

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072023\
 Data File : VN078587.D
 Acq On : 20 Jul 2023 11:57
 Operator : JC\MD
 Sample : VN0720WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0720WBS01

Quant Time: Jul 21 06:08:56 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	448765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	777957	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	699916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	265399	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	305907	50.847	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.700%			
35) Dibromofluoromethane	8.177	113	274041	51.892	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.780%			
50) Toluene-d8	10.571	98	976387	48.941	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.880%			
62) 4-Bromofluorobenzene	12.853	95	295879	48.149	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.300%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	94336	17.145	ug/l	97
3) Chloromethane	2.371	50	110727	18.515	ug/l	100
4) Vinyl Chloride	2.518	62	138247	17.870	ug/l	97
5) Bromomethane	2.959	94	110461	19.546	ug/l	97
6) Chloroethane	3.124	64	95196	19.157	ug/l	98
7) Trichlorofluoromethane	3.506	101	172715	18.677	ug/l	92
8) Diethyl Ether	3.971	74	55868	18.133	ug/l	72
9) 1,1,2-Trichlorotrifluo...	4.383	101	97067	19.829	ug/l	97
10) Methyl Iodide	4.600	142	122839	18.261	ug/l	96
11) Tert butyl alcohol	5.536	59	89293	96.251	ug/l	99
12) 1,1-Dichloroethene	4.353	96	90028	19.012	ug/l	96
13) Acrolein	4.195	56	86023	94.247	ug/l	93
14) Allyl chloride	5.030	41	119721	18.503	ug/l	92
15) Acrylonitrile	5.736	53	227201	96.930	ug/l	98
16) Acetone	4.442	43	188730	100.708	ug/l	94
17) Carbon Disulfide	4.724	76	215328	15.726	ug/l	96
18) Methyl Acetate	5.036	43	160154	20.188	ug/l	90
19) Methyl tert-butyl Ether	5.806	73	303657	19.463	ug/l	94
20) Methylene Chloride	5.289	84	111061	19.925	ug/l	97
21) trans-1,2-Dichloroethene	5.794	96	98631	18.484	ug/l	95
22) Diisopropyl ether	6.683	45	298631	20.612	ug/l #	91
23) Vinyl Acetate	6.612	43	883431	95.913	ug/l #	89
24) 1,1-Dichloroethane	6.583	63	194335	19.906	ug/l	97
25) 2-Butanone	7.488	43	291395	98.778	ug/l #	83
26) 2,2-Dichloropropane	7.500	77	162765	20.384	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	117228	18.991	ug/l	90
28) Bromochloromethane	7.818	49	98450	21.410	ug/l	90
29) Tetrahydrofuran	7.847	42	187575	96.904	ug/l #	85
30) Chloroform	7.977	83	211545	20.813	ug/l	94
31) Cyclohexane	8.265	56	144892	17.821	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	179738	19.724	ug/l	98
36) 1,1-Dichloropropene	8.377	75	145175	19.039	ug/l	97
37) Ethyl Acetate	7.571	43	124133	19.528	ug/l #	94
38) Carbon Tetrachloride	8.371	117	158688	19.148	ug/l	97
39) Methylcyclohexane	9.612	83	131136	18.840	ug/l	90
40) Benzene	8.612	78	449321	19.890	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	65088	20.086	ug/l	92
42) 1,2-Dichloroethane	8.682	62	154947	20.165	ug/l	98
43) Isopropyl Acetate	8.694	43	219054	20.931	ug/l	93
44) Trichloroethene	9.359	130	111731	18.351	ug/l	99
45) 1,2-Dichloropropane	9.629	63	117658	20.564	ug/l	95
46) Dibromomethane	9.718	93	81552	20.251	ug/l	93
47) Bromodichloromethane	9.894	83	164134	20.333	ug/l	100
48) Methyl methacrylate	9.688	41	95180	19.631	ug/l	90
49) 1,4-Dioxane	9.700	88	36894	348.925	ug/l #	88
51) 4-Methyl-2-Pentanone	10.453	43	632549	101.616	ug/l	92
52) Toluene	10.635	92	281472	20.104	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	162926	19.701	ug/l	94
54) cis-1,3-Dichloropropene	10.318	75	179489	20.361	ug/l	94
55) 1,1,2-Trichloroethane	11.024	97	116107	21.048	ug/l	96
56) Ethyl methacrylate	10.882	69	150063	19.460	ug/l	90
57) 1,3-Dichloropropane	11.171	76	188463	20.093	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	242060	88.083	ug/l	93
59) 2-Hexanone	11.200	43	435698	98.483	ug/l	90
60) Dibromochloromethane	11.365	129	127659	20.962	ug/l	100
61) 1,2-Dibromoethane	11.476	107	114034	20.067	ug/l	97
64) Tetrachloroethene	11.112	164	95699	18.186	ug/l	97
65) Chlorobenzene	11.900	112	289683	18.516	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	117617	19.542	ug/l	97
67) Ethyl Benzene	11.970	91	502563	19.004	ug/l	100
68) m/p-Xylenes	12.076	106	388246	39.708	ug/l	100
69) o-Xylene	12.406	106	187206	18.956	ug/l	96
70) Styrene	12.418	104	297889	19.281	ug/l	97
71) Bromoform	12.582	173	81097	19.896	ug/l #	98
73) Isopropylbenzene	12.700	105	470542	18.868	ug/l	98
74) N-amyl acetate	12.500	43	157172	18.288	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	159072	21.044	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	122203m	19.050	ug/l	
77) Bromobenzene	12.988	156	111884	19.694	ug/l	98
78) n-propylbenzene	13.041	91	518548	19.443	ug/l	100
79) 2-Chlorotoluene	13.129	91	334165	19.129	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	375064	19.035	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	45027	18.445	ug/l #	84
82) 4-Chlorotoluene	13.229	91	306328	18.797	ug/l	97
83) tert-Butylbenzene	13.441	119	323199	19.320	ug/l	94
84) 1,2,4-Trimethylbenzene	13.488	105	362789	18.955	ug/l	96
85) sec-Butylbenzene	13.617	105	407180	19.256	ug/l	100
86) p-Isopropyltoluene	13.735	119	325341	19.161	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	181857	18.996	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	176939	18.349	ug/l	99
89) n-Butylbenzene	14.059	91	229256	18.871	ug/l	96
90) Hexachloroethane	14.335	117	66734	20.909	ug/l	83
91) 1,2-Dichlorobenzene	14.112	146	179703	18.862	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	23405	18.391	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	44619	14.674	ug/l	95
94) Hexachlorobutadiene	15.506	225	34444	19.360	ug/l	98
95) Naphthalene	15.647	128	125415	12.065	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	54269	15.522	ug/l	96

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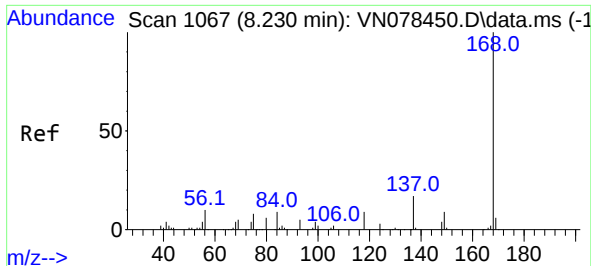
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Mon Jul 10 16:13:53 2023
Response via : Initial Calibration

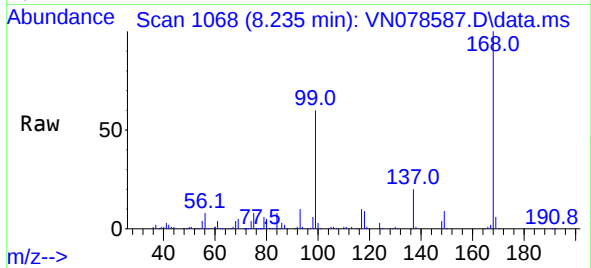
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078587.D
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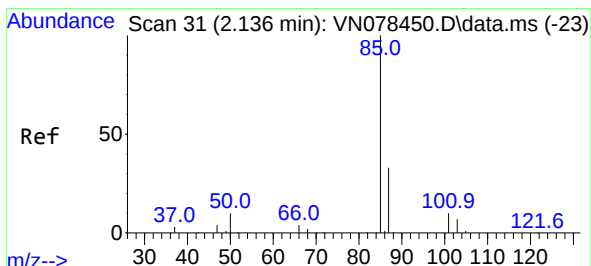
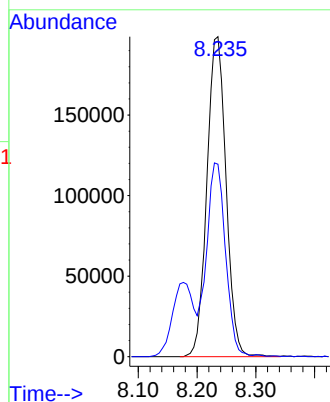
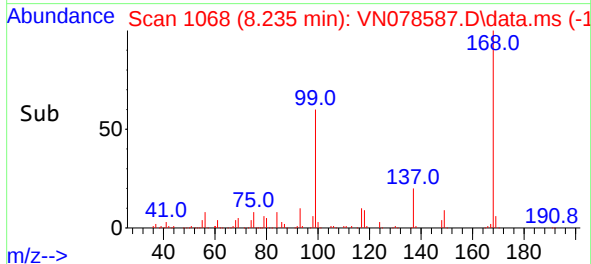
Instrument :
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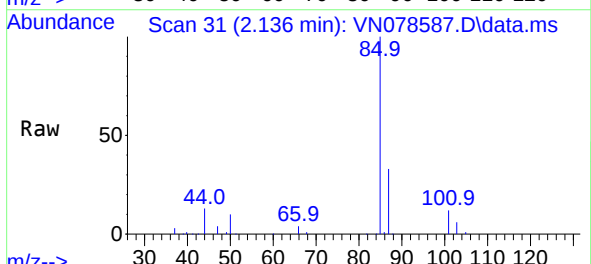
Tgt Ion:168 Resp: 448768
Ion Ratio Lower Upper
168 100
99 60.1 53.0 79.6

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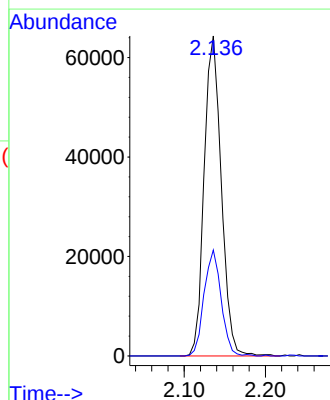
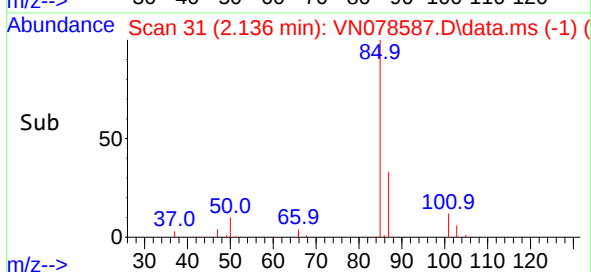
Reviewed By :John Carlone 07/21/2023
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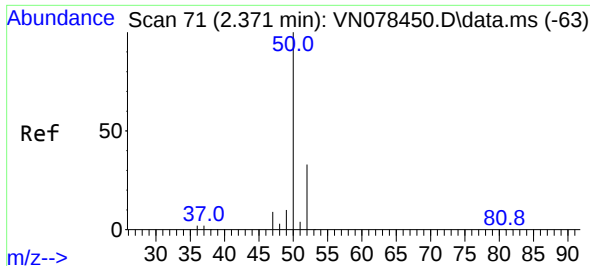


#2
Dichlorodifluoromethane
Concen: 17.145 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57



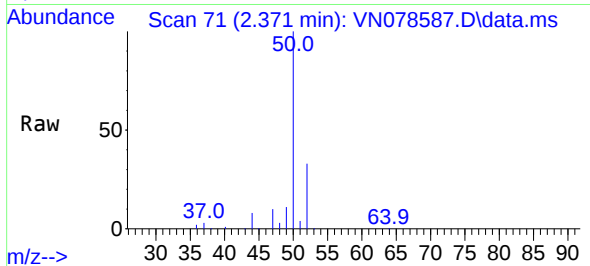
Tgt Ion: 85 Resp: 94336
Ion Ratio Lower Upper
85 100
87 33.1 15.8 47.4





#3
Chloromethane
Concen: 18.515 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

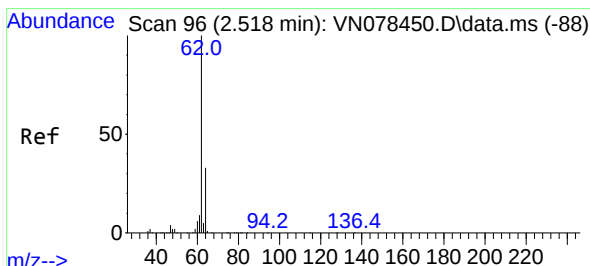
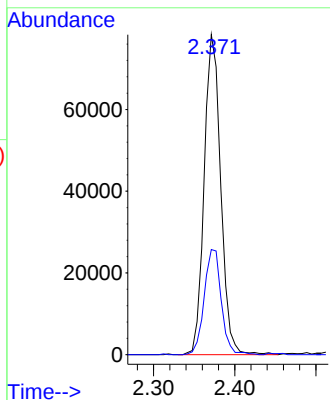
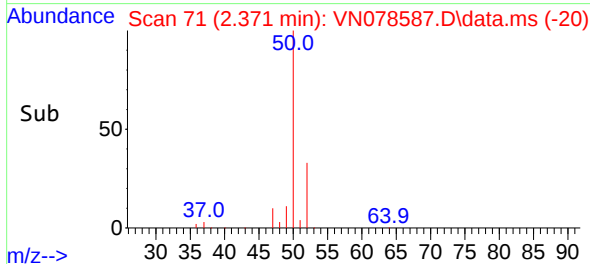
Instrument :
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Tgt Ion: 50 Resp: 11072
Ion Ratio Lower Upper
50 100
52 32.9 26.5 39.7

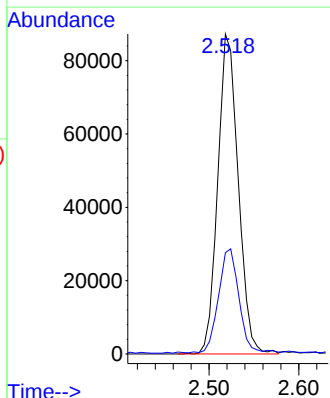
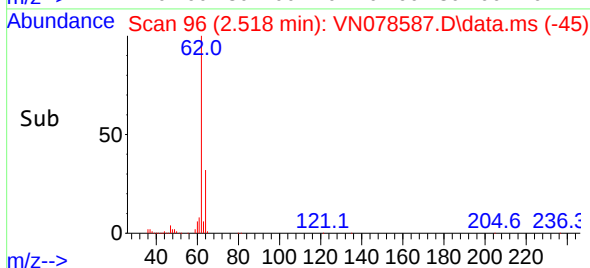
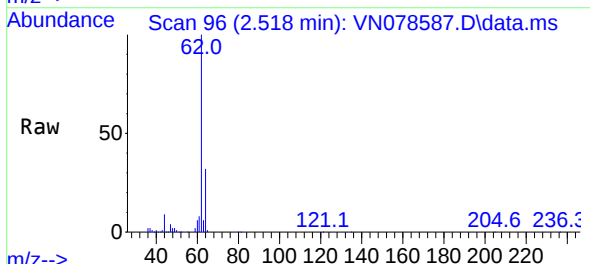
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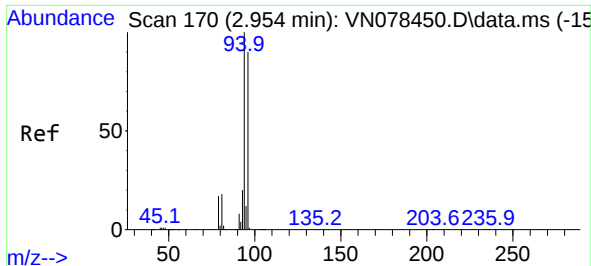
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#4
Vinyl Chloride
Concen: 17.870 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

Tgt Ion: 62 Resp: 138247
Ion Ratio Lower Upper
62 100
64 31.1 26.2 39.2





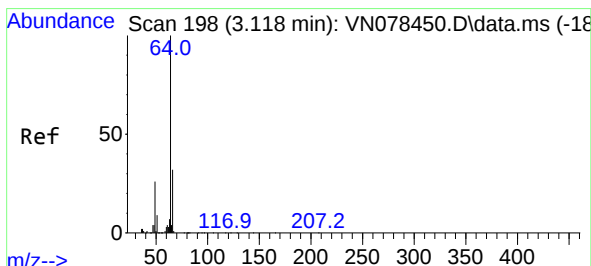
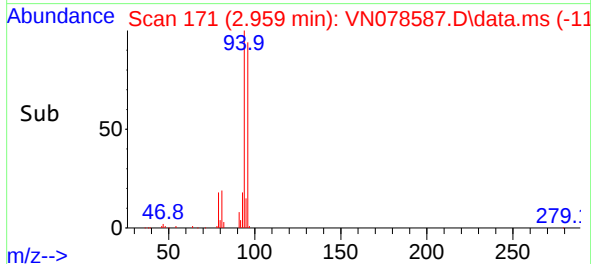
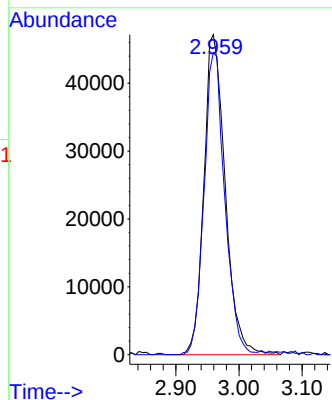
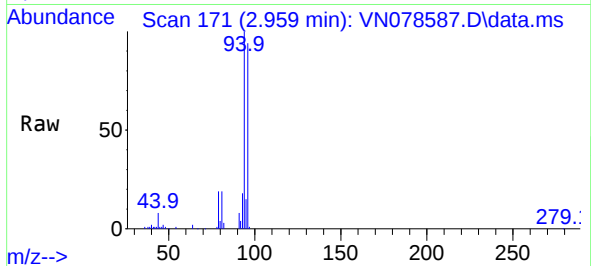
#5
Bromomethane
Concen: 19.546 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN078587.D
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Instrument :
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Tgt Ion: 94 Resp: 11046
Ion Ratio Lower Upper
94 100
96 94.4 73.1 109.7

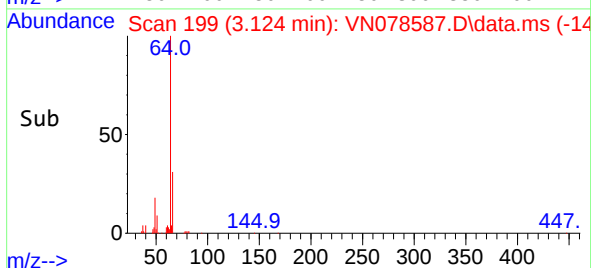
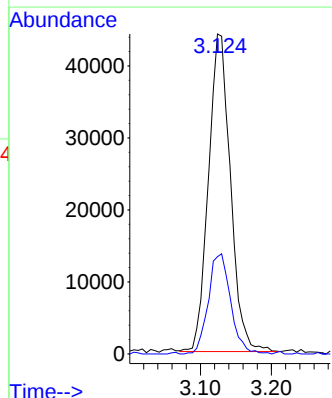
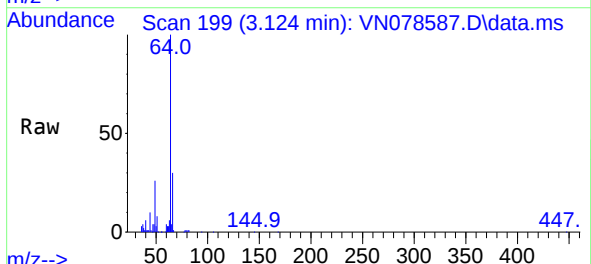
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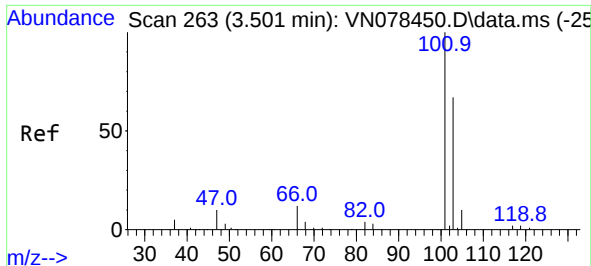
Reviewed By :John Carlone 07/21/2023
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#6
Chloroethane
Concen: 19.157 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN078587.D
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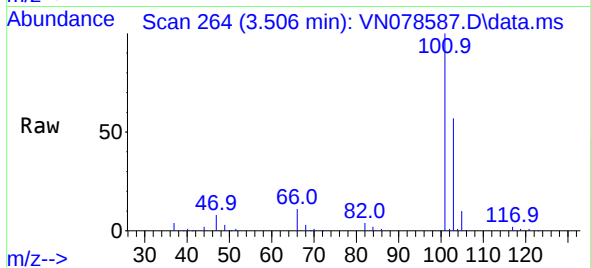
Tgt Ion: 64 Resp: 95196
Ion Ratio Lower Upper
64 100
66 30.6 25.4 38.2





#7
Trichlorofluoromethane
Concen: 18.677 ug/l
RT: 3.506 min Scan# 264
Delta R.T. 0.005 min
Lab File: VN078587.D
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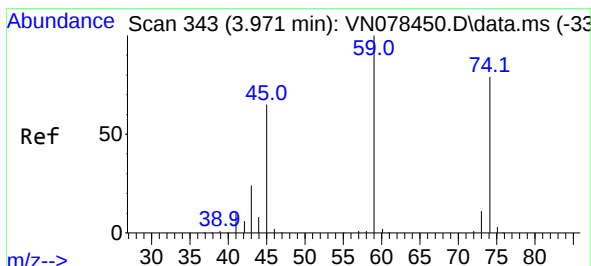
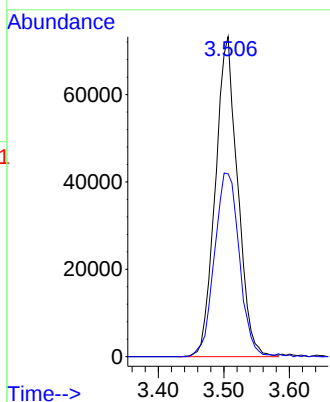
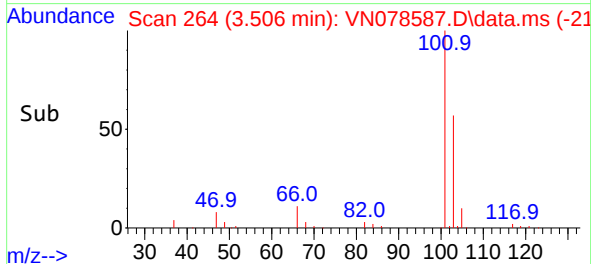
Instrument :
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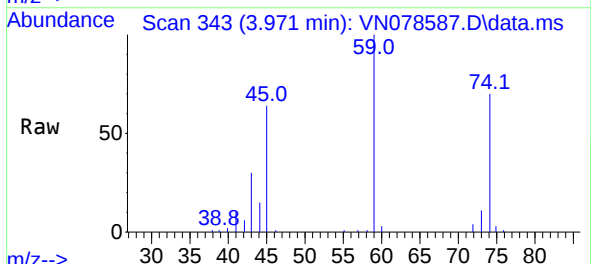
Tgt Ion:101 Resp: 172715
Ion Ratio Lower Upper
101 100
103 57.2 50.7 76.1

Manual Integrations
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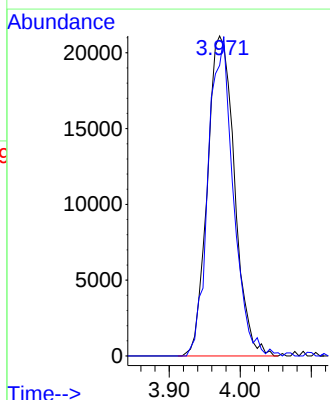
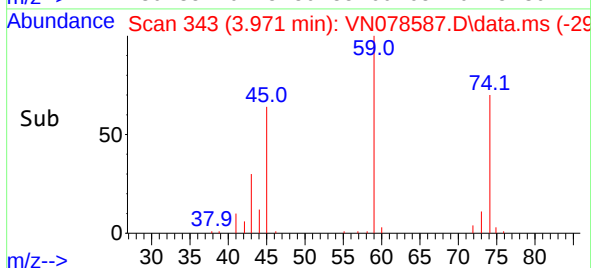
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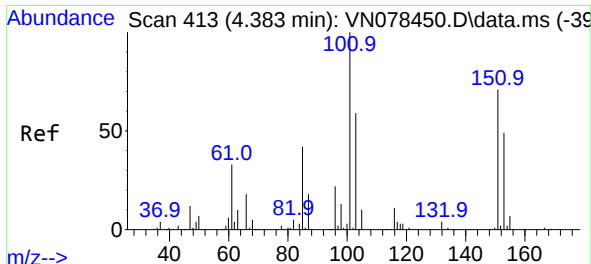


#8
Diethyl Ether
Concen: 18.133 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57



Tgt Ion: 74 Resp: 55868
Ion Ratio Lower Upper
74 100
45 91.7 34.4 103.3





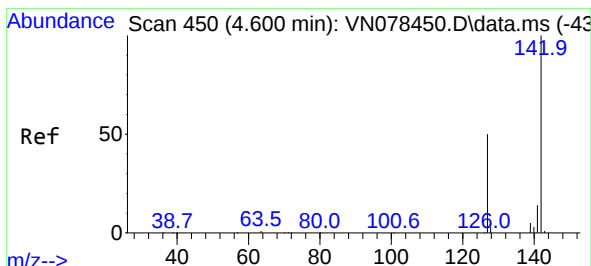
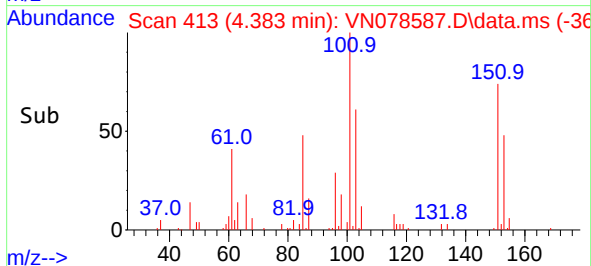
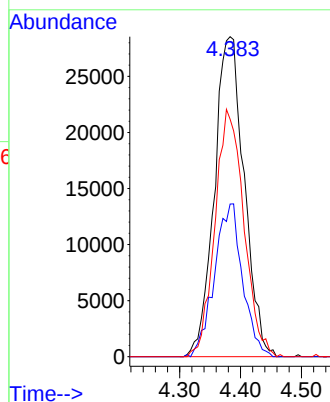
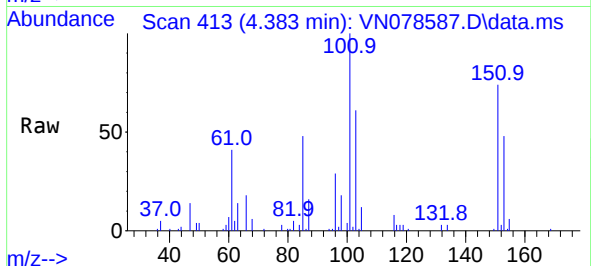
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.829 ug/l
RT: 4.383 min Scan# 413
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

Instrument :
MSVOA_N
ClientSampleId :
VN0720WBS01

Tgt Ion:101 Resp: 9706
Ion Ratio Lower Upper
101 100
85 45.0 36.6 55.0
151 75.0 57.6 86.4

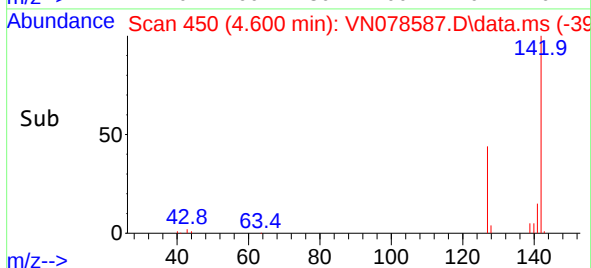
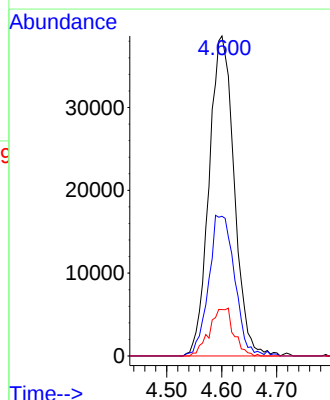
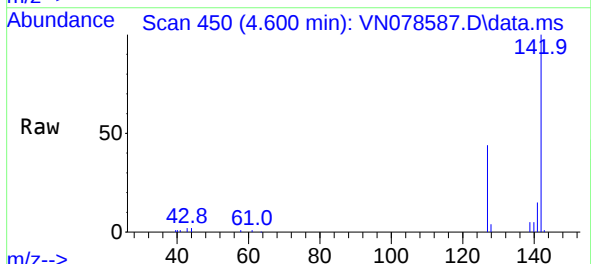
Manual Integrations
APPROVED

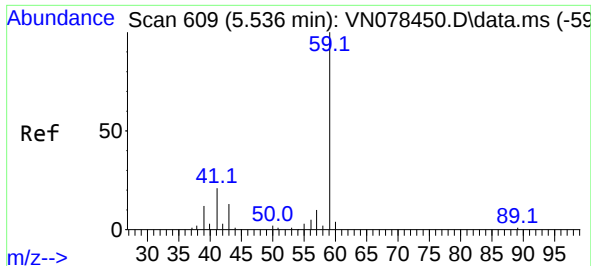
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#10
Methyl Iodide
Concen: 18.261 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

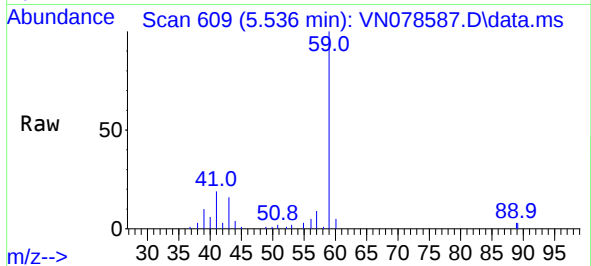
Tgt Ion:142 Resp: 122839
Ion Ratio Lower Upper
142 100
127 43.6 37.6 56.4
141 14.5 11.4 17.0





#11
Tert butyl alcohol
Concen: 96.251 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

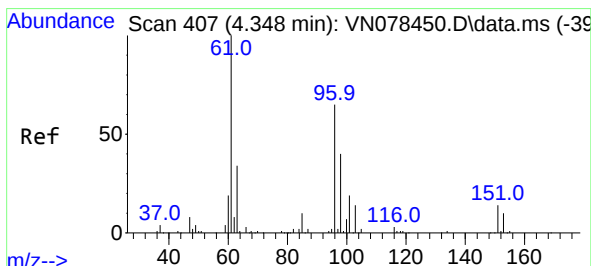
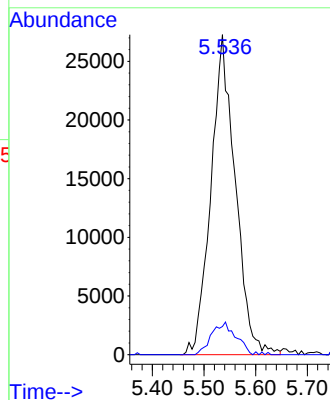
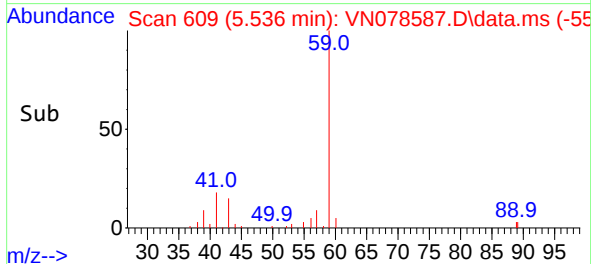
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBS01



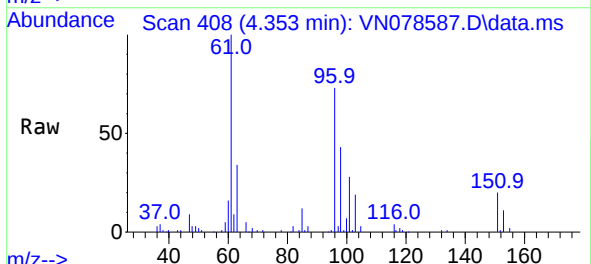
Tgt Ion: 59 Resp: 8929
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4

Manual Integrations
APPROVED

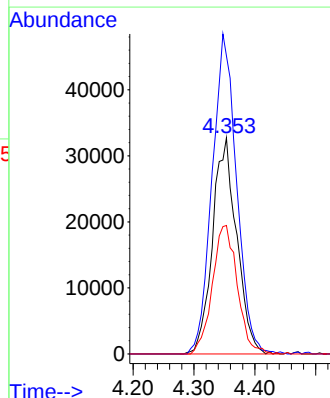
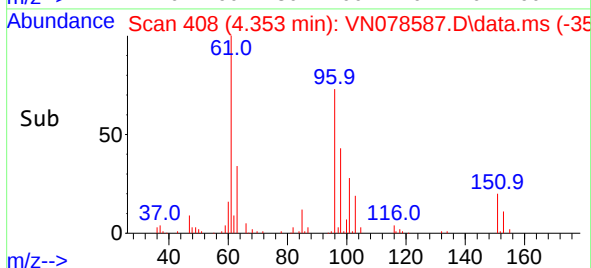
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

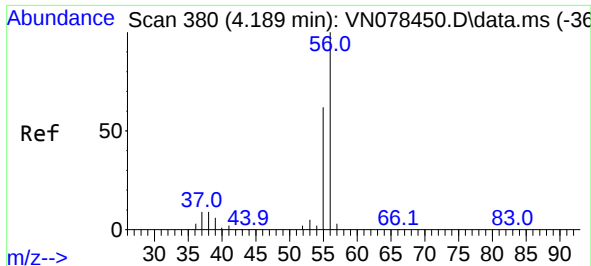


#12
1,1-Dichloroethene
Concen: 19.012 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.005 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57



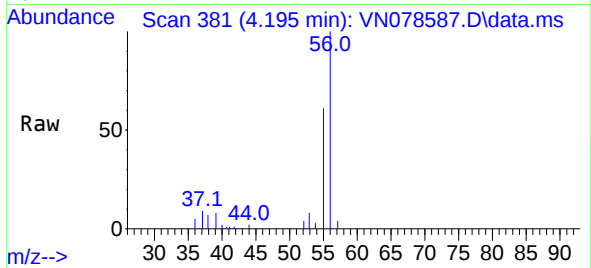
Tgt Ion: 96 Resp: 90028
Ion Ratio Lower Upper
96 100
61 137.8 112.7 169.1
98 59.4 51.2 76.8





#13
Acrolein
Concen: 94.247 ug/l
RT: 4.195 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

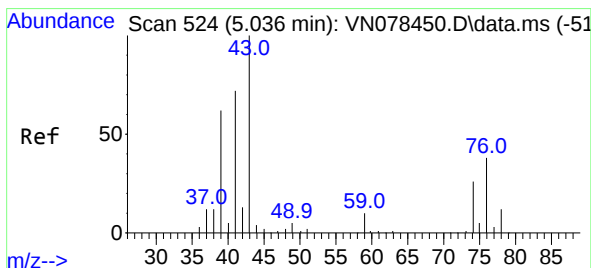
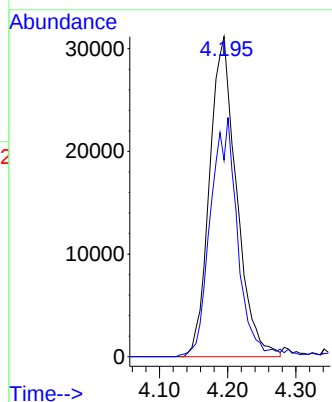
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBS01



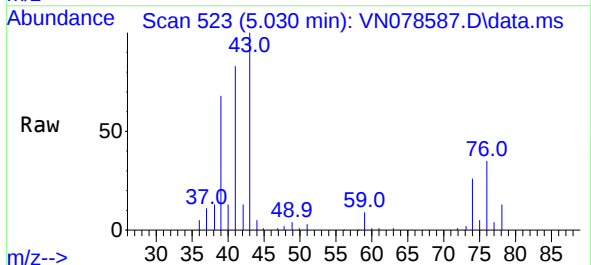
Tgt Ion: 56 Resp: 8602
Ion Ratio Lower Upper
56 100
55 73.6 54.5 81.7

Manual Integrations
APPROVED

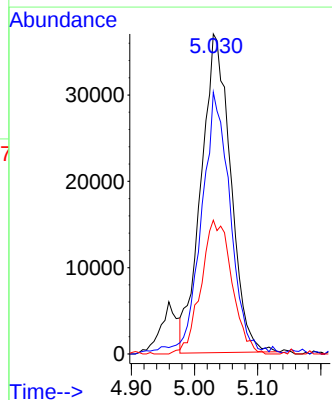
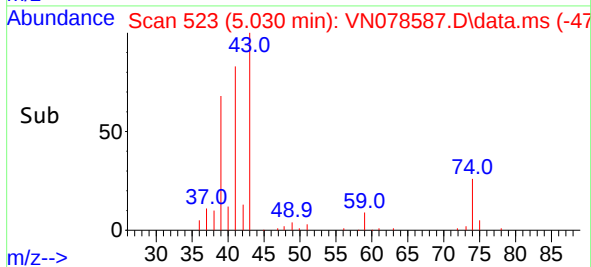
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

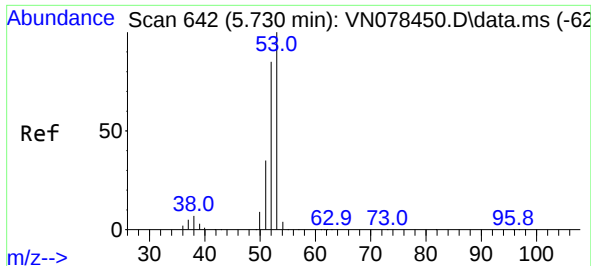


#14
Allyl chloride
Concen: 18.503 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57



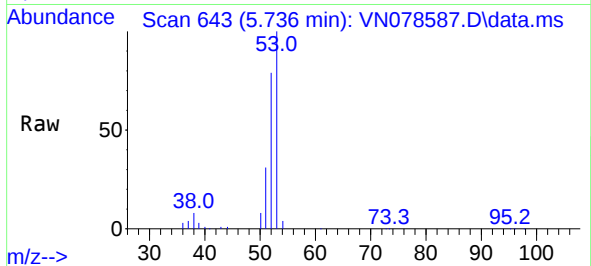
Tgt Ion: 41 Resp: 119721
Ion Ratio Lower Upper
41 100
39 80.4 58.8 88.2
76 43.8 39.1 58.7





#15
Acrylonitrile
Concen: 96.930 ug/l
RT: 5.736 min Scan# 642
Delta R.T. 0.006 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

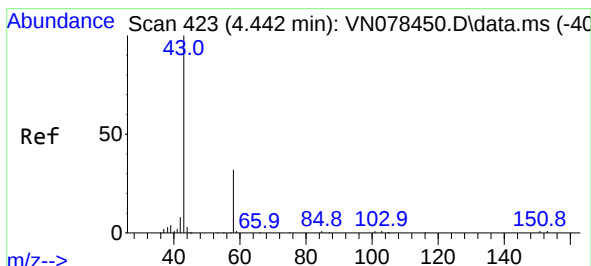
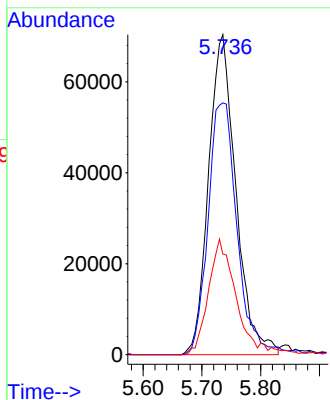
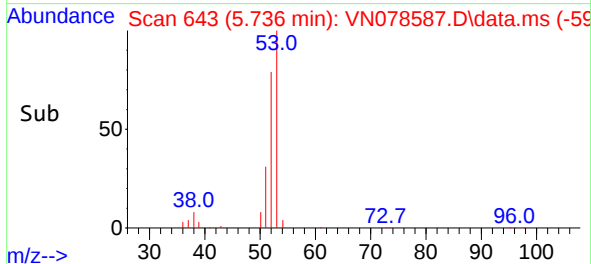
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBS01



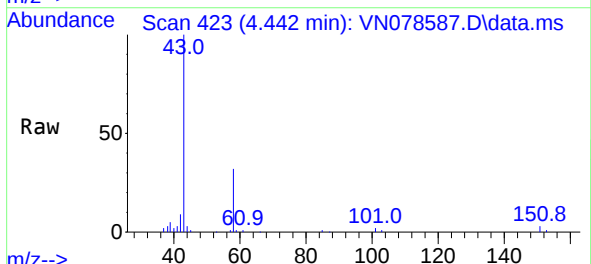
Tgt Ion: 53 Resp: 22720
Ion Ratio Lower Upper
53 100
52 83.9 65.3 97.9
51 37.1 28.9 43.3

Manual Integrations
APPROVED

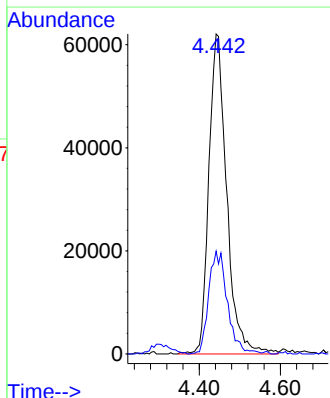
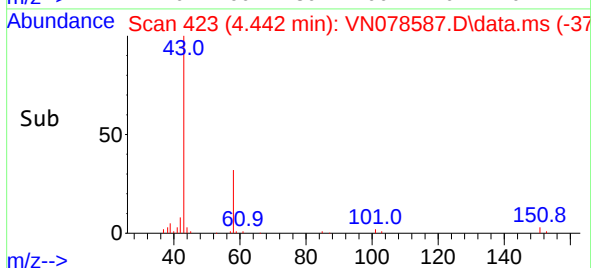
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

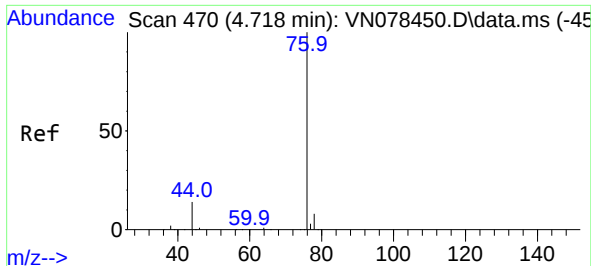


#16
Acetone
Concen: 100.708 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57



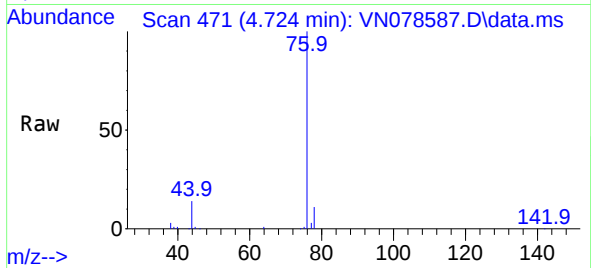
Tgt Ion: 43 Resp: 188730
Ion Ratio Lower Upper
43 100
58 31.7 28.0 42.0





#17
Carbon Disulfide
Concen: 15.726 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.006 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

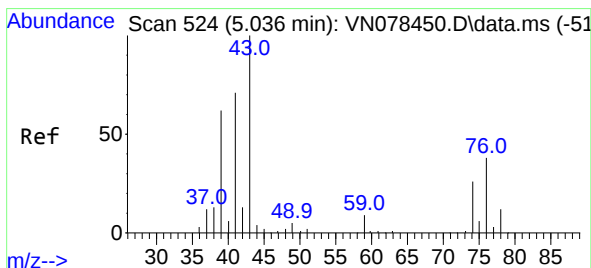
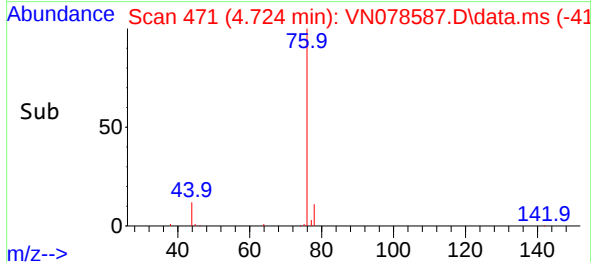
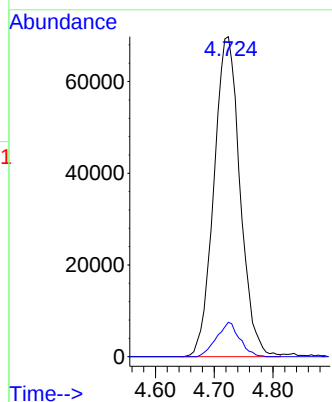
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBS01



Tgt Ion: 76 Resp: 215328
Ion Ratio Lower Upper
76 100
78 10.7 7.4 11.0

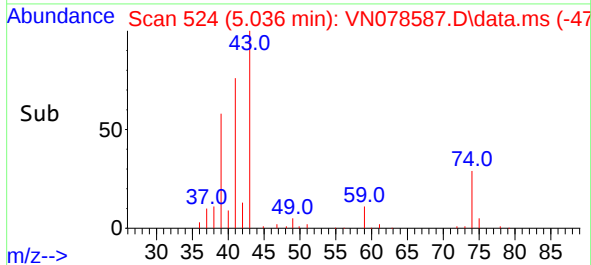
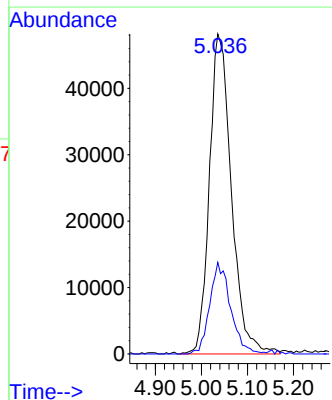
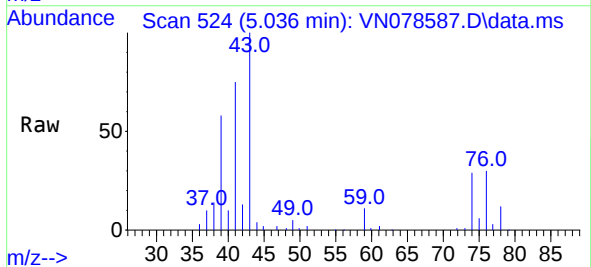
Manual Integrations
APPROVED

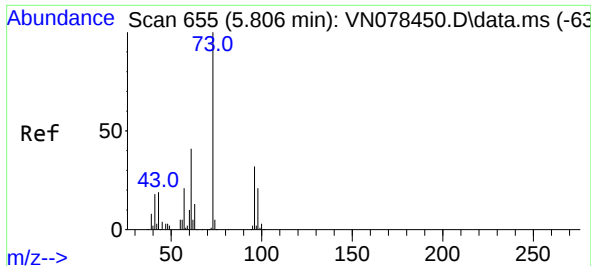
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#18
Methyl Acetate
Concen: 20.188 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

Tgt Ion: 43 Resp: 160154
Ion Ratio Lower Upper
43 100
74 27.0 26.2 39.4





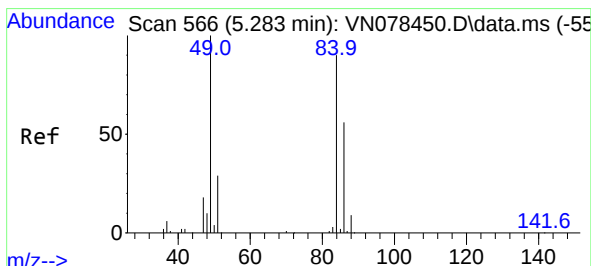
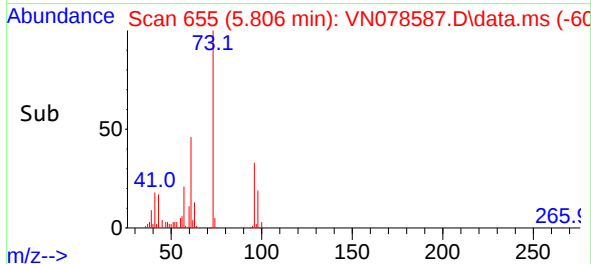
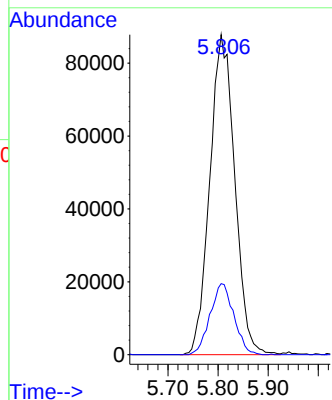
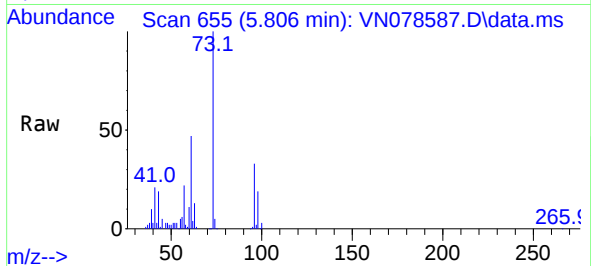
#19
Methyl tert-butyl Ether
Concen: 19.463 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

Instrument :
MSVOA_N
ClientSampleId :
VN0720WBS01

Tgt Ion: 73 Resp: 30365
Ion Ratio Lower Upper
73 100
57 22.2 15.6 23.4

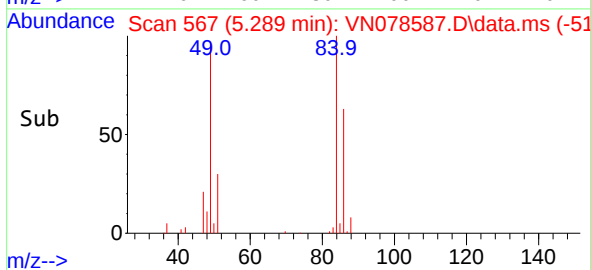
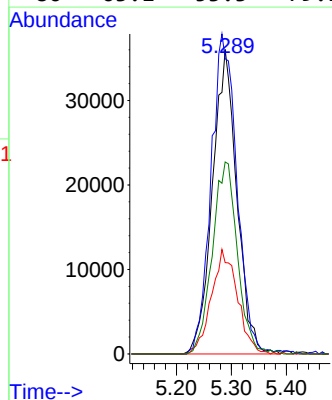
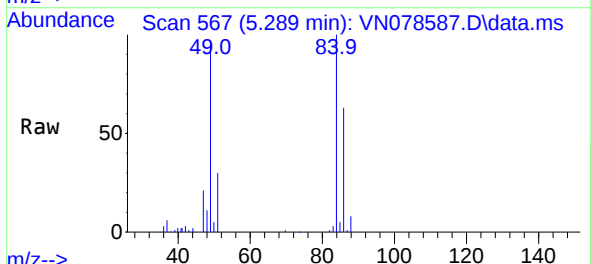
Manual Integrations
APPROVED

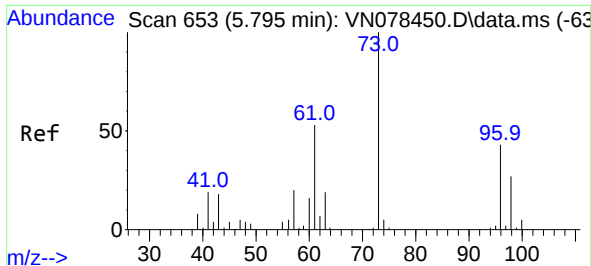
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#20
Methylene Chloride
Concen: 19.925 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

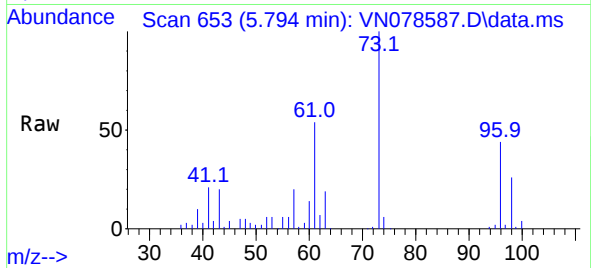
Tgt Ion: 84 Resp: 111061
Ion Ratio Lower Upper
84 100
49 97.0 79.7 119.5
51 30.0 25.2 37.8
86 63.1 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 18.484 ug/l
RT: 5.794 min Scan# 611
Delta R.T. -0.001 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

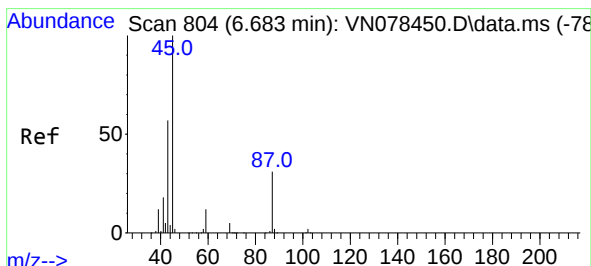
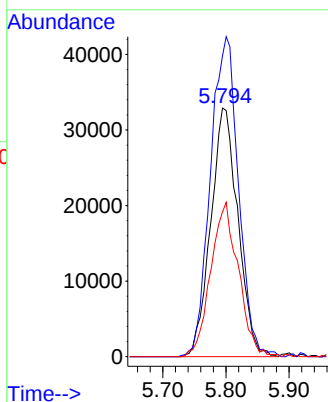
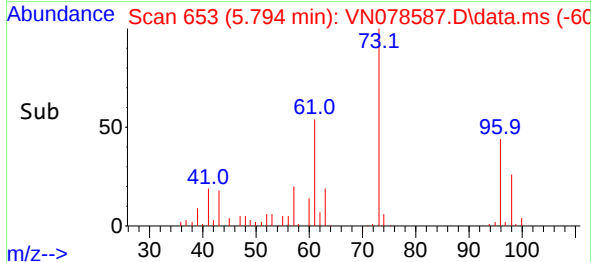
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBS01



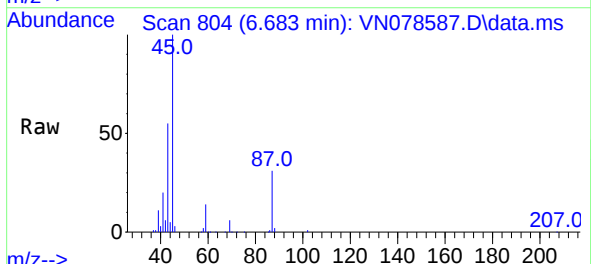
Tgt Ion: 96 Resp: 98631
Ion Ratio Lower Upper
96 100
61 121.0 90.1 135.1
98 58.2 46.4 69.6

Manual Integrations
APPROVED

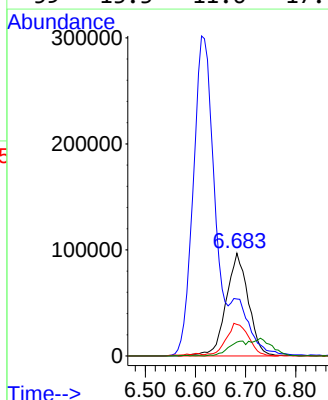
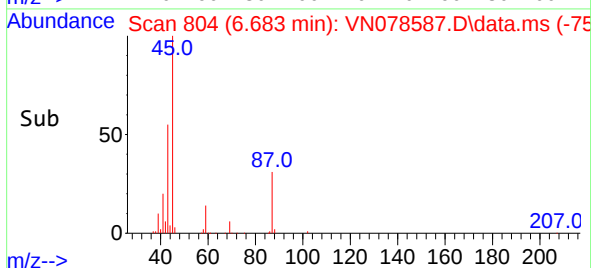
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

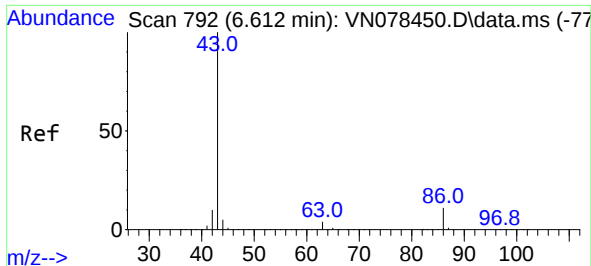


#22
Diisopropyl ether
Concen: 20.612 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57



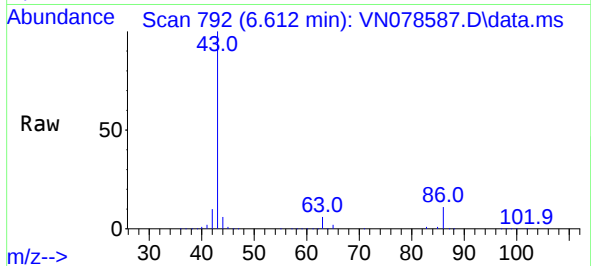
Tgt Ion: 45 Resp: 298631
Ion Ratio Lower Upper
45 100
43 52.9 45.5 68.3
87 30.5 31.8 47.8#
59 13.3 11.6 17.4





#23
 Vinyl Acetate
 Concen: 95.913 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078587.D
 Acq: 20 Jul 2023 11:57

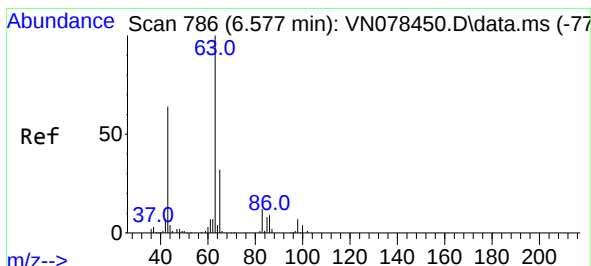
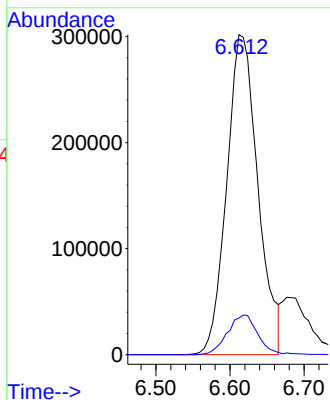
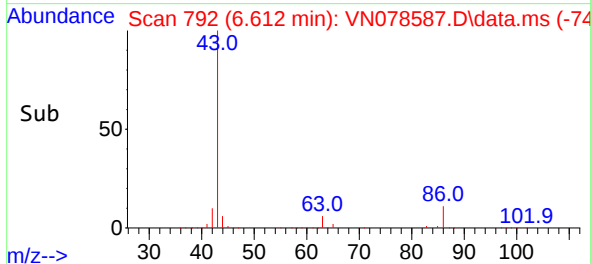
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0720WBS01



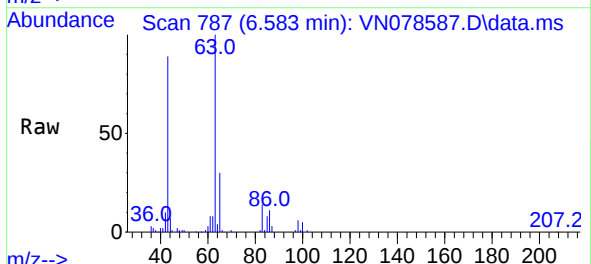
Tgt Ion: 43 Resp: 88343
 Ion Ratio Lower Upper
 43 100
 86 11.4 13.0 19.6

Manual Integrations
 APPROVED

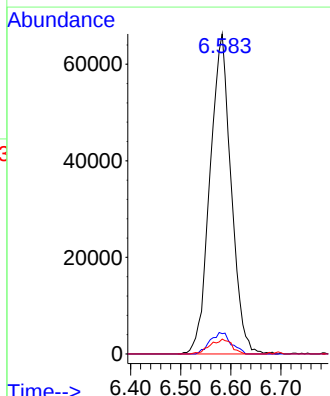
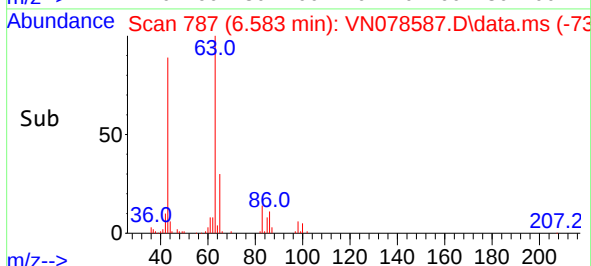
Reviewed By :John Carlone 07/21/2023
 Supervised By :Mahesh Dadoda 07/21/2023

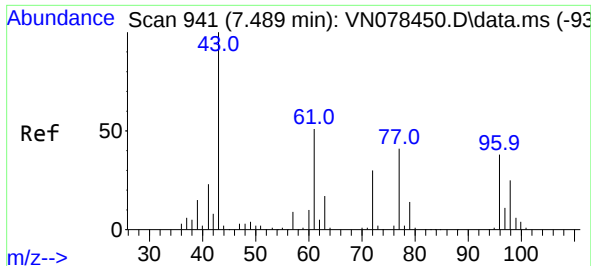


#24
 1,1-Dichloroethane
 Concen: 19.906 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.006 min
 Lab File: VN078587.D
 Acq: 20 Jul 2023 11:57



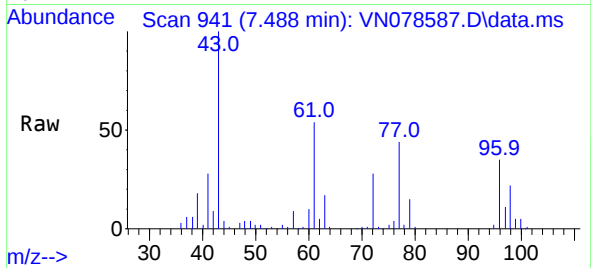
Tgt Ion: 63 Resp: 194335
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.9 11.7
 100 4.7 2.5 7.4





#25
2-Butanone
Concen: 98.778 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.001 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

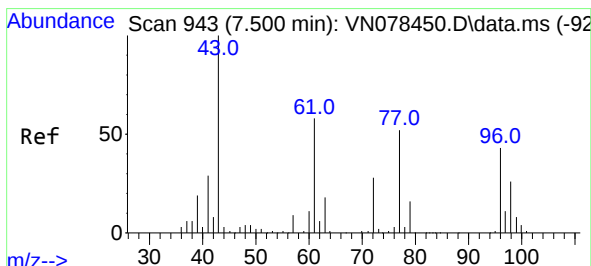
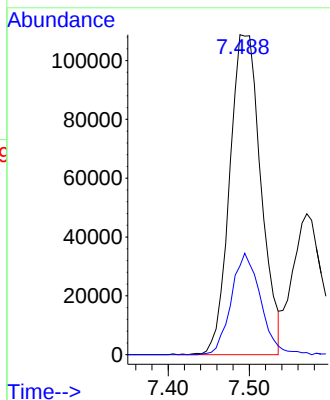
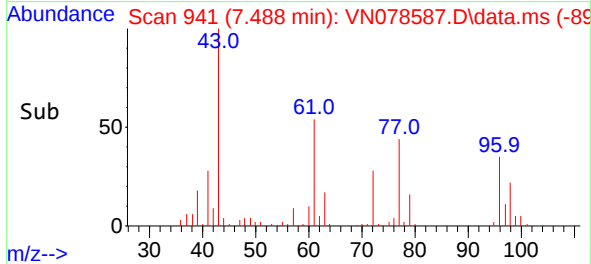
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBS01



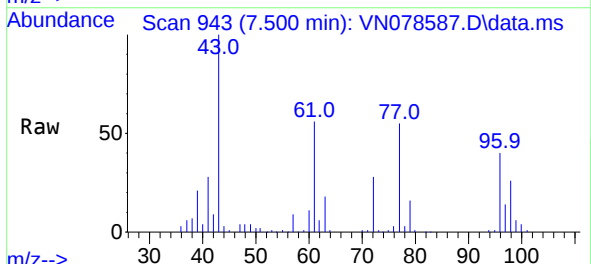
Tgt Ion: 43 Resp: 291395
Ion Ratio Lower Upper
43 100
72 27.8 30.2 45.2

Manual Integrations
APPROVED

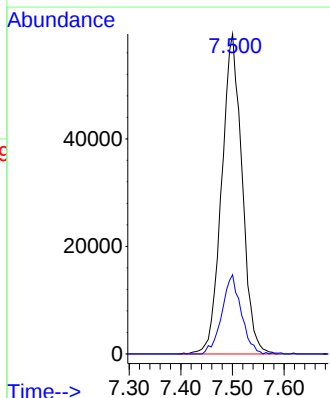
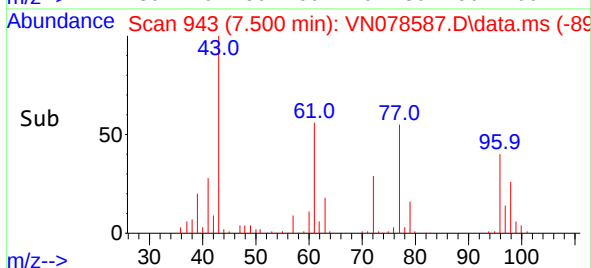
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

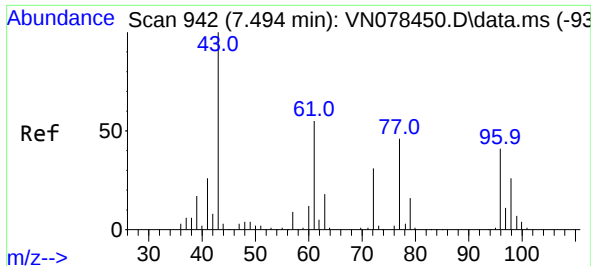


#26
2,2-Dichloropropane
Concen: 20.384 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57



Tgt Ion: 77 Resp: 162765
Ion Ratio Lower Upper
77 100
97 23.5 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 18.991 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.000 min

Lab File: VN078587.D

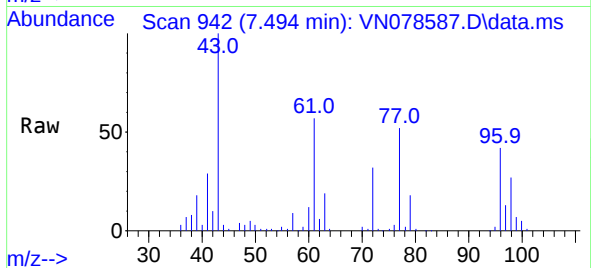
Acq: 20 Jul 2023 11:57

Instrument :

MSVOA_N

ClientSampleId :

VN0720WBS01



Tgt Ion: 96 Resp: 117228

Ion Ratio Lower Upper

96 100

61 144.5 0.0 255.2

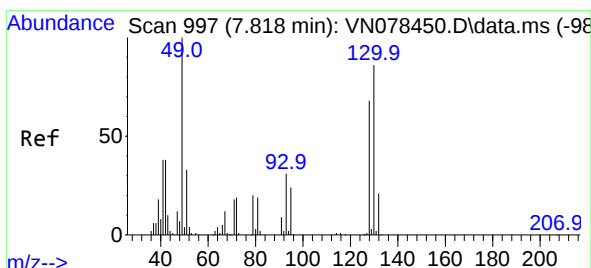
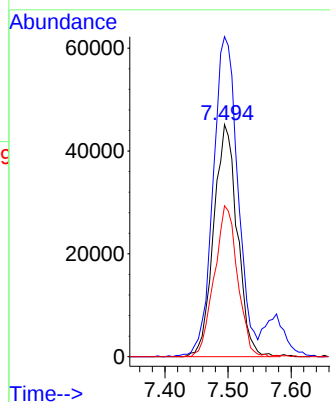
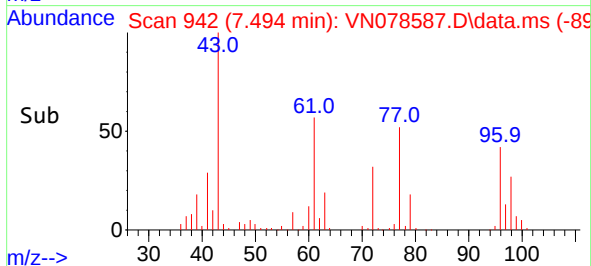
98 64.1 0.0 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2023

Supervised By :Mahesh Dadoda 07/21/2023



#28

Bromochloromethane

Concen: 21.410 ug/l

RT: 7.818 min Scan# 997

Delta R.T. -0.000 min

Lab File: VN078587.D

Acq: 20 Jul 2023 11:57

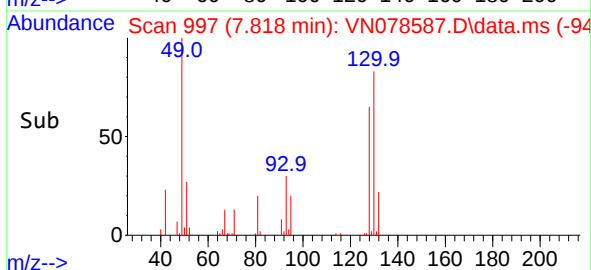
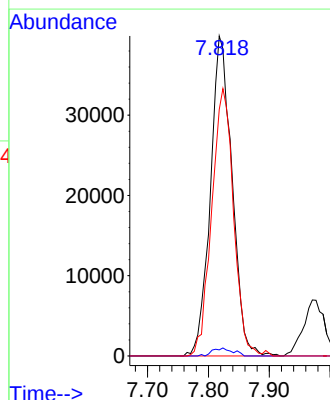
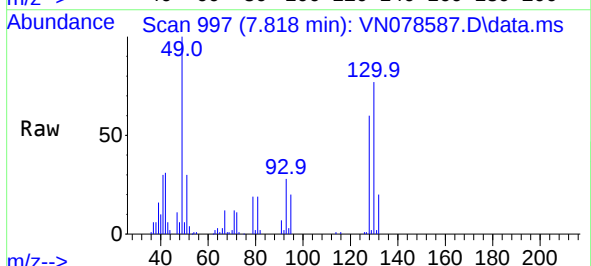
Tgt Ion: 49 Resp: 98450

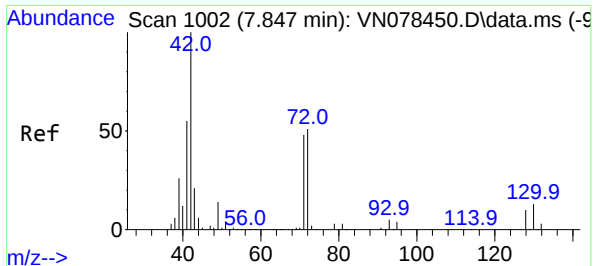
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.8

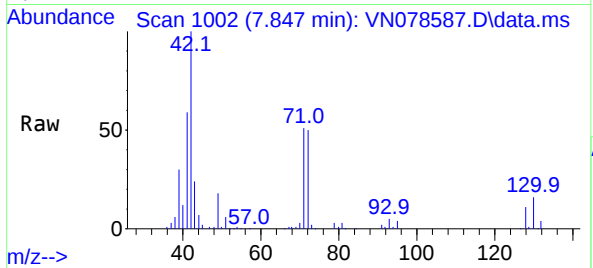
130 84.1 75.3 112.9





#29
Tetrahydrofuran
Concen: 96.904 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

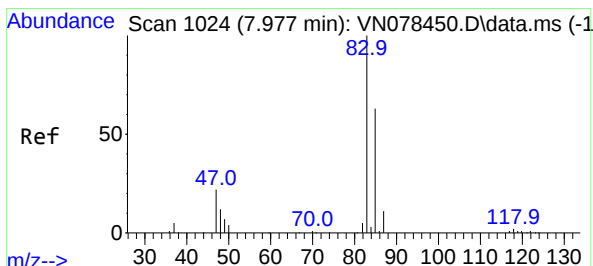
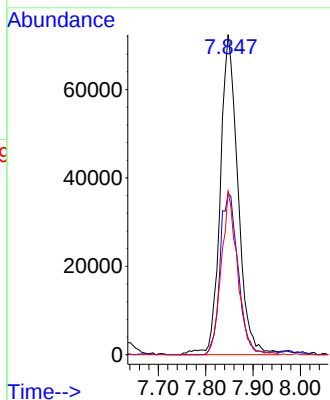
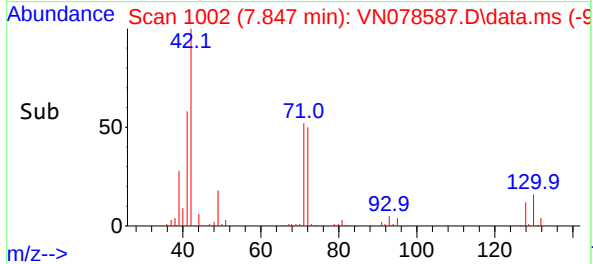
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBS01



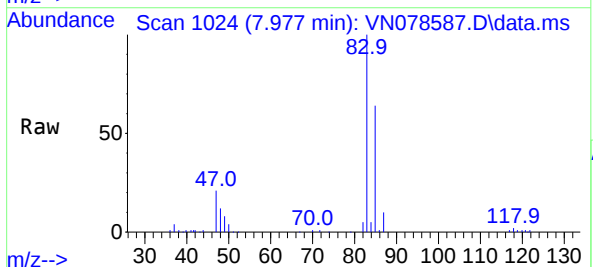
Tgt Ion: 42 Resp: 18757
Ion Ratio Lower Upper
42 100
72 51.3 49.8 74.6
71 47.2 47.4 71.2

Manual Integrations
APPROVED

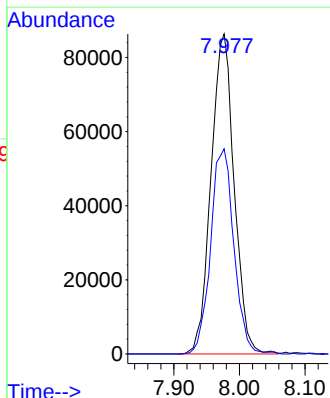
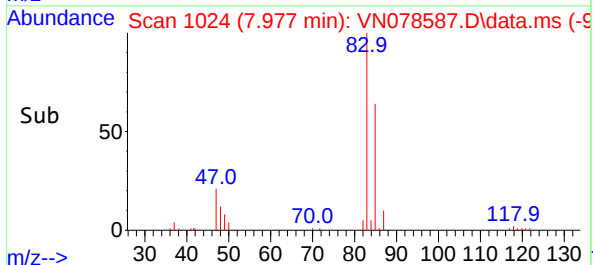
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

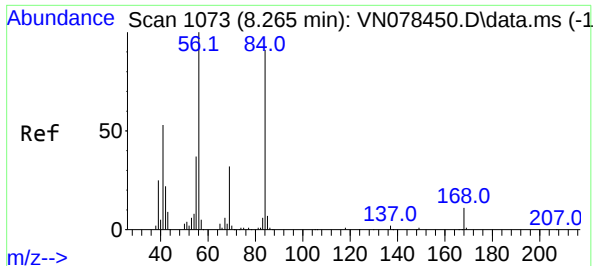


#30
Chloroform
Concen: 20.813 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57



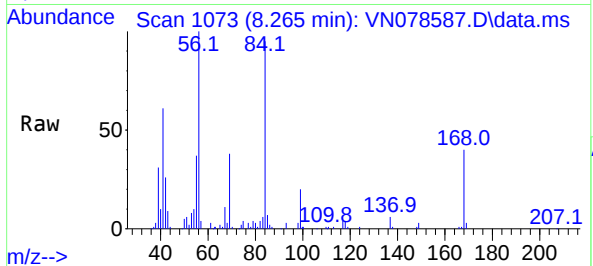
Tgt Ion: 83 Resp: 211545
Ion Ratio Lower Upper
83 100
85 64.1 55.4 83.0





#31
Cyclohexane
Concen: 17.821 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

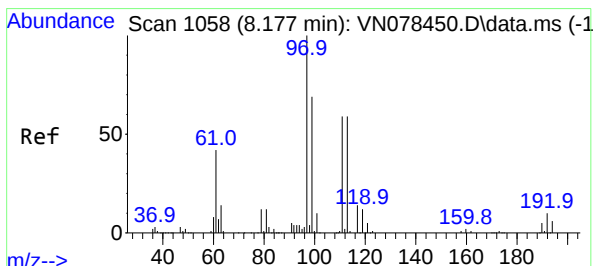
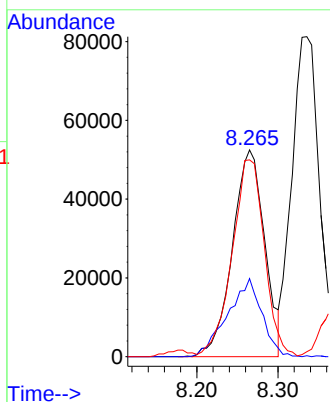
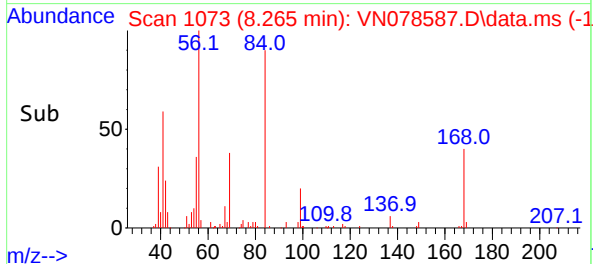
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBS01



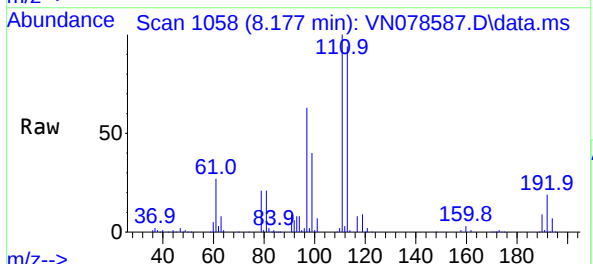
Tgt Ion: 56 Resp: 144892
Ion Ratio Lower Upper
56 100
69 37.7 26.8 40.2
84 92.1 81.8 122.6

Manual Integrations
APPROVED

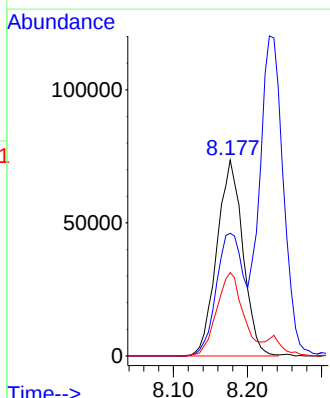
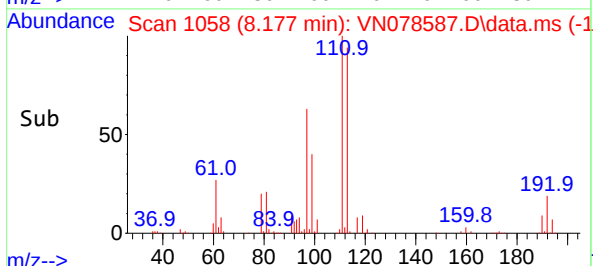
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

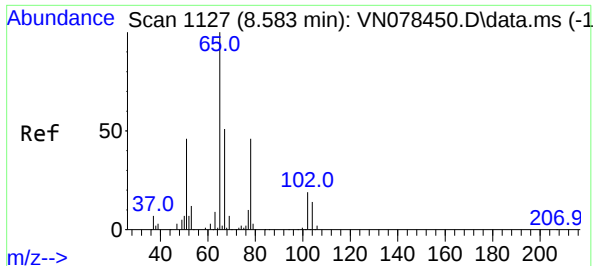


#32
1,1,1-Trichloroethane
Concen: 19.724 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57



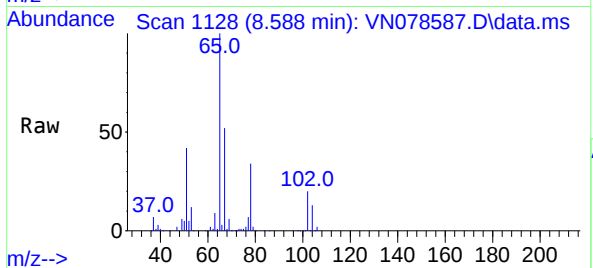
Tgt Ion: 97 Resp: 179738
Ion Ratio Lower Upper
97 100
99 65.1 50.3 75.5
61 43.7 34.7 52.1





#33
1,2-Dichloroethane-d4
Concen: 50.847 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.005 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

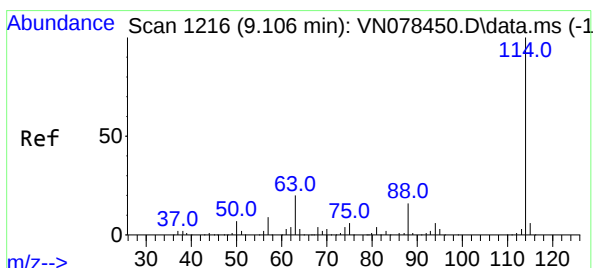
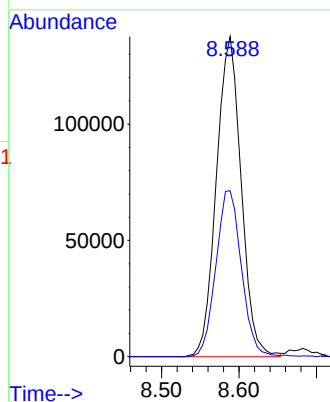
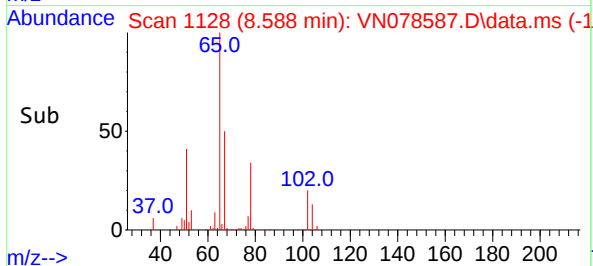
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBS01



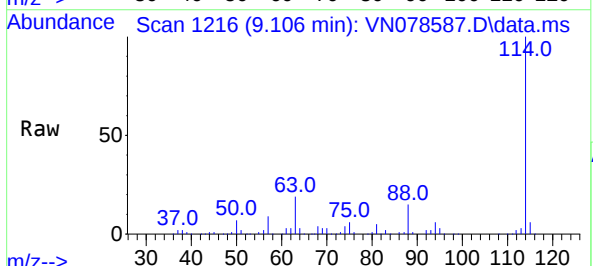
Tgt Ion: 65 Resp: 30590
Ion Ratio Lower Upper
65 100
67 53.5 0.0 106.6

Manual Integrations
APPROVED

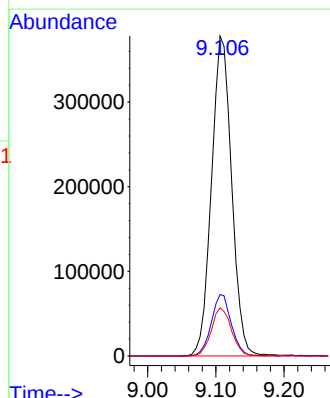
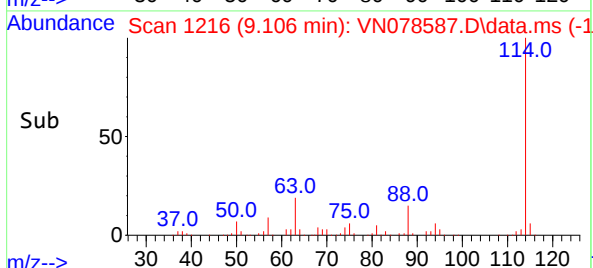
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

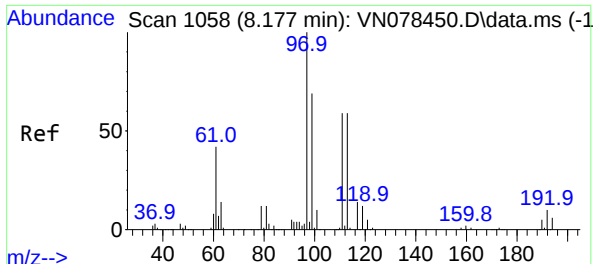


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57



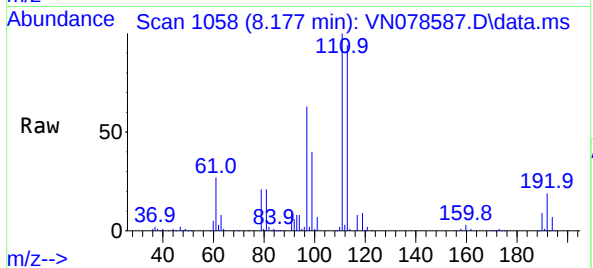
Tgt Ion:114 Resp: 777957
Ion Ratio Lower Upper
114 100
63 19.2 0.0 36.4
88 15.0 0.0 30.6





#35
Dibromofluoromethane
Concen: 51.892 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

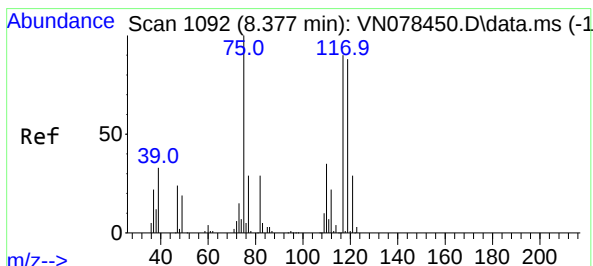
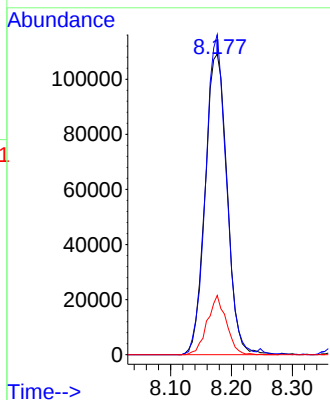
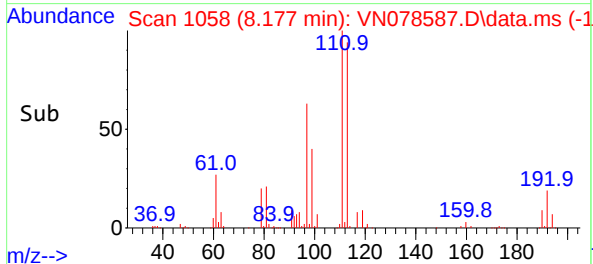
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBS01



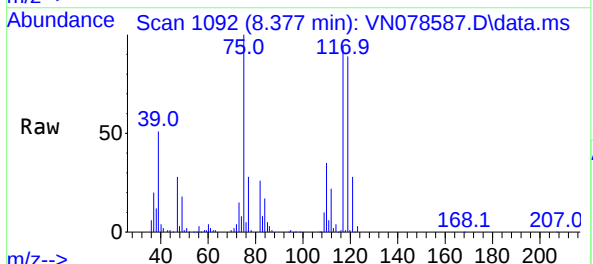
Tgt Ion:113 Resp: 27404
Ion Ratio Lower Upper
113 100
111 100.4 82.6 123.8
192 17.1 12.7 19.1

Manual Integrations
APPROVED

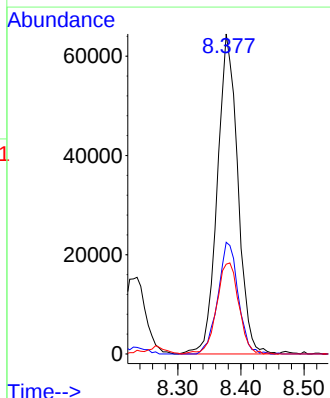
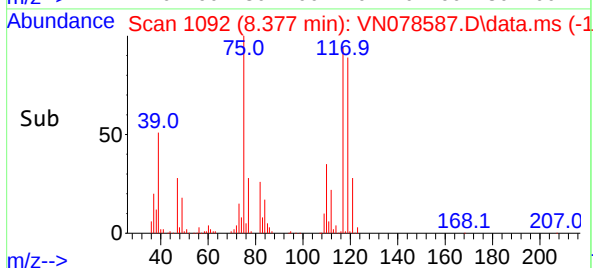
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

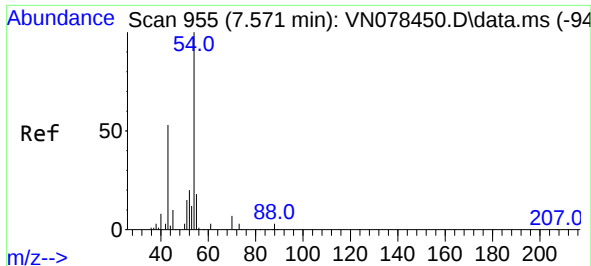


#36
1,1-Dichloropropene
Concen: 19.039 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57



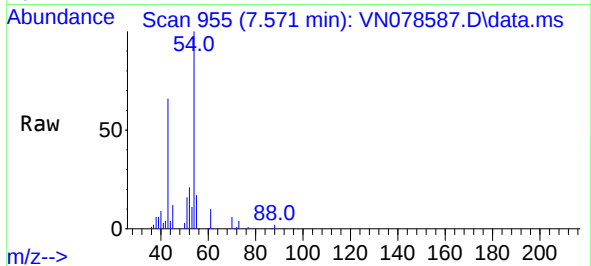
Tgt Ion: 75 Resp: 145175
Ion Ratio Lower Upper
75 100
110 34.7 19.1 57.3
77 30.9 25.0 37.4





#37
Ethyl Acetate
Concen: 19.528 ug/l
RT: 7.571 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

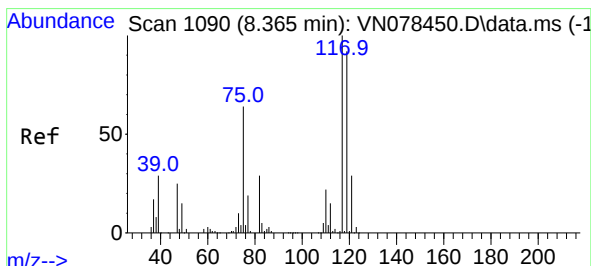
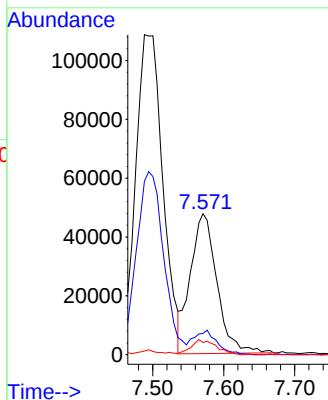
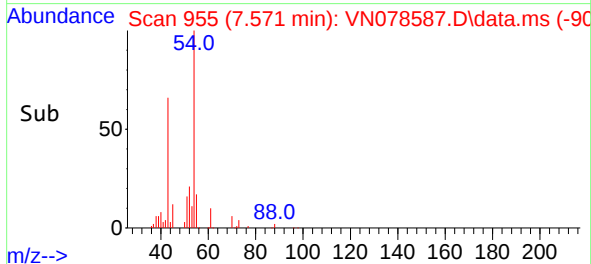
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBS01



Tgt Ion: 43 Resp: 12413
Ion Ratio Lower Upper
43 100
61 15.3 13.2 19.8
70 10.0 11.3 16.9

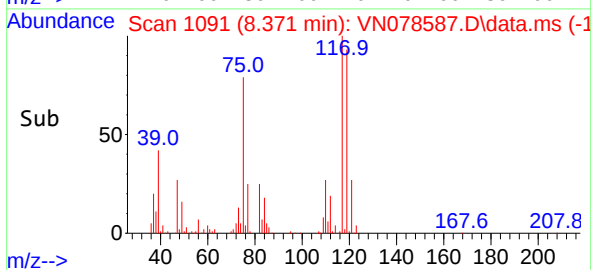
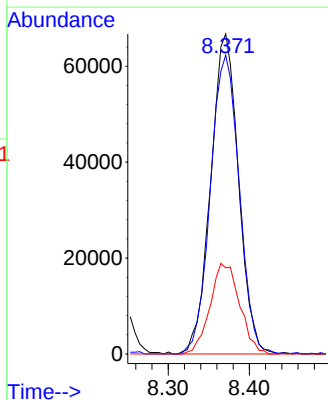
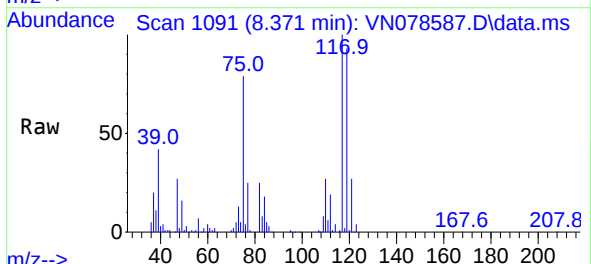
Manual Integrations
APPROVED

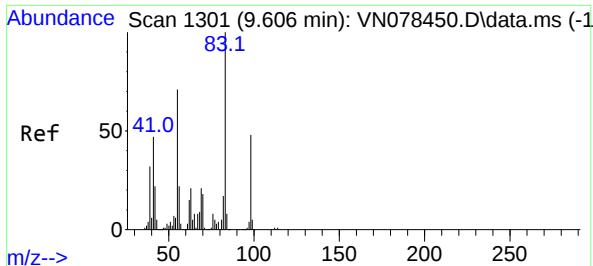
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#38
Carbon Tetrachloride
Concen: 19.148 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

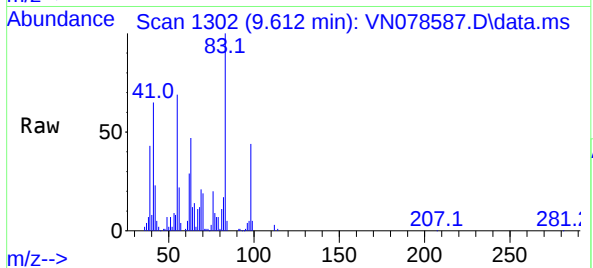
Tgt Ion:117 Resp: 158688
Ion Ratio Lower Upper
117 100
119 93.4 77.3 115.9
121 26.9 23.3 34.9





#39
Methylcyclohexane
Concen: 18.840 ug/l
RT: 9.612 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

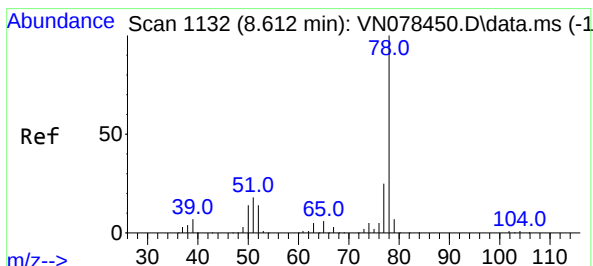
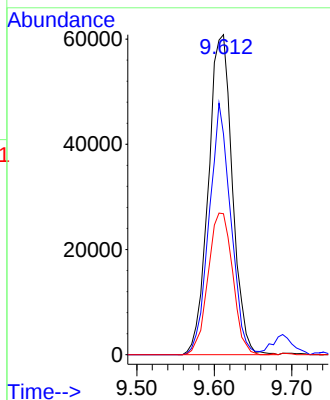
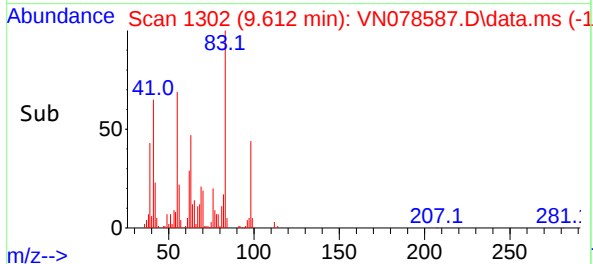
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBS01



Tgt Ion: 83 Resp: 131130
Ion Ratio Lower Upper
83 100
55 69.0 49.1 73.7
98 44.1 40.6 61.0

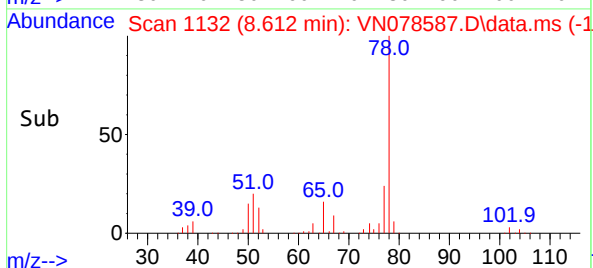
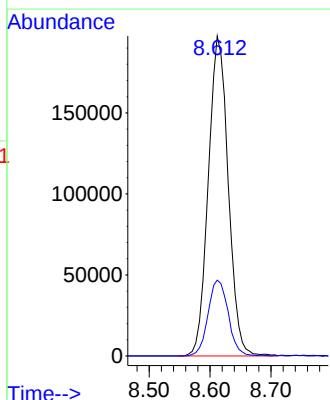
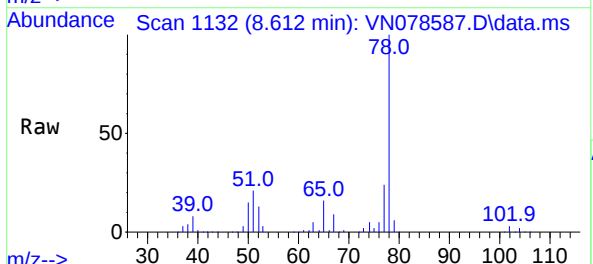
Manual Integrations
APPROVED

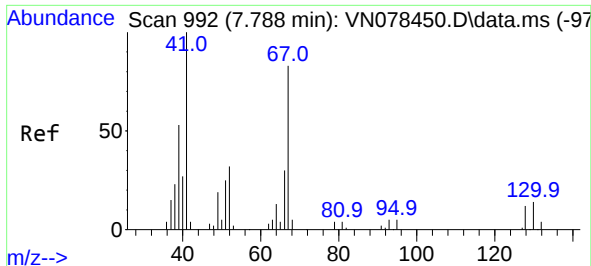
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#40
Benzene
Concen: 19.890 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

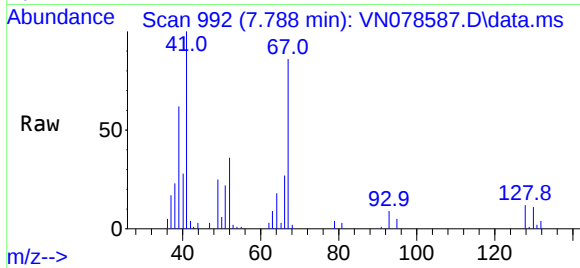
Tgt Ion: 78 Resp: 449321
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6





#41
Methacrylonitrile
Concen: 20.086 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

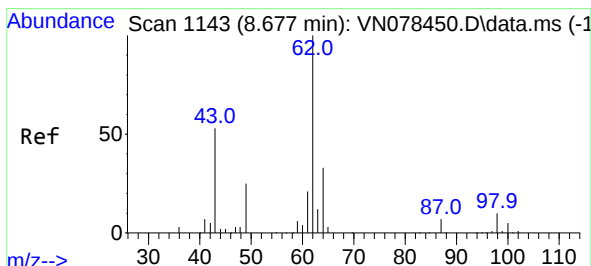
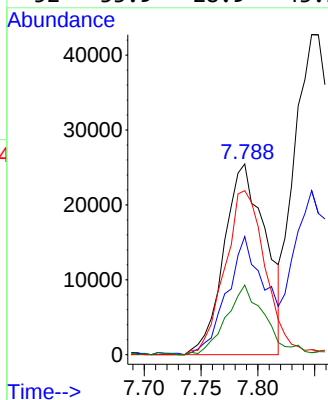
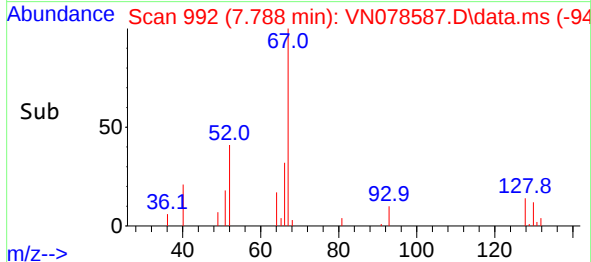
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBS01



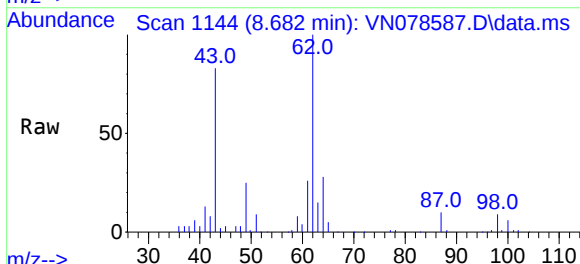
Tgt Ion: 41 Resp: 65088
Ion Ratio Lower Upper
41 100
39 56.2 42.6 64.0
67 84.5 77.5 116.3
52 33.9 28.9 43.3

Manual Integrations
APPROVED

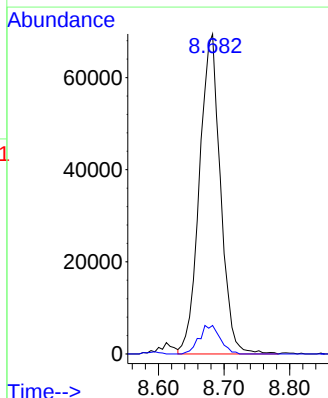
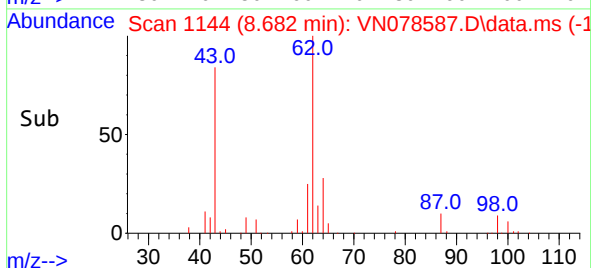
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

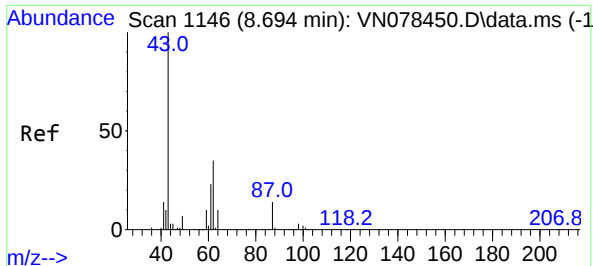


#42
1,2-Dichloroethane
Concen: 20.165 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.005 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57



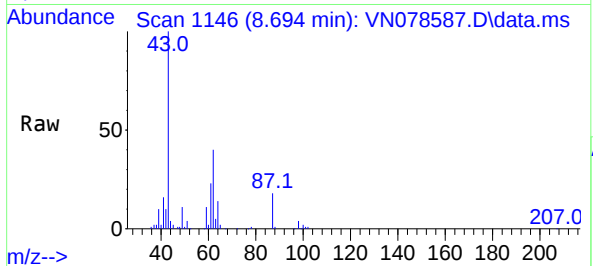
Tgt Ion: 62 Resp: 154947
Ion Ratio Lower Upper
62 100
98 9.0 0.0 19.8





#43
Isopropyl Acetate
Concen: 20.931 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

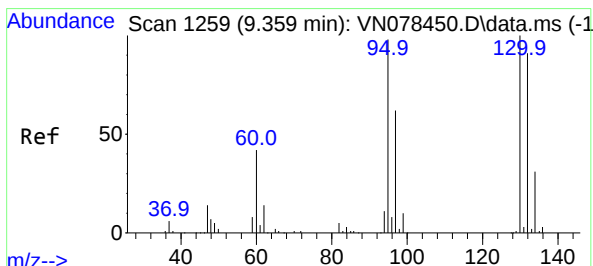
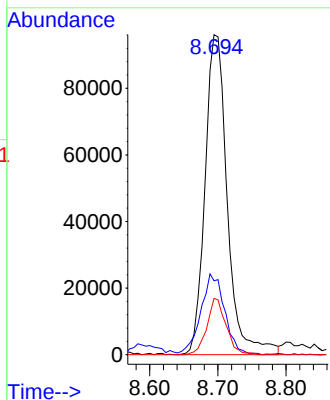
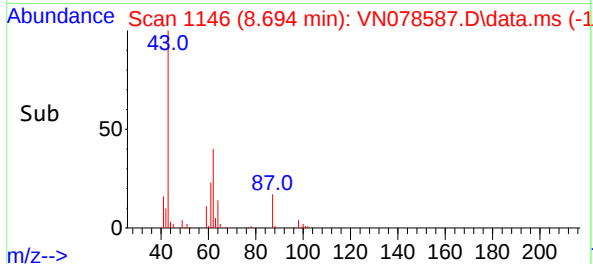
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBS01



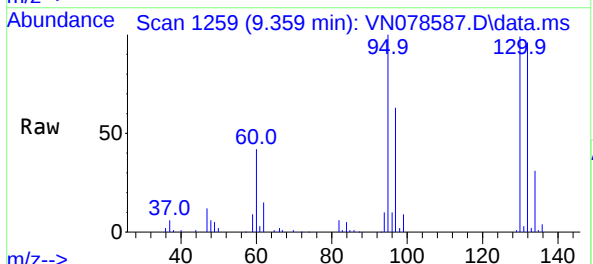
Tgt Ion: 43 Resp: 219054
Ion Ratio Lower Upper
43 100
61 27.0 24.7 37.1
87 15.1 14.6 21.8

Manual Integrations
APPROVED

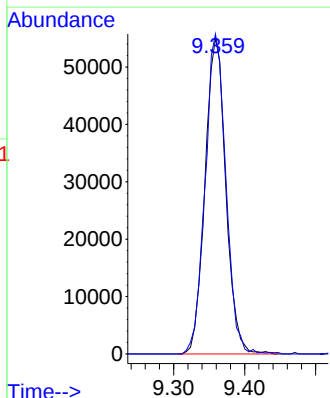
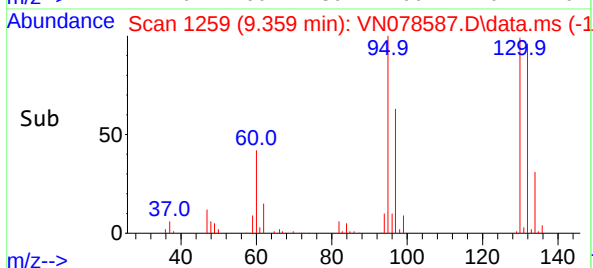
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

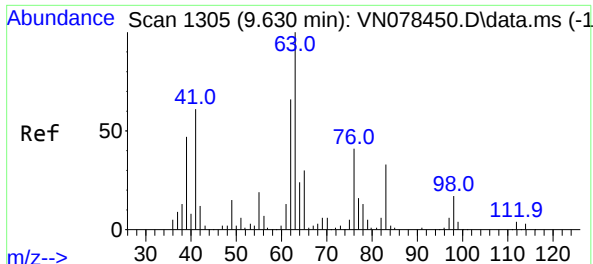


#44
Trichloroethene
Concen: 18.351 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57



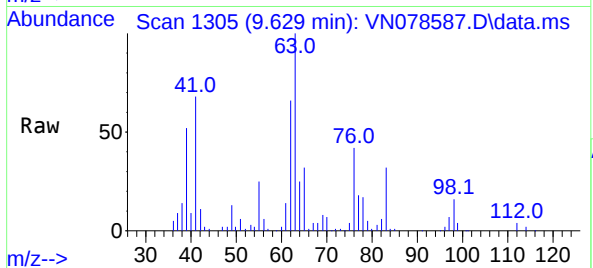
Tgt Ion:130 Resp: 111731
Ion Ratio Lower Upper
130 100
95 101.4 0.0 204.6





#45
1,2-Dichloropropane
Concen: 20.564 ug/l
RT: 9.629 min Scan# 117658
Delta R.T. -0.001 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

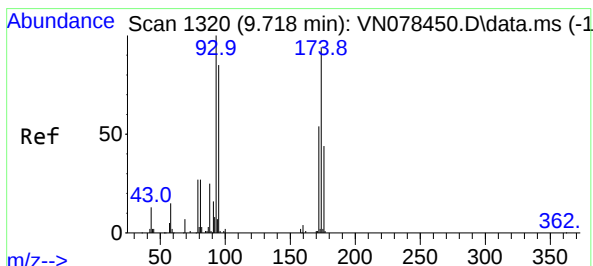
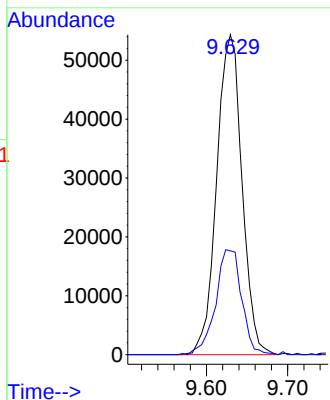
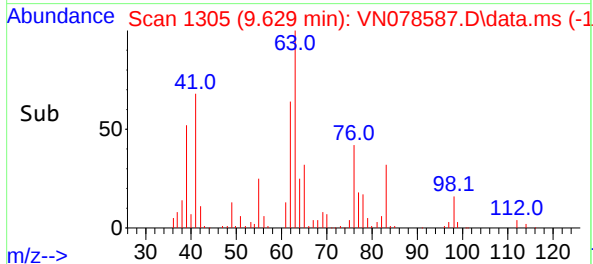
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBS01



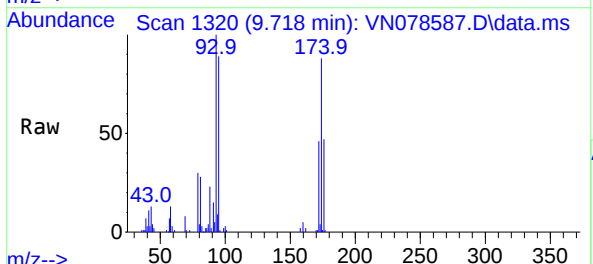
Tgt Ion: 63 Resp: 117658
Ion Ratio Lower Upper
63 100
65 32.4 23.9 35.9

Manual Integrations
APPROVED

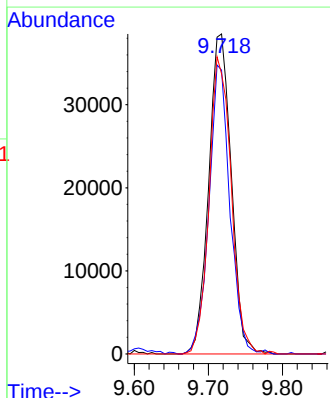
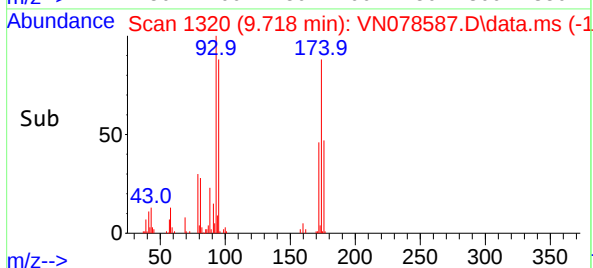
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

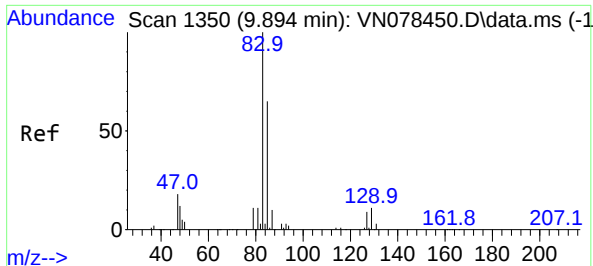


#46
Dibromomethane
Concen: 20.251 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57



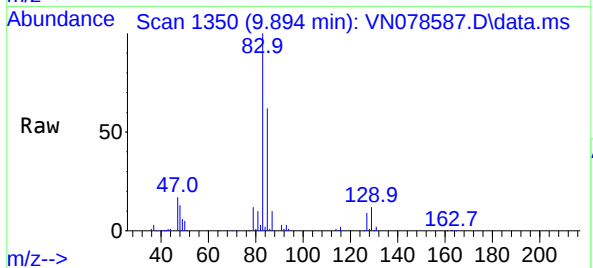
Tgt Ion: 93 Resp: 81552
Ion Ratio Lower Upper
93 100
95 83.9 63.8 95.8
174 91.0 65.6 98.4





#47
Bromodichloromethane
Concen: 20.333 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

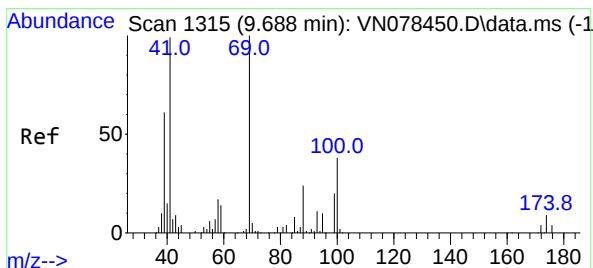
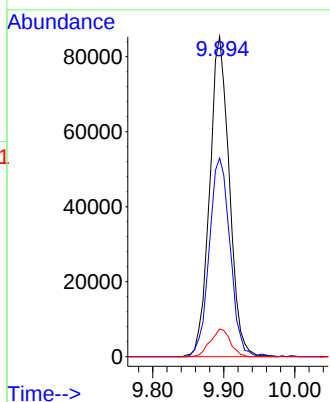
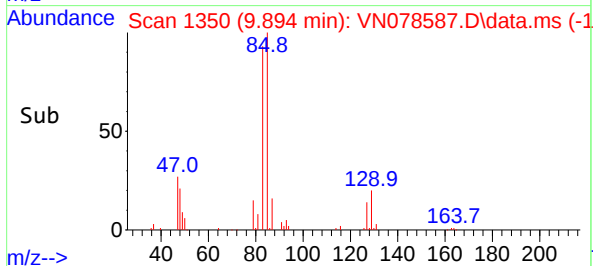
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBS01



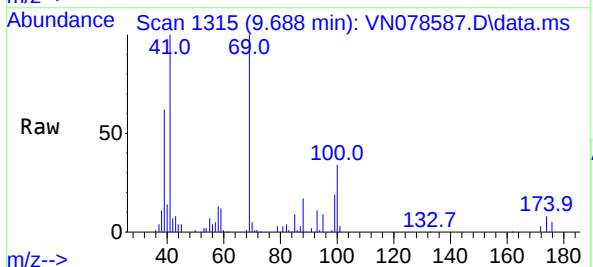
Tgt Ion: 83 Resp: 164134
Ion Ratio Lower Upper
83 100
85 62.1 49.6 74.4
127 8.7 7.0 10.6

Manual Integrations
APPROVED

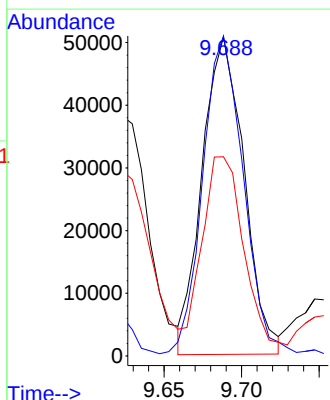
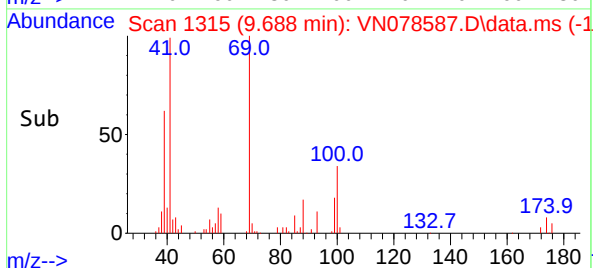
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

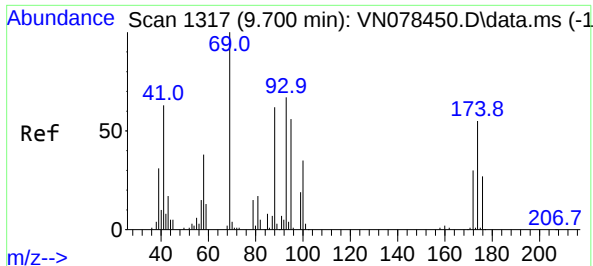


#48
Methyl methacrylate
Concen: 19.631 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57



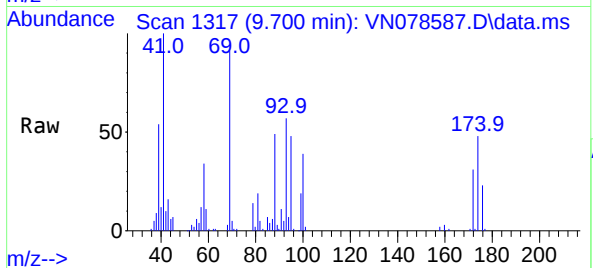
Tgt Ion: 41 Resp: 95180
Ion Ratio Lower Upper
41 100
69 99.3 90.4 135.6
39 64.1 54.6 81.8





#49
1,4-Dioxane
Concen: 348.925 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

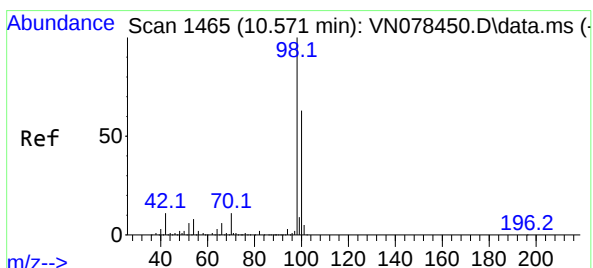
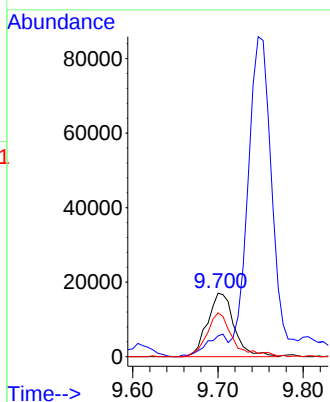
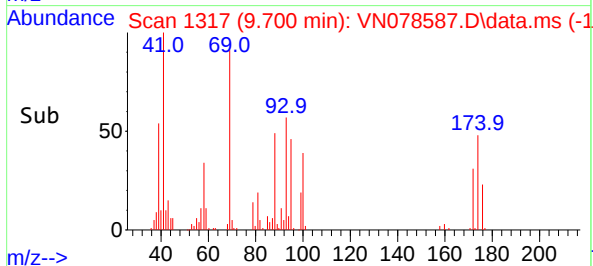
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBS01



Tgt Ion: 88 Resp: 36894
Ion Ratio Lower Upper
88 100
43 28.3 17.0 25.6
58 67.3 47.0 70.4

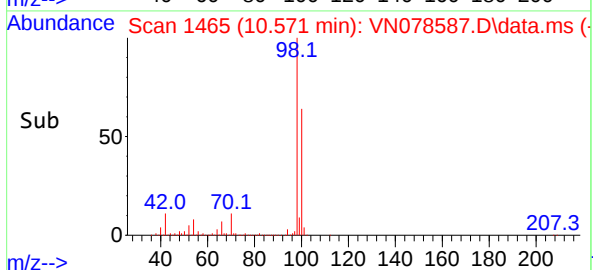
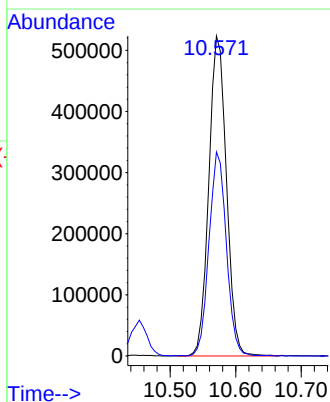
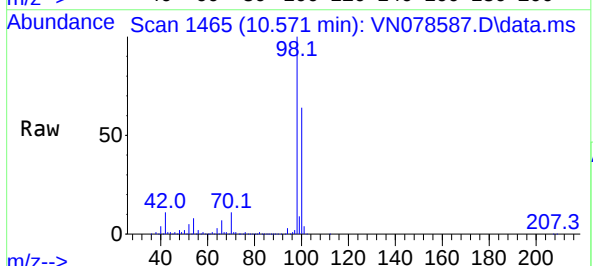
Manual Integrations
APPROVED

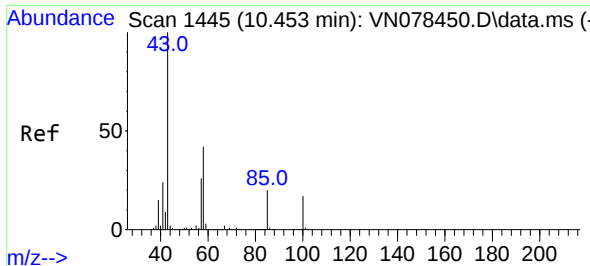
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#50
Toluene-d8
Concen: 48.941 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

Tgt Ion: 98 Resp: 976387
Ion Ratio Lower Upper
98 100
100 63.0 52.0 78.0





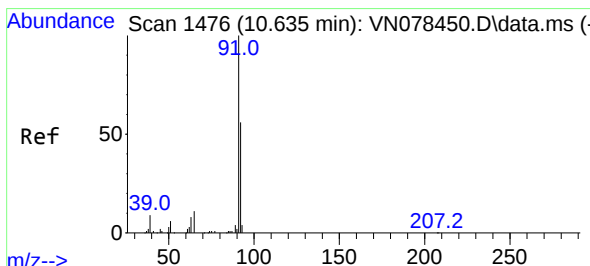
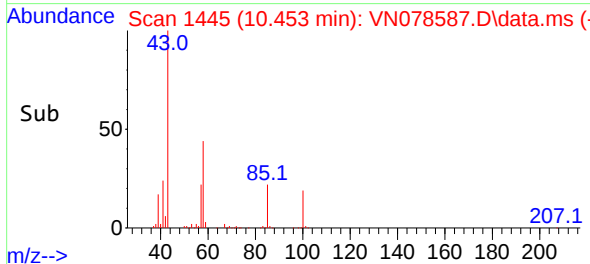
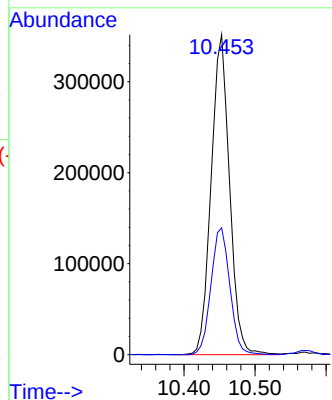
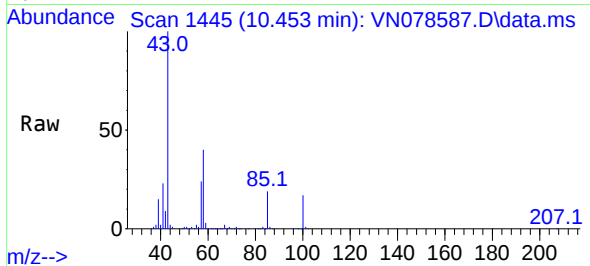
#51
4-Methyl-2-Pentanone
Concen: 101.616 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

Instrument :
MSVOA_N
ClientSampleId :
VN0720WBS01

Tgt Ion: 43 Resp: 632549
Ion Ratio Lower Upper
43 100
58 40.7 36.6 54.8

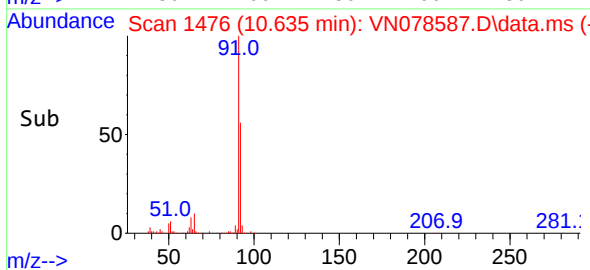
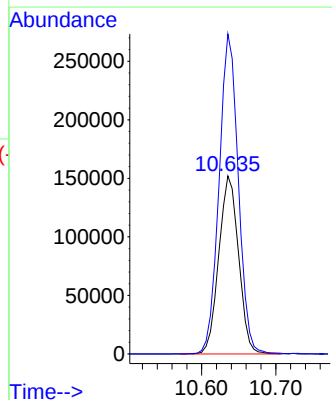
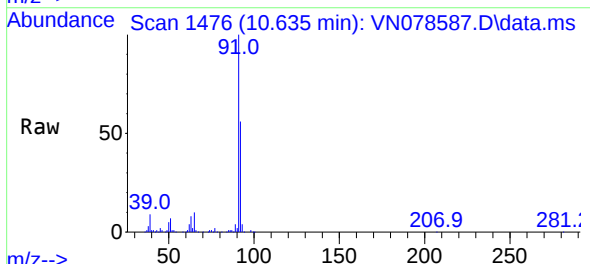
Manual Integrations
APPROVED

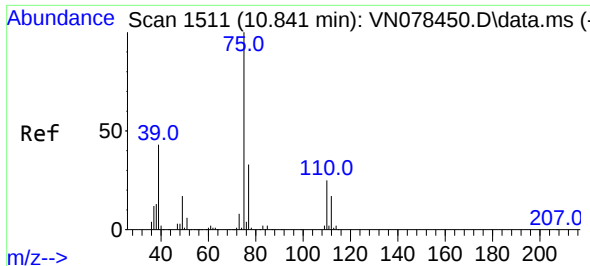
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#52
Toluene
Concen: 20.104 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

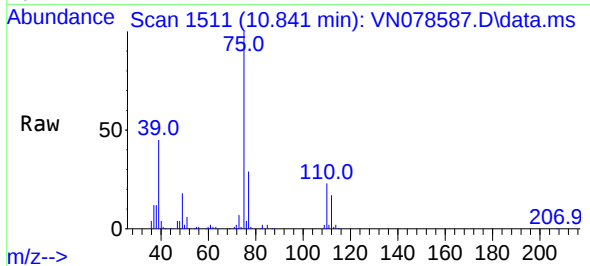
Tgt Ion: 92 Resp: 281472
Ion Ratio Lower Upper
92 100
91 175.2 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 19.701 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN078587.D
 Acq: 20 Jul 2023 11:57

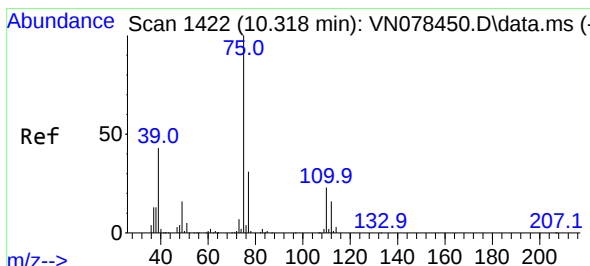
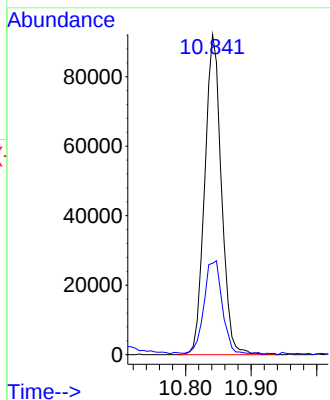
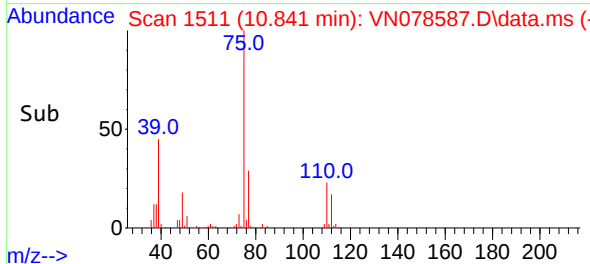
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0720WBS01



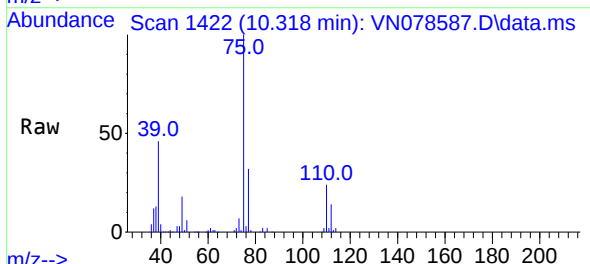
Tgt Ion: 75 Resp: 162920
 Ion Ratio Lower Upper
 75 100
 77 28.6 25.4 38.0

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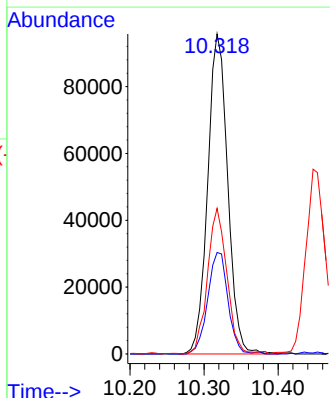
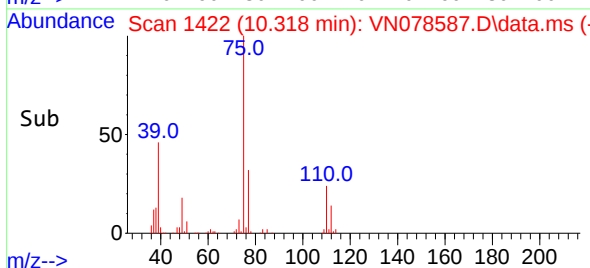
Reviewed By :John Carlone 07/21/2023
 Supervised By :Mahesh Dadoda 07/21/2023

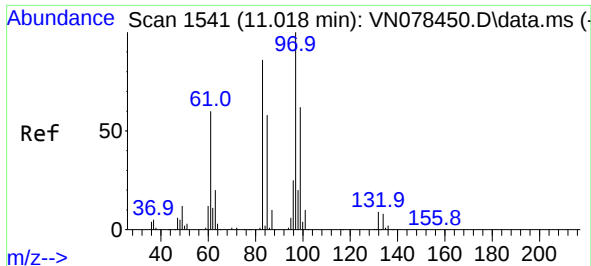


#54
 cis-1,3-Dichloropropene
 Concen: 20.361 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN078587.D
 Acq: 20 Jul 2023 11:57



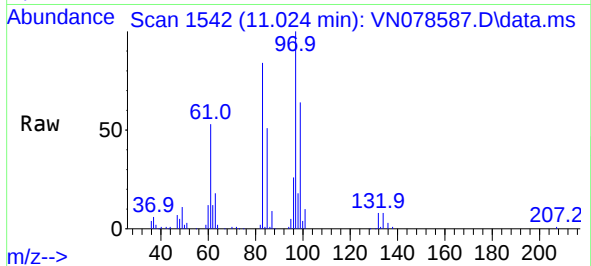
Tgt Ion: 75 Resp: 179489
 Ion Ratio Lower Upper
 75 100
 77 31.7 26.1 39.1
 39 45.3 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 21.048 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.005 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

Instrument :
MSVOA_N
ClientSampleId :
VN0720WBS01

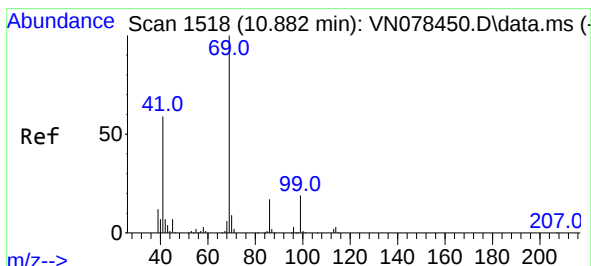
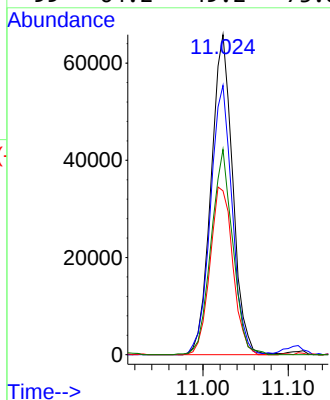
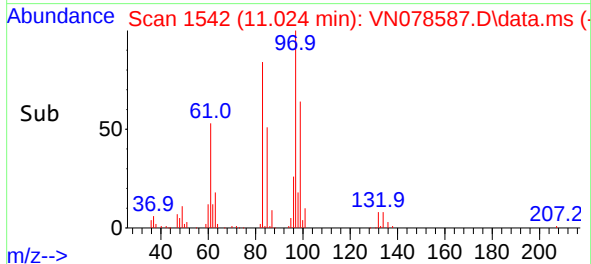


Tgt Ion: 97 Resp: 11610

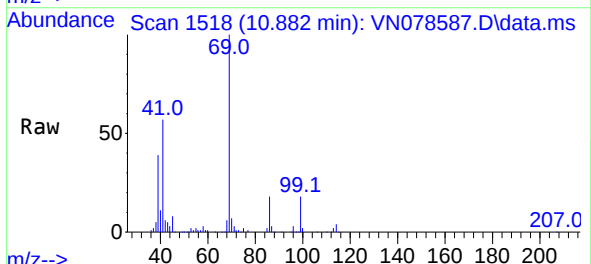
Ion	Ratio	Lower	Upper
97	100		
83	84.1	65.1	97.7
85	51.2	43.4	65.2
99	64.2	49.2	73.8

Manual Integrations
APPROVED

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

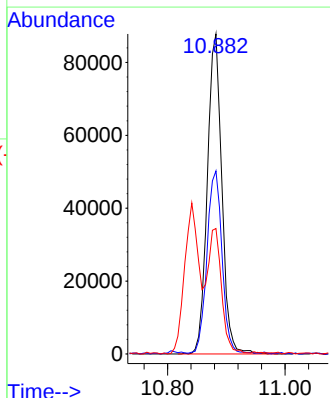
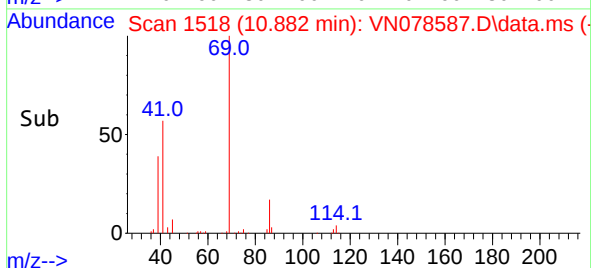


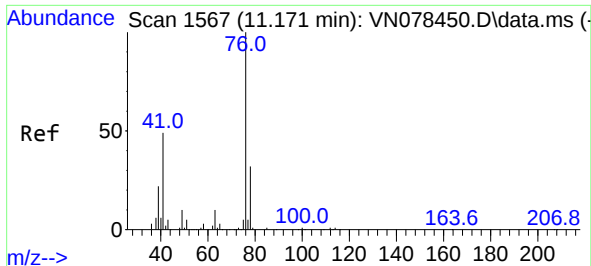
#56
Ethyl methacrylate
Concen: 19.460 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57



Tgt Ion: 69 Resp: 150063

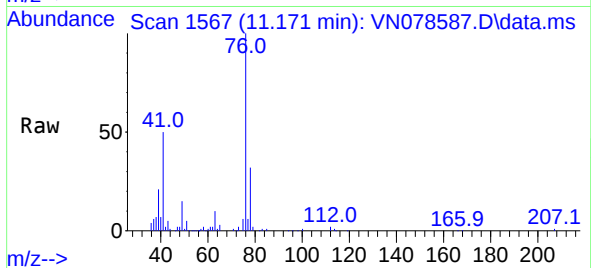
Ion	Ratio	Lower	Upper
69	100		
41	58.7	39.6	59.4
39	38.2	28.6	43.0





#57
1,3-Dichloropropane
Concen: 20.093 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

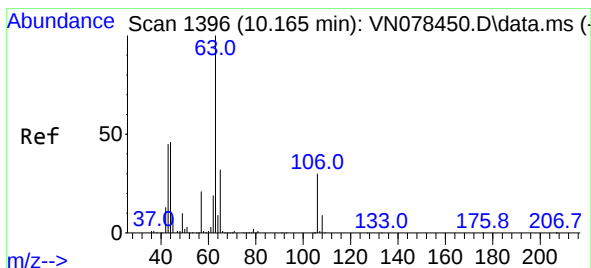
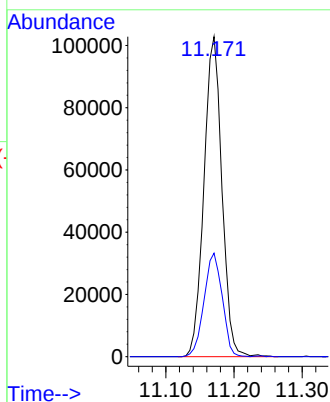
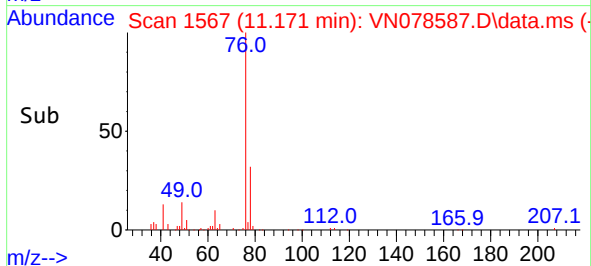
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBS01



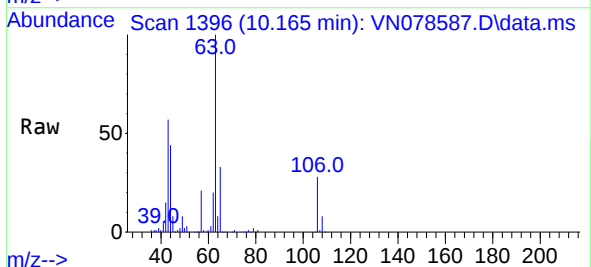
Tgt Ion: 76 Resp: 188463
Ion Ratio Lower Upper
76 100
78 32.7 26.1 39.1

Manual Integrations
APPROVED

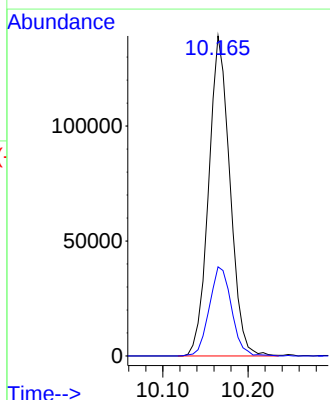
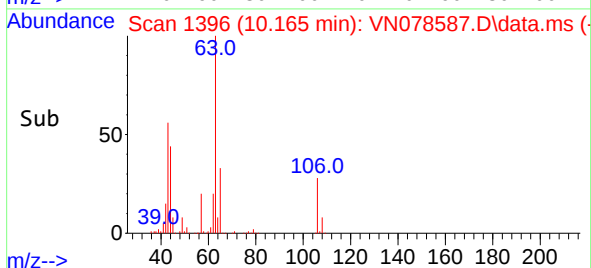
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

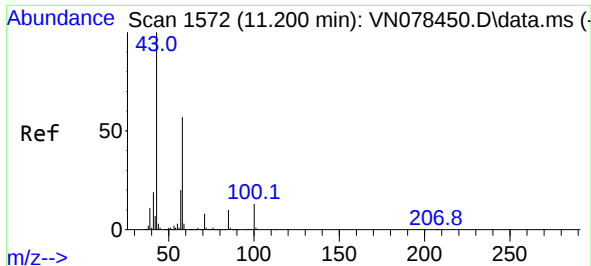


#58
2-Chloroethyl Vinyl ether
Concen: 88.083 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57



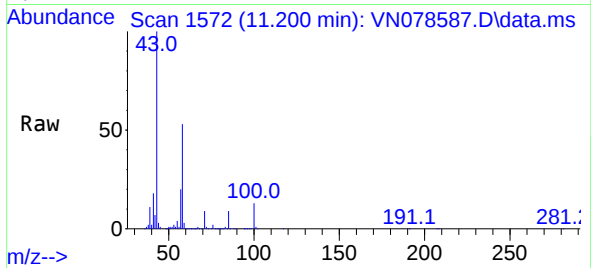
Tgt Ion: 63 Resp: 242060
Ion Ratio Lower Upper
63 100
106 29.0 26.2 39.4





#59
2-Hexanone
Concen: 98.483 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

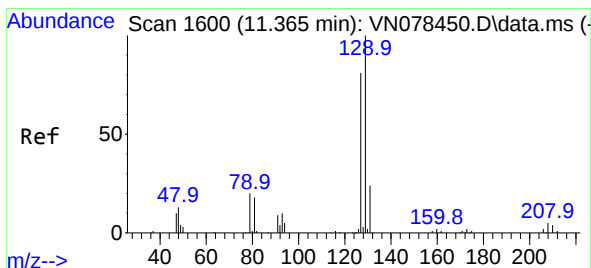
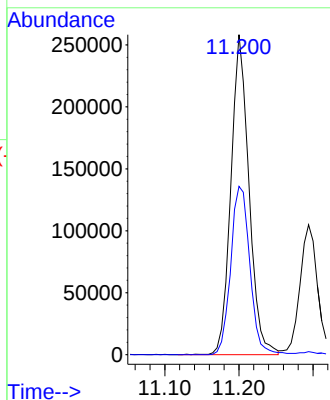
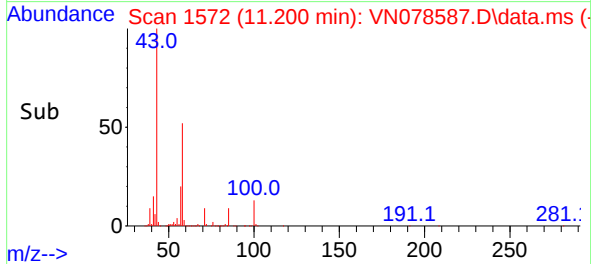
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBS01



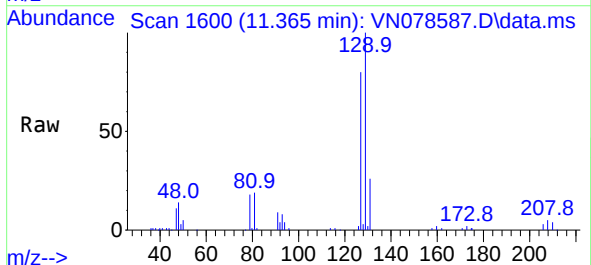
Tgt Ion: 43 Resp: 435698
Ion Ratio Lower Upper
43 100
58 55.9 31.7 95.1

Manual Integrations
APPROVED

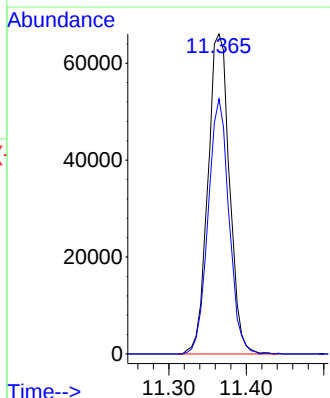
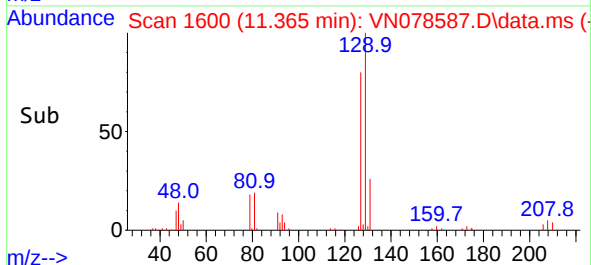
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

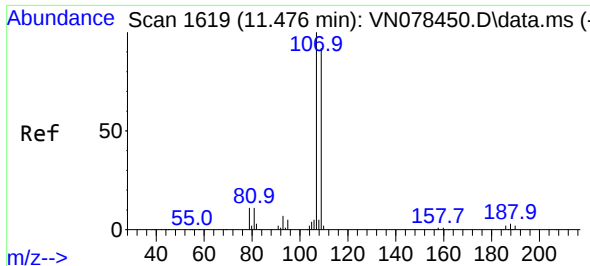


#60
Dibromochloromethane
Concen: 20.962 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57



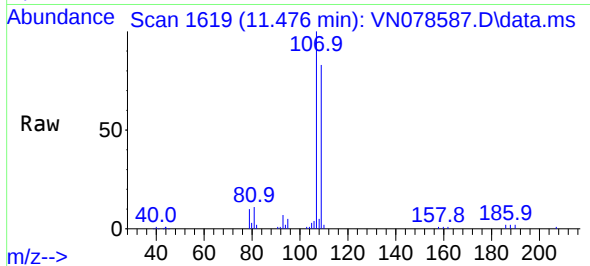
Tgt Ion:129 Resp: 127659
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0





#61
1,2-Dibromoethane
Concen: 20.067 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

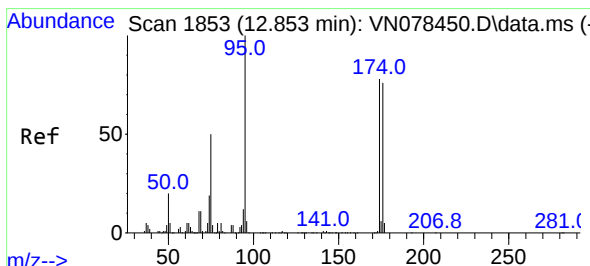
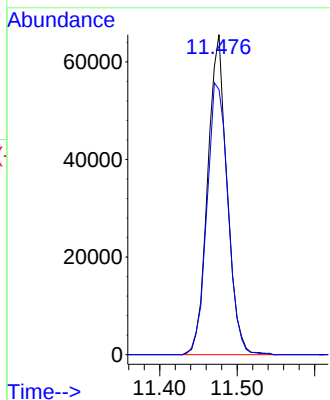
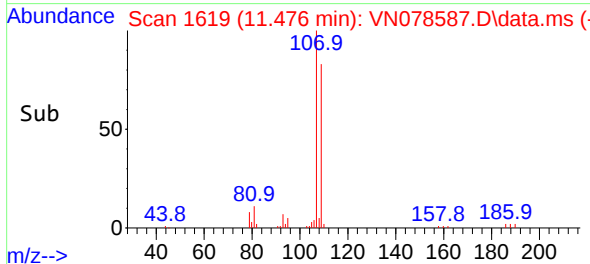
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBS01



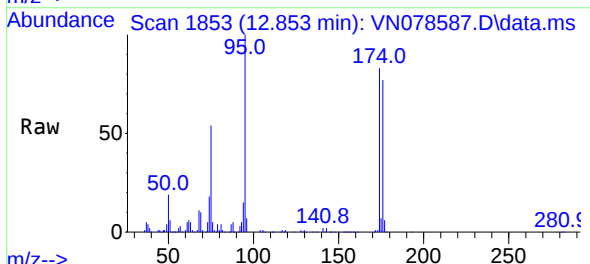
Tgt Ion:107 Resp: 114034
Ion Ratio Lower Upper
107 100
109 92.6 76.6 114.8

Manual Integrations
APPROVED

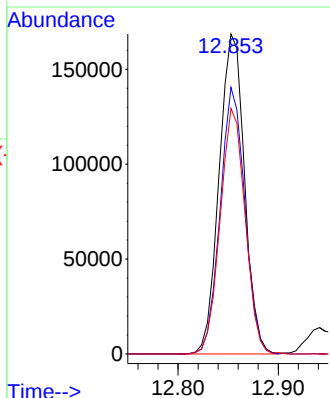
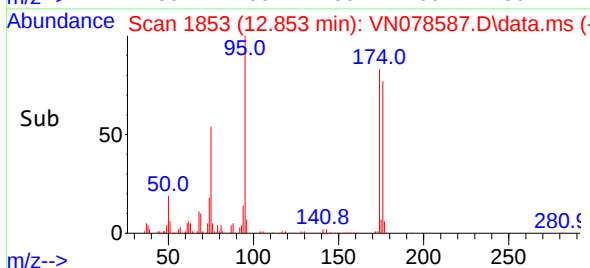
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

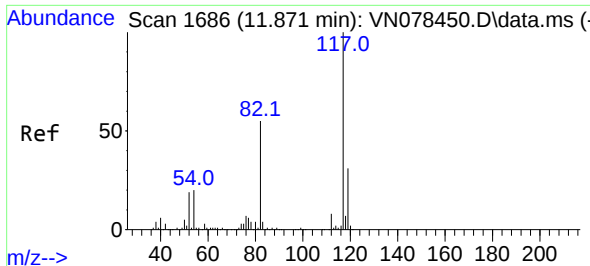


#62
4-Bromofluorobenzene
Concen: 48.149 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57



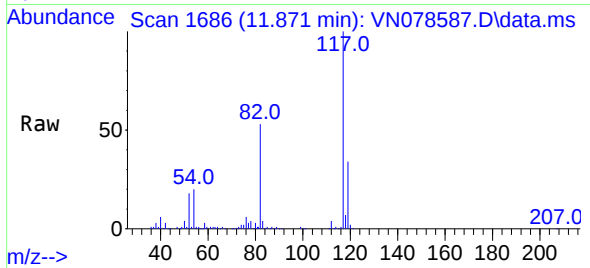
Tgt Ion: 95 Resp: 295879
Ion Ratio Lower Upper
95 100
174 81.1 0.0 143.8
176 75.6 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

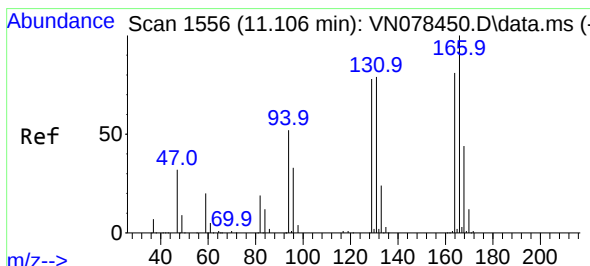
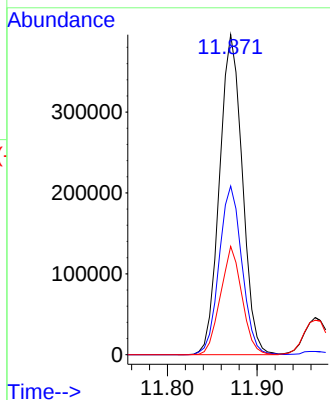
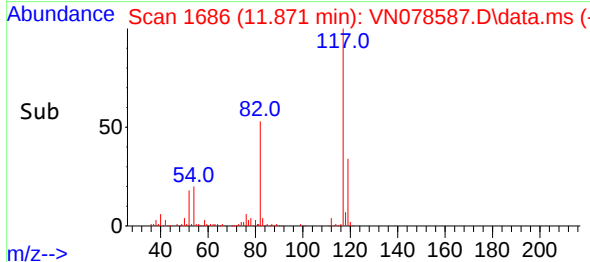
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBS01



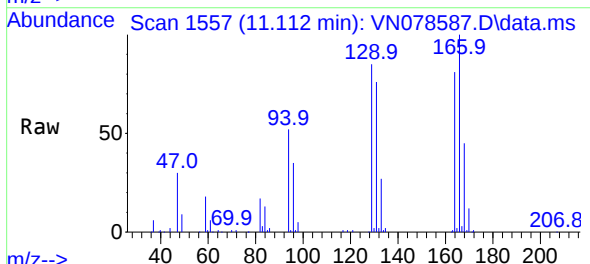
Tgt Ion:117 Resp: 699910
Ion Ratio Lower Upper
117 100
82 52.7 44.0 66.0
119 33.9 25.6 38.4

Manual Integrations
APPROVED

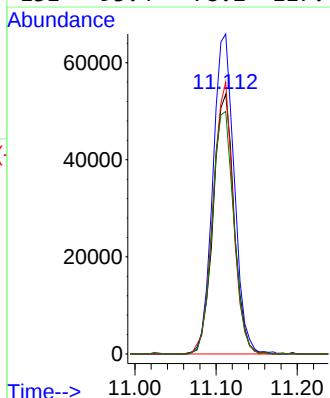
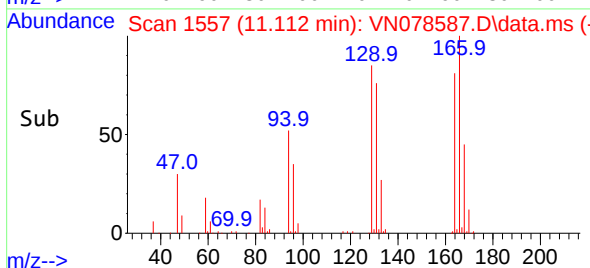
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

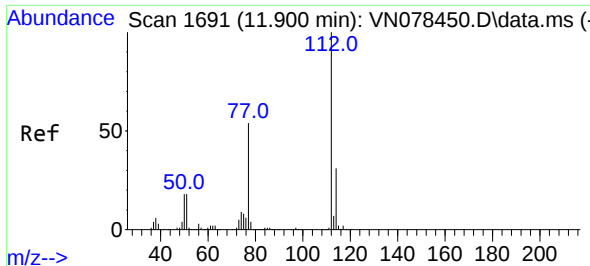


#64
Tetrachloroethene
Concen: 18.186 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57



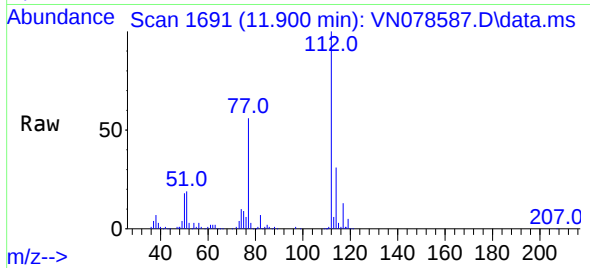
Tgt Ion:164 Resp: 95699
Ion Ratio Lower Upper
164 100
166 123.3 101.4 152.0
129 104.8 82.4 123.6
131 93.4 78.2 117.4





#65
Chlorobenzene
Concen: 18.516 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

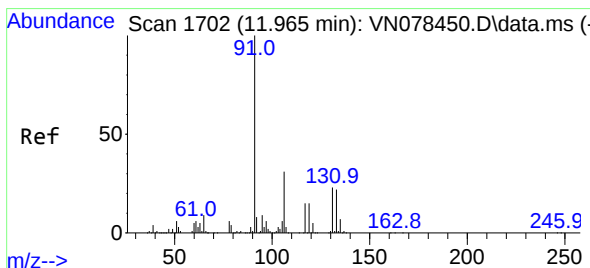
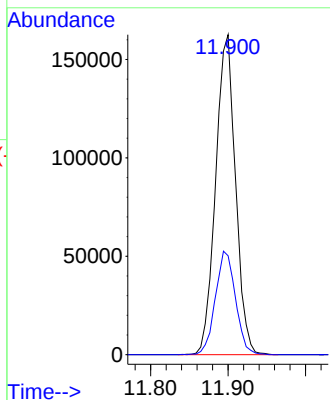
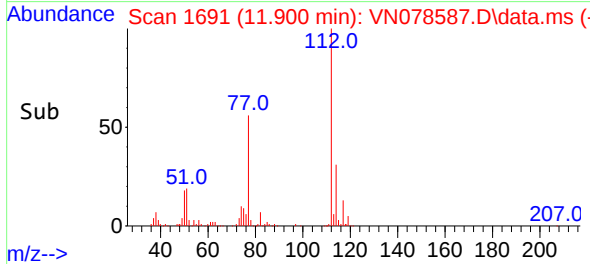
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBS01



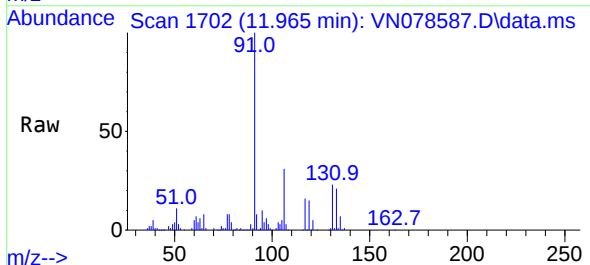
Tgt Ion:112 Resp: 28968
Ion Ratio Lower Upper
112 100
114 30.9 25.0 37.4

Manual Integrations
APPROVED

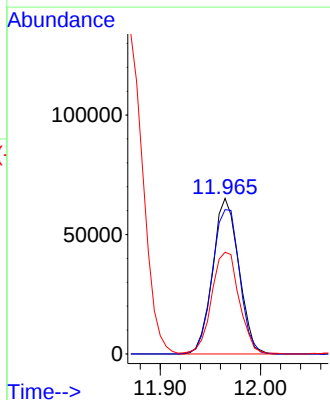
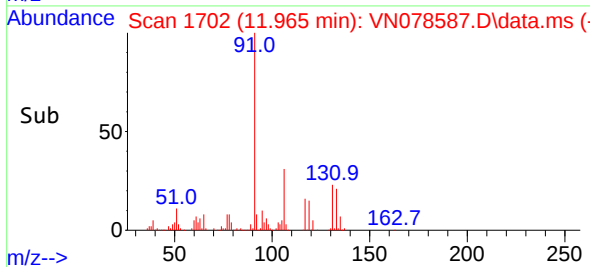
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

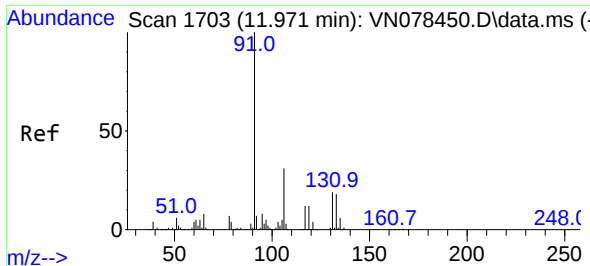


#66
1,1,1,2-Tetrachloroethane
Concen: 19.542 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57



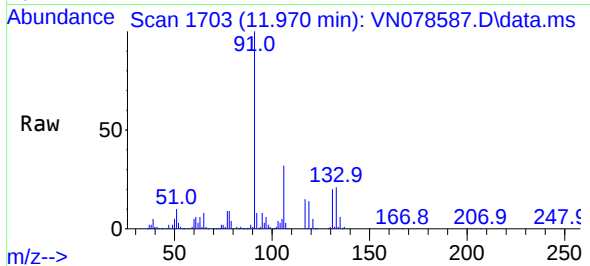
Tgt Ion:131 Resp: 117617
Ion Ratio Lower Upper
131 100
133 97.0 46.4 139.1
119 69.3 34.1 102.2





#67
Ethyl Benzene
Concen: 19.004 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

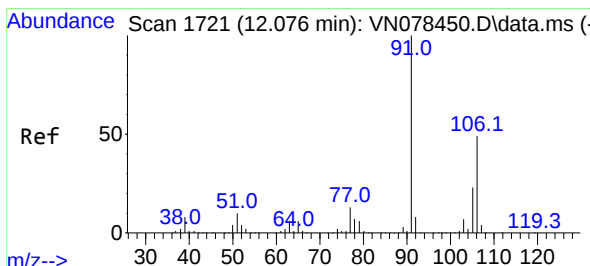
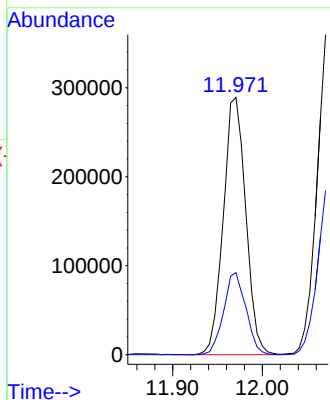
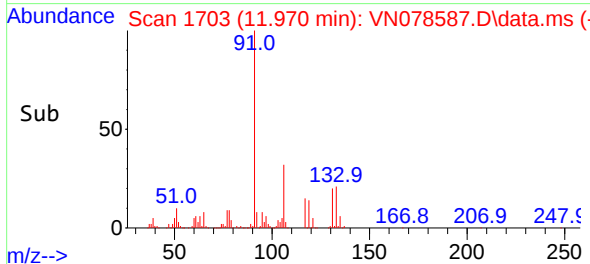
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBS01



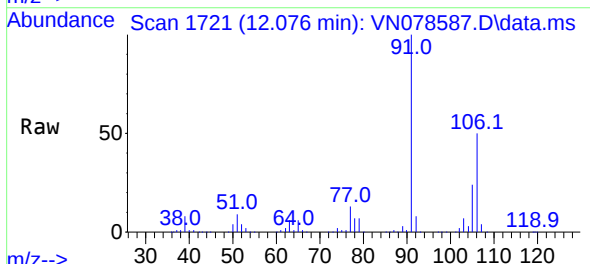
Tgt Ion: 91 Resp: 50256
Ion Ratio Lower Upper
91 100
106 31.9 25.6 38.4

Manual Integrations
APPROVED

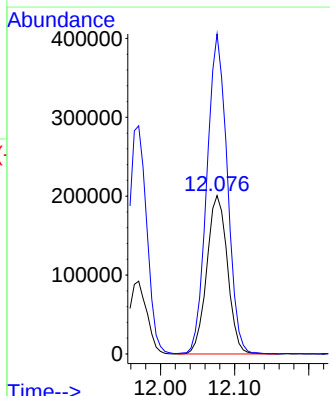
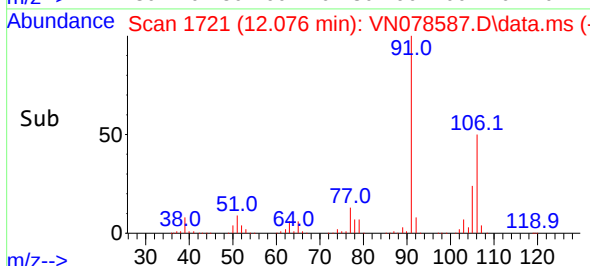
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

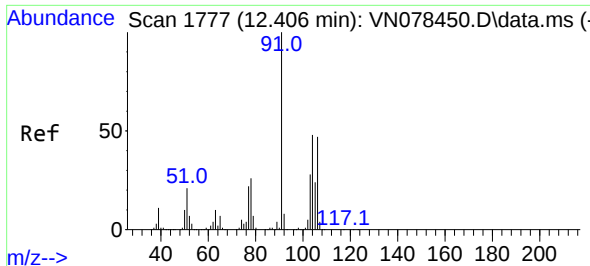


#68
m/p-Xylenes
Concen: 39.708 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57



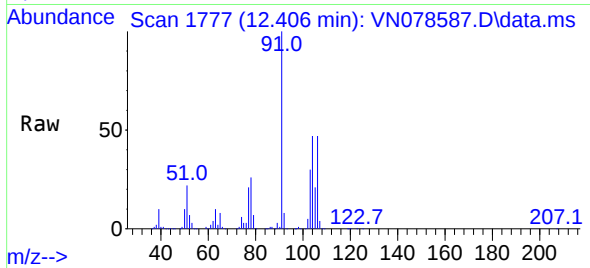
Tgt Ion:106 Resp: 388246
Ion Ratio Lower Upper
106 100
91 199.6 159.6 239.4





#69
o-Xylene
Concen: 18.956 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

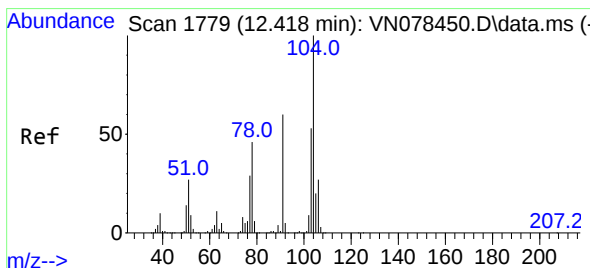
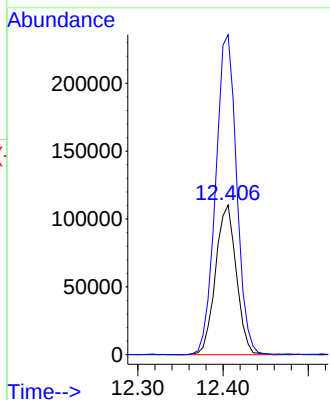
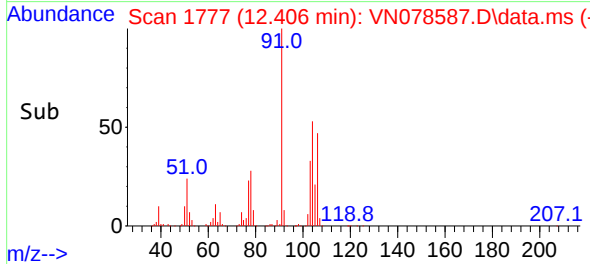
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBS01



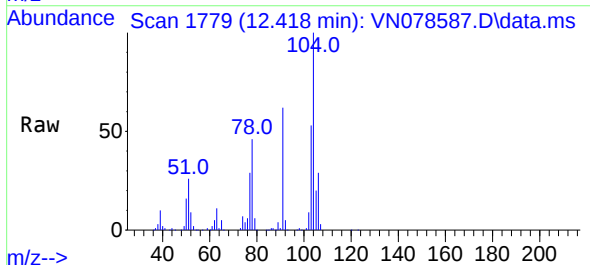
Tgt Ion:106 Resp: 187200
Ion Ratio Lower Upper
106 100
91 216.0 105.2 315.5

Manual Integrations
APPROVED

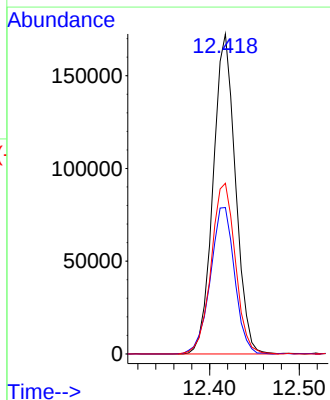
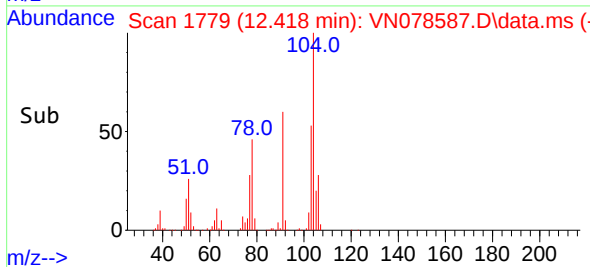
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

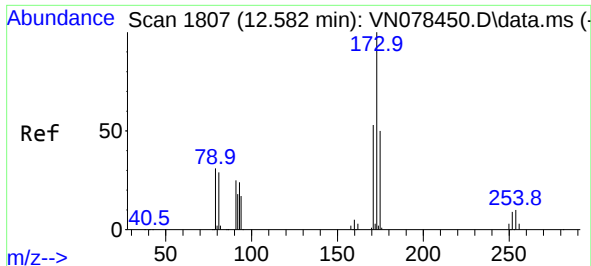


#70
Styrene
Concen: 19.281 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57



Tgt Ion:104 Resp: 297889
Ion Ratio Lower Upper
104 100
78 49.6 39.5 59.3
103 57.7 43.2 64.8





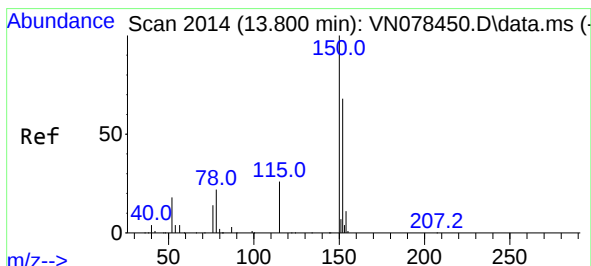
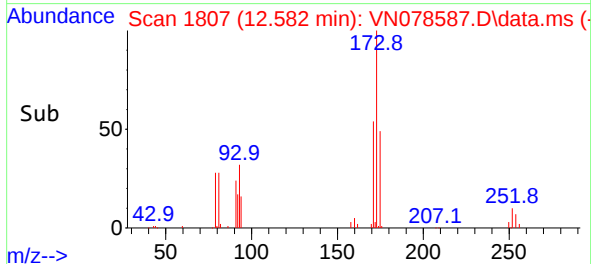
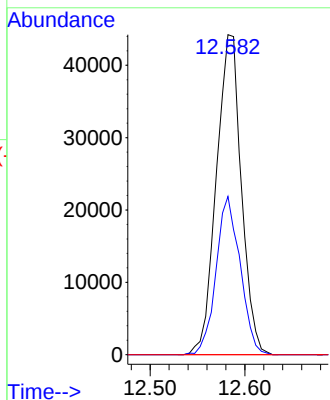
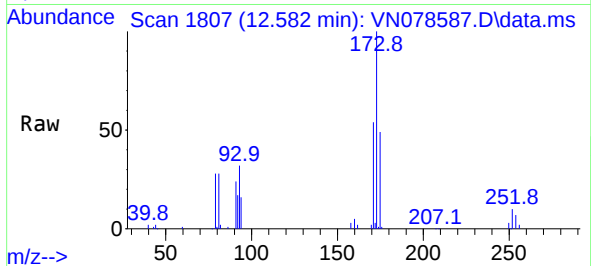
#71
Bromoform
Concen: 19.896 ug/l
RT: 12.582 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

Instrument :
MSVOA_N
ClientSampleId :
VN0720WBS01

Tgt Ion:173 Resp: 8109
Ion Ratio Lower Upper
173 100
175 47.7 24.3 73.0
254 0.0 0.0 0.0

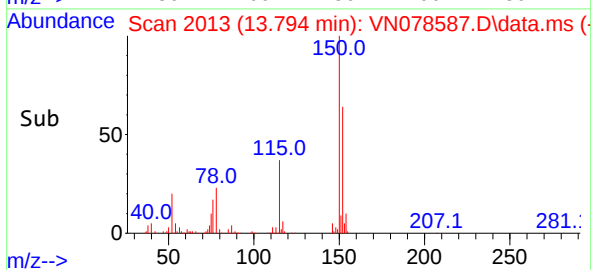
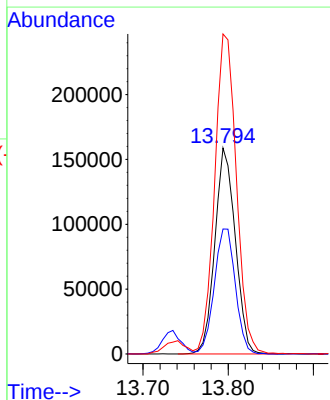
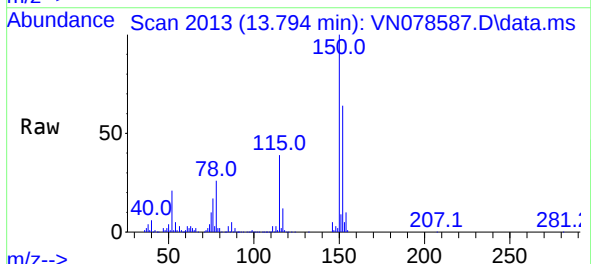
Manual Integrations
APPROVED

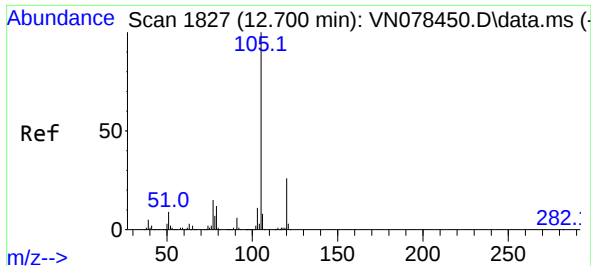
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

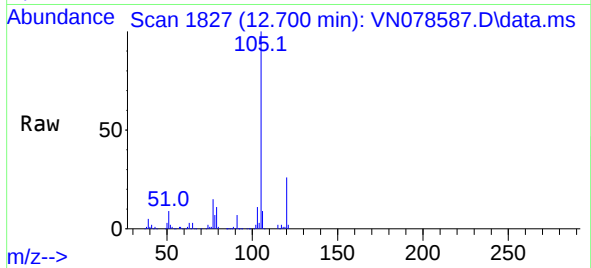
Tgt Ion:152 Resp: 265399
Ion Ratio Lower Upper
152 100
115 62.6 32.3 96.8
150 165.0 0.0 355.8





#73
Isopropylbenzene
Concen: 18.868 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

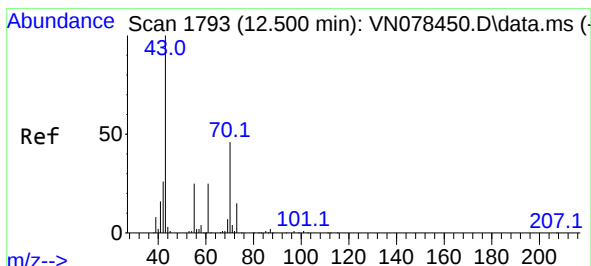
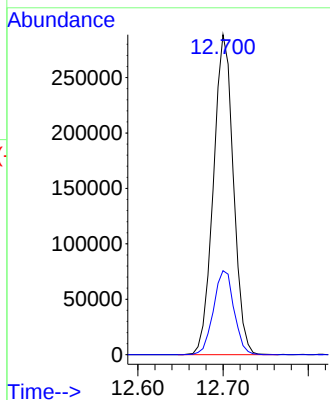
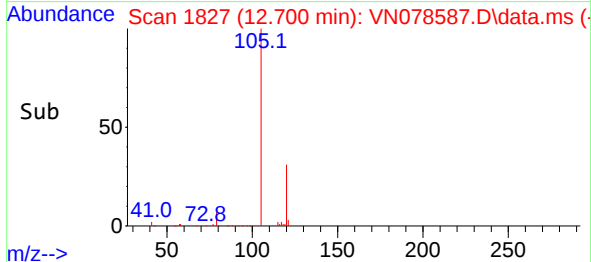
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBS01



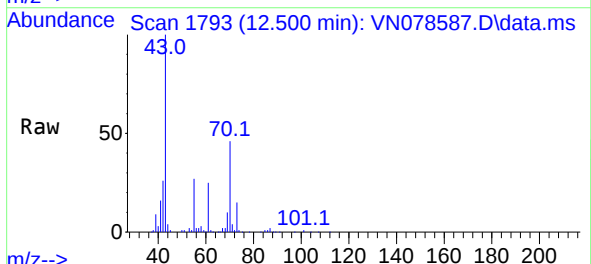
Tgt Ion:105 Resp: 470542
Ion Ratio Lower Upper
105 100
120 26.9 13.1 39.1

Manual Integrations
APPROVED

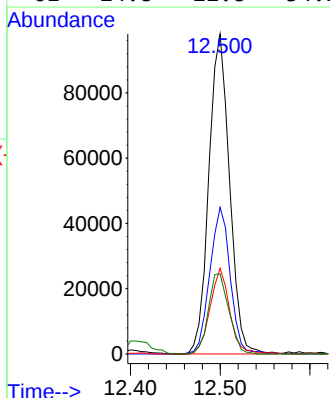
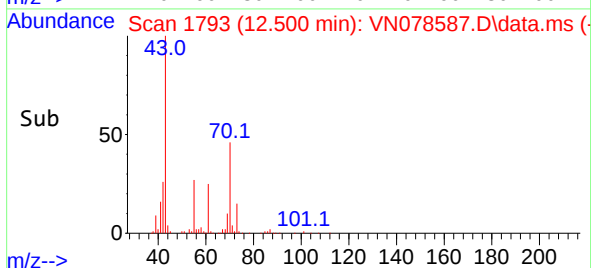
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

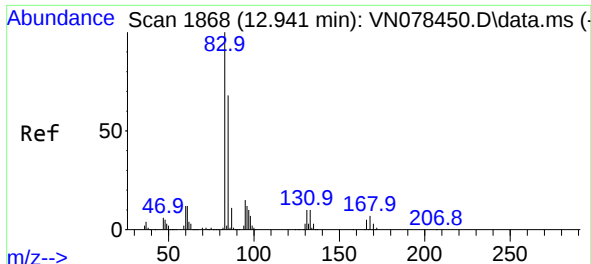


#74
N-ethyl acetate
Concen: 18.288 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57



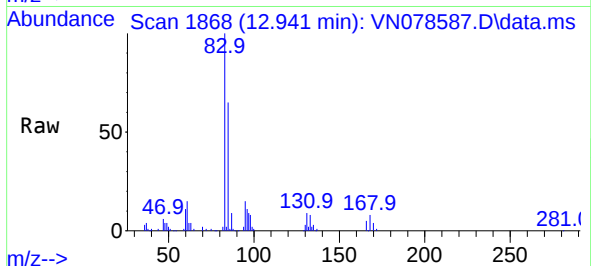
Tgt Ion: 43 Resp: 157172
Ion Ratio Lower Upper
43 100
70 45.3 43.4 65.2
55 25.3 21.4 32.0
61 24.8 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 21.044 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

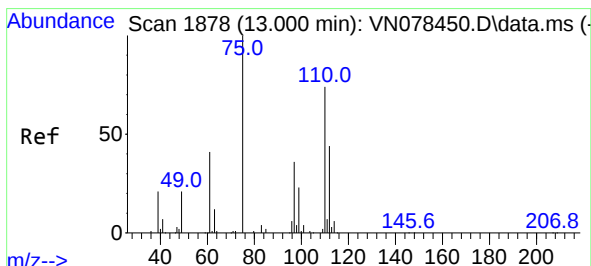
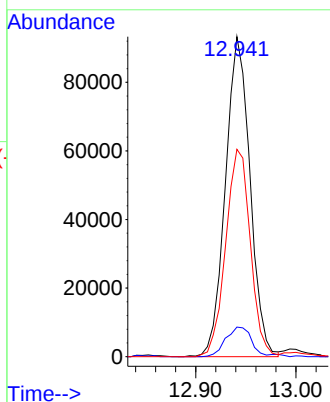
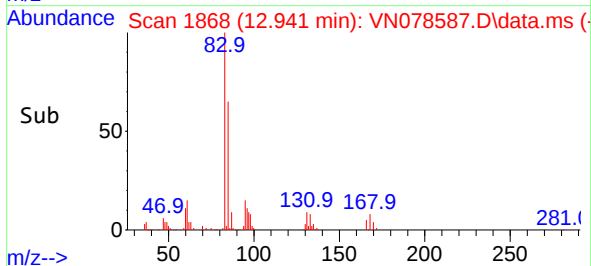
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBS01



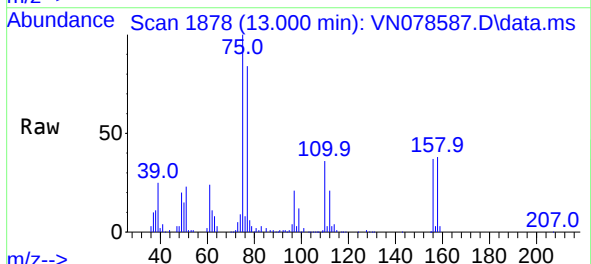
Tgt Ion: 83 Resp: 159072
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 64.9 31.9 95.7

Manual Integrations
APPROVED

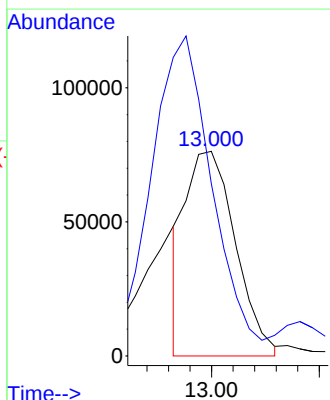
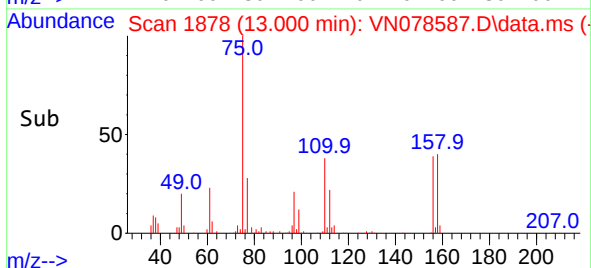
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

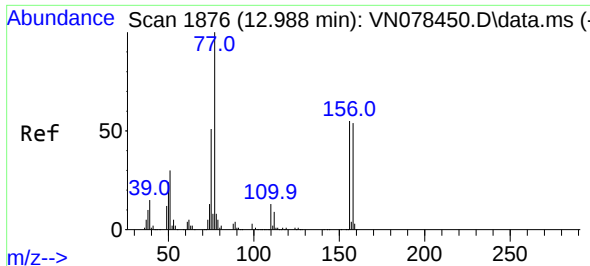


#76
1,2,3-Trichloropropane
Concen: 19.050 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57



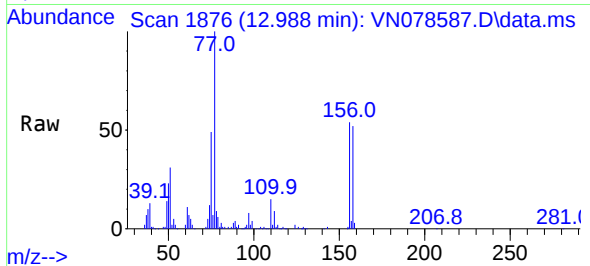
Tgt Ion: 75 Resp: 122203
Ion Ratio Lower Upper
75 100
77 193.9 84.5 253.5





#77
Bromobenzene
Concen: 19.694 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

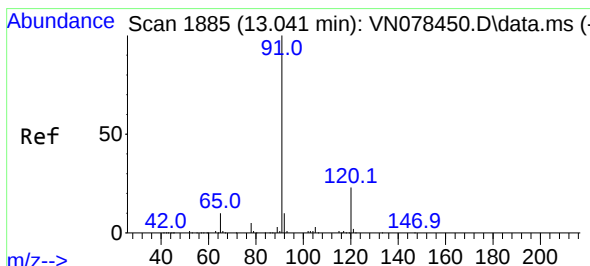
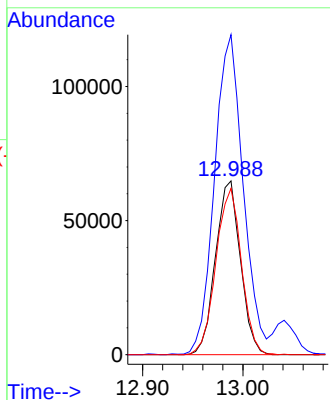
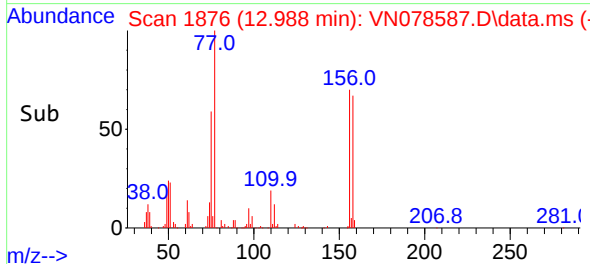
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBS01



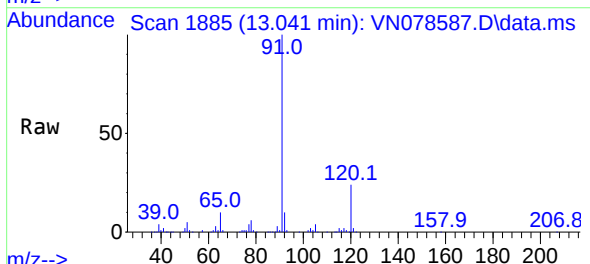
Tgt Ion:156 Resp: 111884
Ion Ratio Lower Upper
156 100
77 211.7 107.7 323.3
158 98.0 48.4 145.3

Manual Integrations
APPROVED

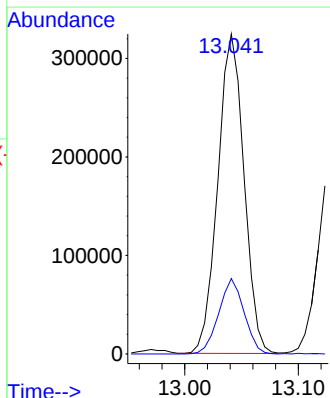
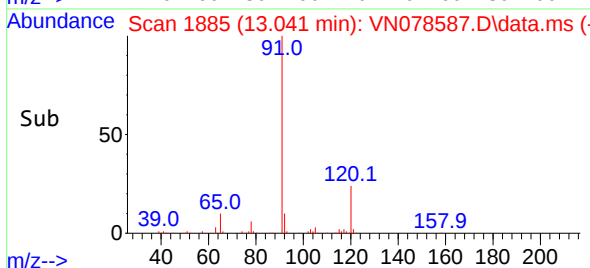
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

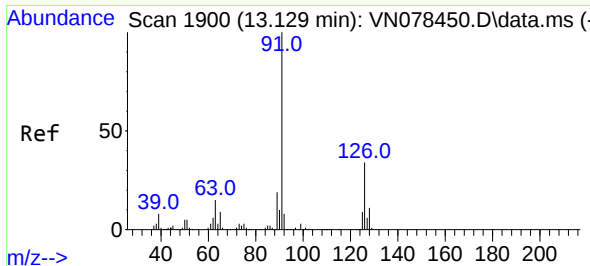


#78
n-propylbenzene
Concen: 19.443 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57



Tgt Ion: 91 Resp: 518548
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.4





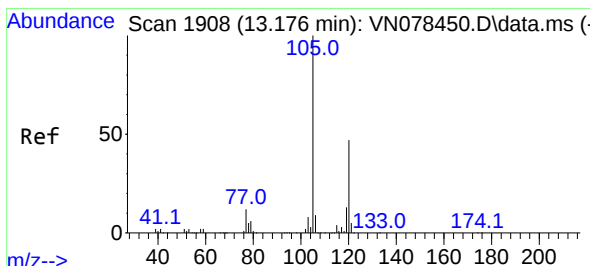
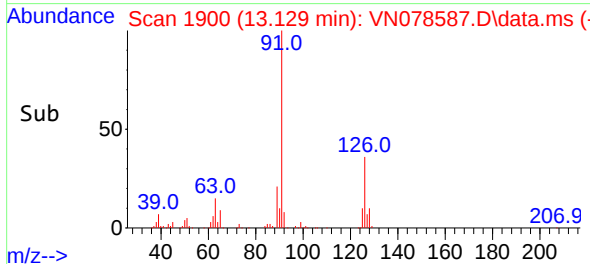
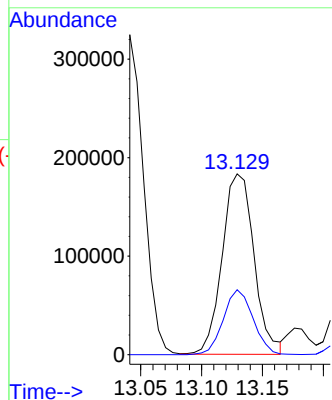
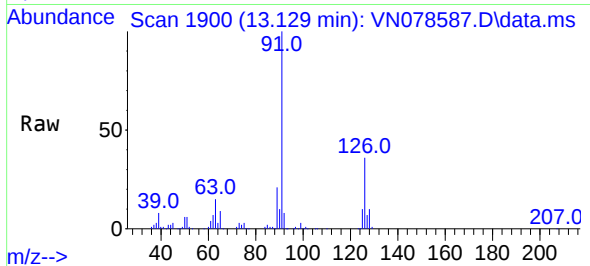
#79
2-Chlorotoluene
Concen: 19.129 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

Instrument :
MSVOA_N
ClientSampleId :
VN0720WBS01

Tgt Ion: 91 Resp: 33416
Ion Ratio Lower Upper
91 100
126 33.6 16.3 48.8

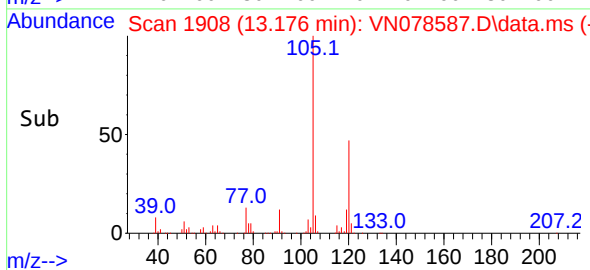
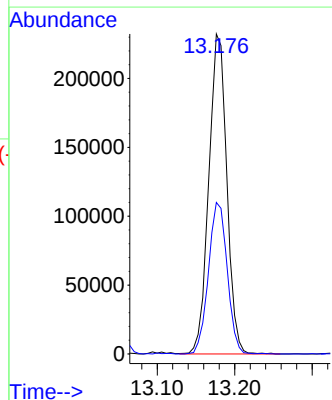
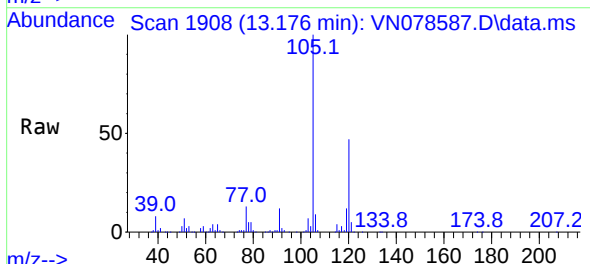
Manual Integrations
APPROVED

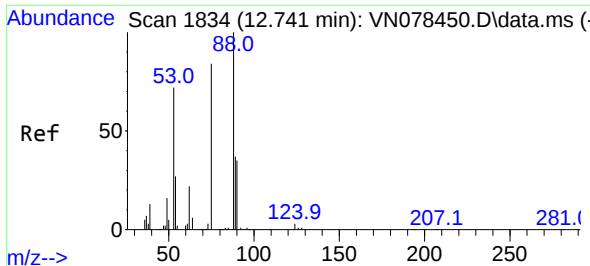
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.035 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

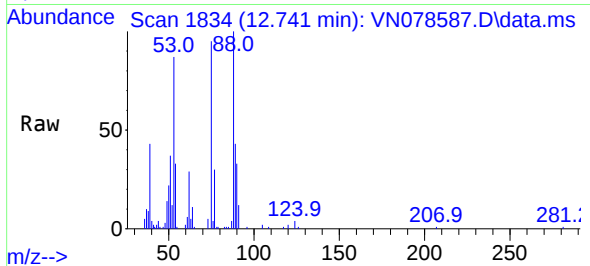
Tgt Ion:105 Resp: 375064
Ion Ratio Lower Upper
105 100
120 49.2 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 18.445 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

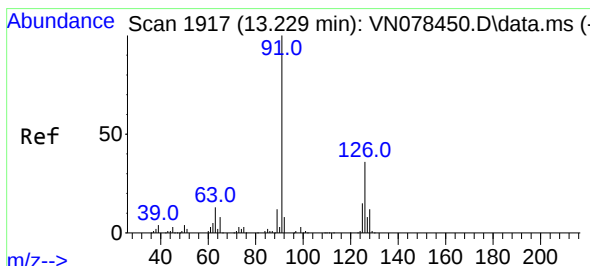
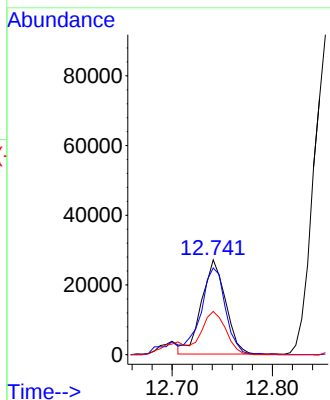
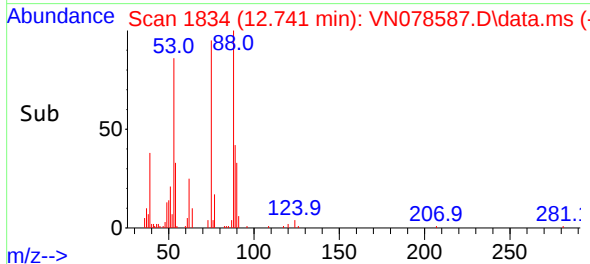
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBS01



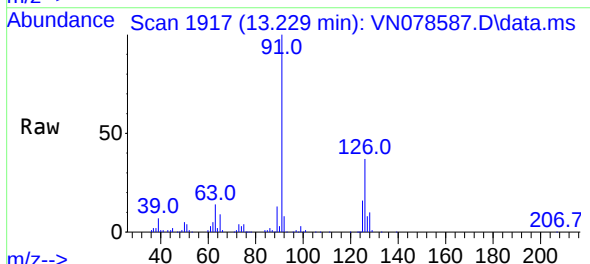
Tgt Ion: 75 Resp: 4502
Ion Ratio Lower Upper
75 100
53 106.0 67.4 101.2
89 47.6 38.8 58.2

Manual Integrations
APPROVED

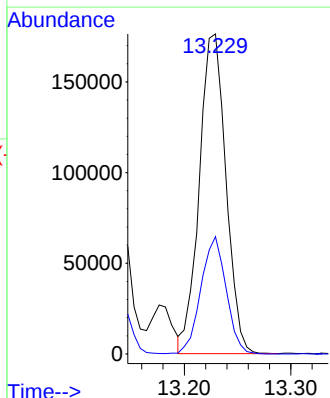
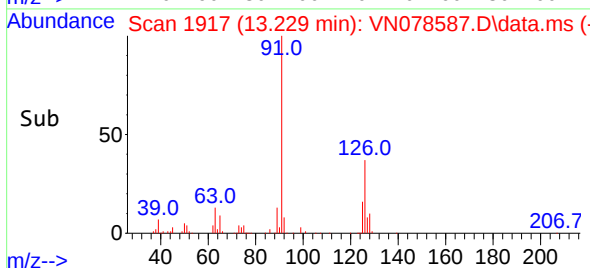
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

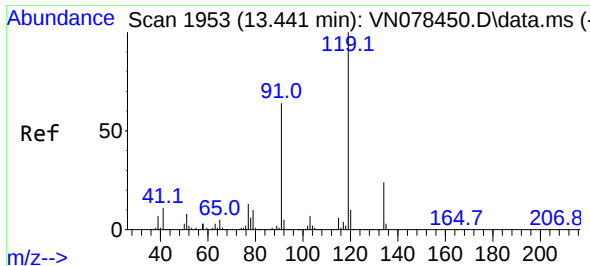


#82
4-Chlorotoluene
Concen: 18.797 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57



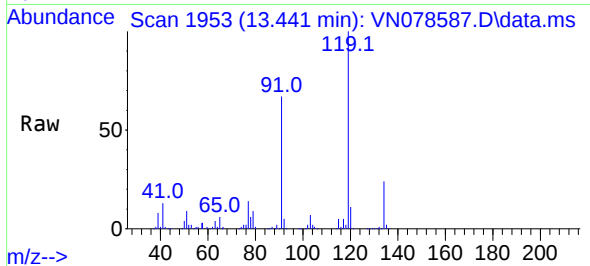
Tgt Ion: 91 Resp: 306328
Ion Ratio Lower Upper
91 100
126 34.8 16.7 50.0





#83
tert-Butylbenzene
Concen: 19.320 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

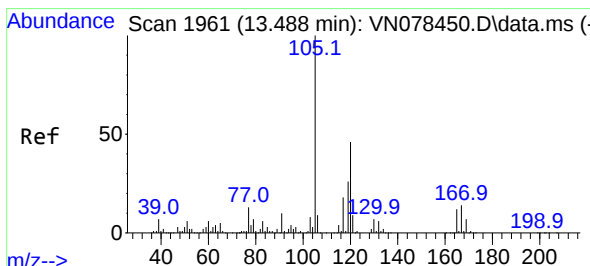
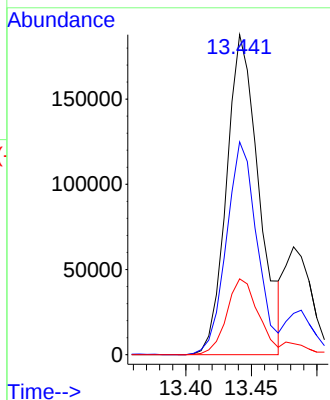
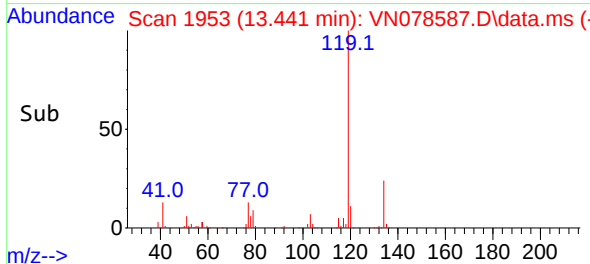
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBS01



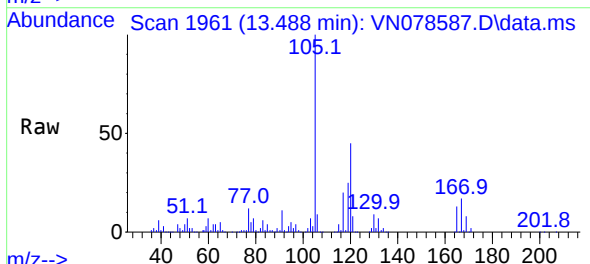
Tgt Ion:119 Resp: 323199
Ion Ratio Lower Upper
119 100
91 63.0 33.9 101.7
134 23.1 13.2 39.6

Manual Integrations
APPROVED

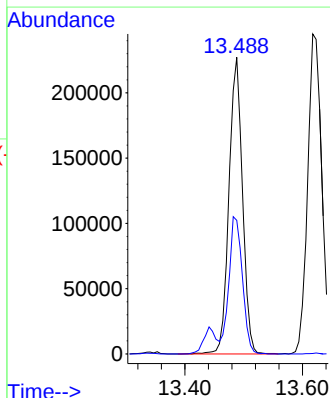
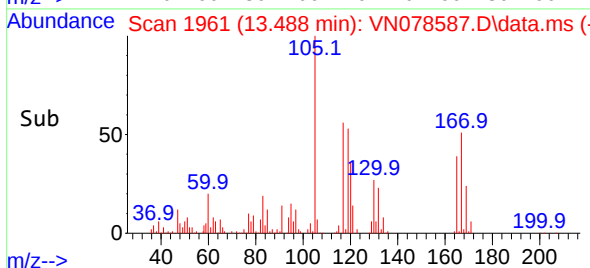
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

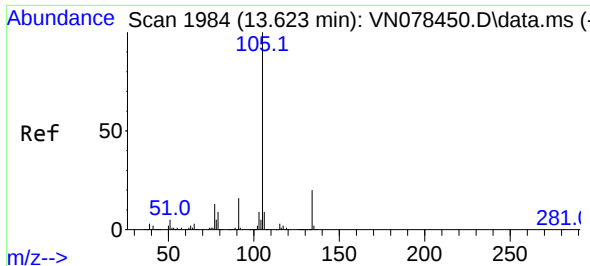


#84
1,2,4-Trimethylbenzene
Concen: 18.955 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57



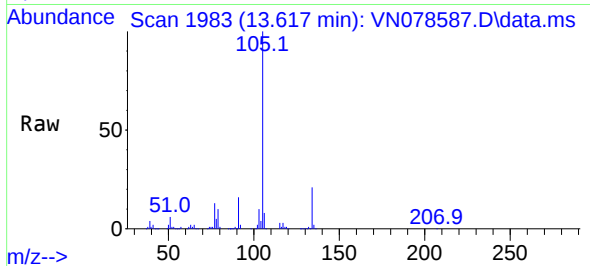
Tgt Ion:105 Resp: 362789
Ion Ratio Lower Upper
105 100
120 46.3 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 19.256 ug/l
 RT: 13.617 min Scan# 1984
 Delta R.T. -0.006 min
 Lab File: VN078587.D
 Acq: 20 Jul 2023 11:57

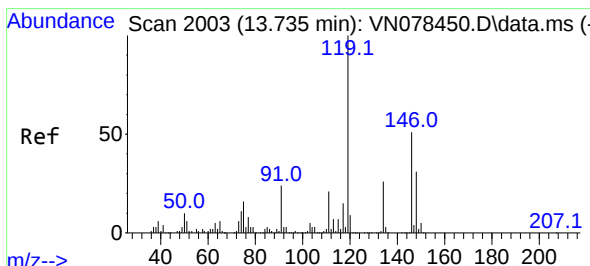
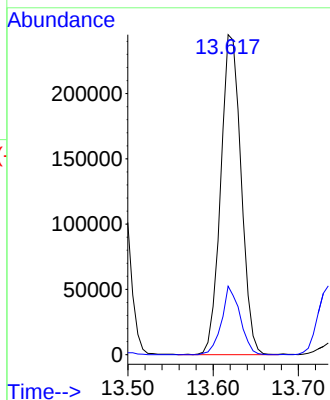
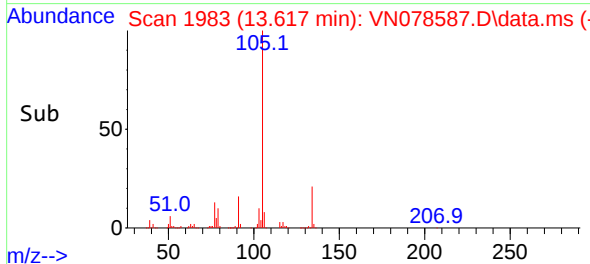
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0720WBS01



Tgt Ion:105 Resp: 407180
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3

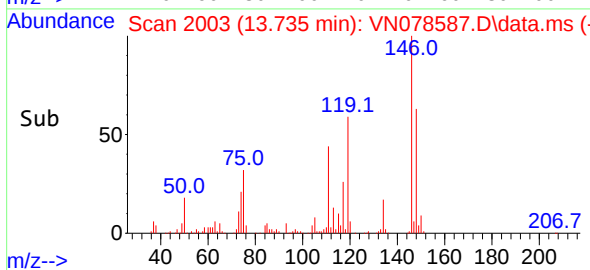
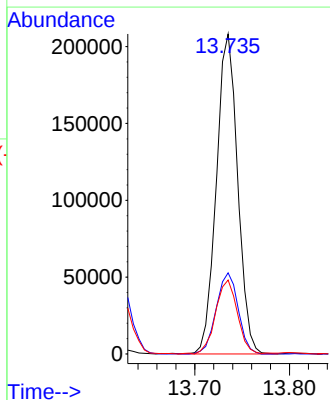
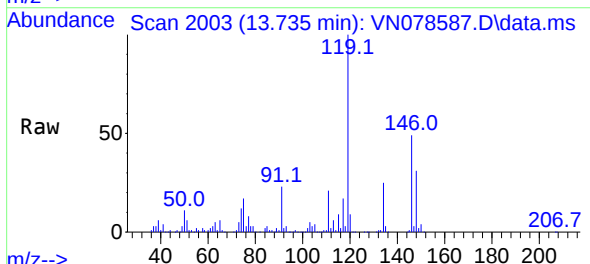
Manual Integrations
 APPROVED

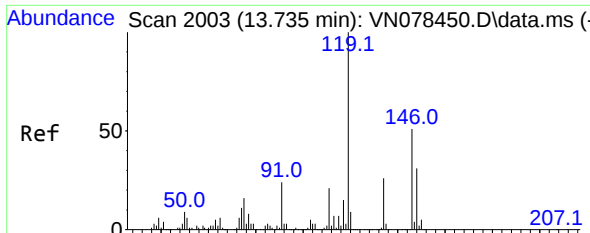
Reviewed By :John Carlone 07/21/2023
 Supervised By :Mahesh Dadoda 07/21/2023



#86
 p-Isopropyltoluene
 Concen: 19.161 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078587.D
 Acq: 20 Jul 2023 11:57

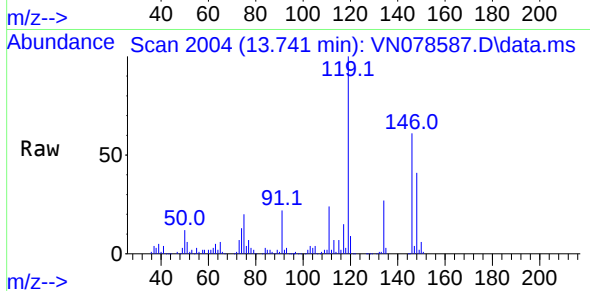
Tgt Ion:119 Resp: 325341
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.6 37.8
 91 23.8 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 18.996 ug/l
RT: 13.741 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

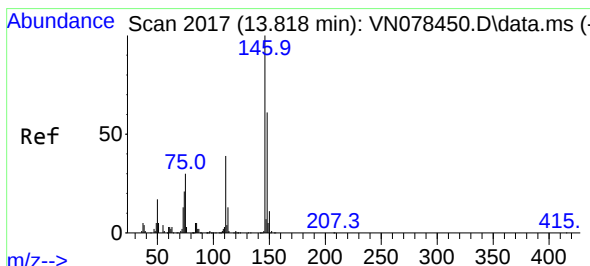
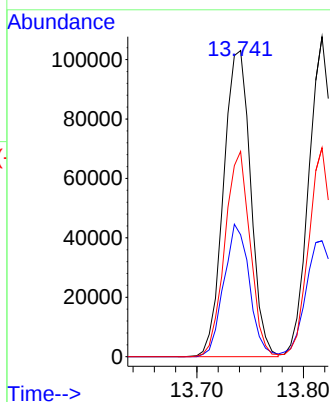
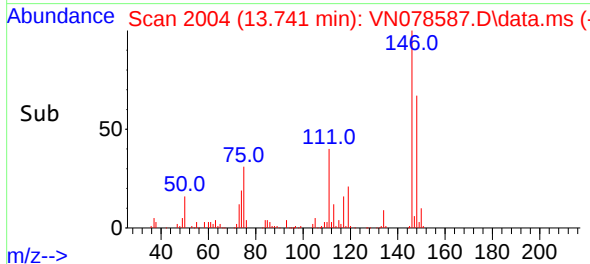
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBS01



Tgt Ion:146 Resp: 18185
Ion Ratio Lower Upper
146 100
111 41.1 22.1 66.3
148 62.7 32.0 96.0

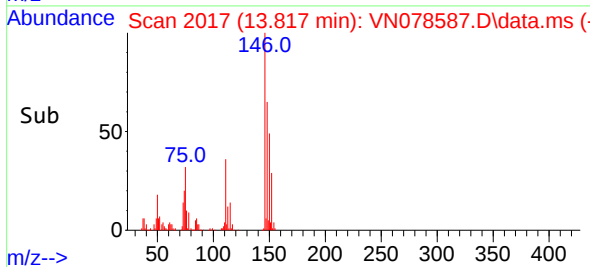
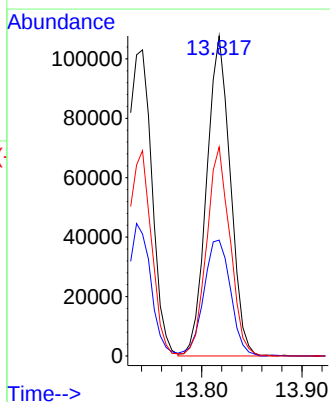
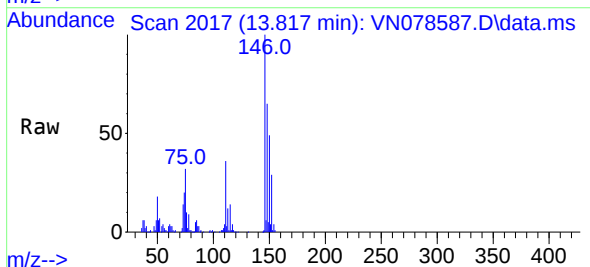
Manual Integrations
APPROVED

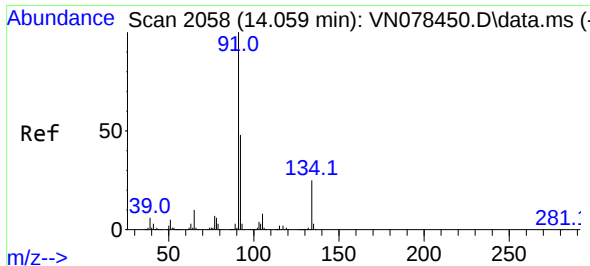
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#88
1,4-Dichlorobenzene
Concen: 18.349 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

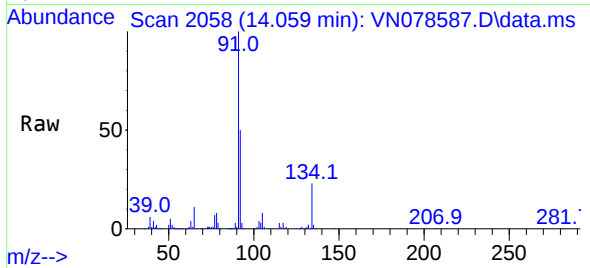
Tgt Ion:146 Resp: 176939
Ion Ratio Lower Upper
146 100
111 40.8 20.6 61.8
148 64.6 31.6 94.8





#89
n-Butylbenzene
Concen: 18.871 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

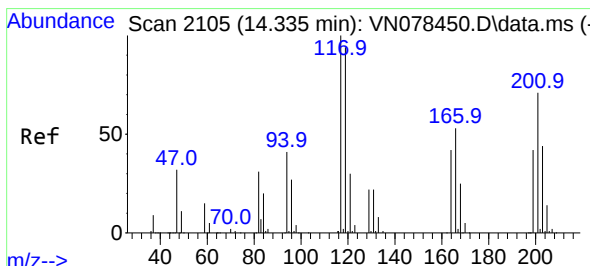
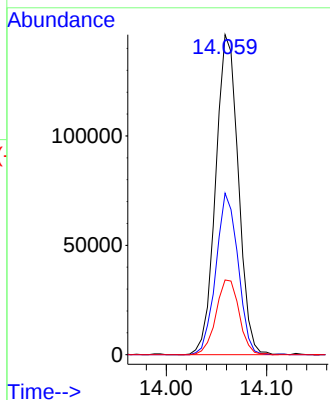
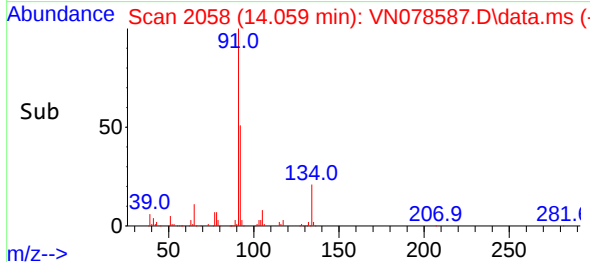
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBS01



Tgt Ion: 91 Resp: 229250
Ion Ratio Lower Upper
91 100
92 49.2 26.4 79.0
134 23.9 12.6 37.6

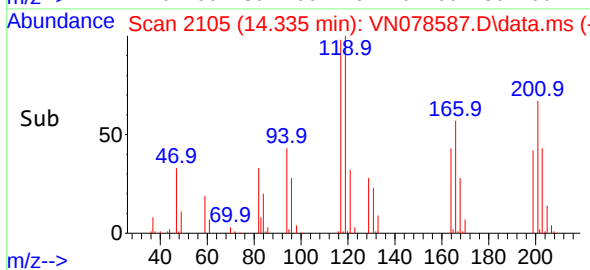
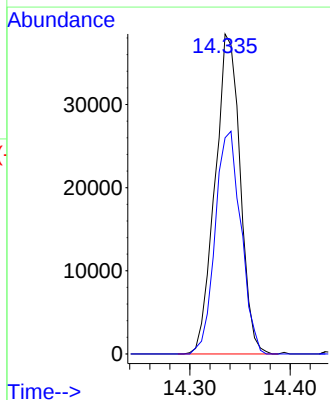
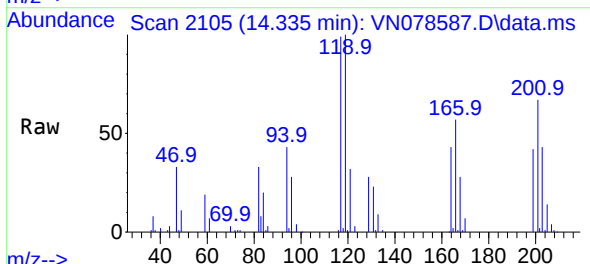
Manual Integrations
APPROVED

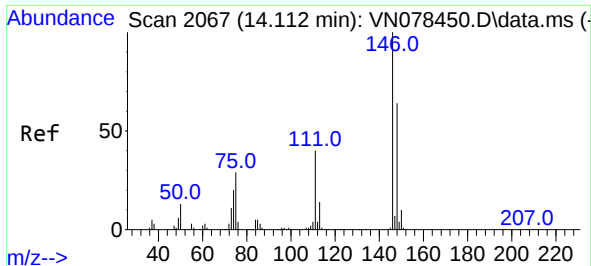
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#90
Hexachloroethane
Concen: 20.909 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

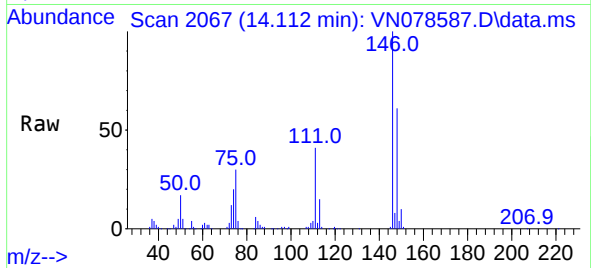
Tgt Ion:117 Resp: 66734
Ion Ratio Lower Upper
117 100
201 71.6 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 18.862 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

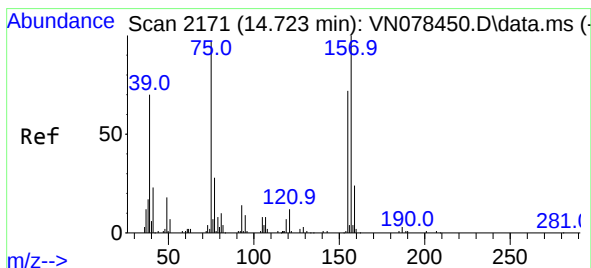
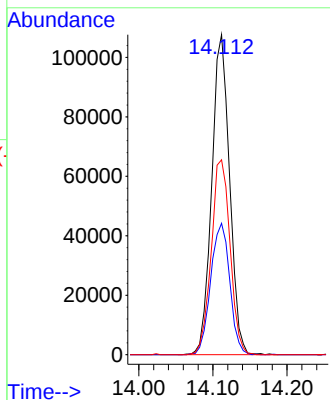
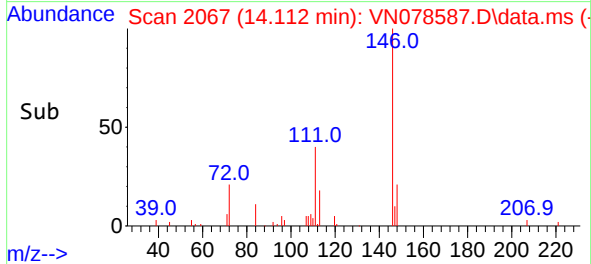
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBS01



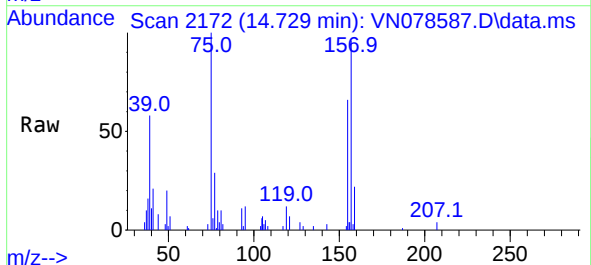
Tgt Ion:146 Resp: 17970
Ion Ratio Lower Upper
146 100
111 43.9 22.0 66.0
148 64.4 31.8 95.3

Manual Integrations
APPROVED

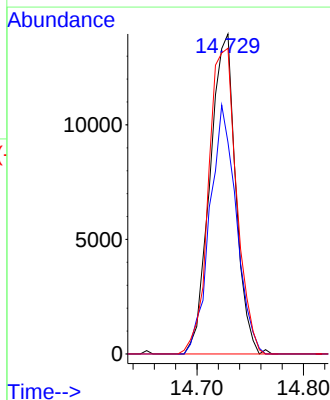
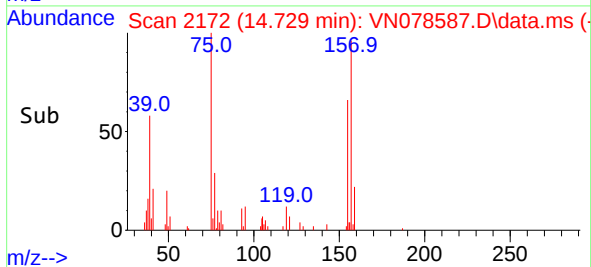
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

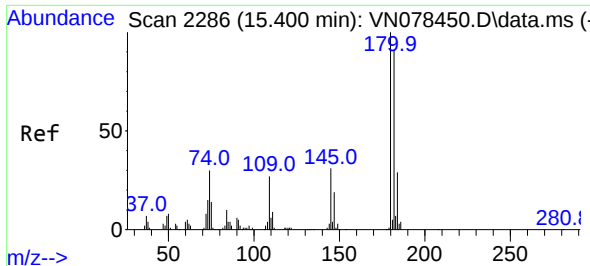


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.391 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57



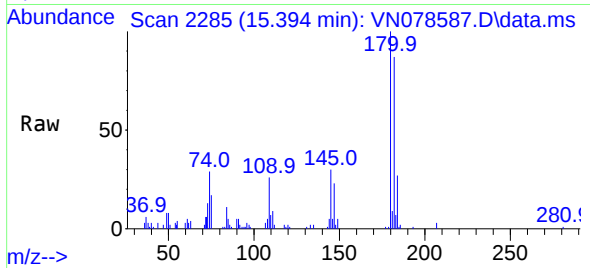
Tgt Ion: 75 Resp: 23405
Ion Ratio Lower Upper
75 100
155 80.1 39.1 117.2
157 103.9 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 14.674 ug/l
RT: 15.394 min Scan# 2286
Delta R.T. -0.006 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

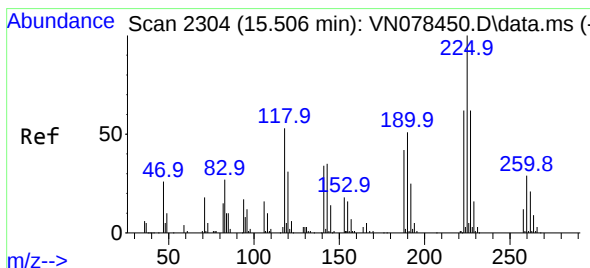
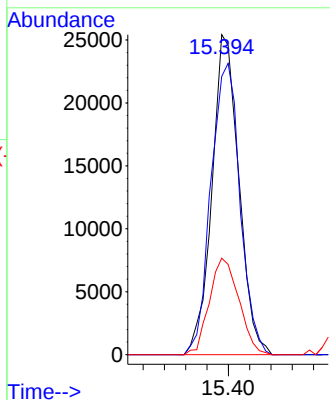
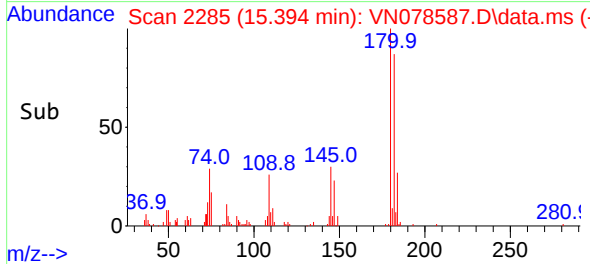
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBS01



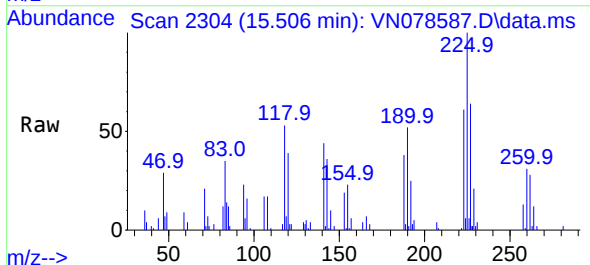
Tgt Ion:180 Resp: 44619
Ion Ratio Lower Upper
180 100
182 98.2 46.1 138.2
145 33.0 16.6 49.8

Manual Integrations
APPROVED

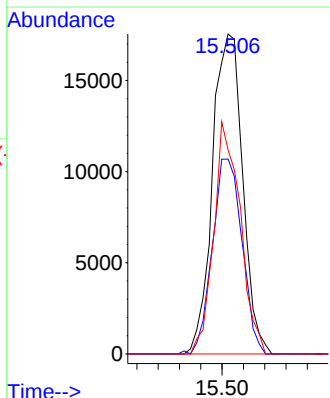
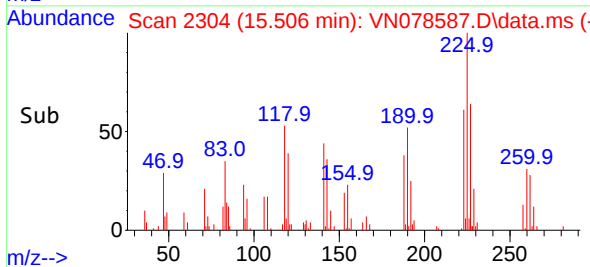
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

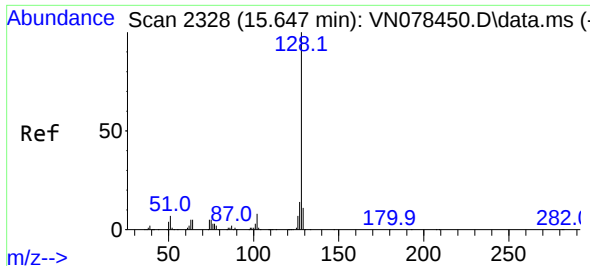


#94
Hexachlorobutadiene
Concen: 19.360 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57



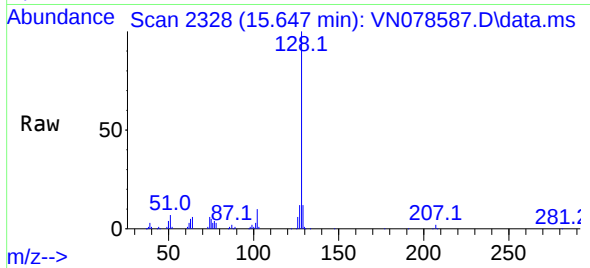
Tgt Ion:225 Resp: 34444
Ion Ratio Lower Upper
225 100
223 59.9 31.3 93.8
227 63.7 31.9 95.9





#95
Naphthalene
Concen: 12.065 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57

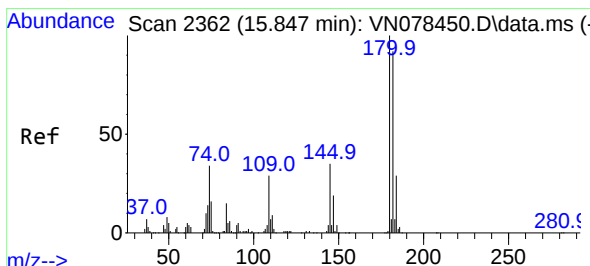
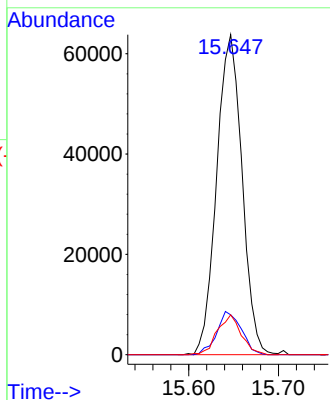
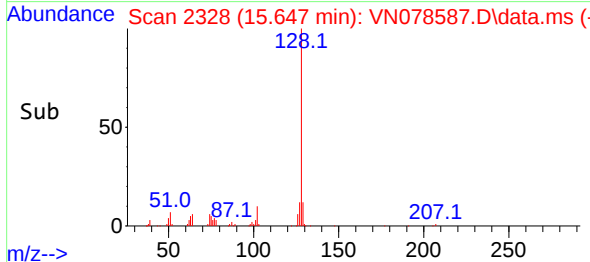
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBS01



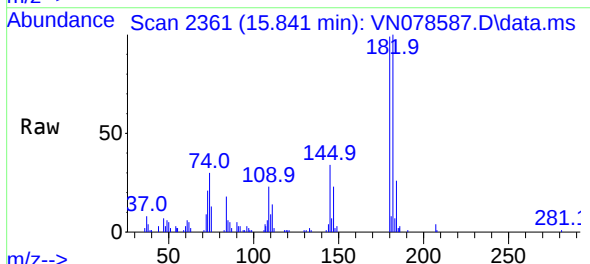
Tgt Ion:128 Resp: 125415
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 11.8 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 15.522 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN078587.D
Acq: 20 Jul 2023 11:57



Tgt Ion:180 Resp: 54269
Ion Ratio Lower Upper
180 100
182 96.5 46.2 138.6
145 33.5 17.5 52.6

