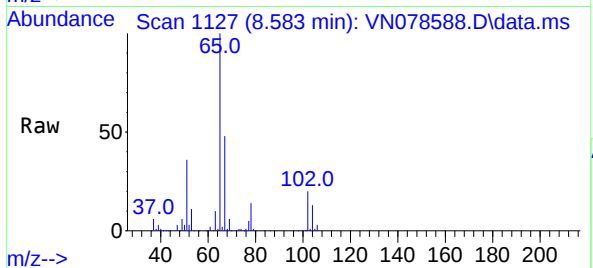
Tgt Ion: 97 Resp: 168766
Ion Ratio Lower Upper
97 100
99 64.5 50.3 75.5
61 47.1 34.7 52.1





#33
1,2-Dichloroethane-d4
Concen: 51.199 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

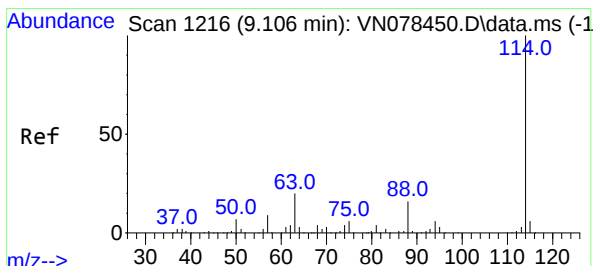
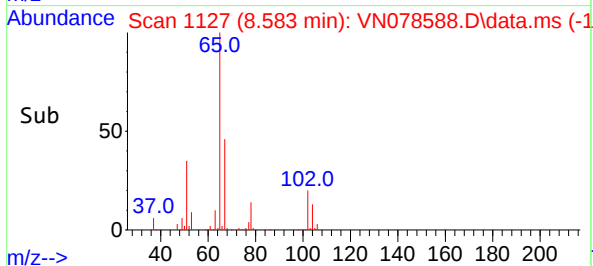
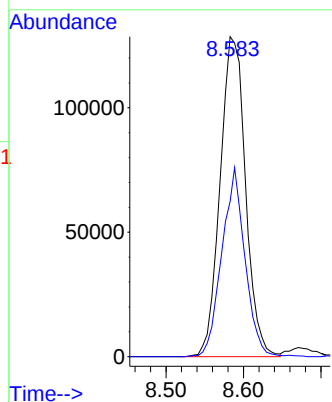
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



Tgt Ion: 65 Resp: 29332
Ion Ratio Lower Upper
65 100
67 53.6 0.0 106.6

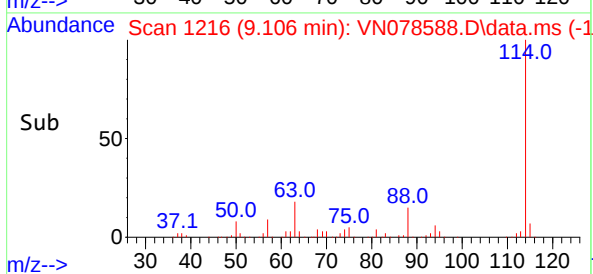
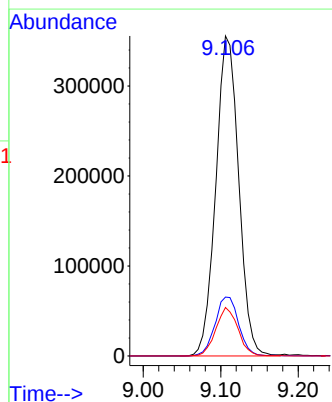
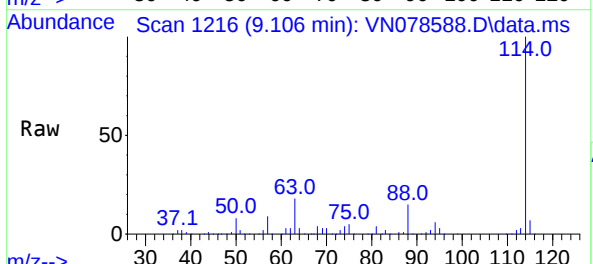
Manual Integrations
APPROVED

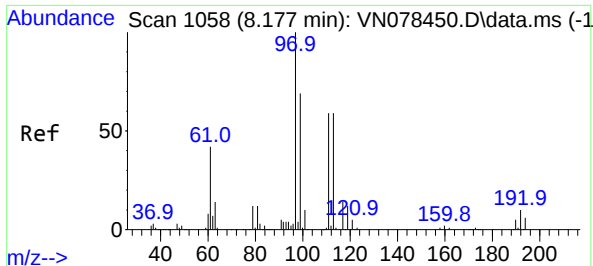
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

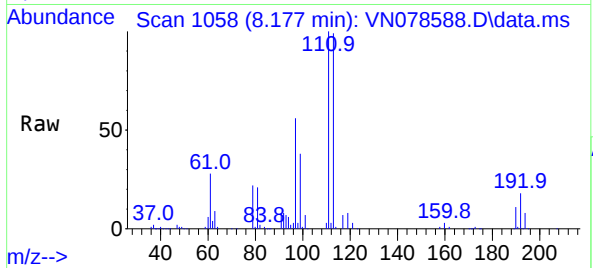
Tgt Ion:114 Resp: 731154
Ion Ratio Lower Upper
114 100
63 18.4 0.0 36.4
88 15.2 0.0 30.6





#35
Dibromofluoromethane
Concen: 52.157 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

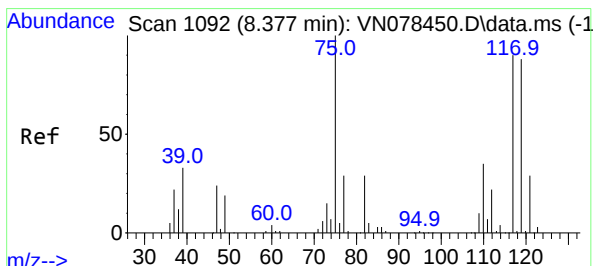
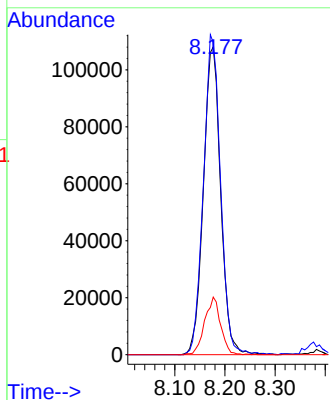
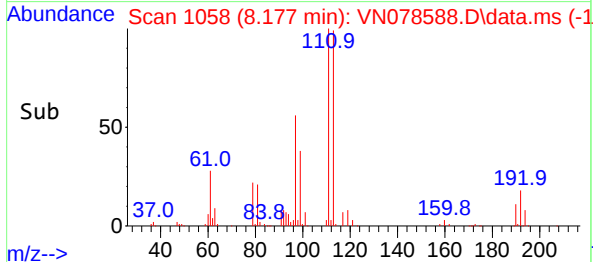
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



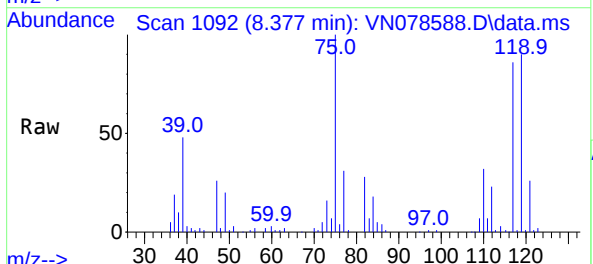
Tgt Ion:113 Resp: 258869
Ion Ratio Lower Upper
113 100
111 102.5 82.6 123.8
192 17.2 12.7 19.1

Manual Integrations
APPROVED

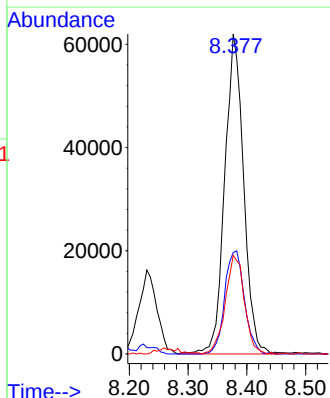
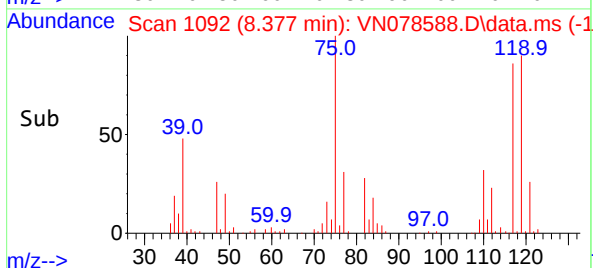
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

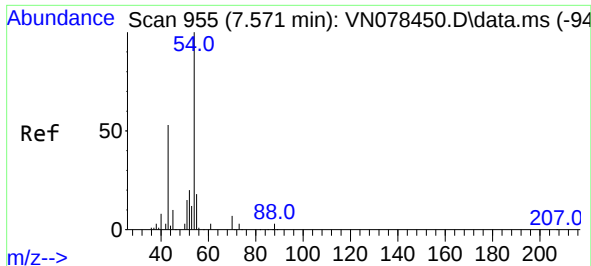


#36
1,1-Dichloropropene
Concen: 19.335 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33



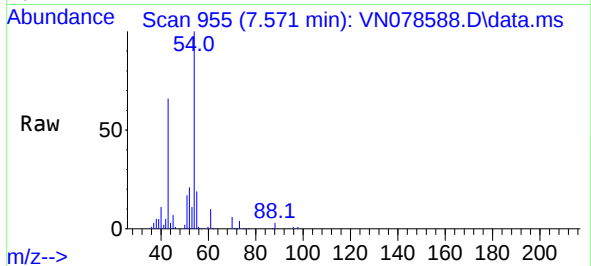
Tgt Ion: 75 Resp: 138564
Ion Ratio Lower Upper
75 100
110 33.5 19.1 57.3
77 31.1 25.0 37.4





#37
Ethyl Acetate
Concen: 19.693 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

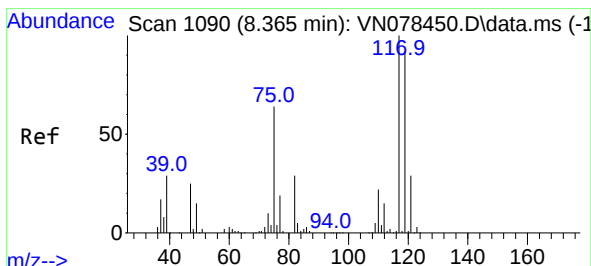
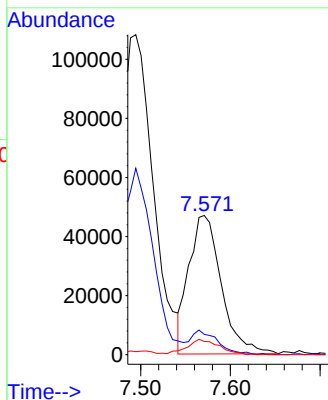
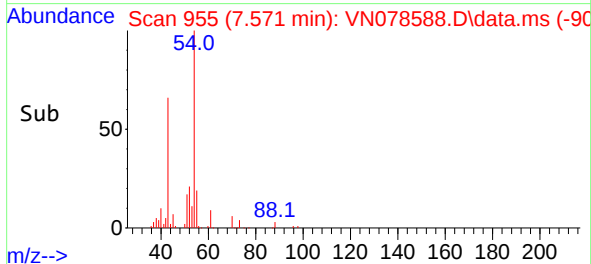
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



Tgt Ion: 43 Resp: 117640
Ion Ratio Lower Upper
43 100
61 14.8 13.2 19.8
70 10.9 11.3 16.9

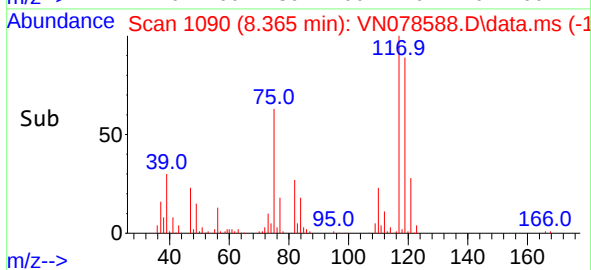
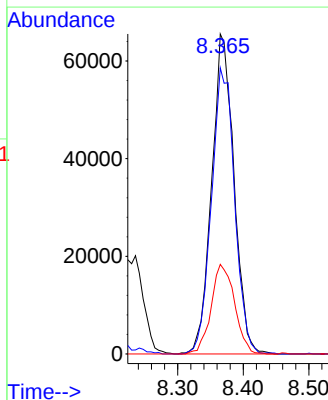
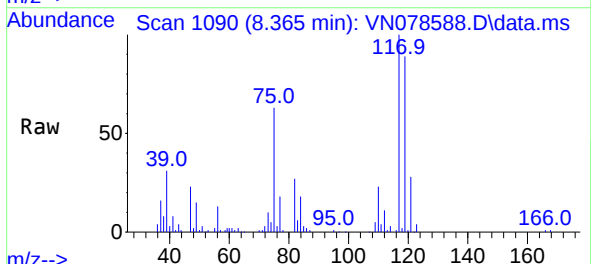
Manual Integrations
APPROVED

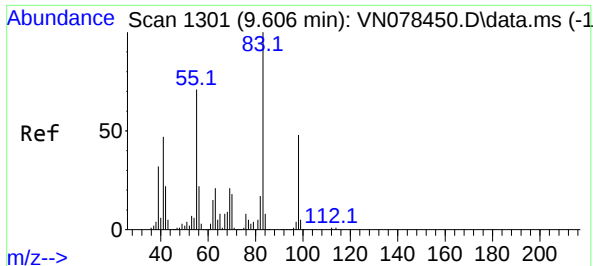
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#38
Carbon Tetrachloride
Concen: 19.851 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

Tgt Ion:117 Resp: 154616
Ion Ratio Lower Upper
117 100
119 89.4 77.3 115.9
121 28.0 23.3 34.9





#39

Methylcyclohexane

Concen: 18.419 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN078588.D

Acq: 20 Jul 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN0720WBSD01

Tgt Ion: 83 Resp: 120492

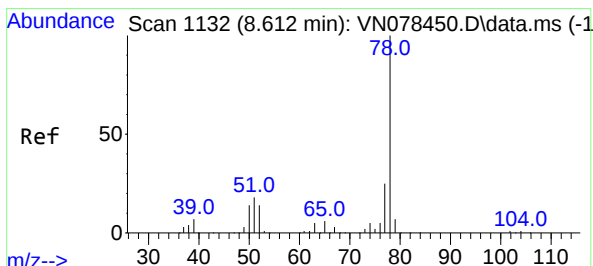
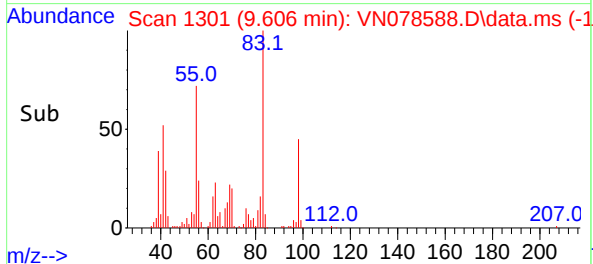
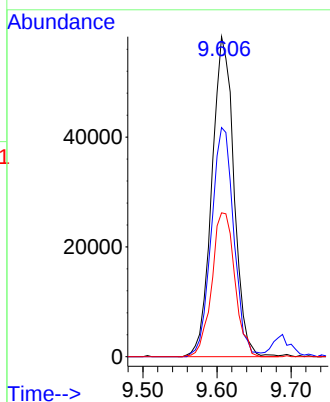
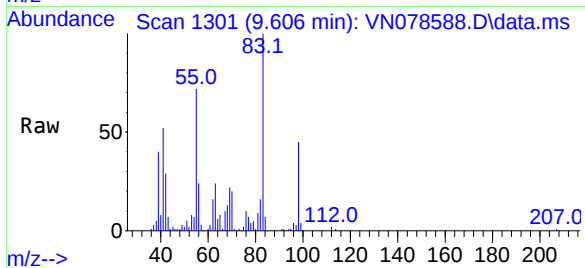
Ion	Ratio	Lower	Upper
83	100		
55	71.6	49.1	73.7
98	44.9	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2023

Supervised By :Mahesh Dadoda 07/21/2023



#40

Benzene

Concen: 19.524 ug/l

RT: 8.618 min Scan# 1133

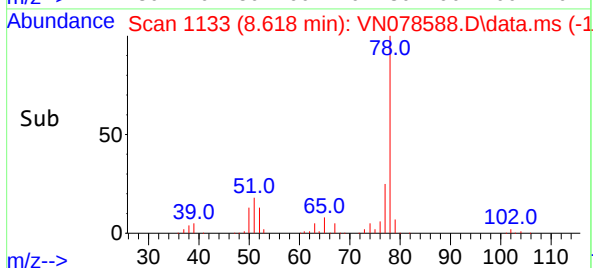
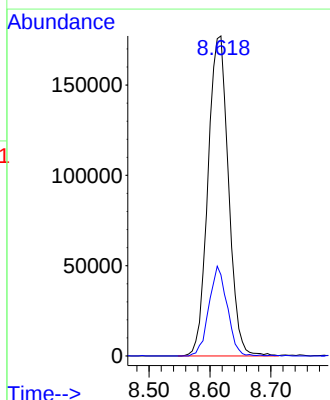
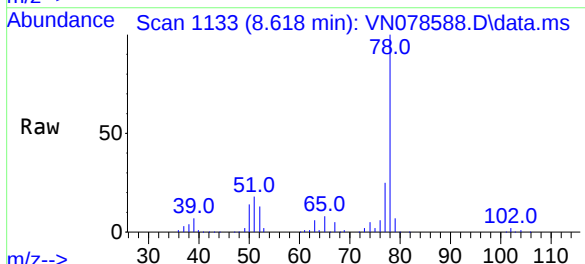
Delta R.T. 0.006 min

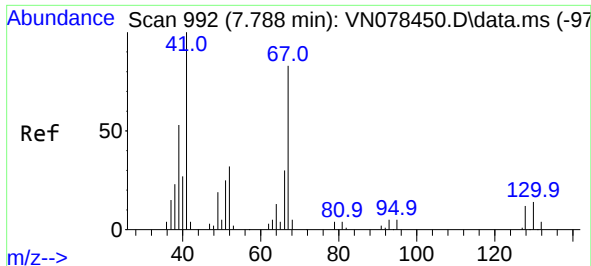
Lab File: VN078588.D

Acq: 20 Jul 2023 12:33

Tgt Ion: 78 Resp: 414517

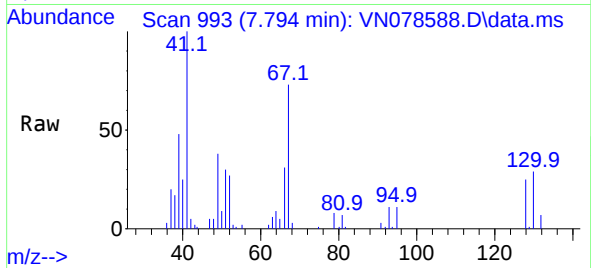
Ion	Ratio	Lower	Upper
78	100		
77	25.3	19.0	28.6





#41
Methacrylonitrile
Concen: 20.404 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.006 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

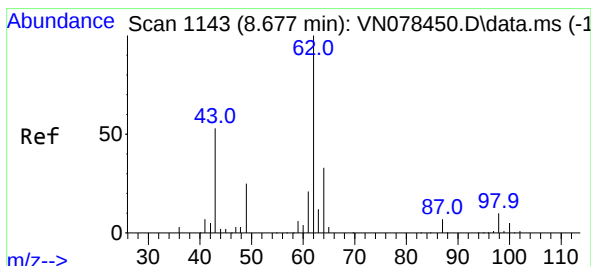
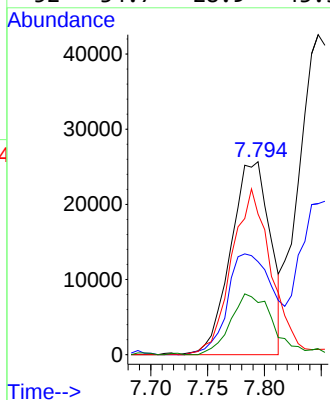
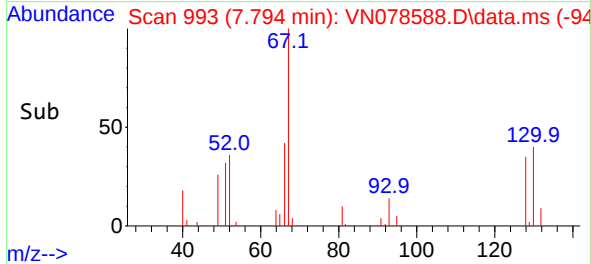
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



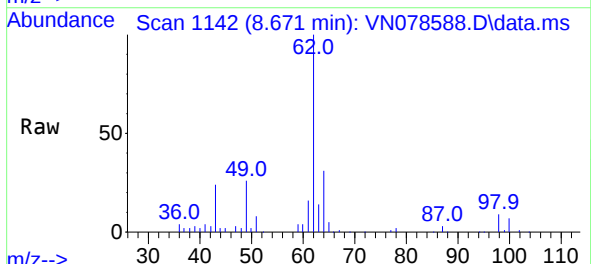
Tgt Ion: 41 Resp: 6214
Ion Ratio Lower Upper
41 100
39 60.9 42.6 64.0
67 87.3 77.5 116.3
52 34.7 28.9 43.3

Manual Integrations
APPROVED

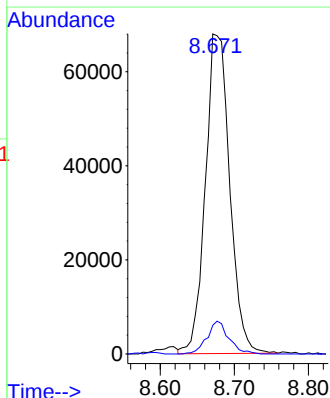
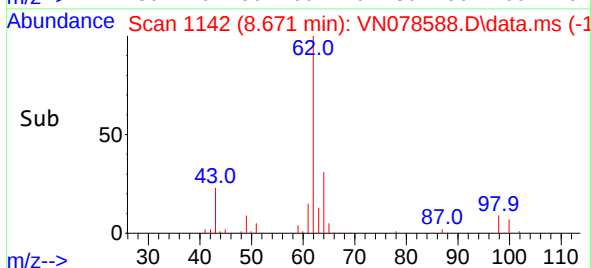
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

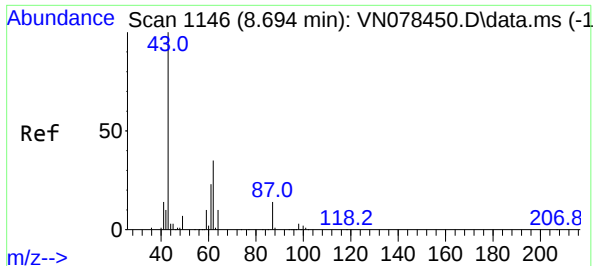


#42
1,2-Dichloroethane
Concen: 21.489 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33



Tgt Ion: 62 Resp: 155188
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.8





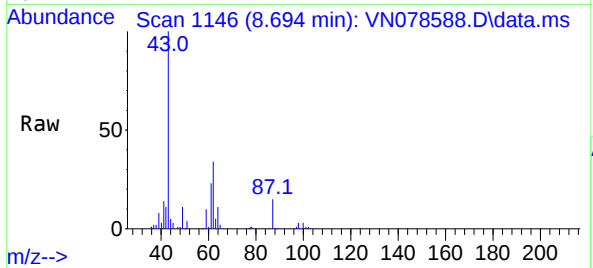
#43
Isopropyl Acetate
Concen: 21.228 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN0720WBSD01



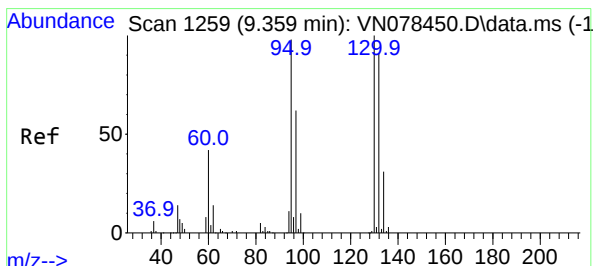
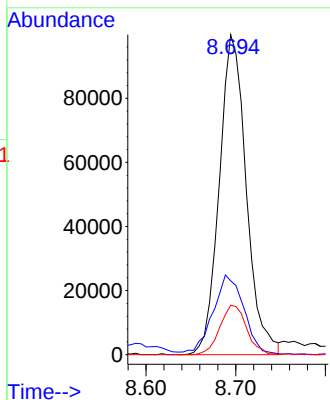
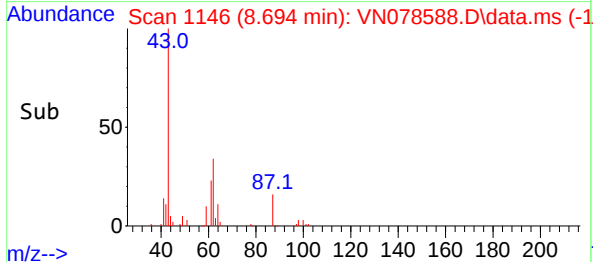
Tgt Ion: 43 Resp: 208798
Ion Ratio Lower Upper
43 100
61 28.9 24.7 37.1
87 15.3 14.6 21.8

Manual Integrations

APPROVED

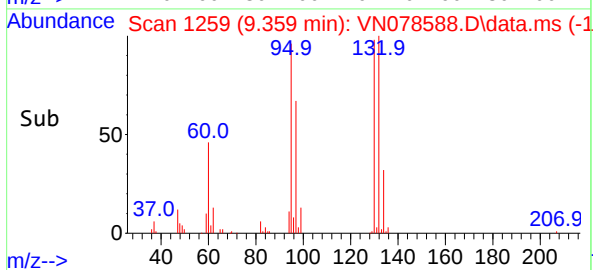
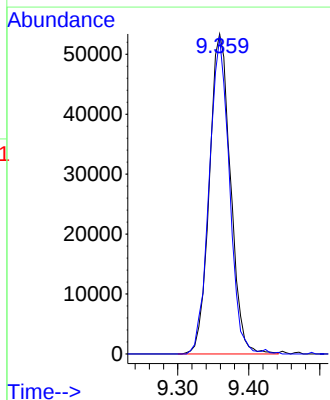
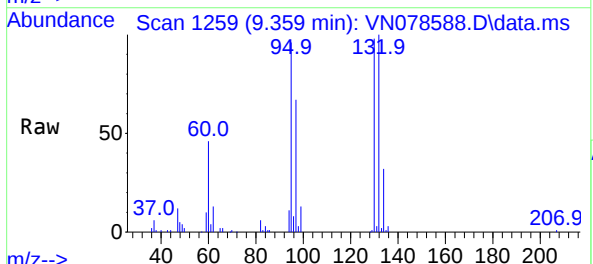
Reviewed By :John Carlone 07/21/2023

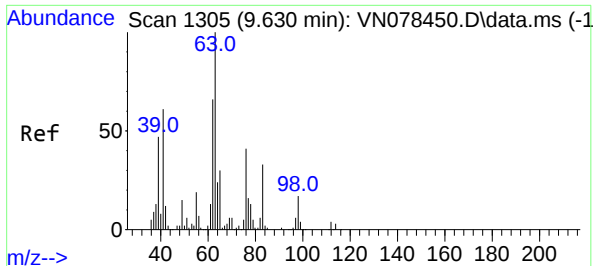
Supervised By :Mahesh Dadoda 07/21/2023



#44
Trichloroethene
Concen: 19.208 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

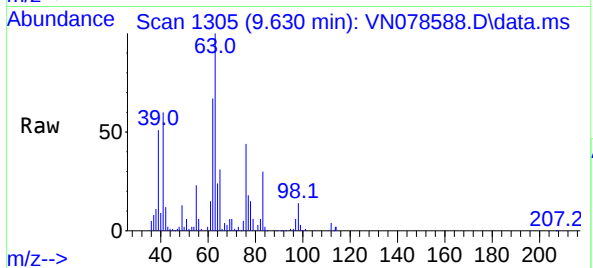
Tgt Ion:130 Resp: 109912
Ion Ratio Lower Upper
130 100
95 98.8 0.0 204.6





#45
1,2-Dichloropropane
Concen: 20.827 ug/l
RT: 9.630 min Scan# 11199
Delta R.T. -0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

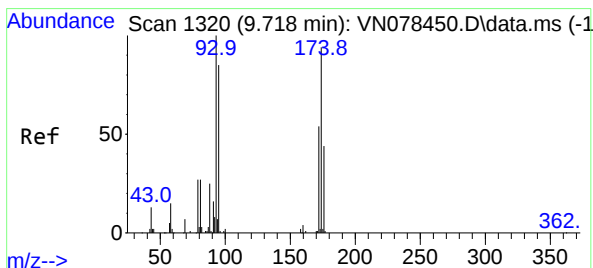
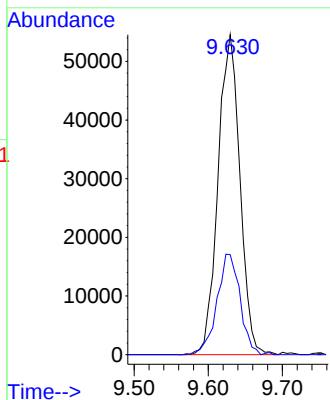
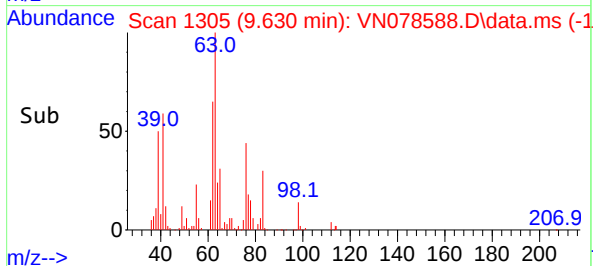
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



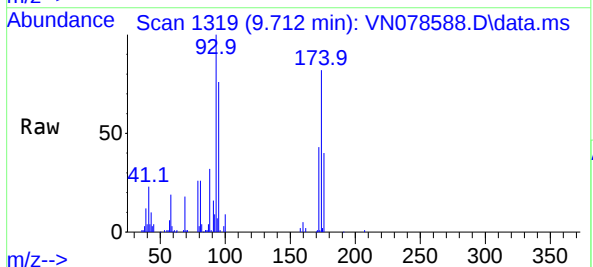
Tgt Ion: 63 Resp: 11199
Ion Ratio Lower Upper
63 100
65 31.2 23.9 35.9

Manual Integrations
APPROVED

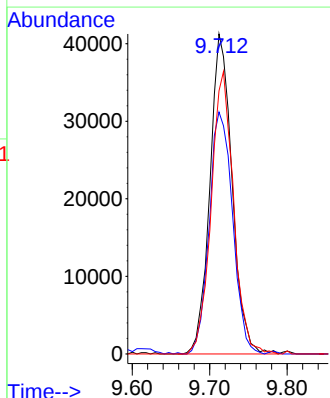
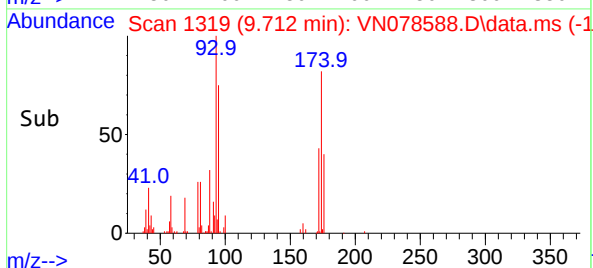
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

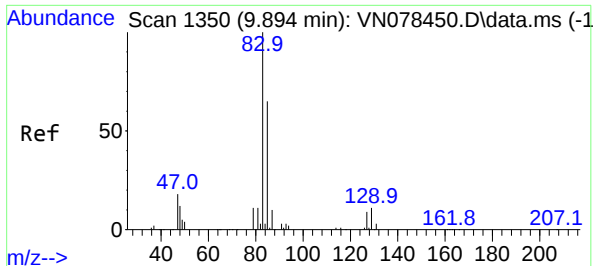


#46
Dibromomethane
Concen: 21.675 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33



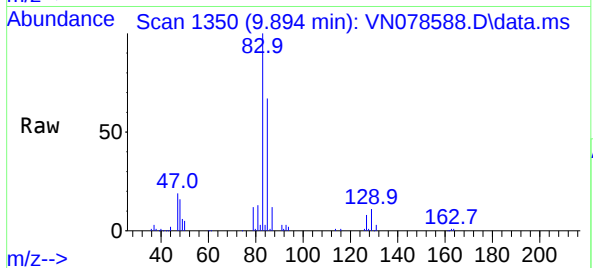
Tgt Ion: 93 Resp: 82035
Ion Ratio Lower Upper
93 100
95 79.9 63.8 95.8
174 88.8 65.6 98.4





#47
Bromodichloromethane
Concen: 20.890 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

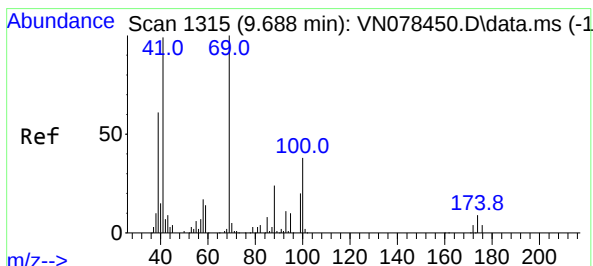
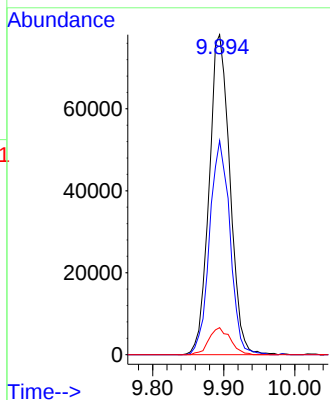
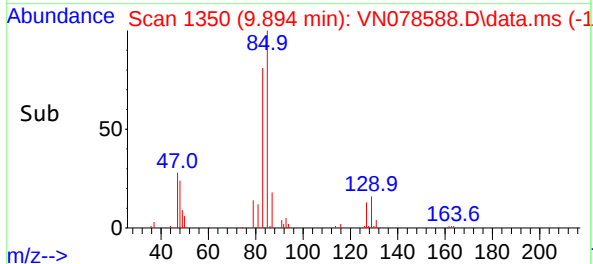
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



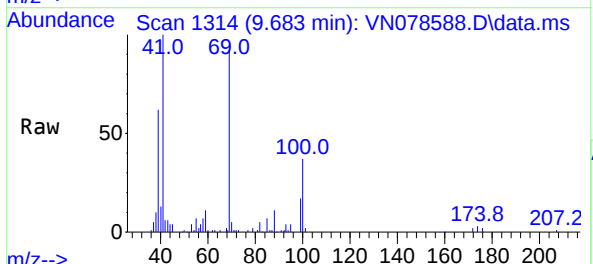
Tgt Ion: 83 Resp: 158490
Ion Ratio Lower Upper
83 100
85 66.8 49.6 74.4
127 8.4 7.0 10.6

Manual Integrations
APPROVED

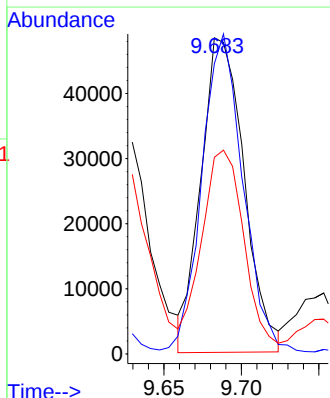
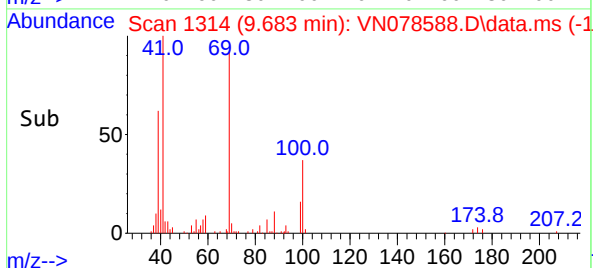
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

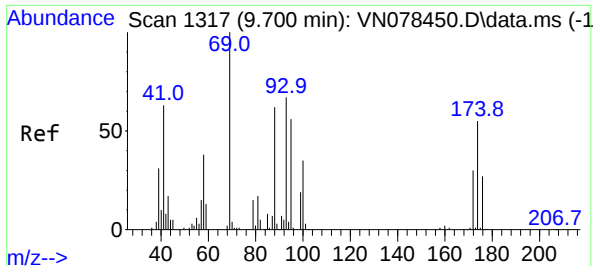


#48
Methyl methacrylate
Concen: 20.512 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. -0.005 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33



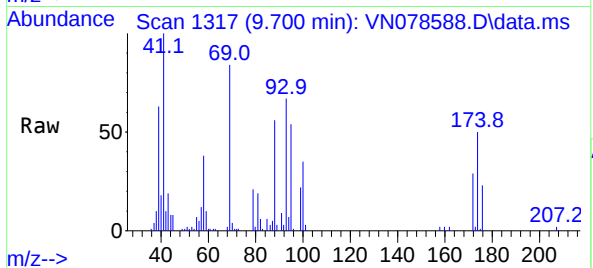
Tgt Ion: 41 Resp: 93469
Ion Ratio Lower Upper
41 100
69 96.7 90.4 135.6
39 64.4 54.6 81.8





#49
1,4-Dioxane
Concen: 388.619 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

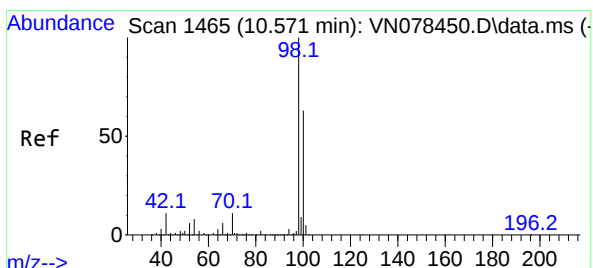
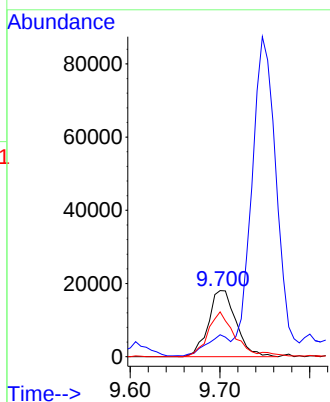
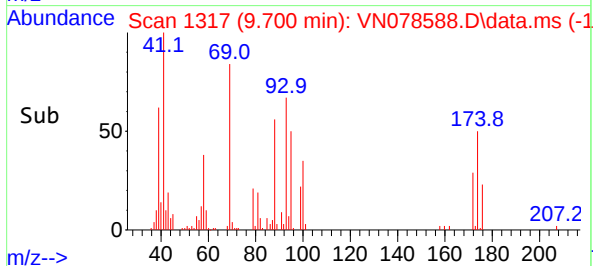
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



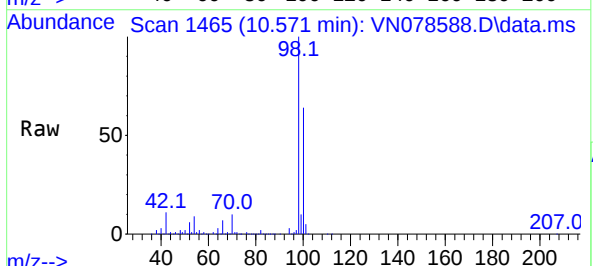
Tgt Ion: 88 Resp: 38619
Ion Ratio Lower Upper
88 100
43 26.9 17.0 25.6
58 63.3 47.0 70.4

Manual Integrations
APPROVED

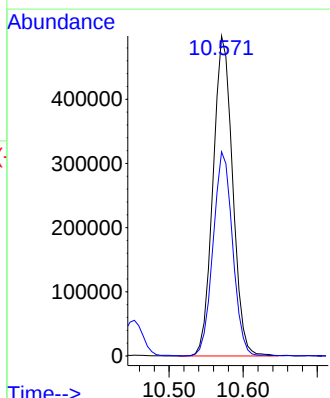
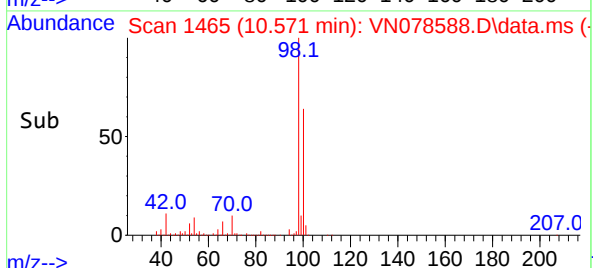
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

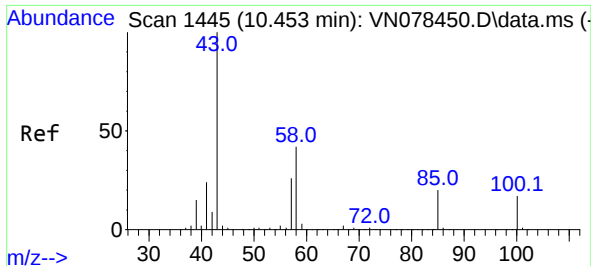


#50
Toluene-d8
Concen: 48.857 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33



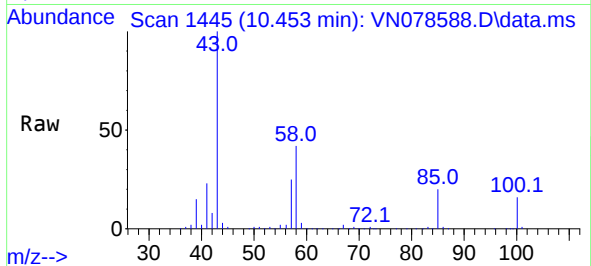
Tgt Ion: 98 Resp: 916063
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 106.258 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

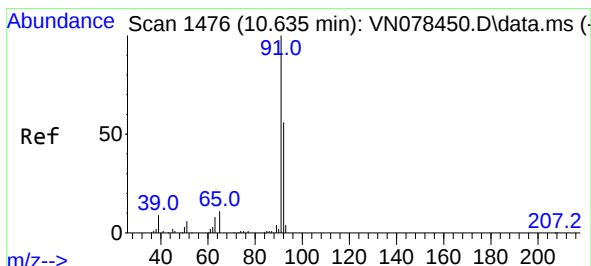
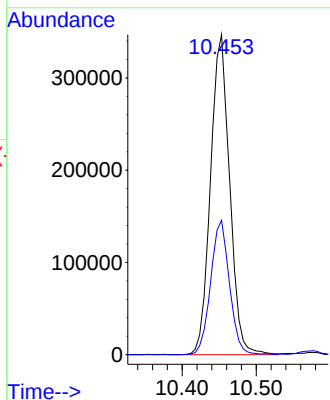
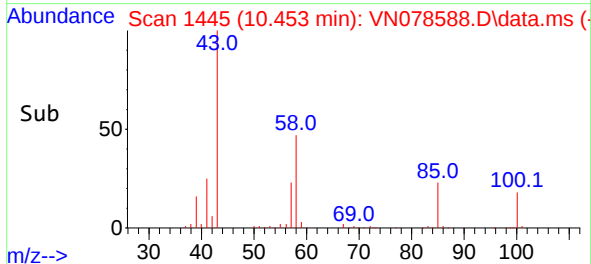
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



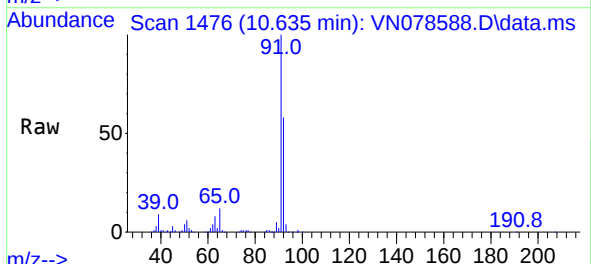
Tgt Ion: 43 Resp: 621649
Ion Ratio Lower Upper
43 100
58 41.4 36.6 54.8

Manual Integrations
APPROVED

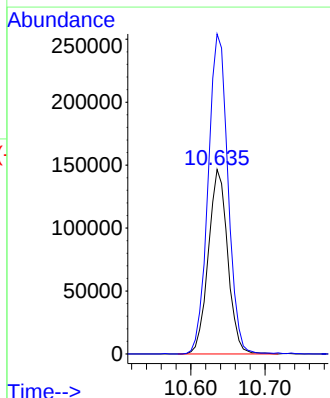
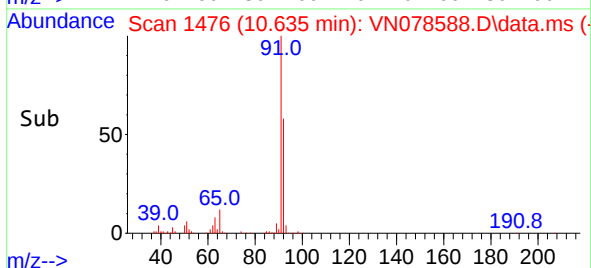
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

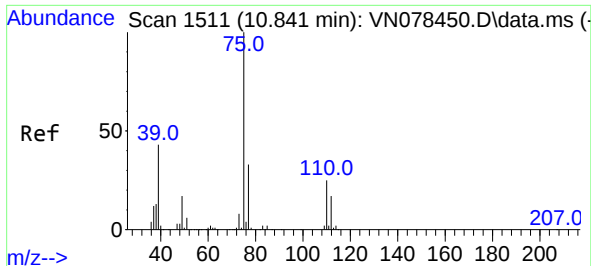


#52
Toluene
Concen: 20.208 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33



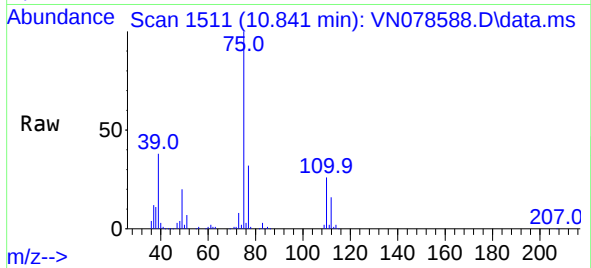
Tgt Ion: 92 Resp: 265909
Ion Ratio Lower Upper
92 100
91 177.8 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 20.896 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

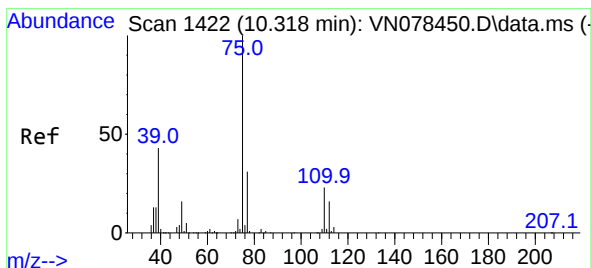
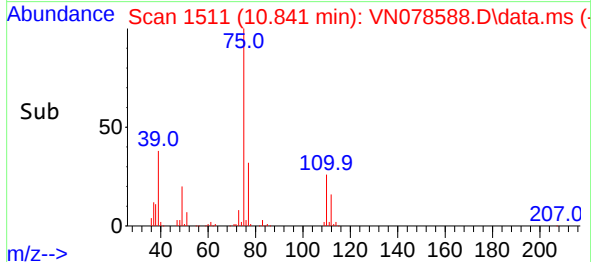
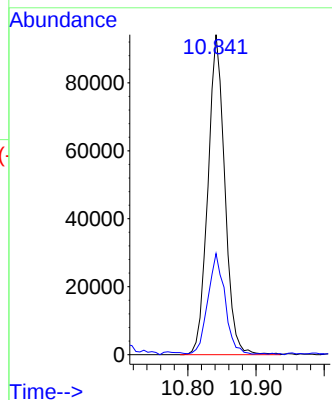
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



Tgt Ion: 75 Resp: 162415
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.0

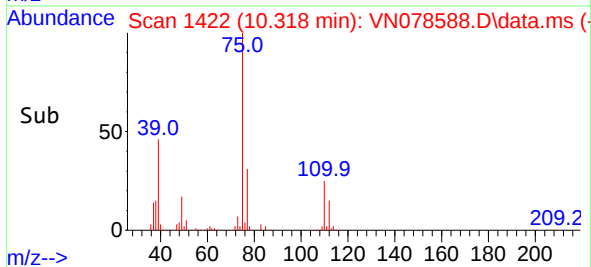
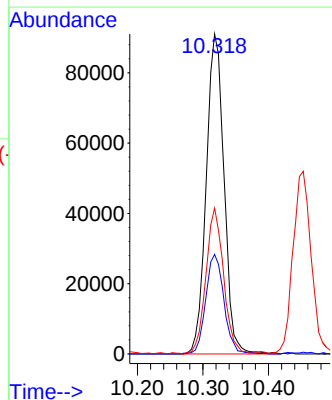
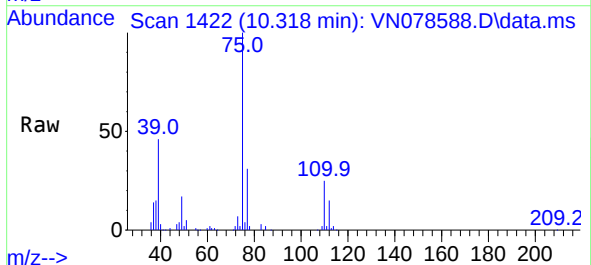
Manual Integrations
APPROVED

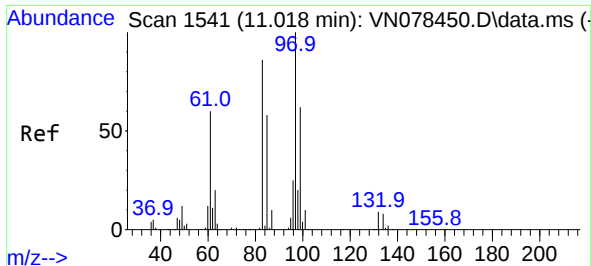
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#54
cis-1,3-Dichloropropene
Concen: 20.782 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

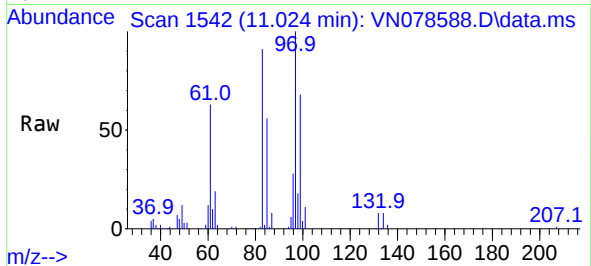
Tgt Ion: 75 Resp: 172181
Ion Ratio Lower Upper
75 100
77 31.1 26.1 39.1
39 45.4 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 22.120 ug/l
RT: 11.024 min Scan# 114679
Delta R.T. 0.006 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

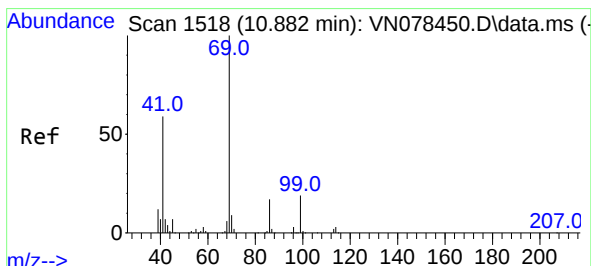
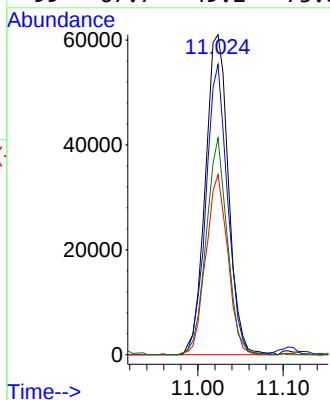
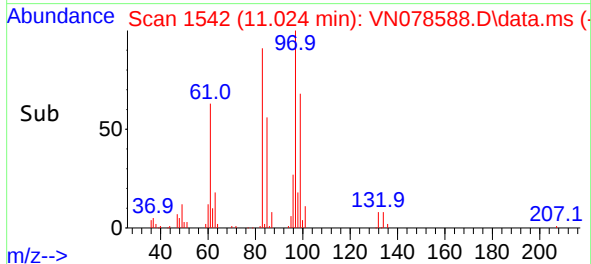
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



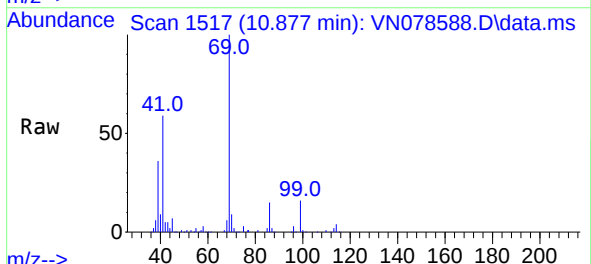
Tgt Ion: 97 Resp: 114679
Ion Ratio Lower Upper
97 100
83 90.7 65.1 97.7
85 56.3 43.4 65.2
99 67.7 49.2 73.8

Manual Integrations
APPROVED

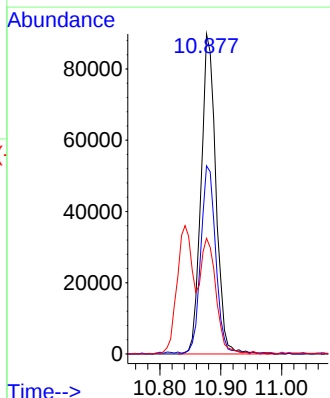
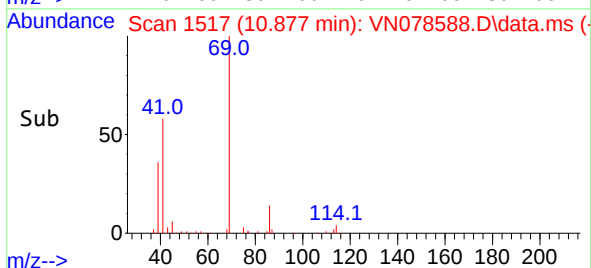
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

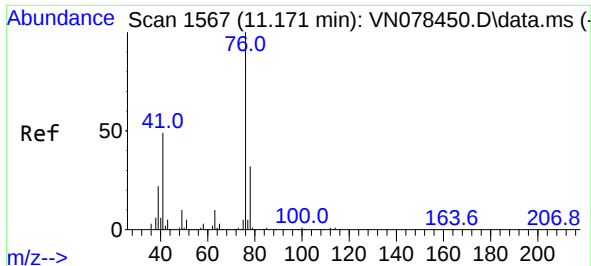


#56
Ethyl methacrylate
Concen: 20.965 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.005 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33



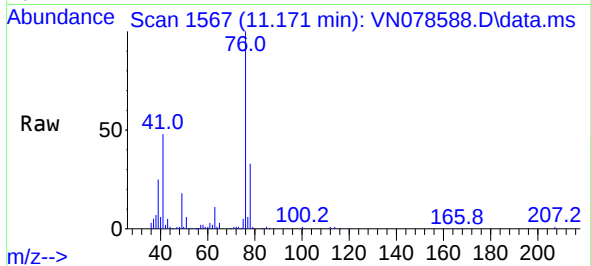
Tgt Ion: 69 Resp: 151937
Ion Ratio Lower Upper
69 100
41 58.8 39.6 59.4
39 38.1 28.6 43.0





#57
1,3-Dichloropropane
Concen: 20.797 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

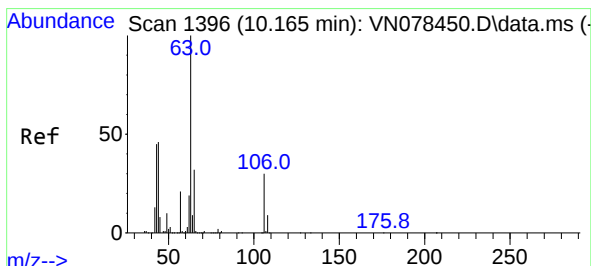
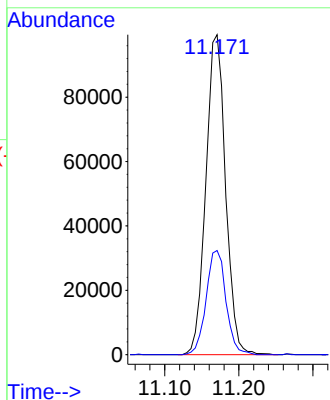
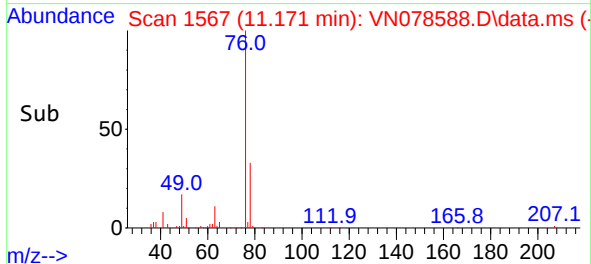
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



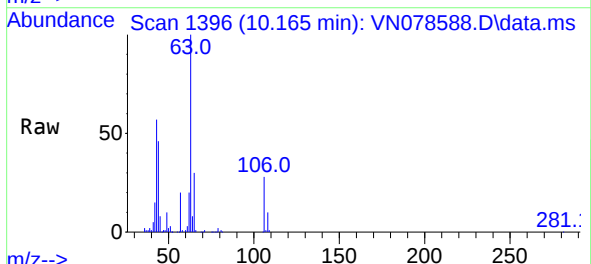
Tgt Ion: 76 Resp: 183329
Ion Ratio Lower Upper
76 100
78 32.9 26.1 39.1

Manual Integrations
APPROVED

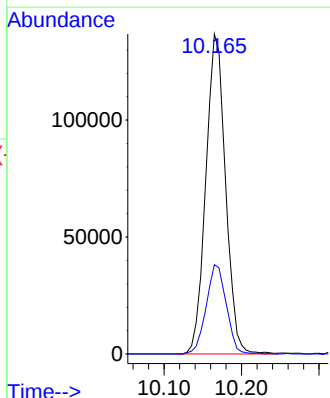
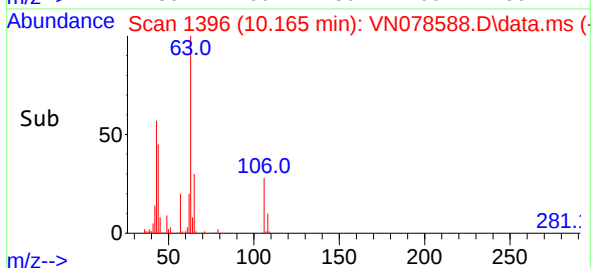
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

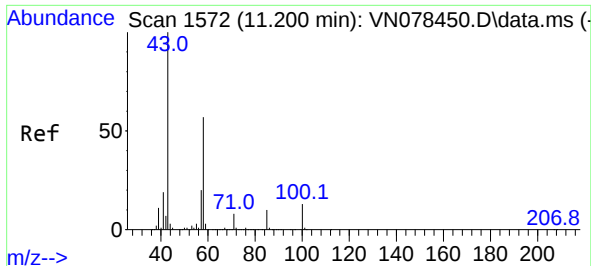


#58
2-Chloroethyl Vinyl ether
Concen: 93.657 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33



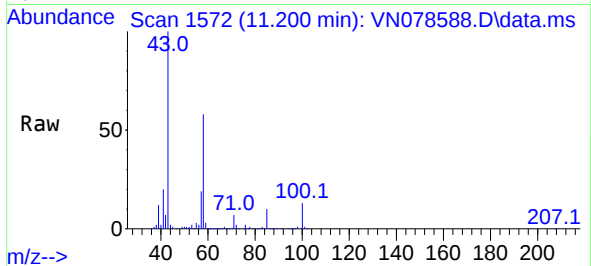
Tgt Ion: 63 Resp: 241894
Ion Ratio Lower Upper
63 100
106 28.4 26.2 39.4





#59
2-Hexanone
Concen: 103.649 ug/l
RT: 11.200 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

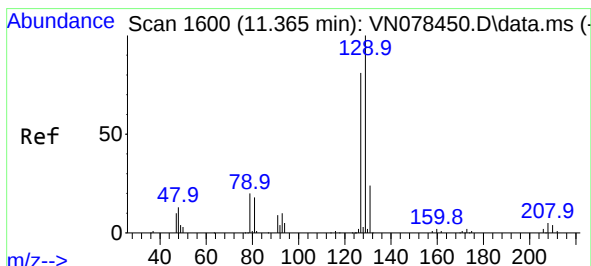
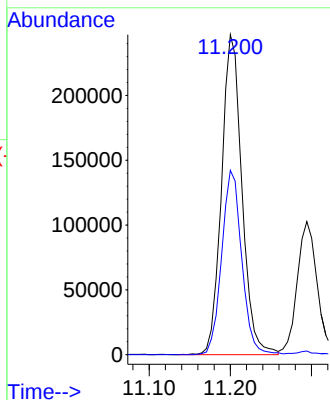
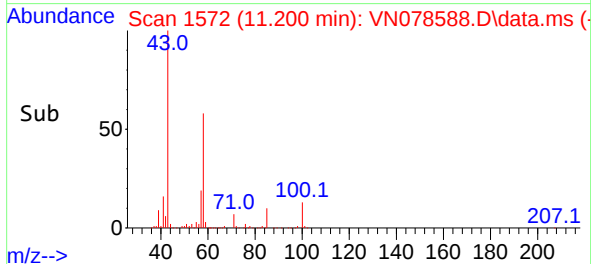
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



Tgt Ion: 43 Resp: 43096
Ion Ratio Lower Upper
43 100
58 56.6 31.7 95.1

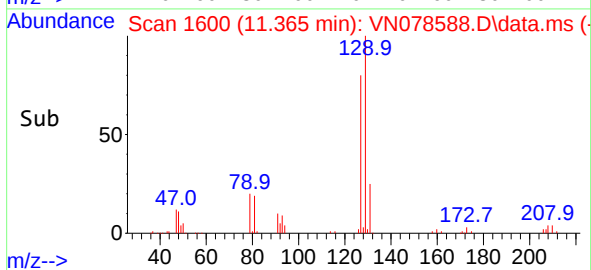
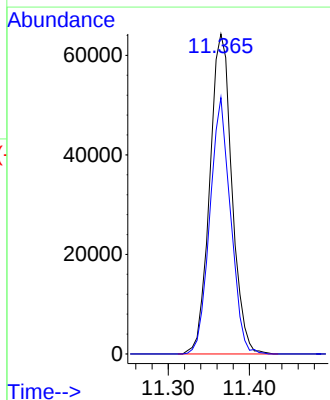
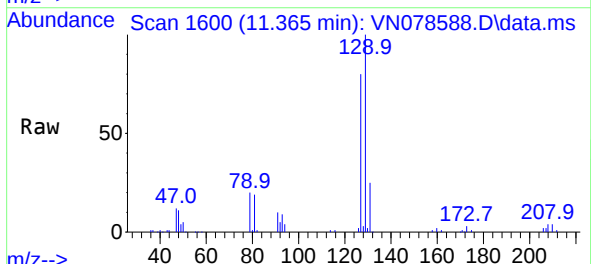
Manual Integrations
APPROVED

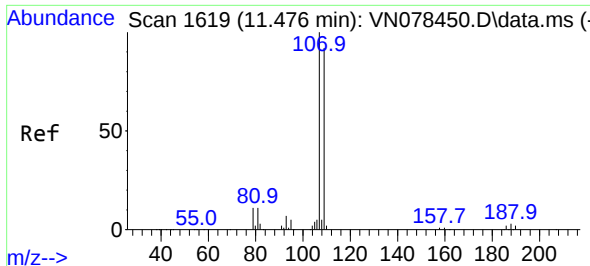
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#60
Dibromochloromethane
Concen: 21.264 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

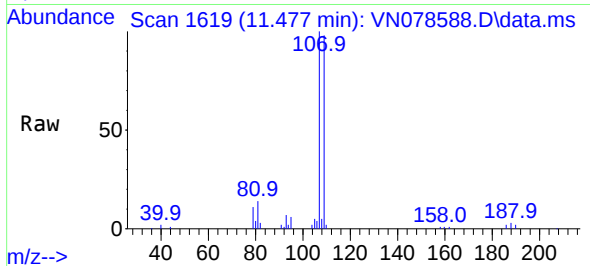
Tgt Ion:129 Resp: 121705
Ion Ratio Lower Upper
129 100
127 74.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 20.605 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.001 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

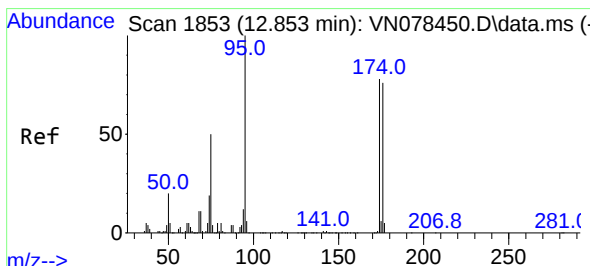
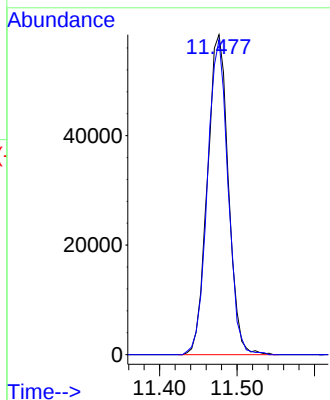
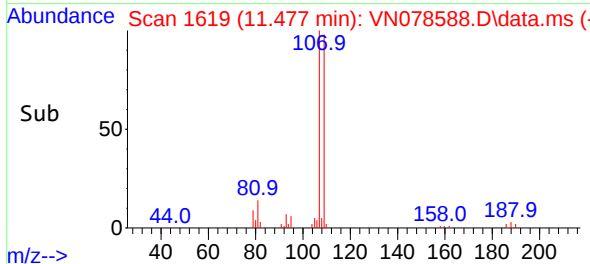
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



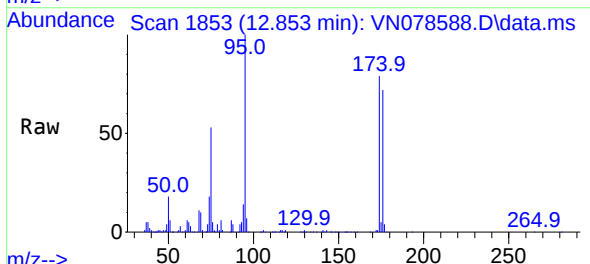
Tgt Ion:107 Resp: 11004
Ion Ratio Lower Upper
107 100
109 96.5 76.6 114.8

Manual Integrations
APPROVED

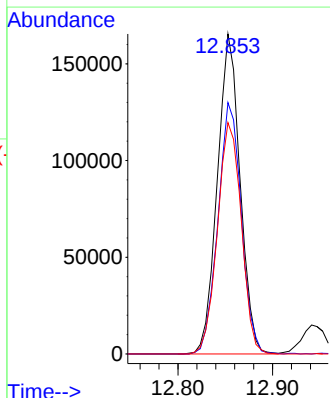
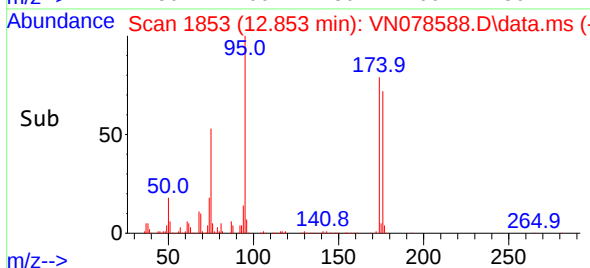
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

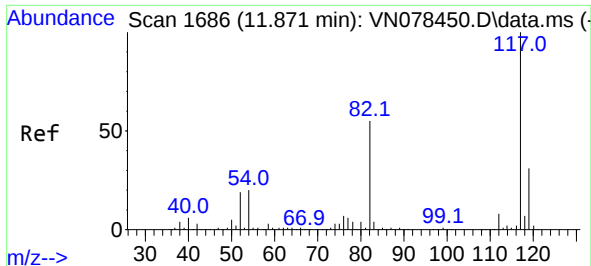


#62
4-Bromofluorobenzene
Concen: 47.784 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33



Tgt Ion: 95 Resp: 275967
Ion Ratio Lower Upper
95 100
174 80.6 0.0 143.8
176 75.7 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

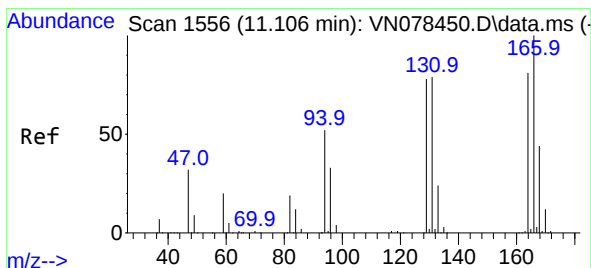
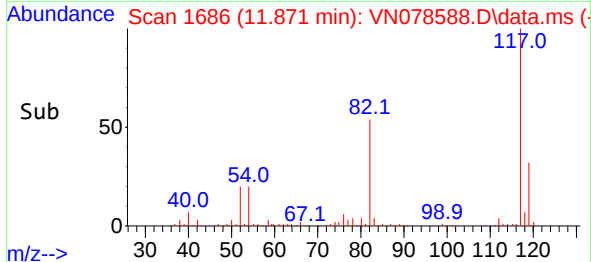
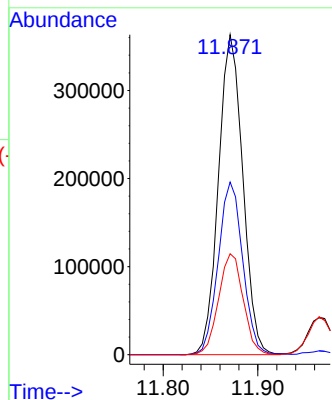
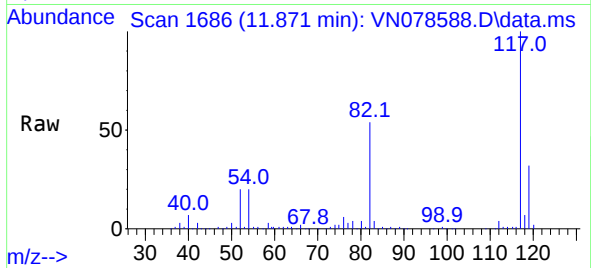
VN0720WBSD01

Tgt Ion:117 Resp: 64871
Ion Ratio Lower Upper
117 100
82 53.9 44.0 66.0
119 31.5 25.6 38.4

Manual Integrations

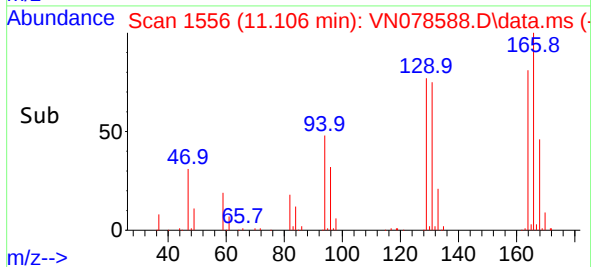
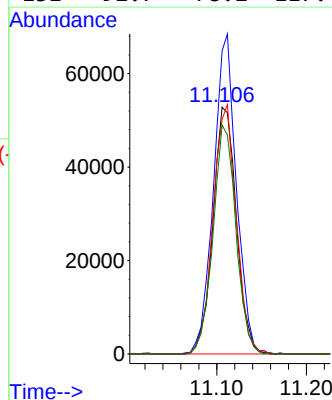
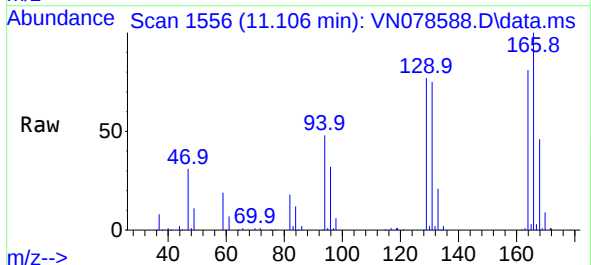
APPROVED

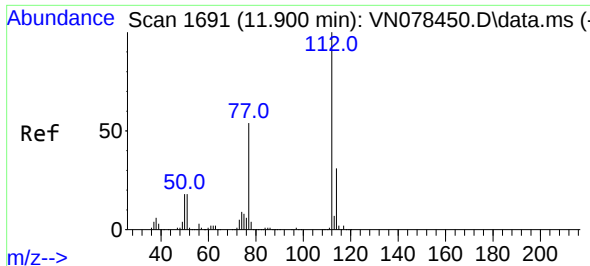
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#64
Tetrachloroethene
Concen: 19.632 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

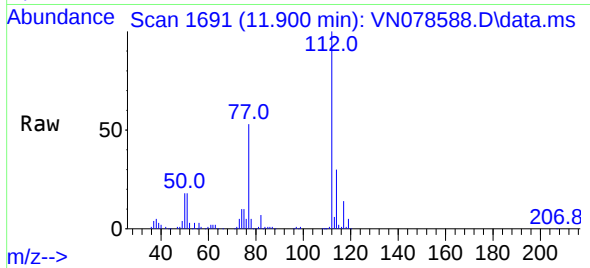
Tgt Ion:164 Resp: 95747
Ion Ratio Lower Upper
164 100
166 122.8 101.4 152.0
129 95.1 82.4 123.6
131 92.7 78.2 117.4





#65
Chlorobenzene
Concen: 19.494 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

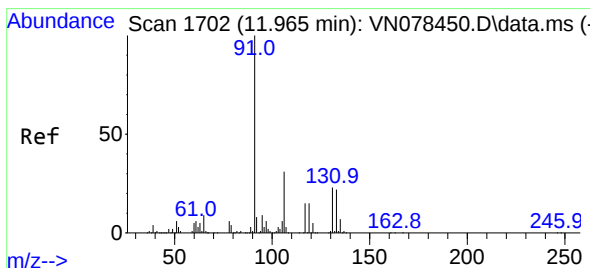
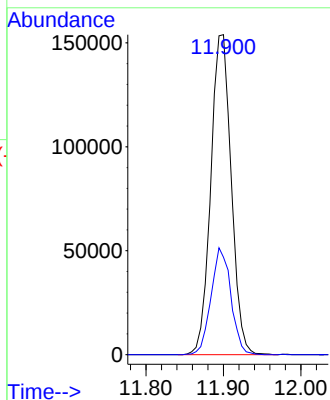
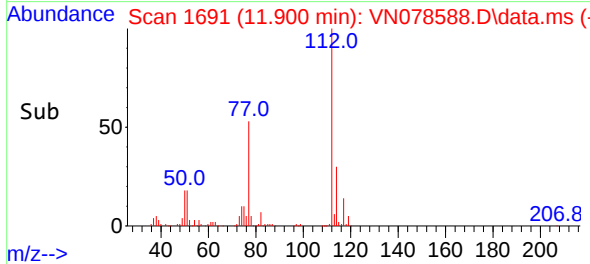
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



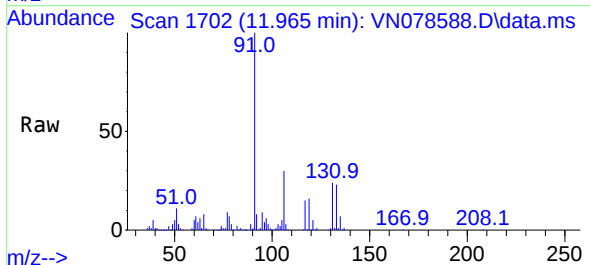
Tgt Ion:112 Resp: 282669
Ion Ratio Lower Upper
112 100
114 30.4 25.0 37.4

Manual Integrations
APPROVED

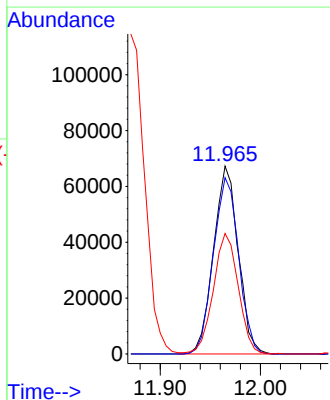
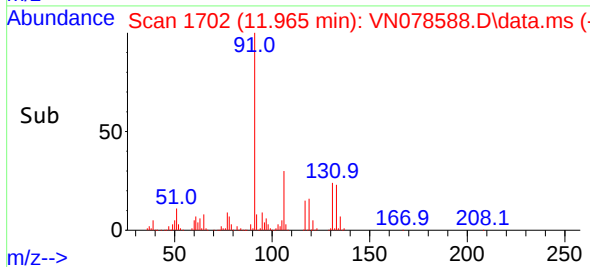
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

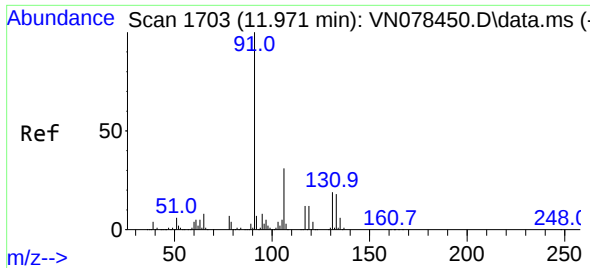


#66
1,1,1,2-Tetrachloroethane
Concen: 20.623 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33



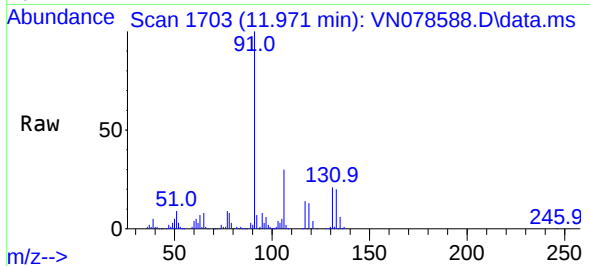
Tgt Ion:131 Resp: 115042
Ion Ratio Lower Upper
131 100
133 96.0 46.4 139.1
119 64.8 34.1 102.2





#67
Ethyl Benzene
Concen: 19.706 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

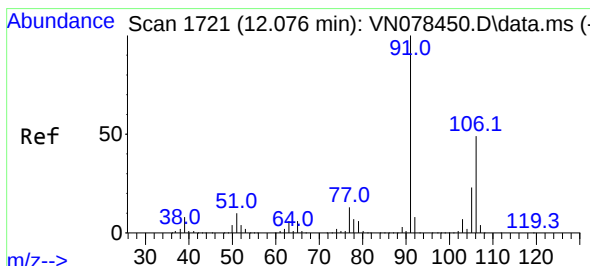
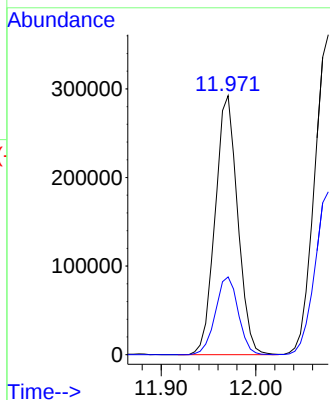
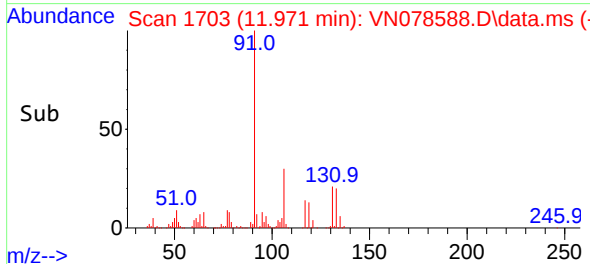
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



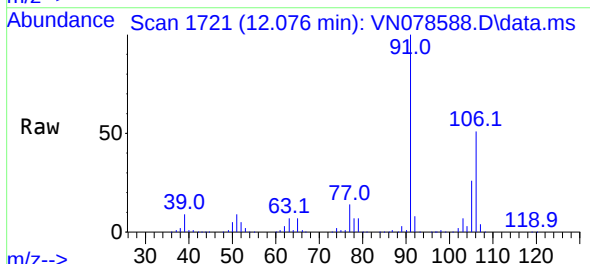
Tgt Ion: 91 Resp: 482999
Ion Ratio Lower Upper
91 100
106 30.0 25.6 38.4

Manual Integrations
APPROVED

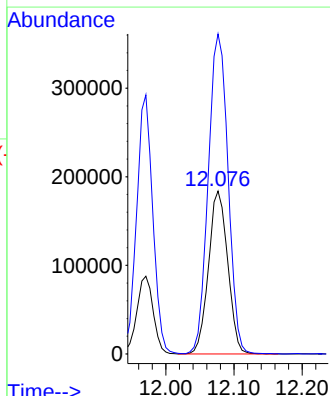
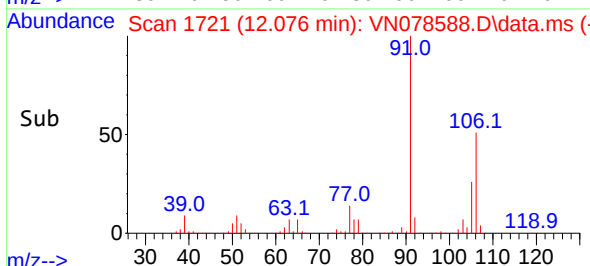
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

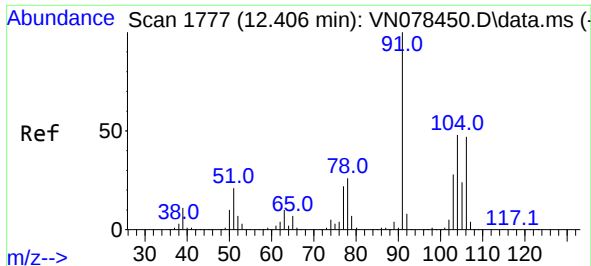


#68
m/p-Xylenes
Concen: 39.796 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33



Tgt Ion:106 Resp: 360639
Ion Ratio Lower Upper
106 100
91 202.0 159.6 239.4





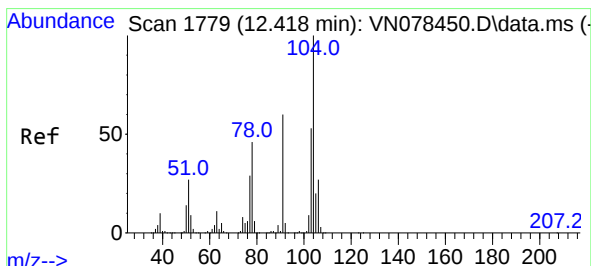
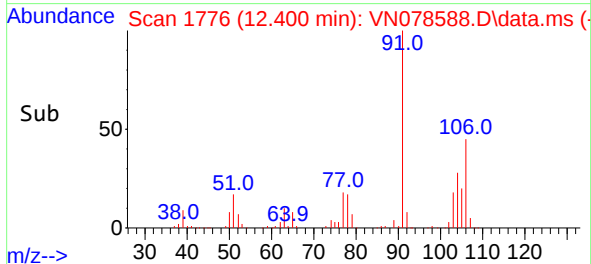
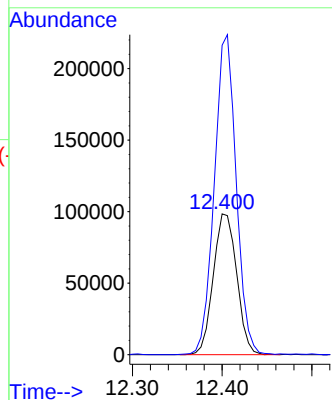
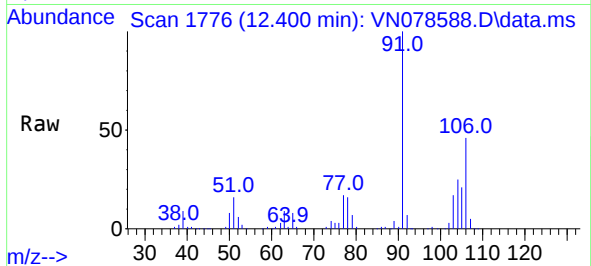
#69
o-Xylene
Concen: 19.483 ug/l
RT: 12.400 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01

Tgt Ion:106 Resp: 17833
Ion Ratio Lower Upper
106 100
91 212.2 105.2 315.5

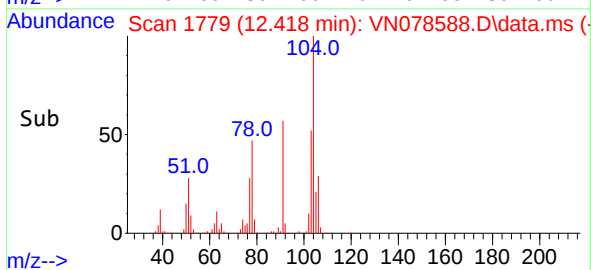
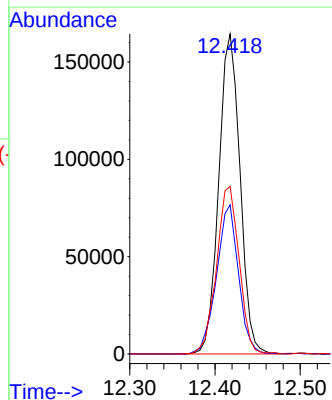
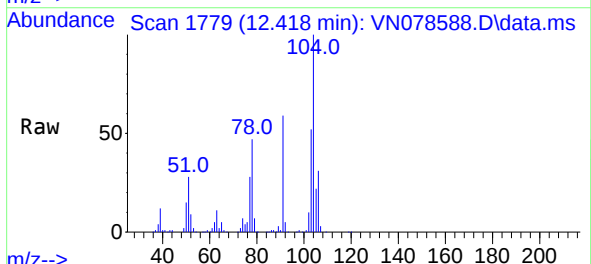
Manual Integrations
APPROVED

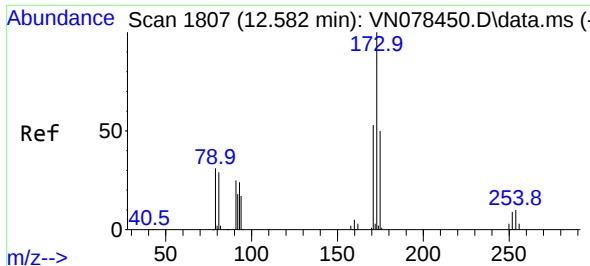
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#70
Styrene
Concen: 19.947 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

Tgt Ion:104 Resp: 285646
Ion Ratio Lower Upper
104 100
78 48.3 39.5 59.3
103 55.7 43.2 64.8





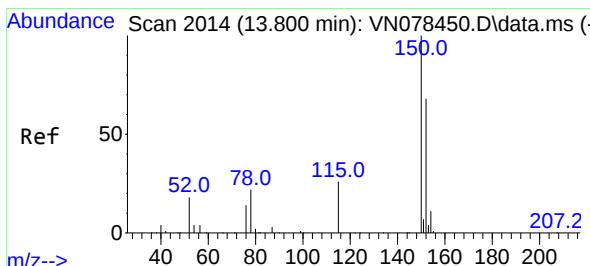
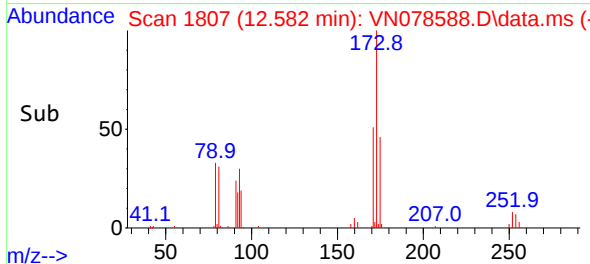
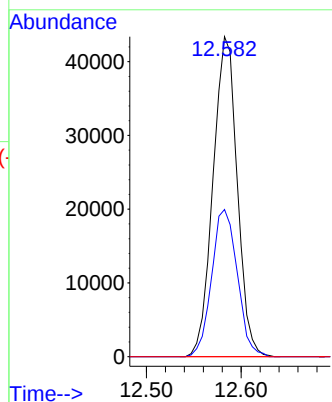
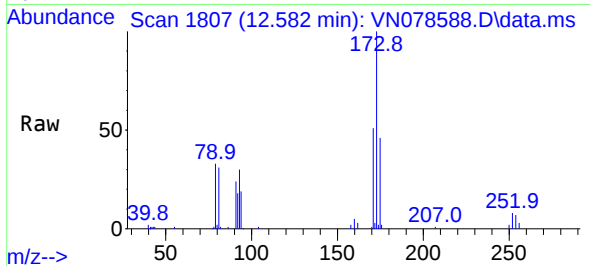
#71
Bromoform
Concen: 20.376 ug/l
RT: 12.582 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01

Tgt Ion:173 Resp: 76980
Ion Ratio Lower Upper
173 100
175 48.8 24.3 73.0
254 0.0 0.0 0.0

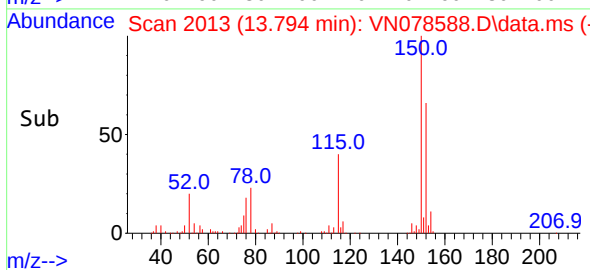
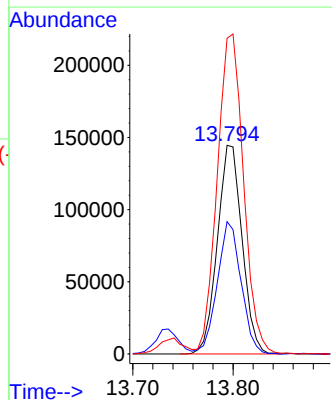
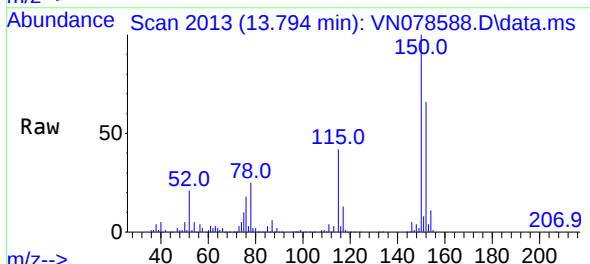
Manual Integrations
APPROVED

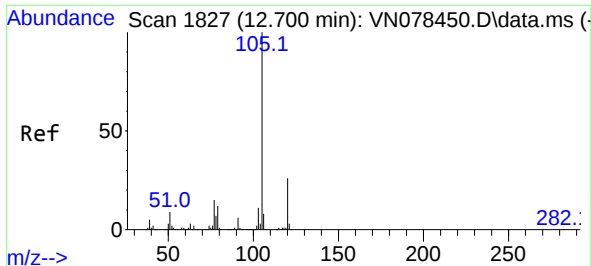
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

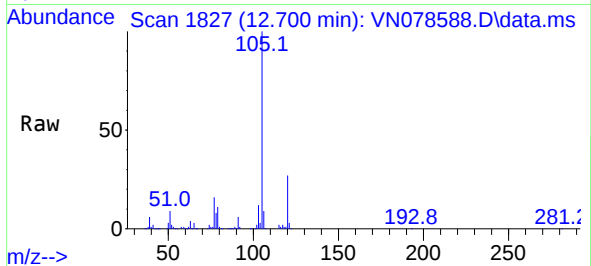
Tgt Ion:152 Resp: 247523
Ion Ratio Lower Upper
152 100
115 61.1 32.3 96.8
150 163.7 0.0 355.8





#73
Isopropylbenzene
Concen: 18.800 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

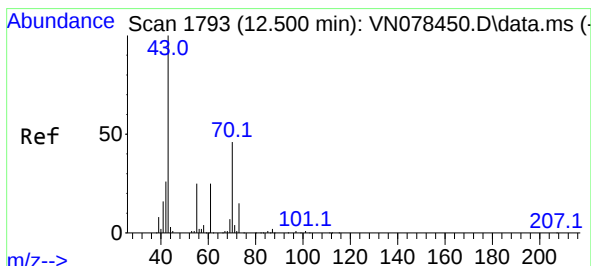
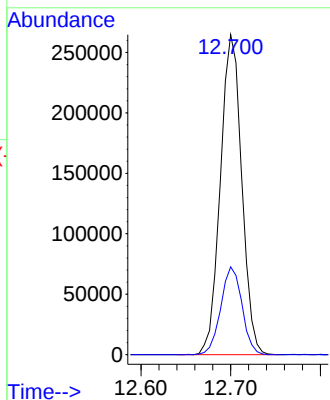
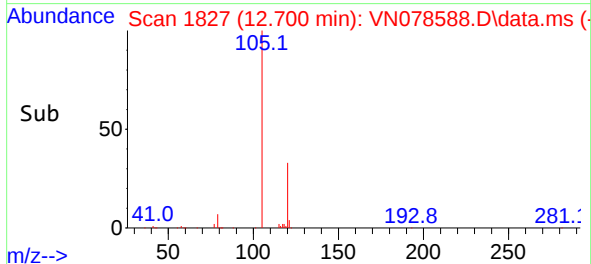
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



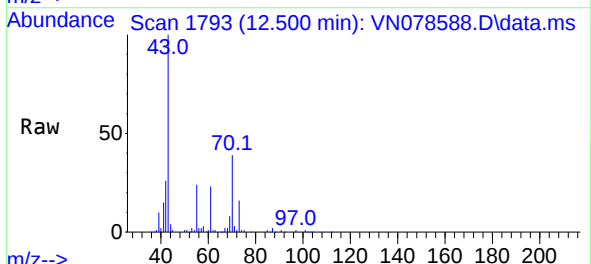
Tgt Ion:105 Resp: 43725
Ion Ratio Lower Upper
105 100
120 27.2 13.1 39.1

Manual Integrations
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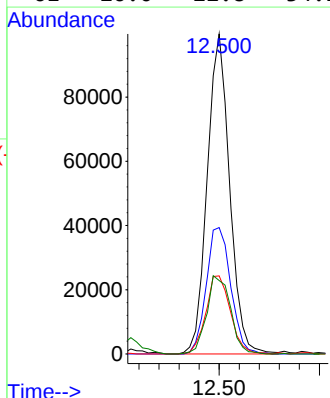
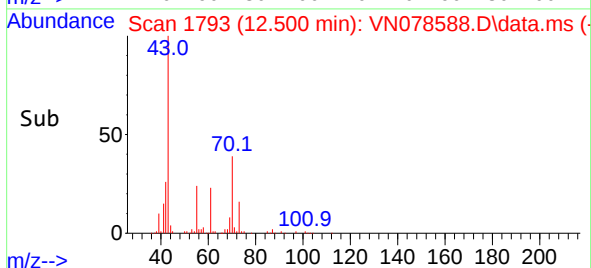
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

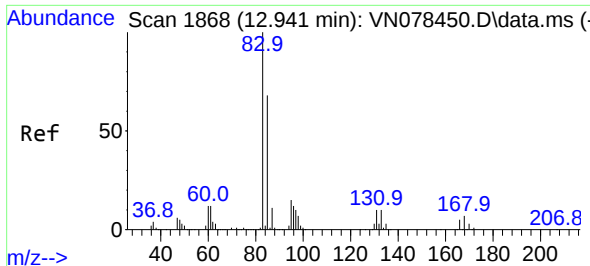


#74
N-ethyl acetate
Concen: 19.331 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33



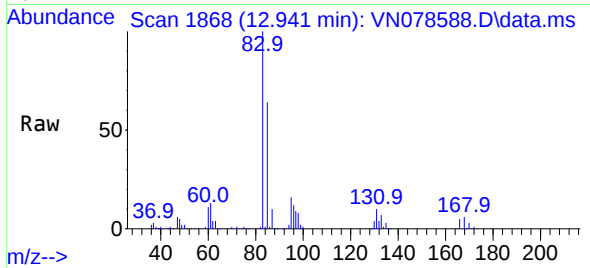
Tgt Ion: 43 Resp: 154940
Ion Ratio Lower Upper
43 100
70 43.1 43.4 65.2#
55 26.8 21.4 32.0
61 26.0 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 22.244 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

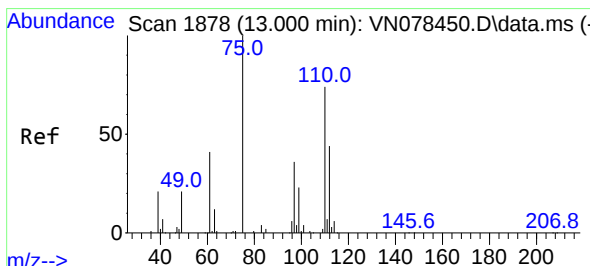
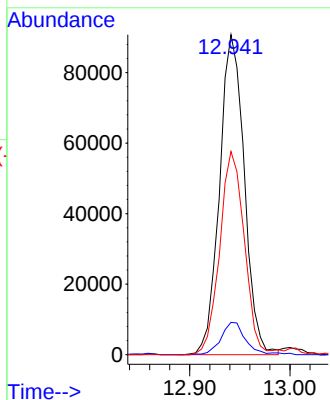
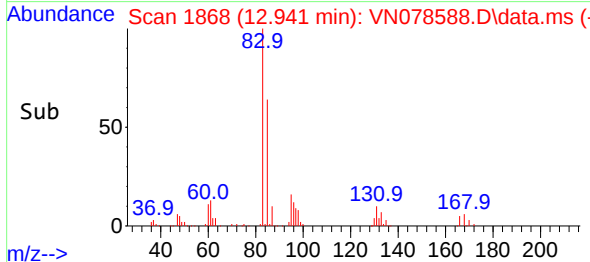
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



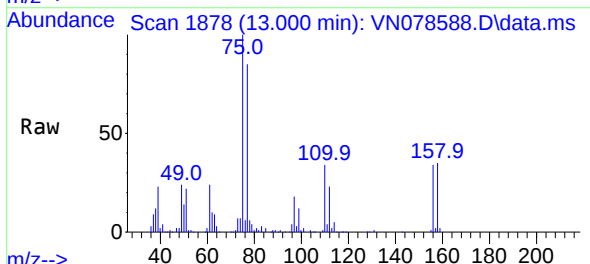
Tgt Ion: 83 Resp: 15567
Ion Ratio Lower Upper
83 100
131 10.1 5.0 15.0
85 63.0 31.9 95.7

Manual Integrations
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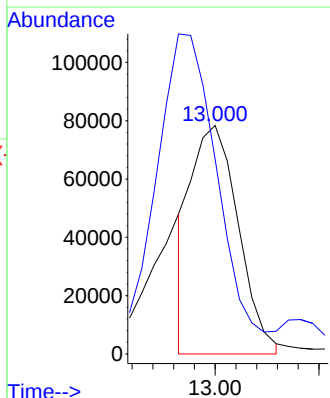
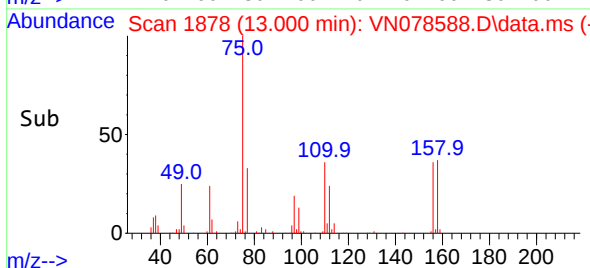
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

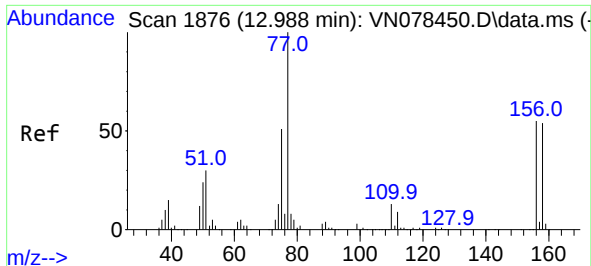


#76
1,2,3-Trichloropropane
Concen: 20.707 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33



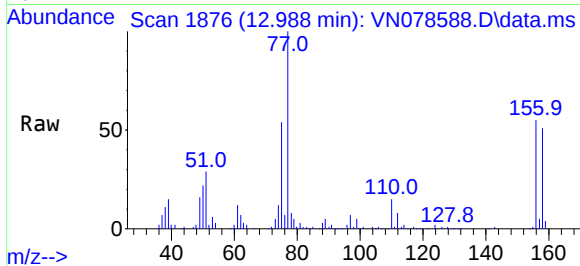
Tgt Ion: 75 Resp: 123888
Ion Ratio Lower Upper
75 100
77 183.6 84.5 253.5





#77
Bromobenzene
Concen: 20.270 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

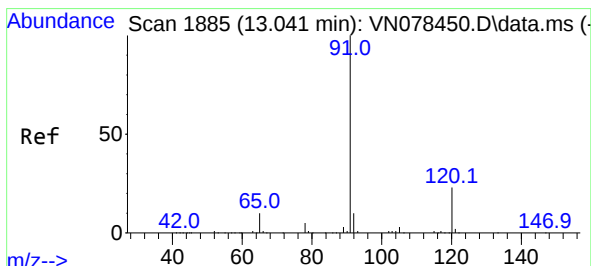
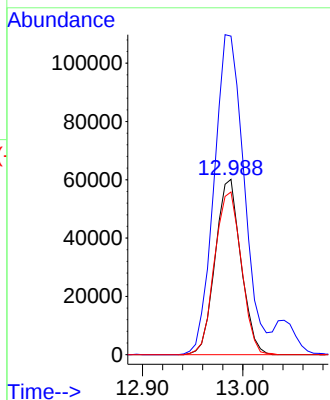
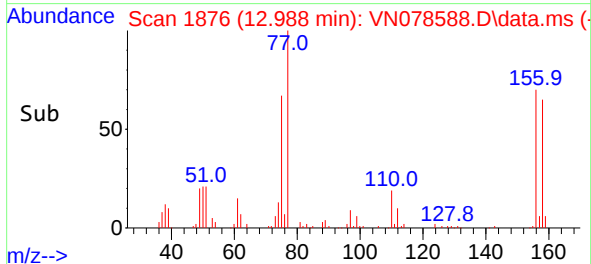
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



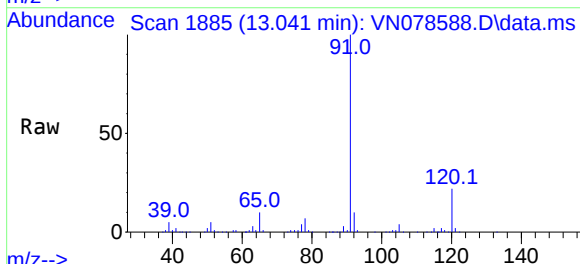
Tgt Ion:156 Resp: 107169
Ion Ratio Lower Upper
156 100
77 212.2 107.7 323.3
158 96.4 48.4 145.3

Manual Integrations
APPROVED

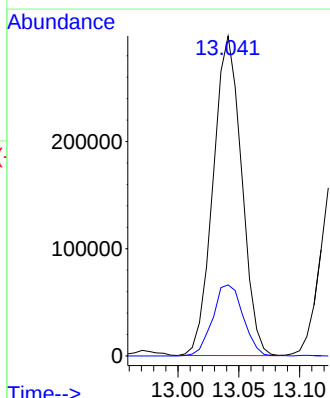
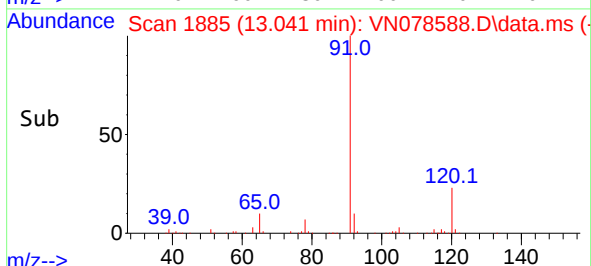
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

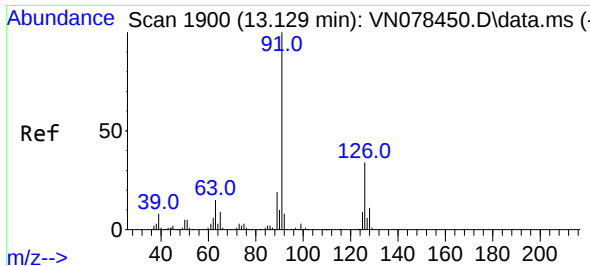


#78
n-propylbenzene
Concen: 19.488 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33



Tgt Ion: 91 Resp: 484741
Ion Ratio Lower Upper
91 100
120 23.8 11.5 34.4





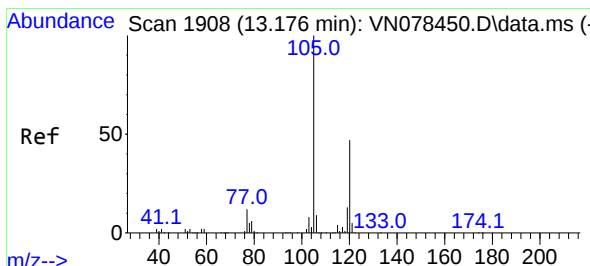
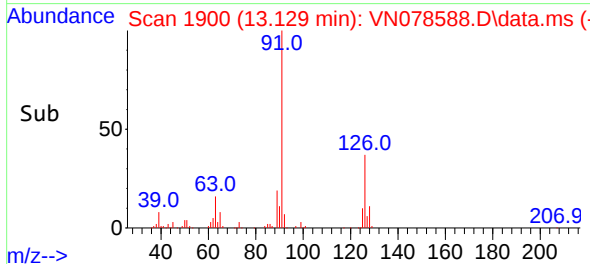
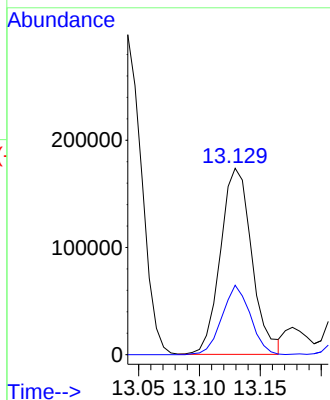
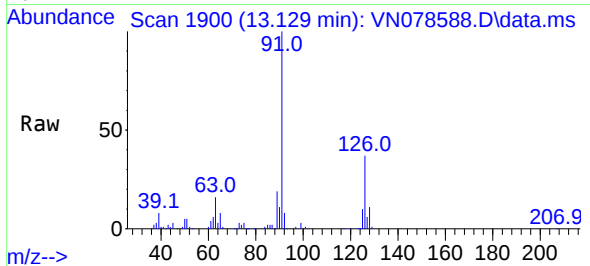
#79
2-Chlorotoluene
Concen: 19.127 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01

Tgt Ion: 91 Resp: 31162
Ion Ratio Lower Upper
91 100
126 33.7 16.3 48.8

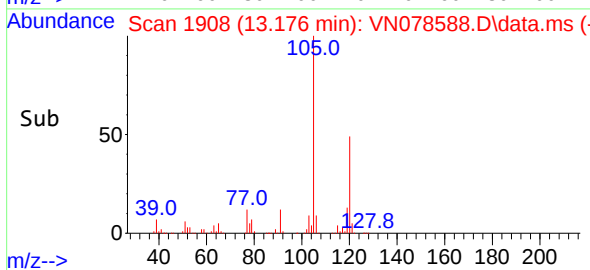
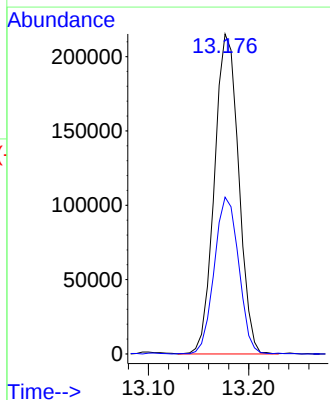
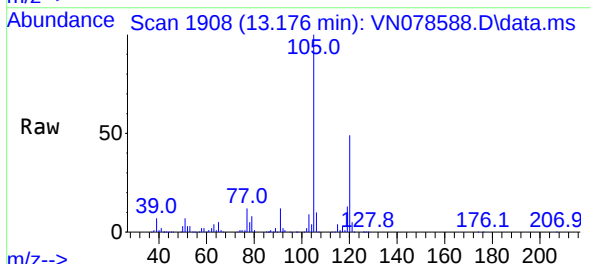
Manual Integrations
APPROVED

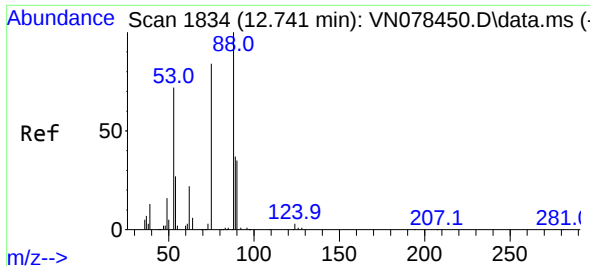
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.655 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

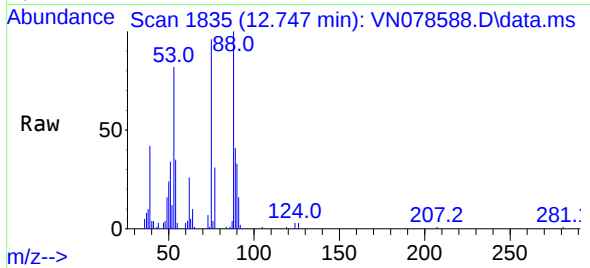
Tgt Ion:105 Resp: 361190
Ion Ratio Lower Upper
105 100
120 49.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 18.488 ug/l
RT: 12.747 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

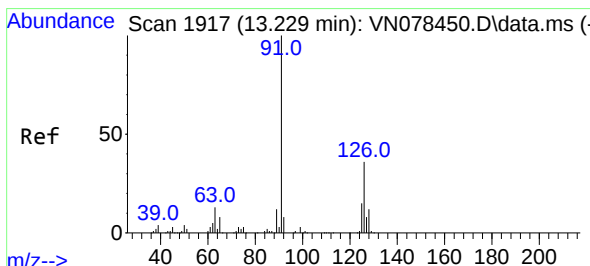
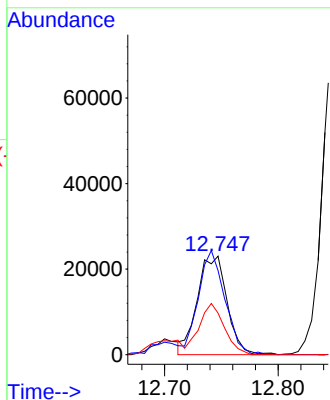
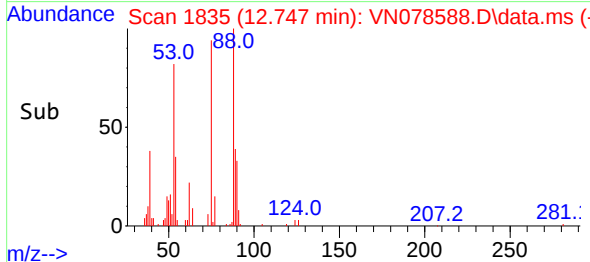
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



Tgt Ion: 75 Resp: 42094
Ion Ratio Lower Upper
75 100
53 94.9 67.4 101.2
89 43.8 38.8 58.2

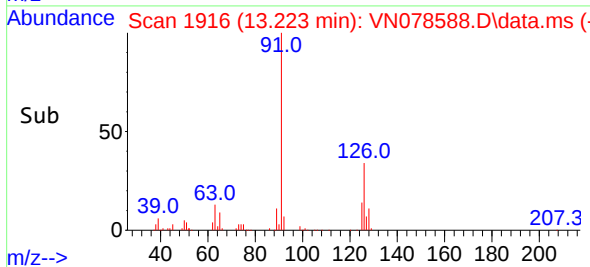
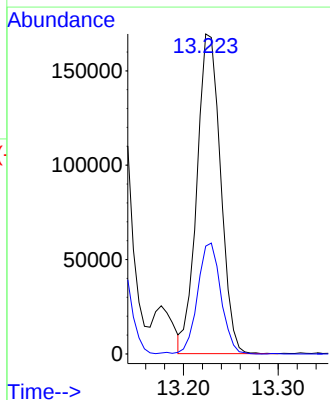
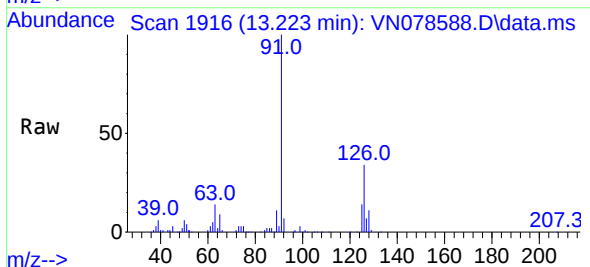
Manual Integrations
APPROVED

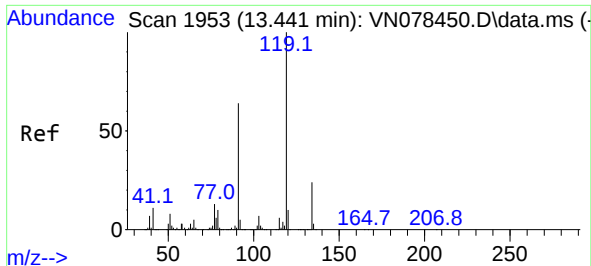
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#82
4-Chlorotoluene
Concen: 19.317 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

Tgt Ion: 91 Resp: 293586
Ion Ratio Lower Upper
91 100
126 34.2 16.7 50.0





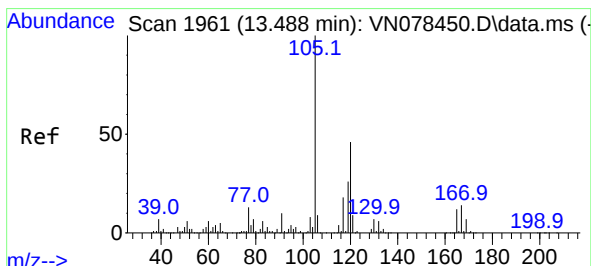
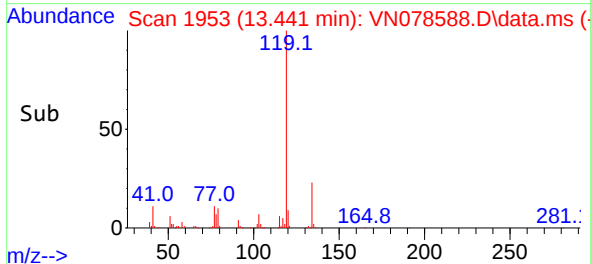
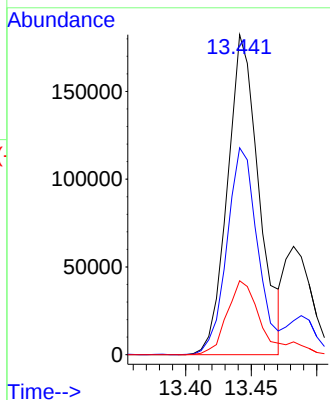
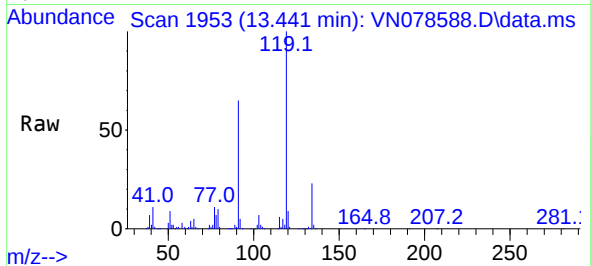
#83
tert-Butylbenzene
Concen: 19.523 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01

Tgt Ion:119 Resp: 304602
Ion Ratio Lower Upper
119 100
91 63.2 33.9 101.7
134 25.9 13.2 39.6

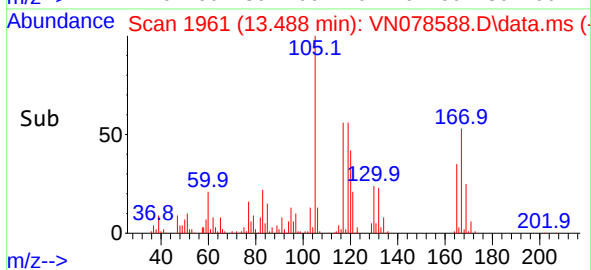
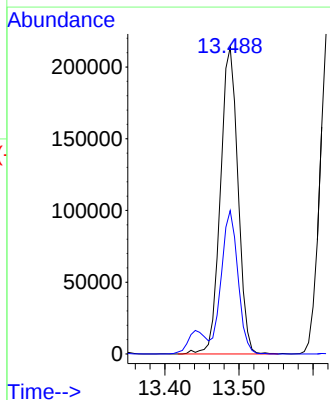
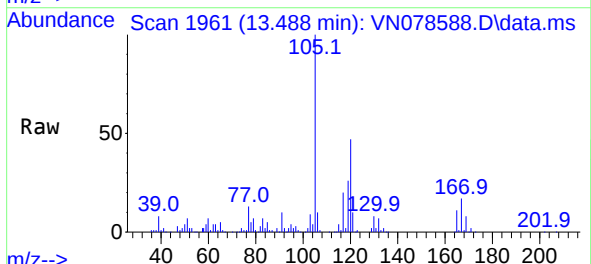
Manual Integrations
APPROVED

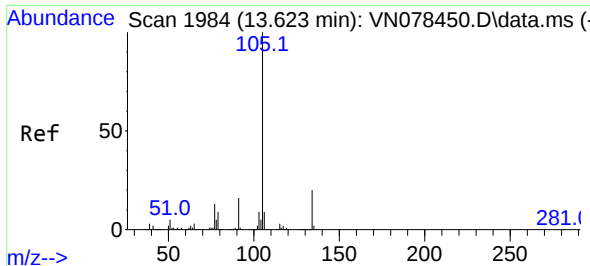
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#84
1,2,4-Trimethylbenzene
Concen: 19.701 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

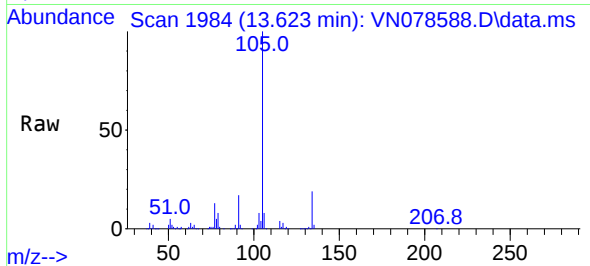
Tgt Ion:105 Resp: 351673
Ion Ratio Lower Upper
105 100
120 44.3 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 19.220 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078588.D
 Acq: 20 Jul 2023 12:33

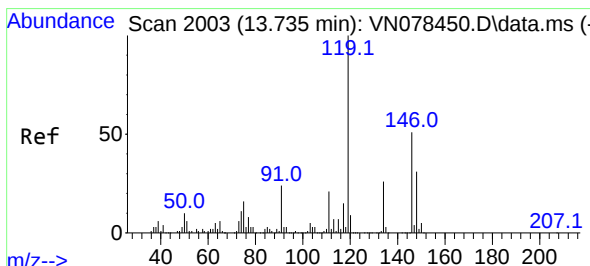
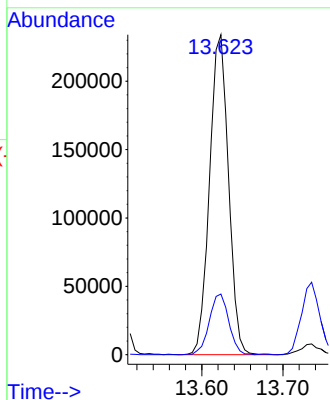
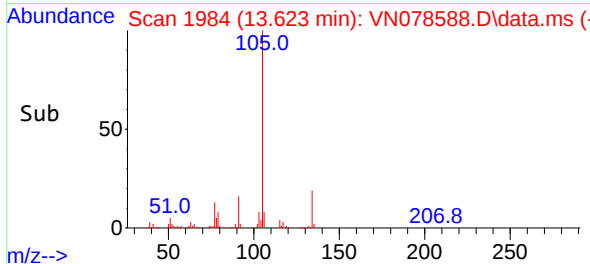
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0720WBSD01



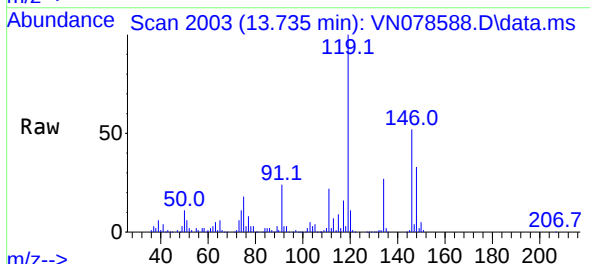
Tgt Ion:105 Resp: 37903
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3

Manual Integrations
 APPROVED

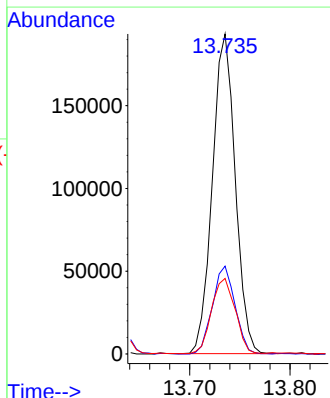
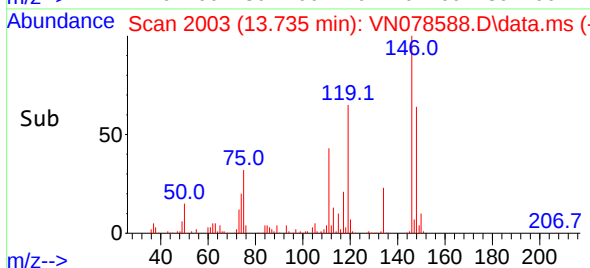
Reviewed By :John Carlone 07/21/2023
 Supervised By :Mahesh Dadoda 07/21/2023

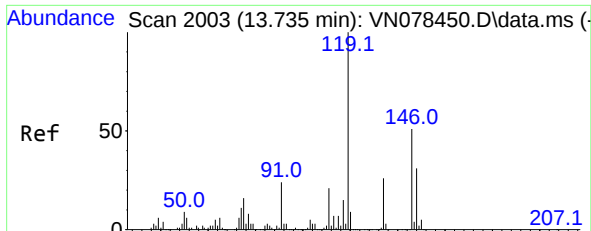


#86
 p-Isopropyltoluene
 Concen: 19.291 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078588.D
 Acq: 20 Jul 2023 12:33



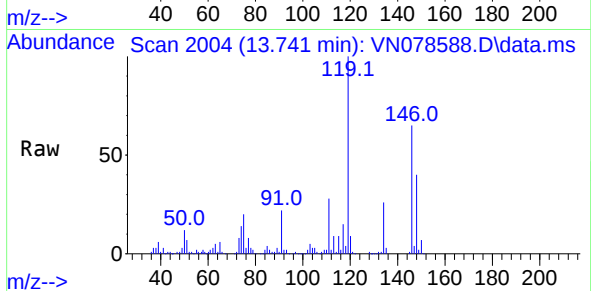
Tgt Ion:119 Resp: 305479
 Ion Ratio Lower Upper
 119 100
 134 27.1 12.6 37.8
 91 24.4 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 19.566 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.006 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

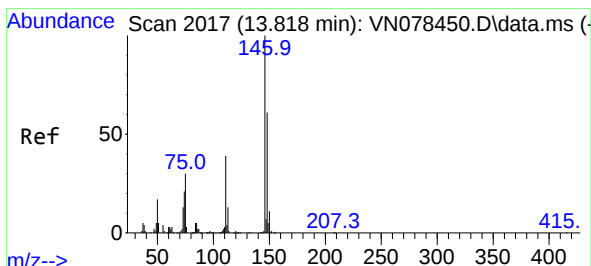
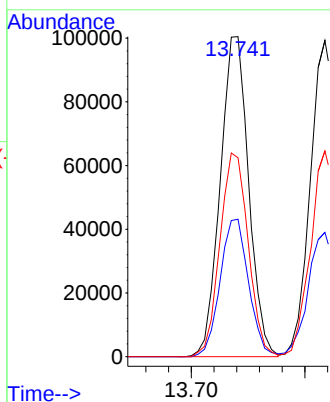
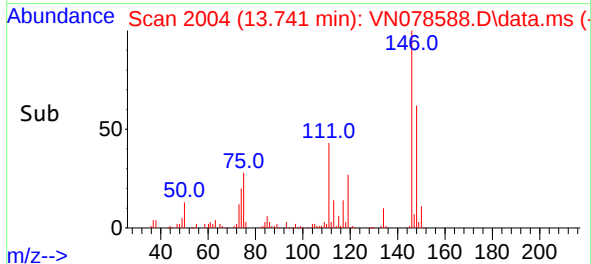
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



Tgt Ion:146 Resp: 17469
Ion Ratio Lower Upper
146 100
111 43.1 22.1 66.3
148 63.3 32.0 96.0

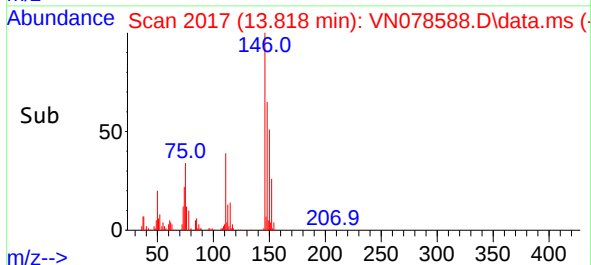
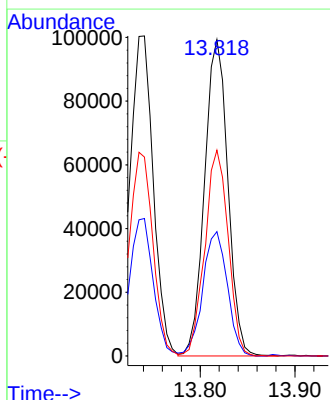
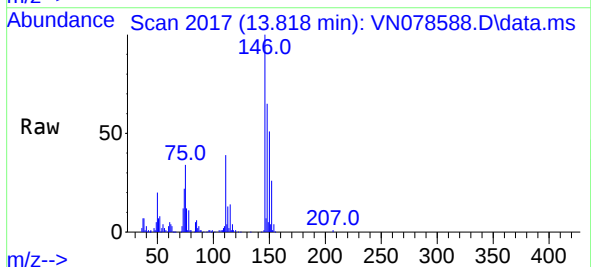
Manual Integrations
APPROVED

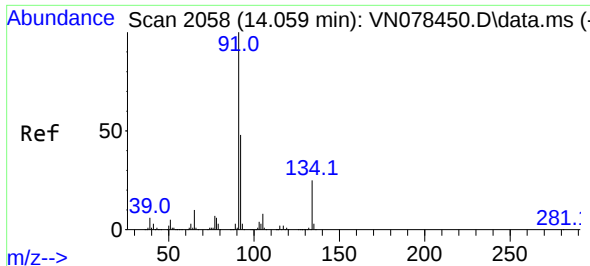
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#88
1,4-Dichlorobenzene
Concen: 18.829 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

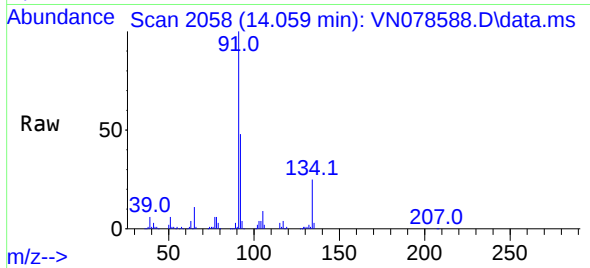
Tgt Ion:146 Resp: 169336
Ion Ratio Lower Upper
146 100
111 41.5 20.6 61.8
148 65.2 31.6 94.8





#89
n-Butylbenzene
Concen: 19.396 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

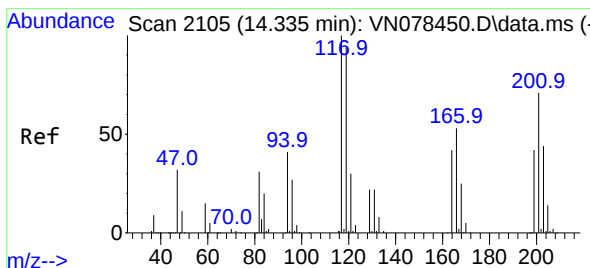
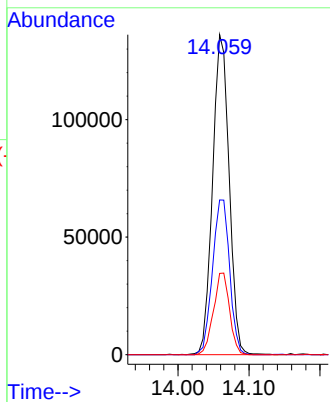
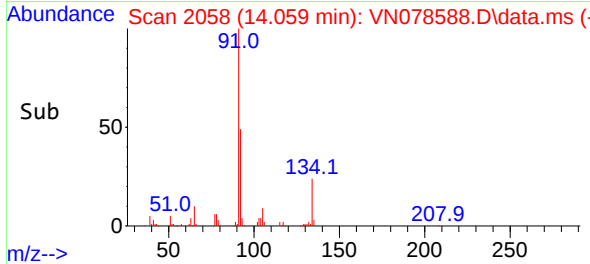
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



Tgt Ion: 91 Resp: 21976
Ion Ratio Lower Upper
91 100
92 50.0 26.4 79.0
134 24.8 12.6 37.6

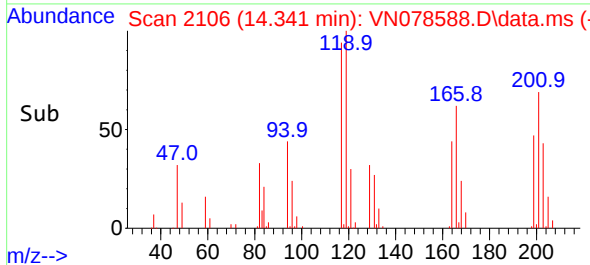
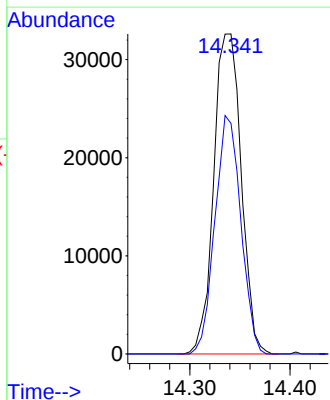
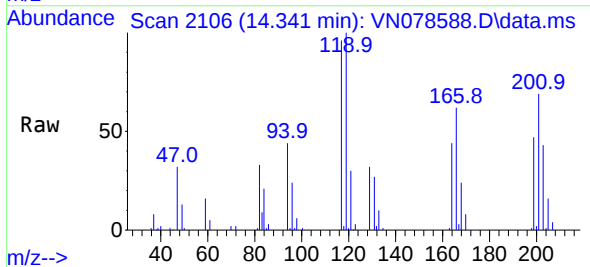
Manual Integrations
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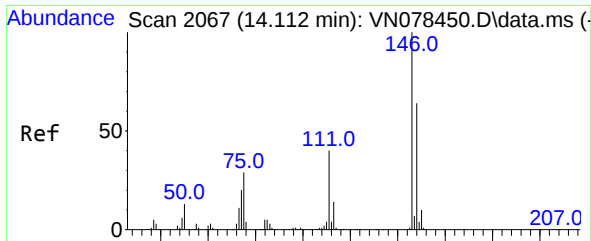
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#90
Hexachloroethane
Concen: 20.829 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

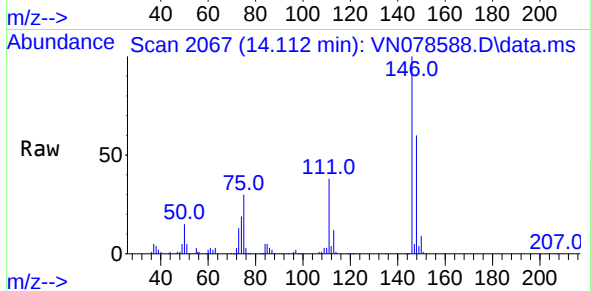
Tgt Ion:117 Resp: 62008
Ion Ratio Lower Upper
117 100
201 70.1 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 19.946 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

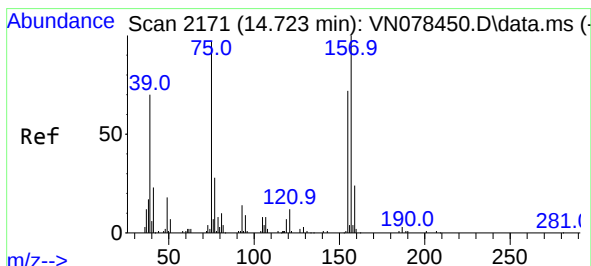
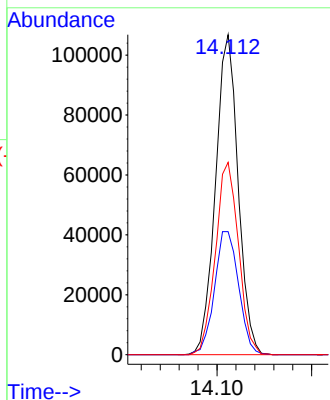
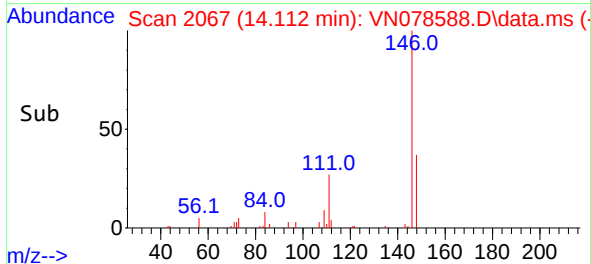
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



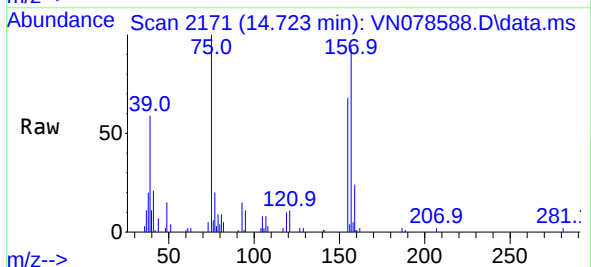
Tgt Ion:146 Resp: 17723
Ion Ratio Lower Upper
146 100
111 41.1 22.0 66.0
148 61.4 31.8 95.3

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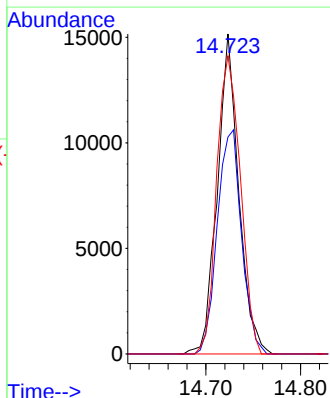
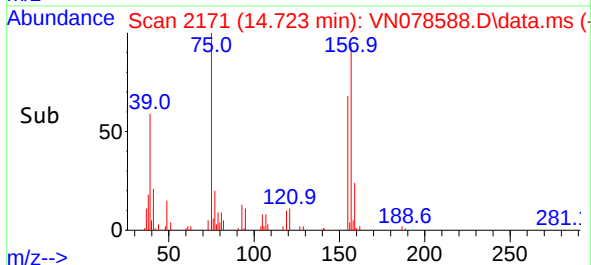
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

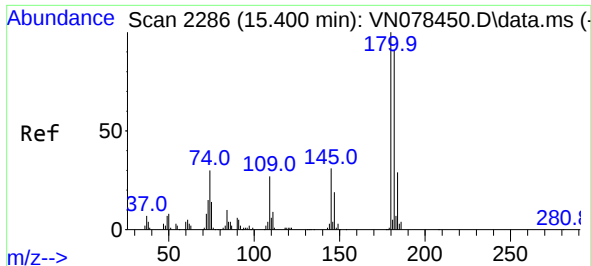


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.302 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33



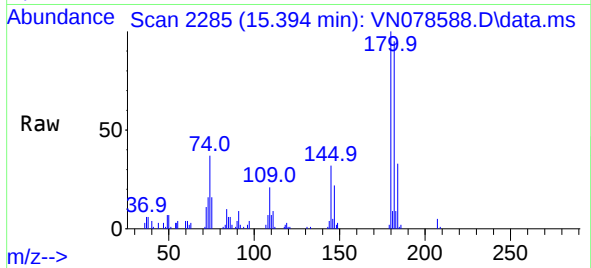
Tgt Ion: 75 Resp: 23875
Ion Ratio Lower Upper
75 100
155 79.1 39.1 117.2
157 103.0 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 15.121 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

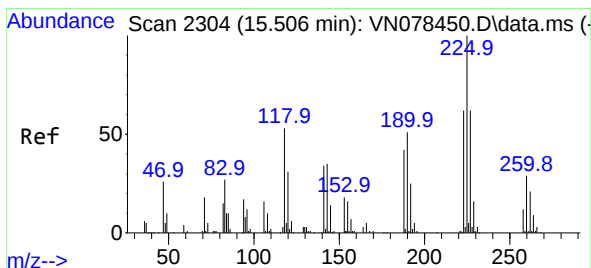
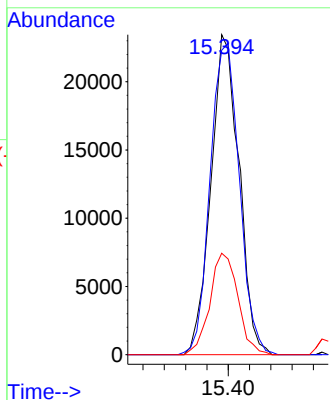
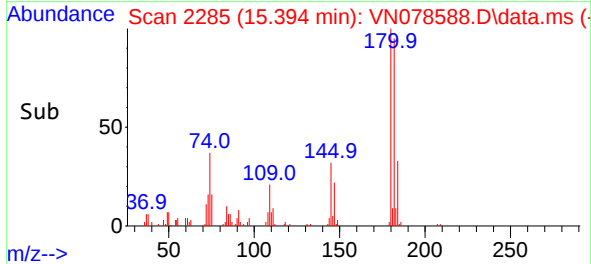
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



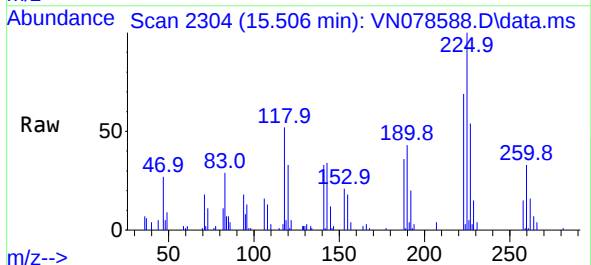
Tgt Ion:180 Resp: 4288
Ion Ratio Lower Upper
180 100
182 101.1 46.1 138.2
145 31.7 16.6 49.8

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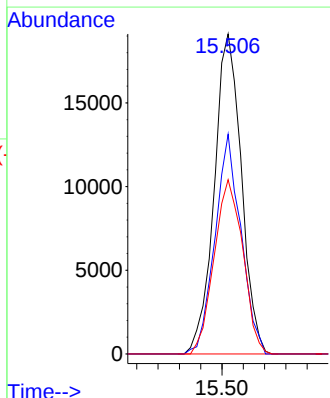
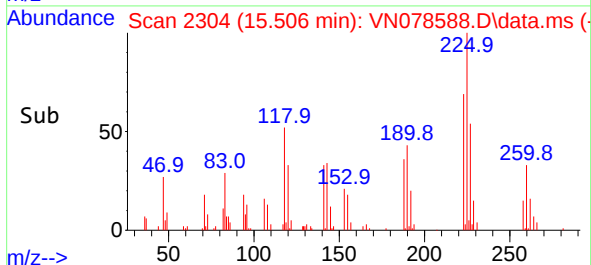
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

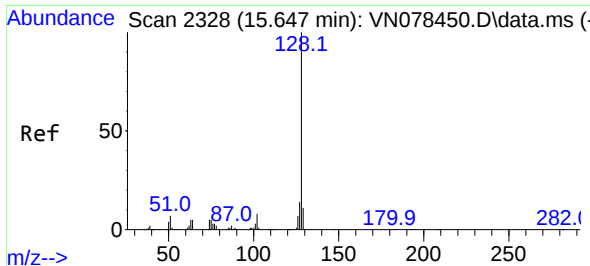


#94
Hexachlorobutadiene
Concen: 20.588 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33



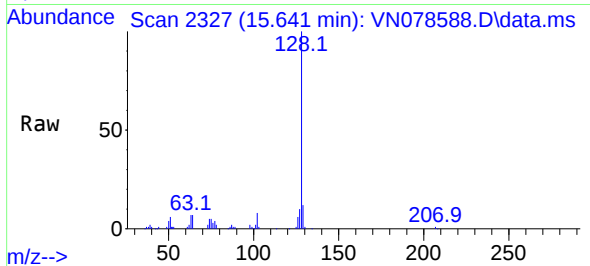
Tgt Ion:225 Resp: 33776
Ion Ratio Lower Upper
225 100
223 65.6 31.3 93.8
227 57.6 31.9 95.9





#95
Naphthalene
Concen: 13.140 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33

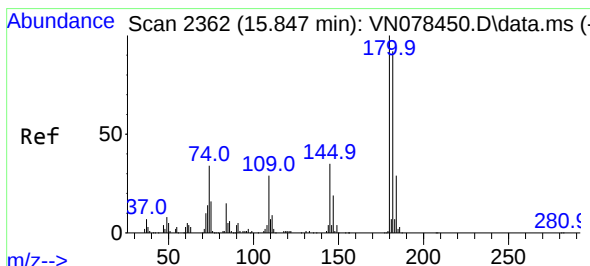
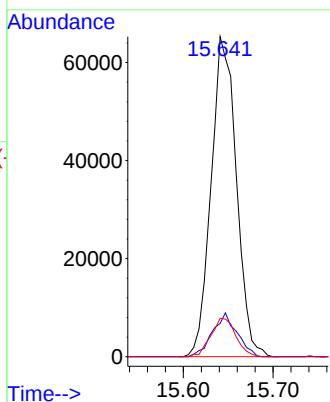
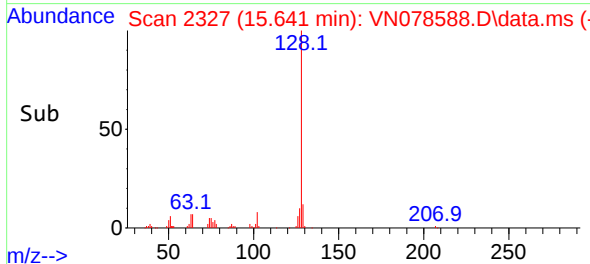
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01



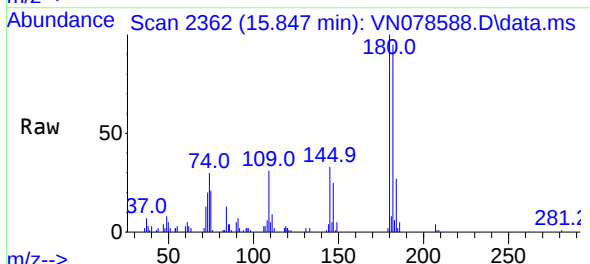
Tgt Ion:128 Resp: 127394
Ion Ratio Lower Upper
128 100
127 13.3 10.0 15.0
129 11.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#96
1,2,3-Trichlorobenzene
Concen: 15.830 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078588.D
Acq: 20 Jul 2023 12:33



Tgt Ion:180 Resp: 51619
Ion Ratio Lower Upper
180 100
182 96.7 46.2 138.6
145 34.8 17.5 52.6

