

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071723\
 Data File : VN078537.D
 Acq On : 17 Jul 2023 12:47
 Operator : JC\MD
 Sample : VN0717WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0717WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/18/2023
 Supervised By : Mahesh Dadoda 07/18/2023

Quant Time: Jul 18 04:20:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	431917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	742407	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	662418	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	261140	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	315825	54.544	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.080%			
35) Dibromofluoromethane	8.177	113	269469	53.469	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.940%			
50) Toluene-d8	10.571	98	989406	51.969	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.940%			
62) 4-Bromofluorobenzene	12.853	95	302230	51.538	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	89207	16.846	ug/l	95
3) Chloromethane	2.371	50	116099	20.171	ug/l	100
4) Vinyl Chloride	2.518	62	140785	18.908	ug/l	97
5) Bromomethane	2.959	94	97154	17.386	ug/l	95
6) Chloroethane	3.130	64	94016	19.710	ug/l	95
7) Trichlorofluoromethane	3.500	101	157095	17.650	ug/l	96
8) Diethyl Ether	3.971	74	59629	20.108	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.383	101	89969	19.095	ug/l	97
10) Methyl Iodide	4.595	142	118922	18.368	ug/l	95
11) Tert butyl alcohol	5.530	59	94194	105.494	ug/l #	85
12) 1,1-Dichloroethene	4.353	96	80821	17.734	ug/l	84
13) Acrolein	4.183	56	91659	104.339	ug/l	93
14) Allyl chloride	5.030	41	110718	17.779	ug/l	96
15) Acrylonitrile	5.730	53	228487	101.281	ug/l	98
16) Acetone	4.447	43	182121	100.972	ug/l	88
17) Carbon Disulfide	4.724	76	212605	16.132	ug/l #	93
18) Methyl Acetate	5.042	43	160188	20.980	ug/l #	87
19) Methyl tert-butyl Ether	5.806	73	301123	20.053	ug/l	98
20) Methylene Chloride	5.277	84	108046	20.154	ug/l	93
21) trans-1,2-Dichloroethene	5.800	96	91125	17.743	ug/l	89
22) Diisopropyl ether	6.677	45	287578	20.623	ug/l #	91
23) Vinyl Acetate	6.612	43	881741	99.463	ug/l #	88
24) 1,1-Dichloroethane	6.577	63	179980	19.155	ug/l	98
25) 2-Butanone	7.488	43	290948	102.474	ug/l #	82
26) 2,2-Dichloropropane	7.494	77	146296	19.036	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	116135	19.547	ug/l	96
28) Bromochloromethane	7.818	49	91910	20.768	ug/l	92
29) Tetrahydrofuran	7.847	42	187083	100.419	ug/l #	85
30) Chloroform	7.971	83	198504	20.292	ug/l	93
31) Cyclohexane	8.265	56	138571	17.708	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	167811	19.133	ug/l	99
36) 1,1-Dichloropropene	8.383	75	133822	18.390	ug/l	97
37) Ethyl Acetate	7.571	43	123906	20.426	ug/l #	94
38) Carbon Tetrachloride	8.371	117	149559	18.910	ug/l	92
39) Methylcyclohexane	9.606	83	123032	18.523	ug/l	92
40) Benzene	8.612	78	419860	19.476	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	59446	19.223	ug/l	97
42) 1,2-Dichloroethane	8.677	62	149231	20.351	ug/l	99
43) Isopropyl Acetate	8.694	43	218504	21.879	ug/l	93
44) Trichloroethene	9.359	130	106071	18.255	ug/l	95
45) 1,2-Dichloropropane	9.629	63	110492	20.236	ug/l	97
46) Dibromomethane	9.712	93	80227	20.876	ug/l	95
47) Bromodichloromethane	9.894	83	159171	20.662	ug/l	93
48) Methyl methacrylate	9.688	41	92108	19.907	ug/l	91
49) 1,4-Dioxane	9.700	88	41583	412.103	ug/l	92
51) 4-Methyl-2-Pentanone	10.453	43	616276	103.743	ug/l	92
52) Toluene	10.635	92	263032	19.686	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	161121	20.416	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	174200	20.707	ug/l	95
55) 1,1,2-Trichloroethane	11.024	97	112223	21.318	ug/l	98
56) Ethyl methacrylate	10.882	69	146201	19.867	ug/l #	90
57) 1,3-Dichloropropane	11.171	76	185184	20.689	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	271733	103.616	ug/l	95
59) 2-Hexanone	11.200	43	434051	102.809	ug/l	93
60) Dibromochloromethane	11.365	129	118012	20.306	ug/l	95
61) 1,2-Dibromoethane	11.476	107	113776	20.981	ug/l	98
64) Tetrachloroethene	11.112	164	95175	19.111	ug/l	97
65) Chlorobenzene	11.900	112	285565	19.286	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	113146	19.864	ug/l	97
67) Ethyl Benzene	11.970	91	468690	18.727	ug/l	98
68) m/p-Xylenes	12.076	106	356497	38.525	ug/l	95
69) o-Xylene	12.406	106	178785	19.128	ug/l	99
70) Styrene	12.418	104	282702	19.333	ug/l	99
71) Bromoform	12.588	173	78493	20.347	ug/l #	100
73) Isopropylbenzene	12.700	105	437062	17.812	ug/l	99
74) N-amyl acetate	12.500	43	152624	18.049	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	154807	20.778	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	121027m	19.174	ug/l	
77) Bromobenzene	12.988	156	107388	19.172	ug/l	98
78) n-propylbenzene	13.041	91	485384	18.497	ug/l	99
79) 2-Chlorotoluene	13.129	91	312964	18.207	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	366887	18.923	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	42440	17.668	ug/l #	87
82) 4-Chlorotoluene	13.223	91	294868	18.389	ug/l	98
83) tert-Butylbenzene	13.441	119	302466	18.375	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	355762	18.891	ug/l	98
85) sec-Butylbenzene	13.623	105	382657	18.392	ug/l	99
86) p-Isopropyltoluene	13.735	119	308756	18.481	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	176043	18.688	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	174039	18.343	ug/l	100
89) n-Butylbenzene	14.064	91	228497	19.115	ug/l	96
90) Hexachloroethane	14.341	117	60854	19.317	ug/l	81
91) 1,2-Dichlorobenzene	14.112	146	176058	18.780	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	23644	18.935	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	46679	15.602	ug/l	98
94) Hexachlorobutadiene	15.506	225	30465	16.947	ug/l	95
95) Naphthalene	15.647	128	138916	13.581	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	55976	16.271	ug/l	97

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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

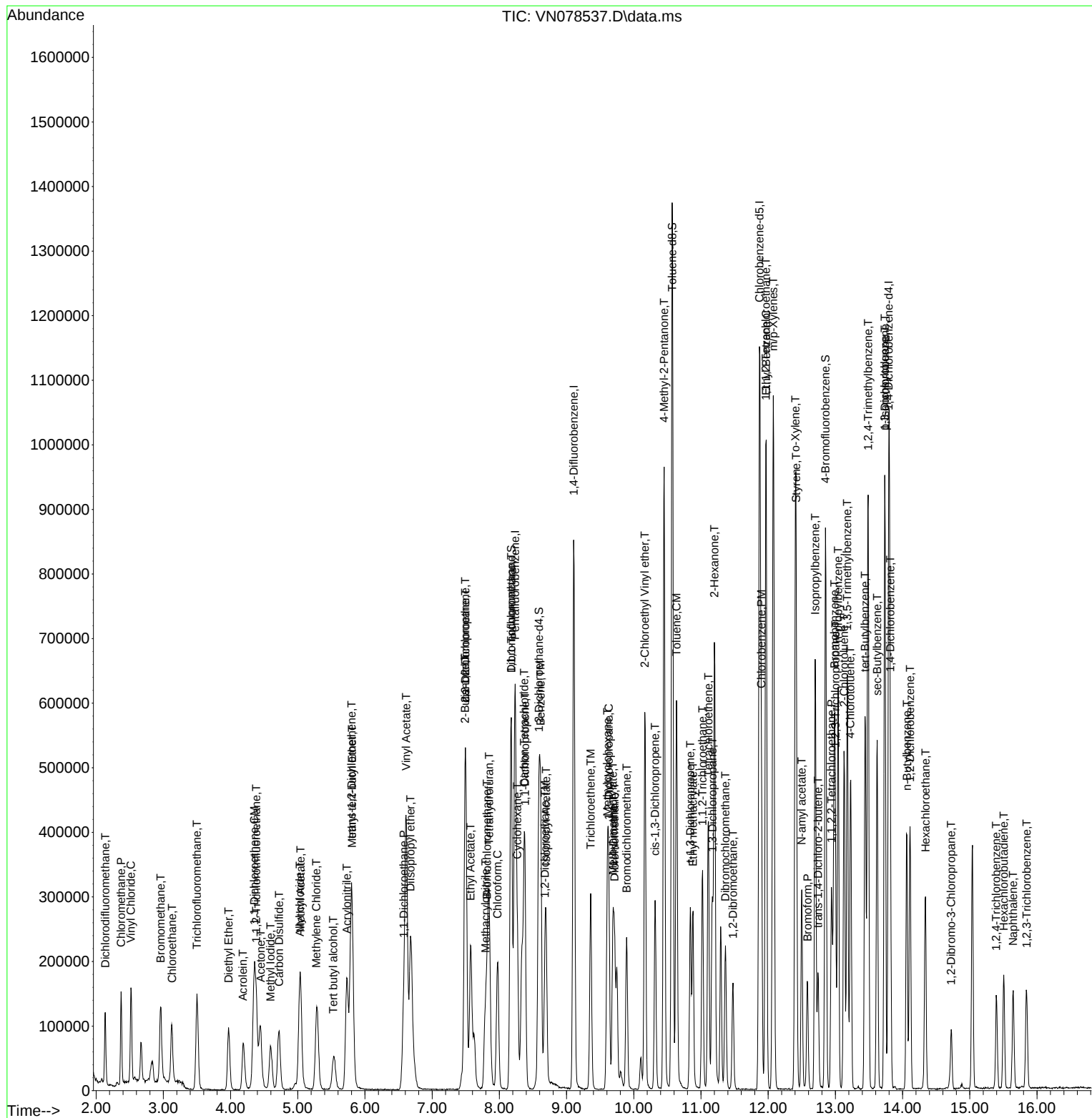
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071723\
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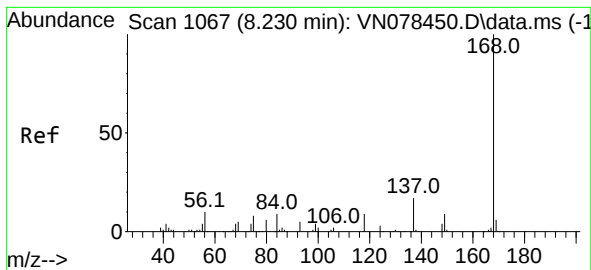
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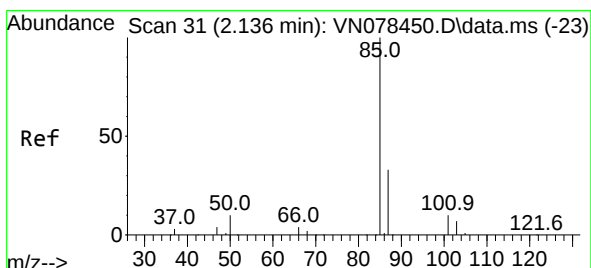
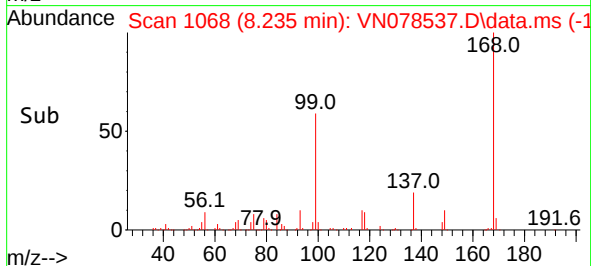
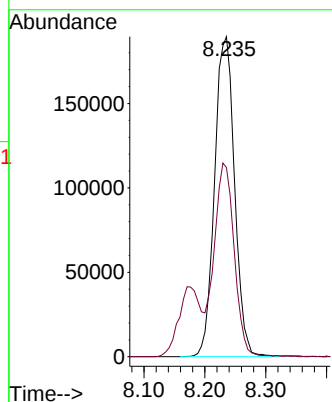
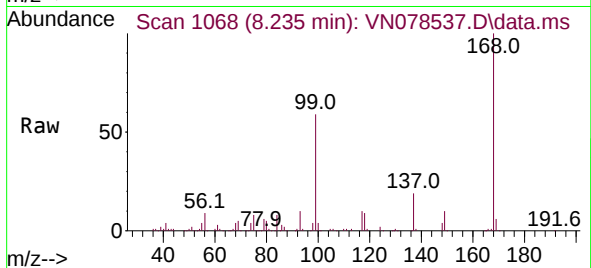
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

Instrument :
MSVOA_N
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Tgt Ion:168 Resp: 43191
Ion Ratio Lower Upper
168 100
99 58.9 53.0 79.6

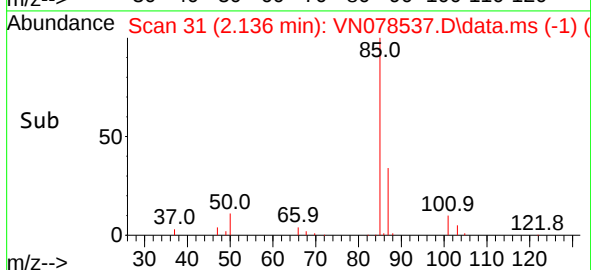
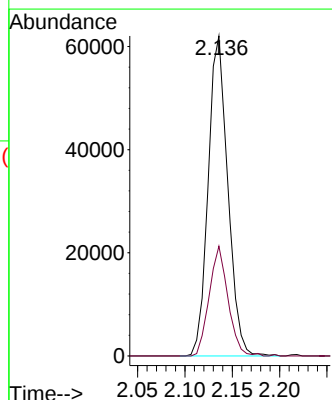
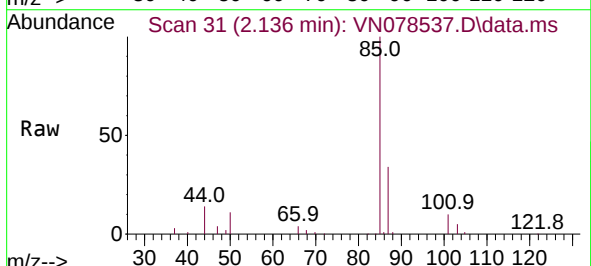
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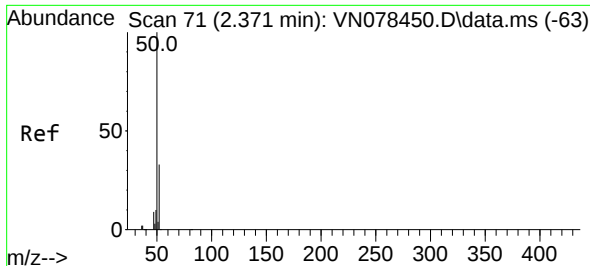
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#2
Dichlorodifluoromethane
Concen: 16.846 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

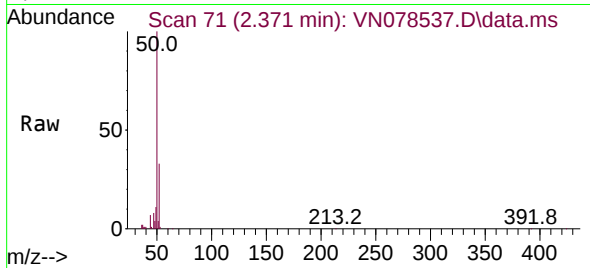
Tgt Ion: 85 Resp: 89207
Ion Ratio Lower Upper
85 100
87 34.3 15.8 47.4





#3
Chloromethane
Concen: 20.171 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

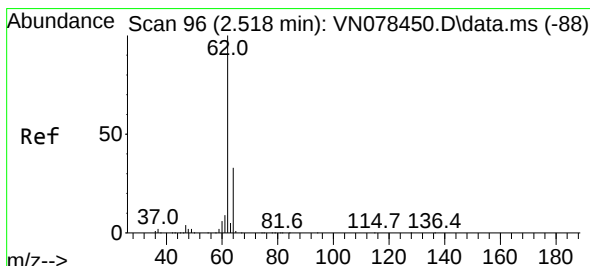
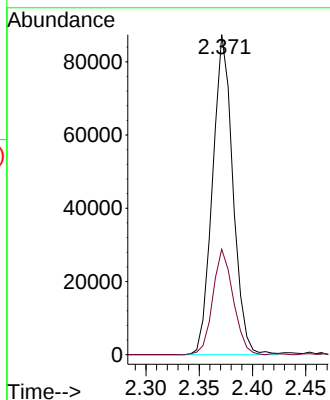
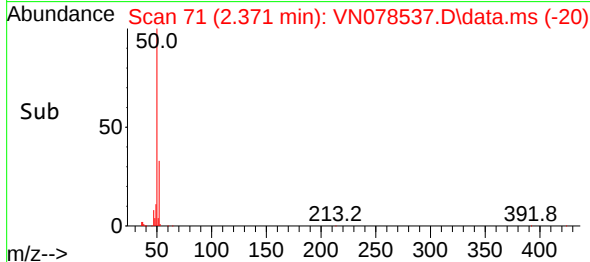
Instrument :
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Tgt Ion: 50 Resp: 116099
Ion Ratio Lower Upper
50 100
52 33.0 26.5 39.7

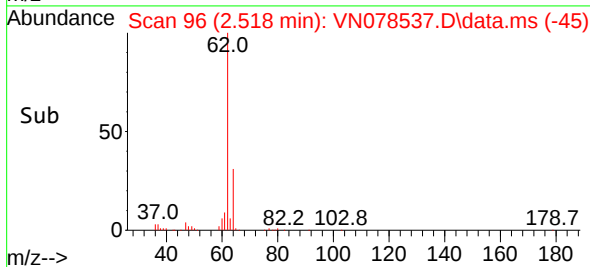
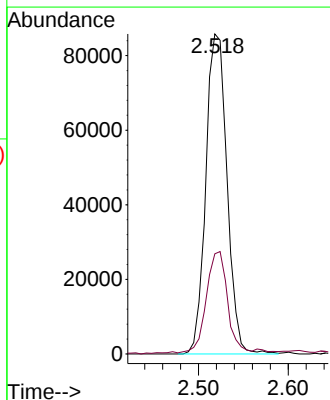
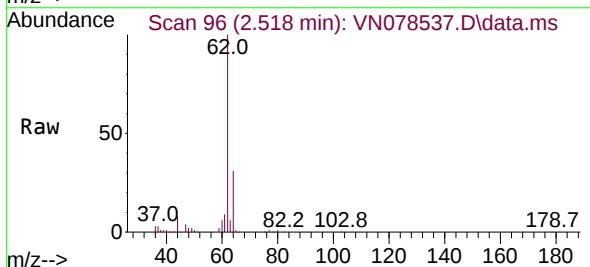
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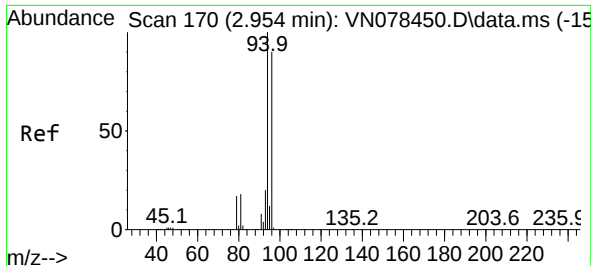
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#4
Vinyl Chloride
Concen: 18.908 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

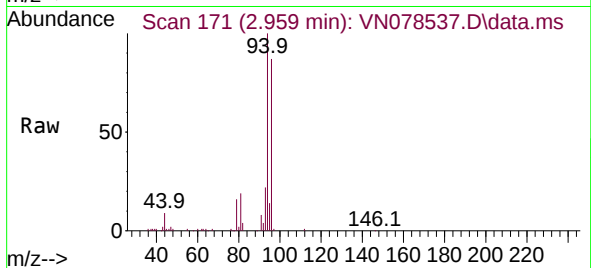
Tgt Ion: 62 Resp: 140785
Ion Ratio Lower Upper
62 100
64 30.9 26.2 39.2





#5
Bromomethane
Concen: 17.386 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

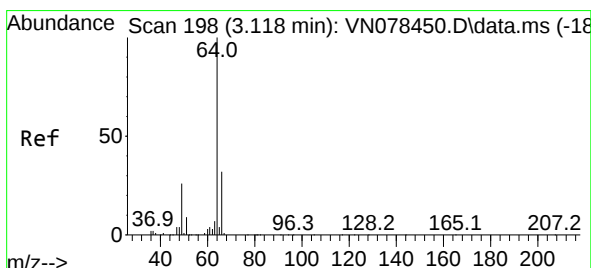
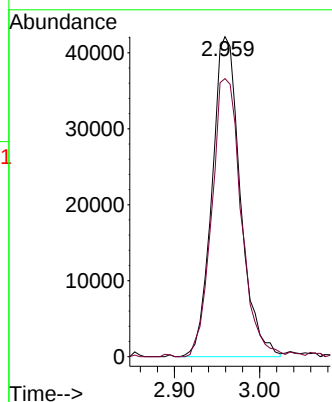
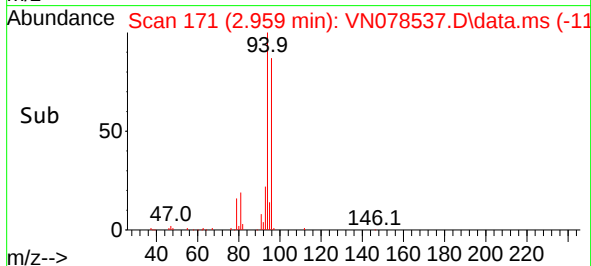
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Tgt Ion: 94 Resp: 97154
Ion Ratio Lower Upper
94 100
96 86.9 73.1 109.7

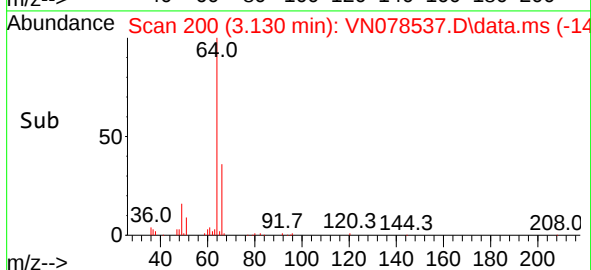
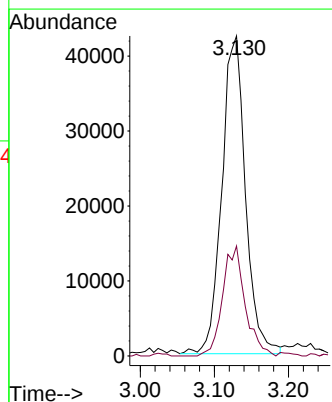
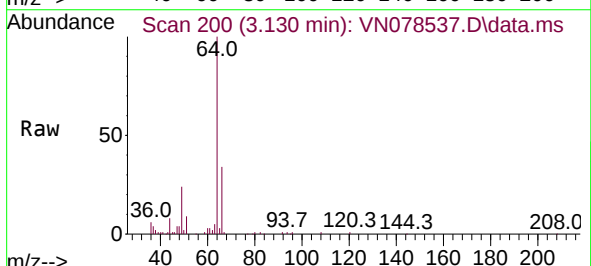
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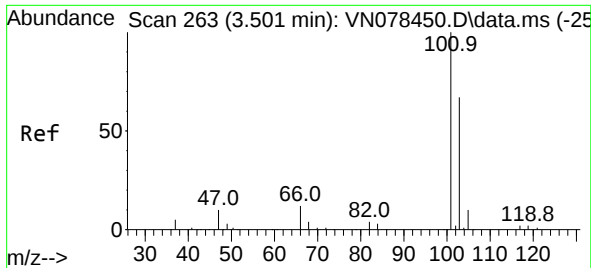
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#6
Chloroethane
Concen: 19.710 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.012 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

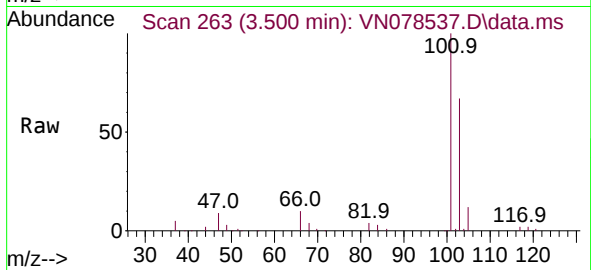
Tgt Ion: 64 Resp: 94016
Ion Ratio Lower Upper
64 100
66 34.6 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 17.650 ug/l
 RT: 3.500 min Scan# 210
 Delta R.T. -0.001 min
 Lab File: VN078537.D
 Acq: 17 Jul 2023 12:47

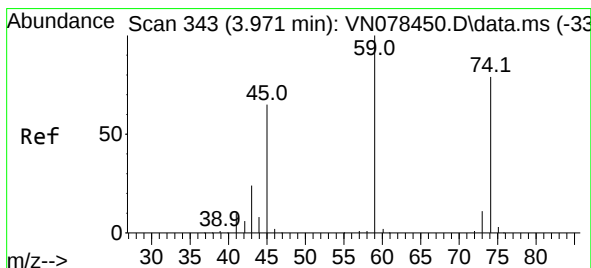
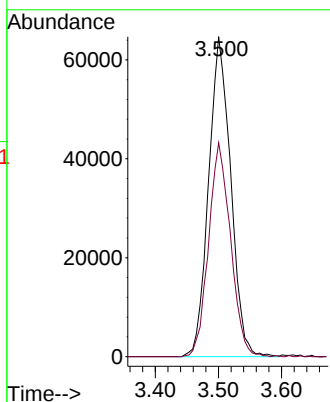
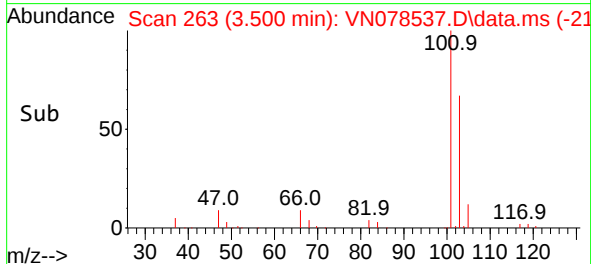
Instrument :
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Tgt Ion:101 Resp: 15709
 Ion Ratio Lower Upper
 101 100
 103 66.9 50.7 76.1

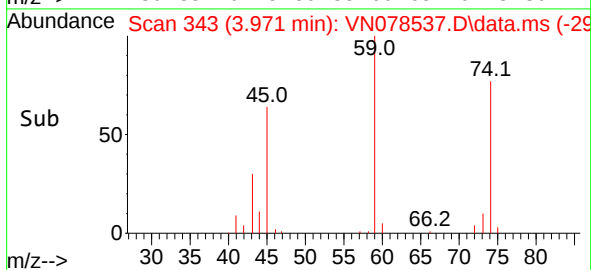
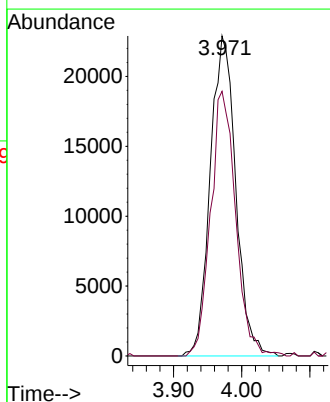
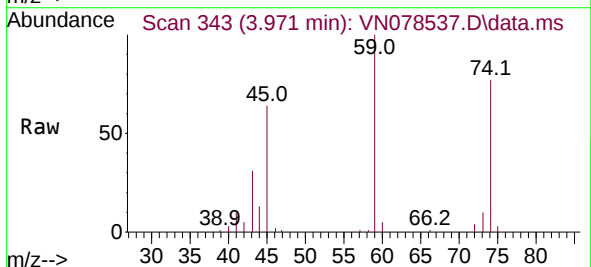
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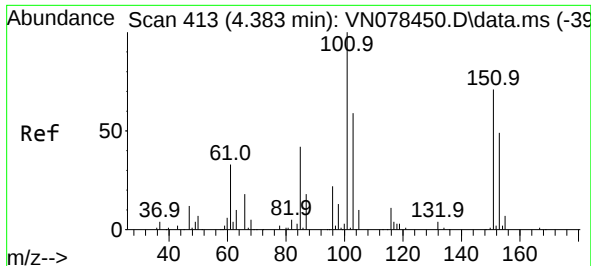
Reviewed By :John Carlone 07/18/2023
 Supervised By :Mahesh Dadoda 07/18/2023



#8
 Diethyl Ether
 Concen: 20.108 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.000 min
 Lab File: VN078537.D
 Acq: 17 Jul 2023 12:47

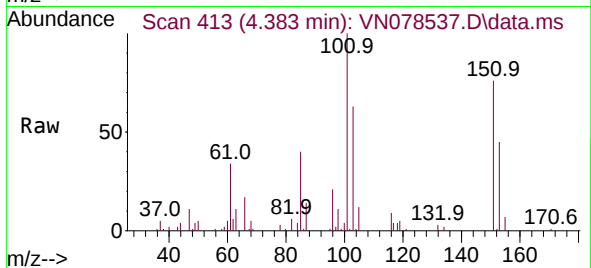
Tgt Ion: 74 Resp: 59629
 Ion Ratio Lower Upper
 74 100
 45 81.1 34.4 103.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.095 ug/l
RT: 4.383 min Scan# 413
Delta R.T. -0.000 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

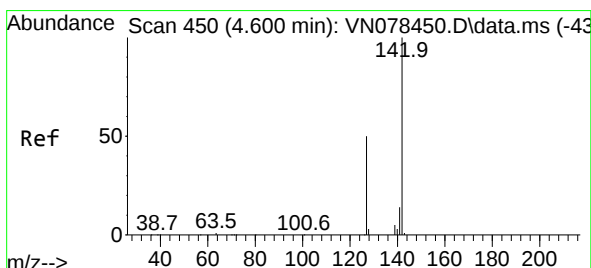
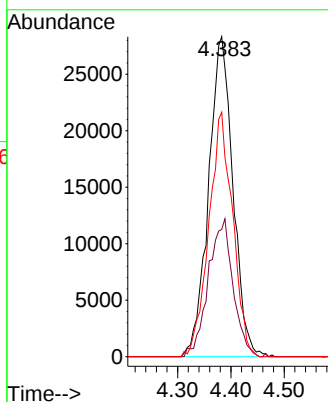
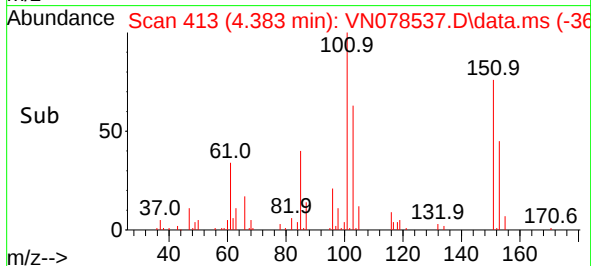
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



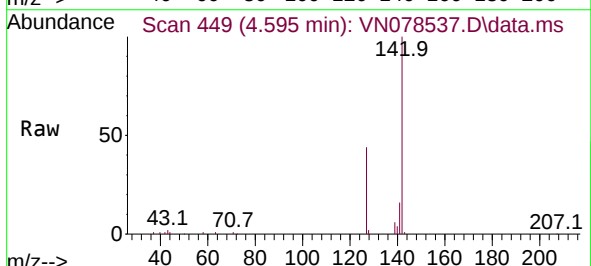
Tgt Ion:101 Resp: 89969
Ion Ratio Lower Upper
101 100
85 43.5 36.6 55.0
151 74.7 57.6 86.4

Manual Integrations
APPROVED

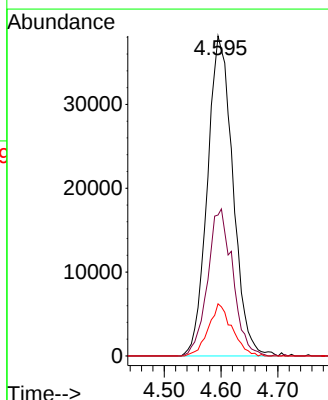
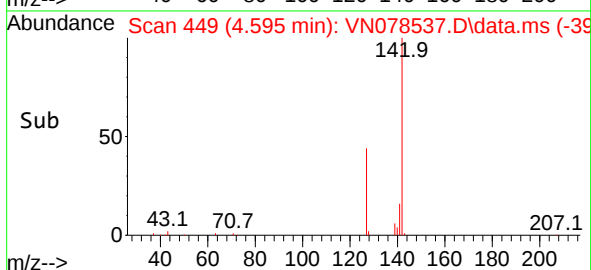
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

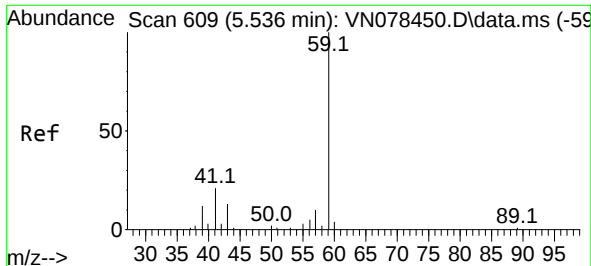


#10
Methyl Iodide
Concen: 18.368 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.005 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47



Tgt Ion:142 Resp: 118922
Ion Ratio Lower Upper
142 100
127 44.0 37.6 56.4
141 16.3 11.4 17.0





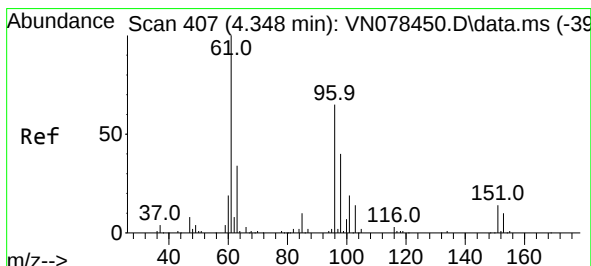
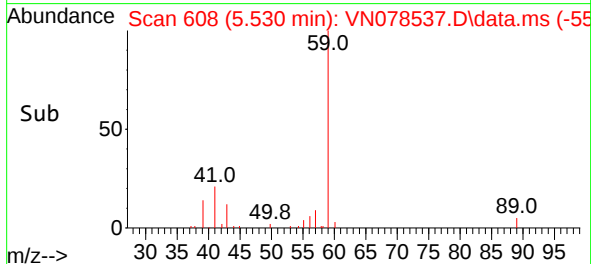
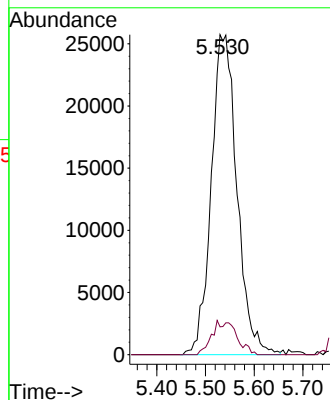
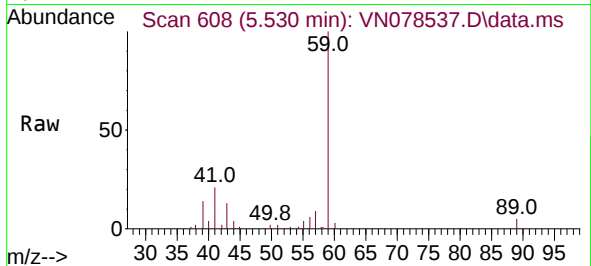
#11
Tert butyl alcohol
Concen: 105.494 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01

Tgt Ion: 59 Resp: 94194
Ion Ratio Lower Upper
59 100
57 4.8 8.2 12.4

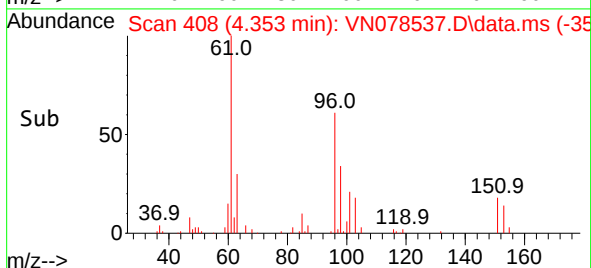
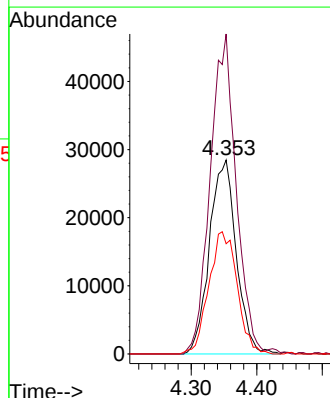
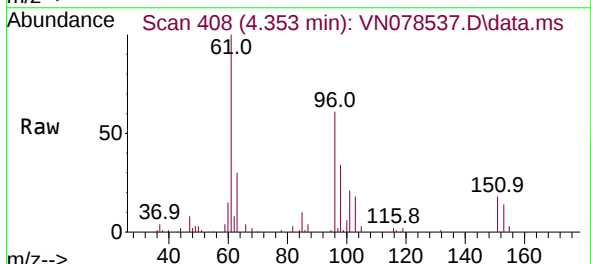
Manual Integrations
APPROVED

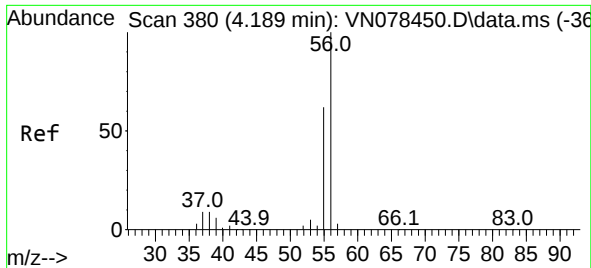
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#12
1,1-Dichloroethene
Concen: 17.734 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.005 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

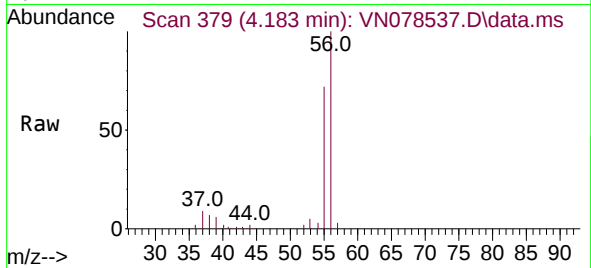
Tgt Ion: 96 Resp: 80821
Ion Ratio Lower Upper
96 100
61 165.0 112.7 169.1
98 56.8 51.2 76.8





#13
Acrolein
Concen: 104.339 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

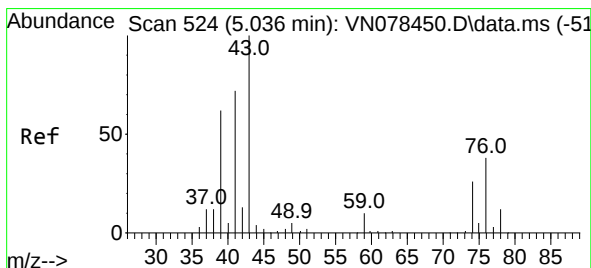
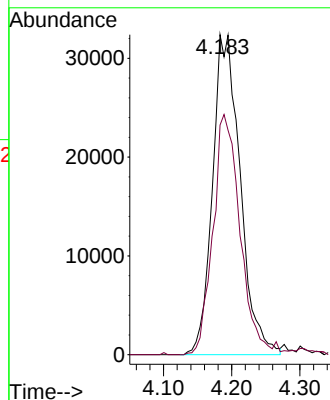
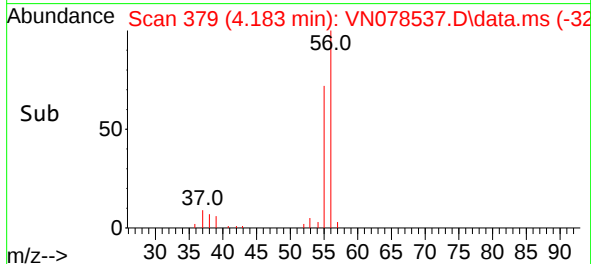
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



Tgt Ion: 56 Resp: 91659
Ion Ratio Lower Upper
56 100
55 73.6 54.5 81.7

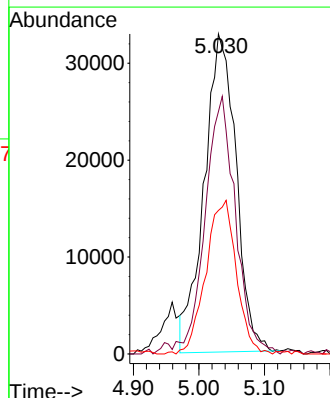
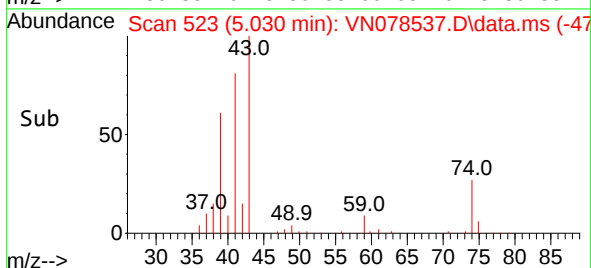
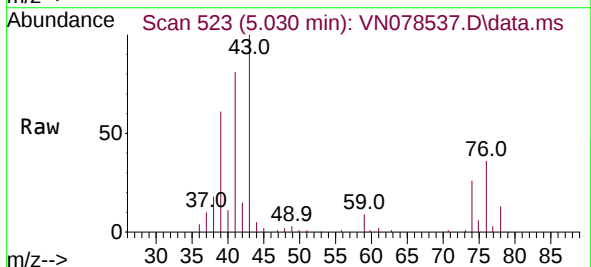
Manual Integrations
APPROVED

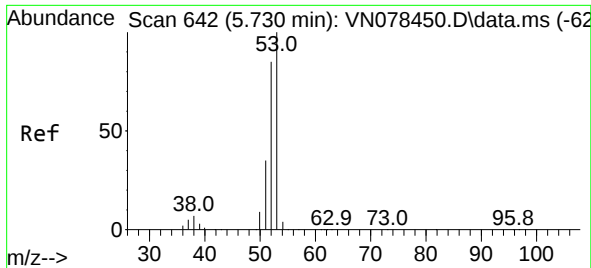
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#14
Allyl chloride
Concen: 17.779 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

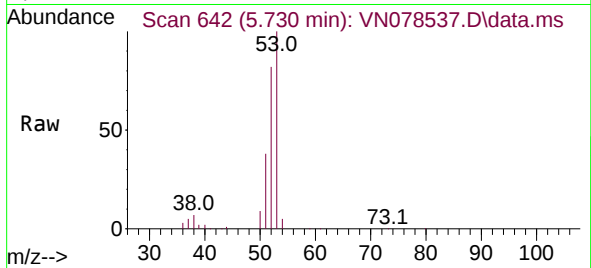
Tgt Ion: 41 Resp: 110718
Ion Ratio Lower Upper
41 100
39 77.1 58.8 88.2
76 46.3 39.1 58.7





#15
Acrylonitrile
Concen: 101.281 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

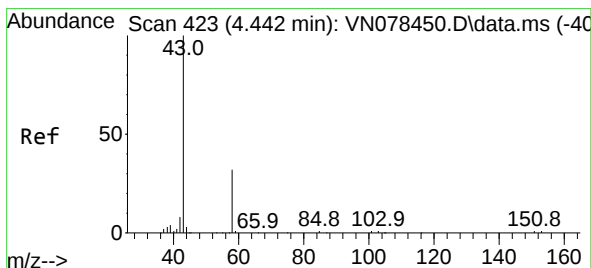
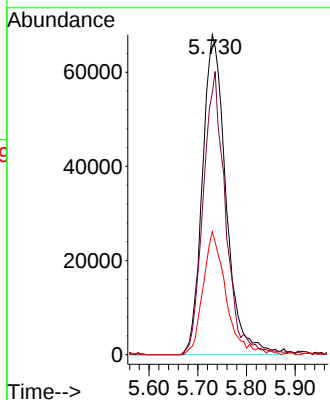
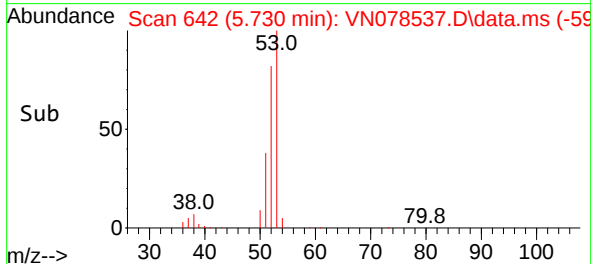
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



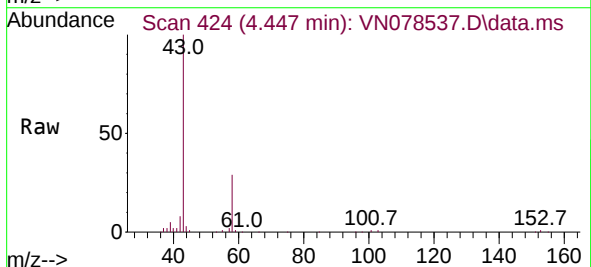
Tgt Ion: 53 Resp: 22848
Ion Ratio Lower Upper
53 100
52 83.8 65.3 97.9
51 36.6 28.9 43.3

Manual Integrations
APPROVED

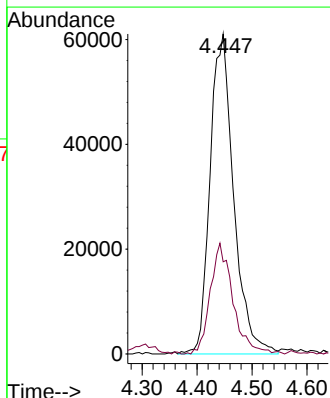
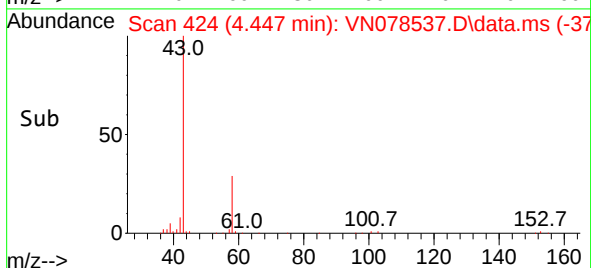
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

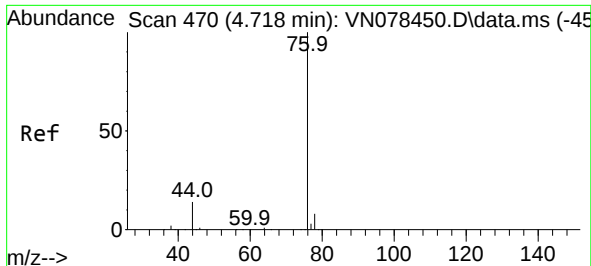


#16
Acetone
Concen: 100.972 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.005 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47



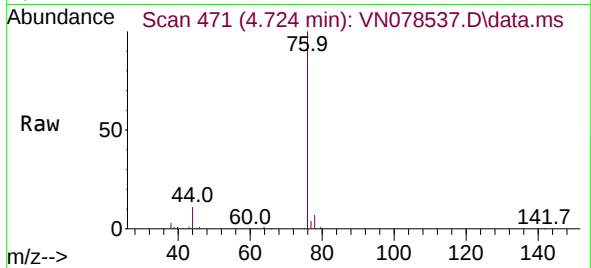
Tgt Ion: 43 Resp: 182121
Ion Ratio Lower Upper
43 100
58 28.3 28.0 42.0





#17
Carbon Disulfide
Concen: 16.132 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.006 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

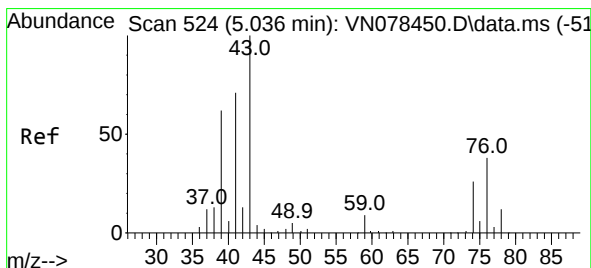
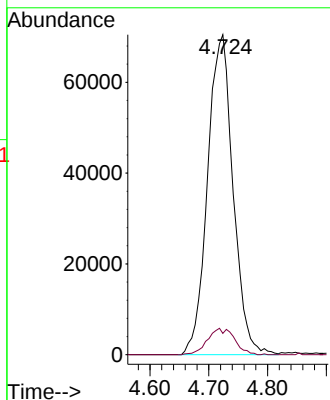
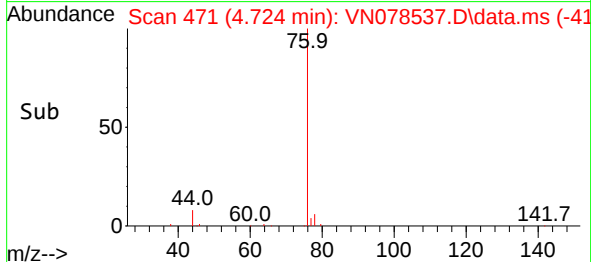
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



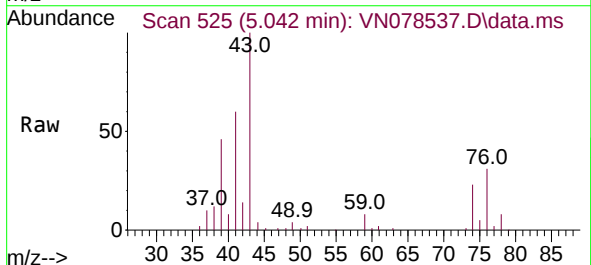
Tgt Ion: 76 Resp: 21260
Ion Ratio Lower Upper
76 100
78 6.7 7.4 11.0

Manual Integrations
APPROVED

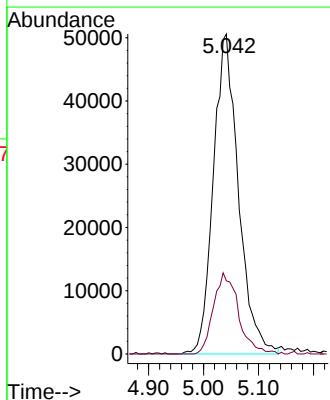
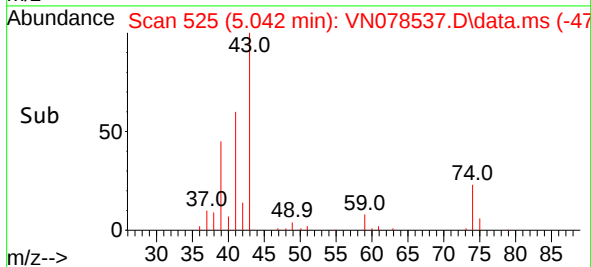
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

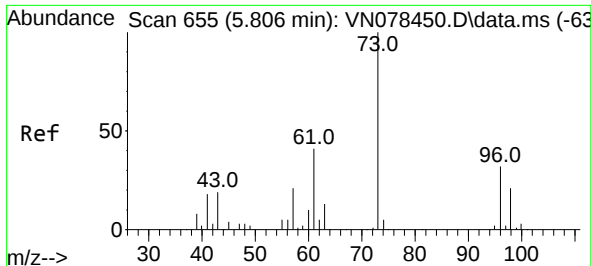


#18
Methyl Acetate
Concen: 20.980 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.006 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47



Tgt Ion: 43 Resp: 160188
Ion Ratio Lower Upper
43 100
74 25.3 26.2 39.4





#19

Methyl tert-butyl Ether

Concen: 20.053 ug/l

RT: 5.806 min Scan# 611

Delta R.T. 0.000 min

Lab File: VN078537.D

Acq: 17 Jul 2023 12:47

Instrument :

MSVOA_N

ClientSampleId :

VN0717WBSD01

Tgt Ion: 73 Resp: 30112

Ion Ratio Lower Upper

73 100

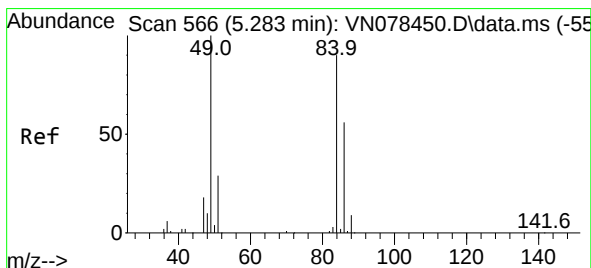
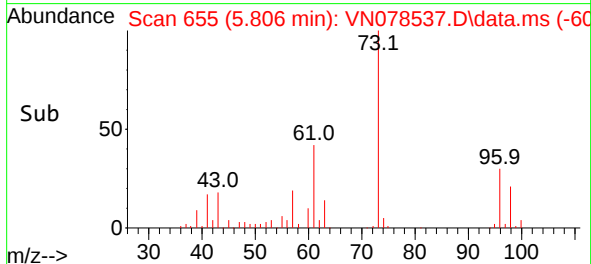
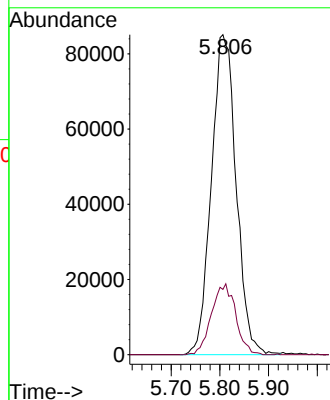
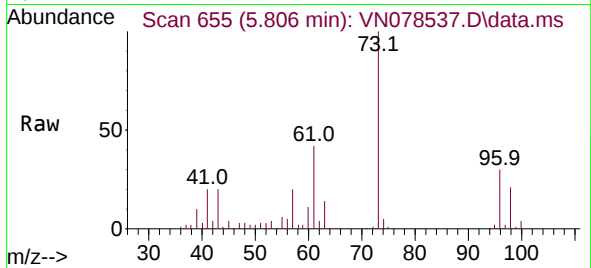
57 20.4 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#20

Methylene Chloride

Concen: 20.154 ug/l

RT: 5.277 min Scan# 565

Delta R.T. -0.006 min

Lab File: VN078537.D

Acq: 17 Jul 2023 12:47

Tgt Ion: 84 Resp: 108046

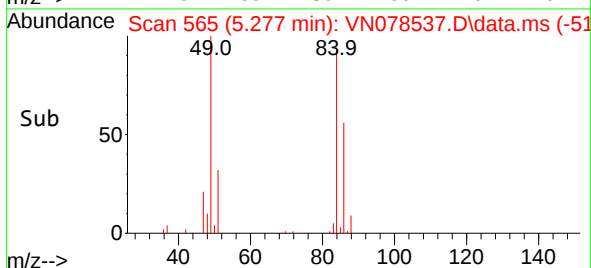
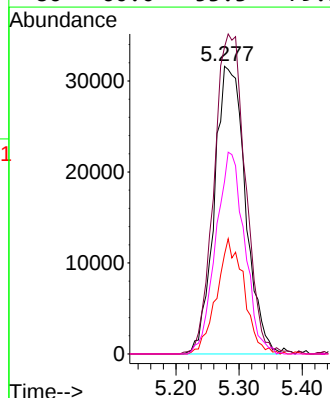
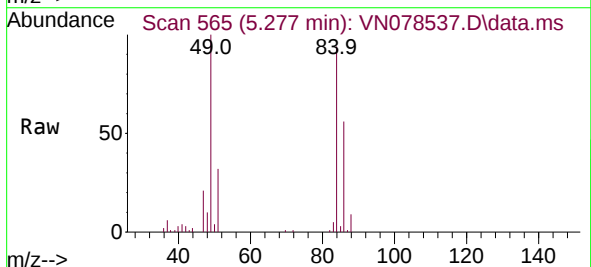
Ion Ratio Lower Upper

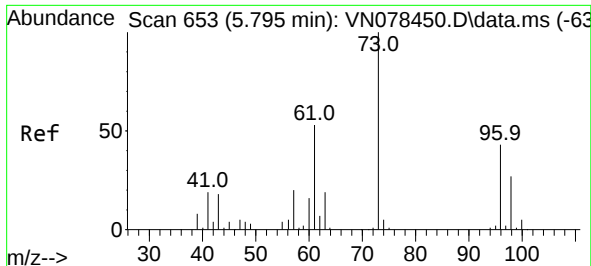
84 100

49 106.7 79.7 119.5

51 34.6 25.2 37.8

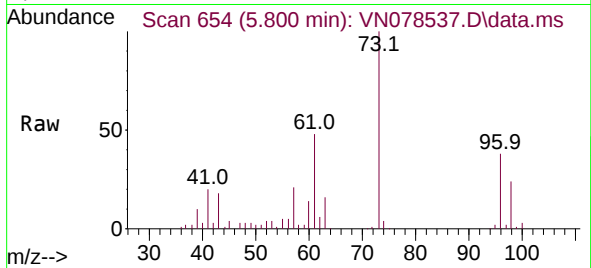
86 60.0 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 17.743 ug/l
RT: 5.800 min Scan# 611
Delta R.T. 0.005 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

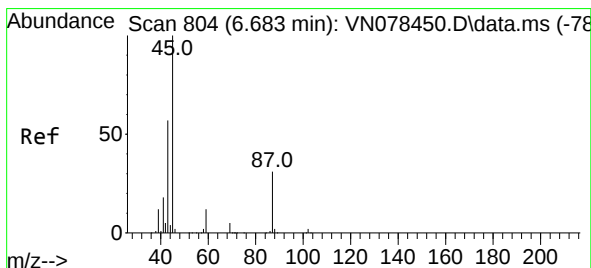
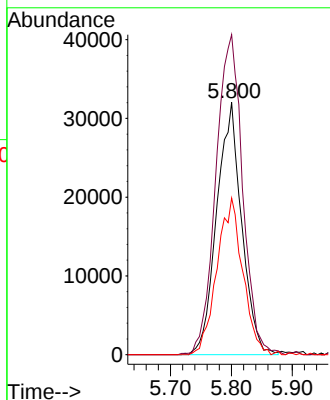
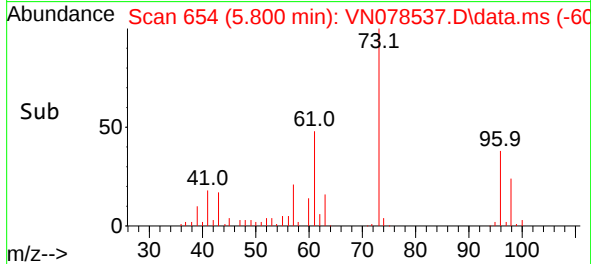
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



Tgt Ion: 96 Resp: 91125
Ion Ratio Lower Upper
96 100
61 126.8 90.1 135.1
98 62.1 46.4 69.6

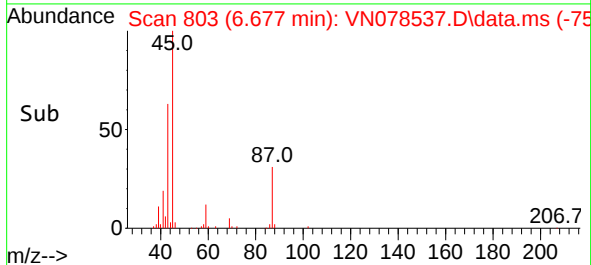
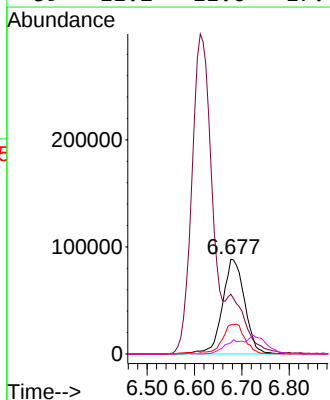
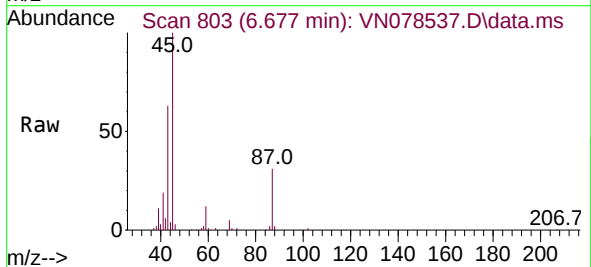
Manual Integrations
APPROVED

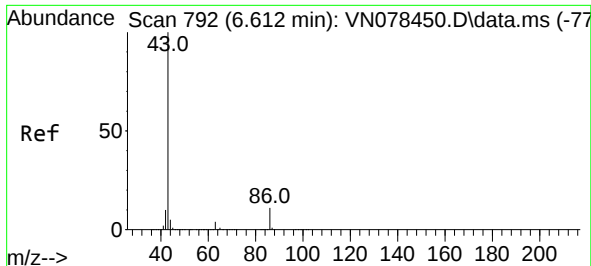
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#22
Diisopropyl ether
Concen: 20.623 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.006 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

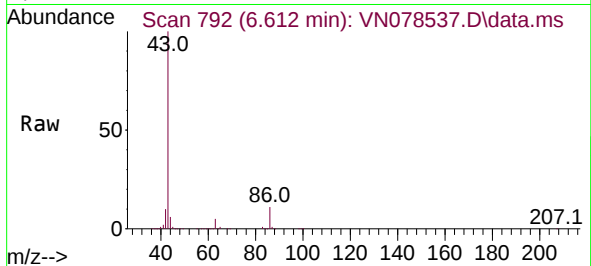
Tgt Ion: 45 Resp: 287578
Ion Ratio Lower Upper
45 100
43 60.7 45.5 68.3
87 30.7 31.8 47.8#
59 11.2 11.6 17.4#





#23
 Vinyl Acetate
 Concen: 99.463 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078537.D
 Acq: 17 Jul 2023 12:47

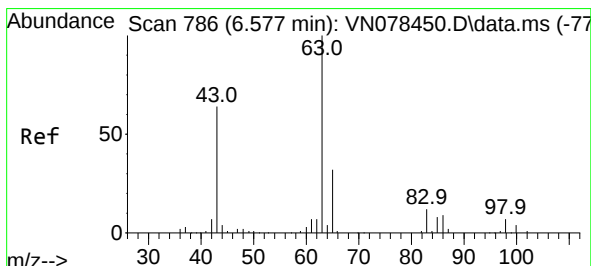
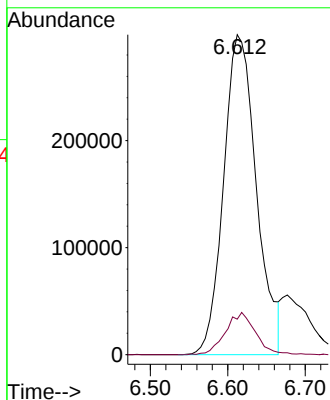
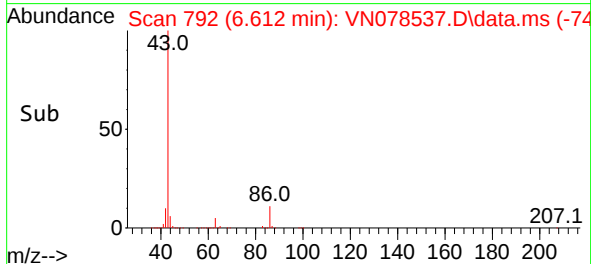
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0717WBSD01



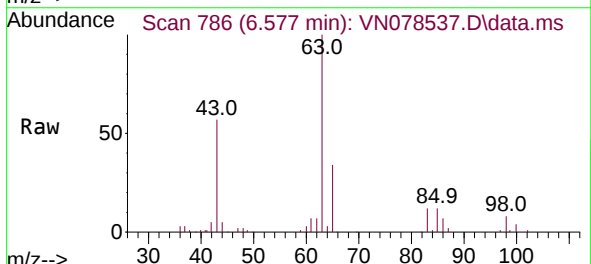
Tgt Ion: 43 Resp: 88174
 Ion Ratio Lower Upper
 43 100
 86 11.1 13.0 19.6

Manual Integrations
 APPROVED

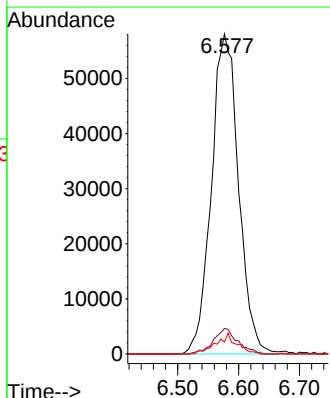
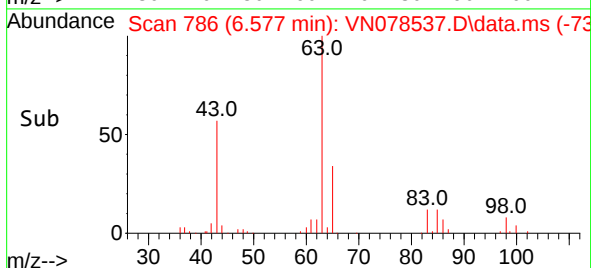
Reviewed By :John Carlone 07/18/2023
 Supervised By :Mahesh Dadoda 07/18/2023

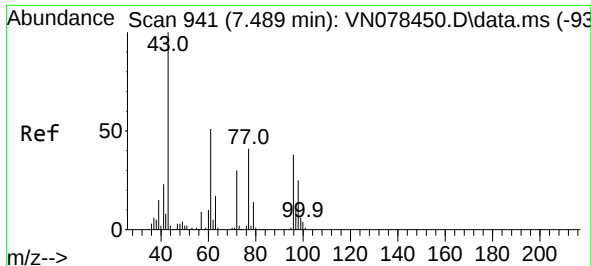


#24
 1,1-Dichloroethane
 Concen: 19.155 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078537.D
 Acq: 17 Jul 2023 12:47



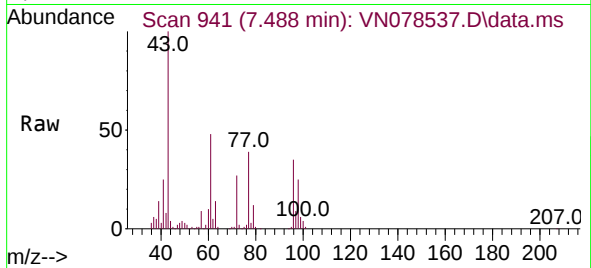
Tgt Ion: 63 Resp: 179980
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.9 11.7
 100 3.7 2.5 7.4





#25
2-Butanone
Concen: 102.474 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.001 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

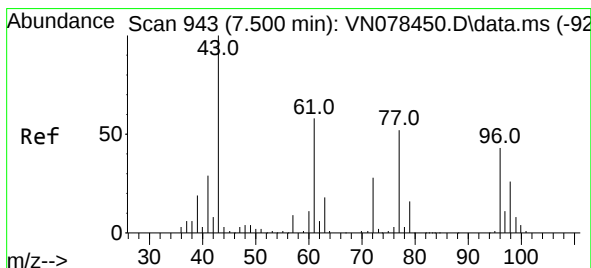
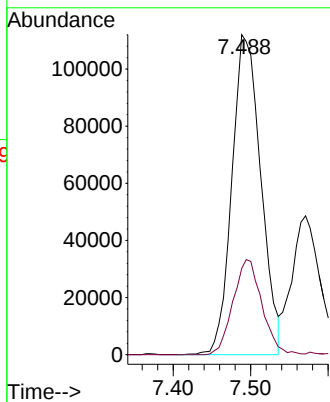
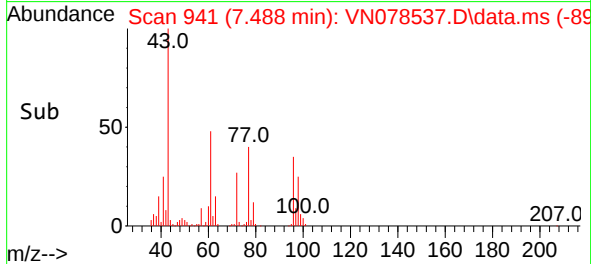
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



Tgt Ion: 43 Resp: 290948
Ion Ratio Lower Upper
43 100
72 26.9 30.2 45.2

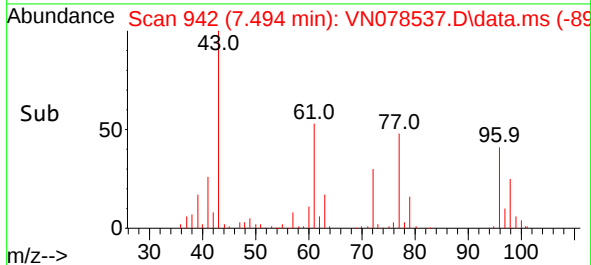
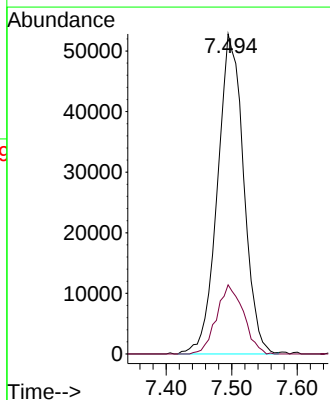
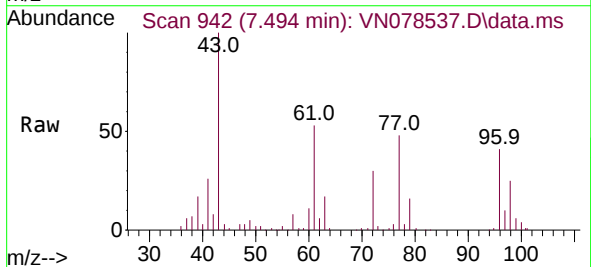
Manual Integrations
APPROVED

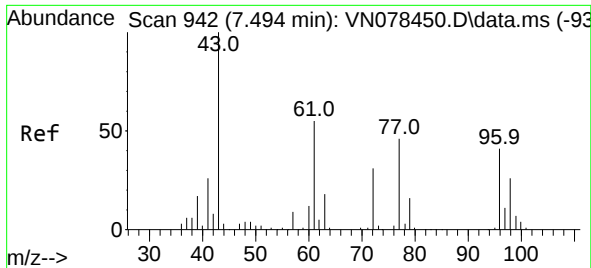
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#26
2,2-Dichloropropane
Concen: 19.036 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

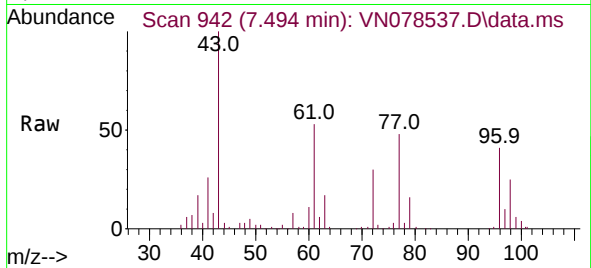
Tgt Ion: 77 Resp: 146296
Ion Ratio Lower Upper
77 100
97 22.1 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.547 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078537.D
 Acq: 17 Jul 2023 12:47

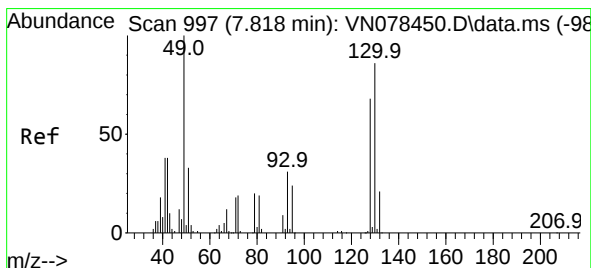
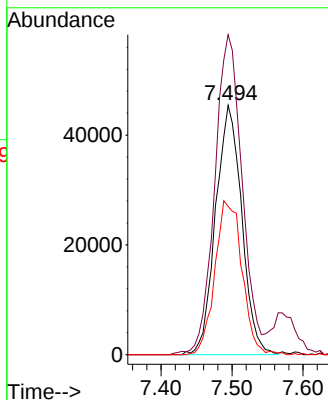
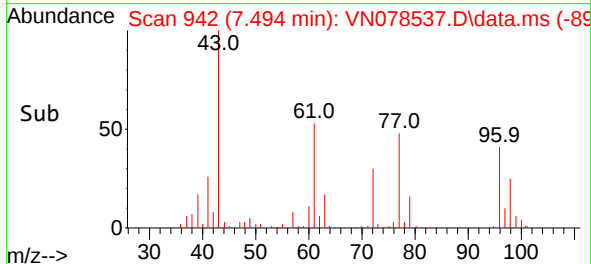
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0717WBSD01



Tgt Ion: 96 Resp: 11613
 Ion Ratio Lower Upper
 96 100
 61 135.0 0.0 255.2
 98 64.0 0.0 128.8

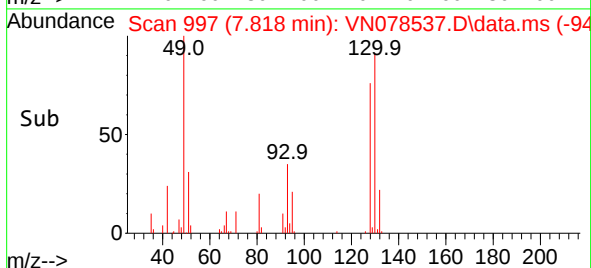
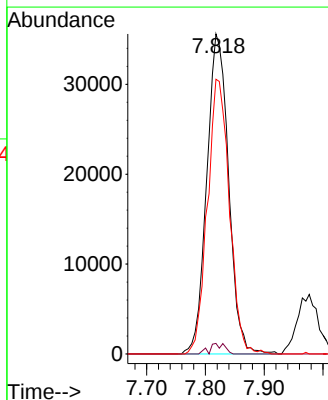
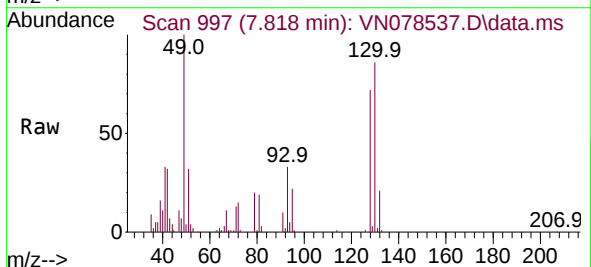
Manual Integrations
 APPROVED

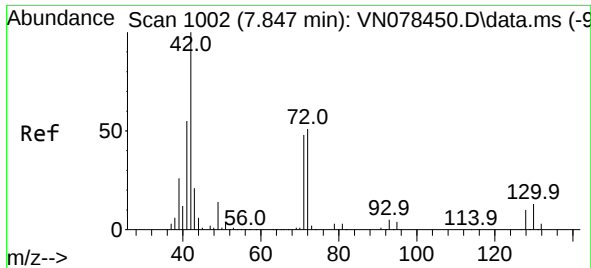
Reviewed By :John Carlone 07/18/2023
 Supervised By :Mahesh Dadoda 07/18/2023



#28
 Bromochloromethane
 Concen: 20.768 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN078537.D
 Acq: 17 Jul 2023 12:47

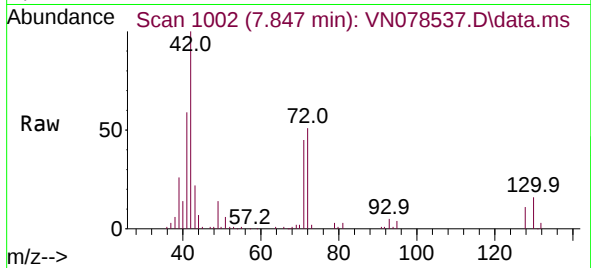
Tgt Ion: 49 Resp: 91910
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.8
 130 86.3 75.3 112.9





#29
Tetrahydrofuran
Concen: 100.419 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

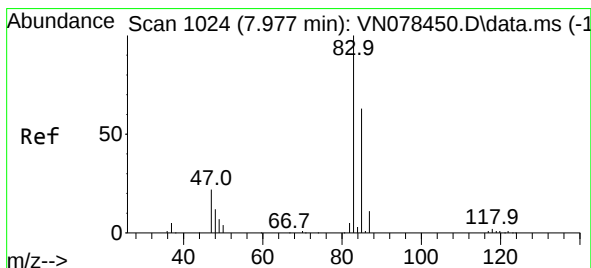
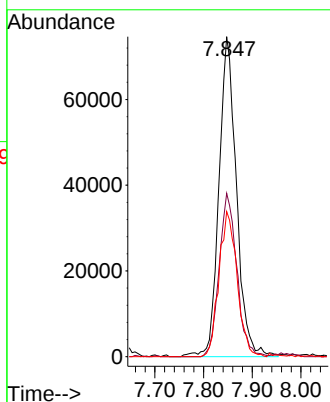
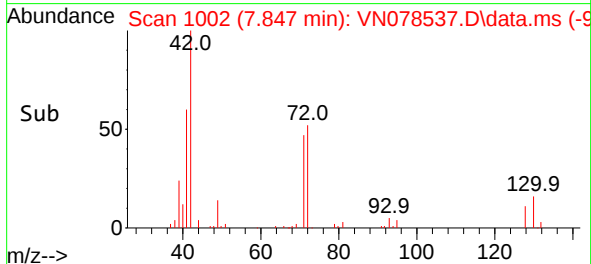
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



Tgt Ion: 42 Resp: 187083
Ion Ratio Lower Upper
42 100
72 51.3 49.8 74.6
71 46.8 47.4 71.2

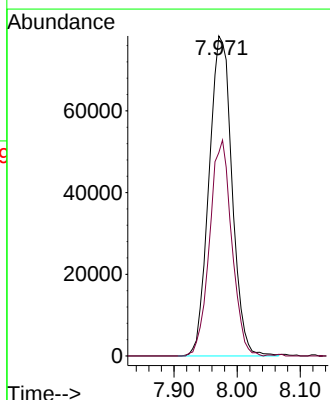
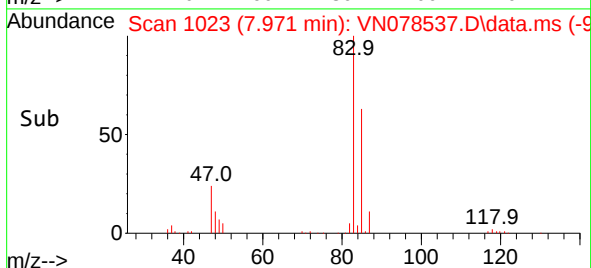
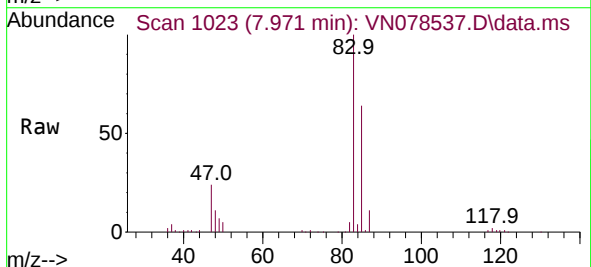
Manual Integrations
APPROVED

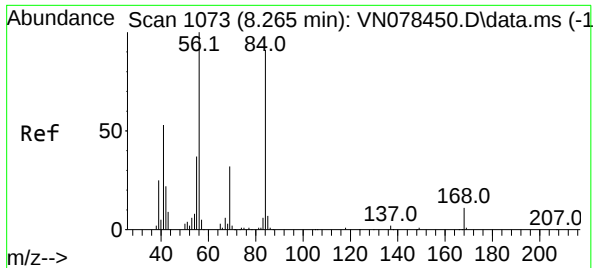
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#30
Chloroform
Concen: 20.292 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.006 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

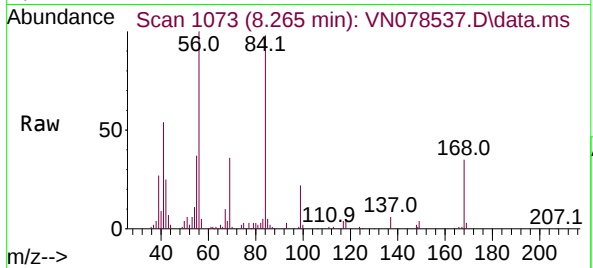
Tgt Ion: 83 Resp: 198504
Ion Ratio Lower Upper
83 100
85 63.5 55.4 83.0





#31
Cyclohexane
Concen: 17.708 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

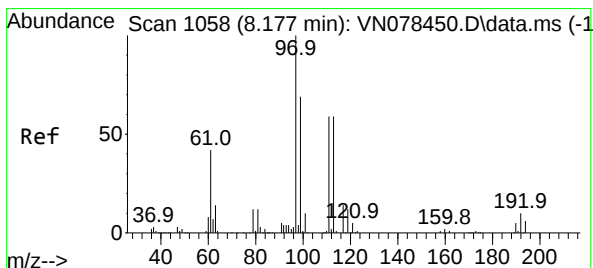
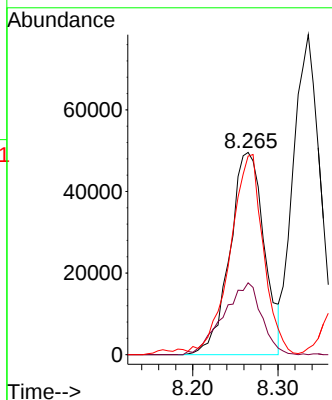
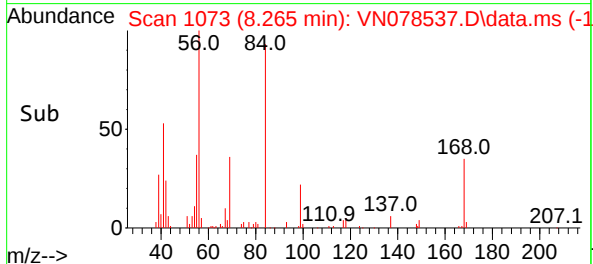
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



Tgt Ion: 56 Resp: 13857
Ion Ratio Lower Upper
56 100
69 35.6 26.8 40.2
84 95.1 81.8 122.6

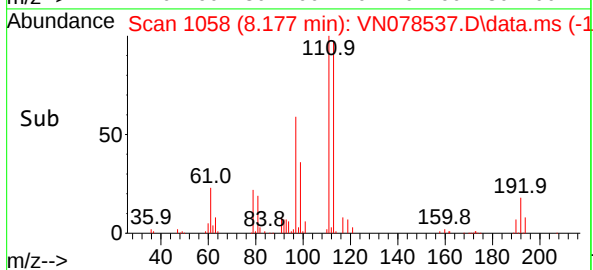
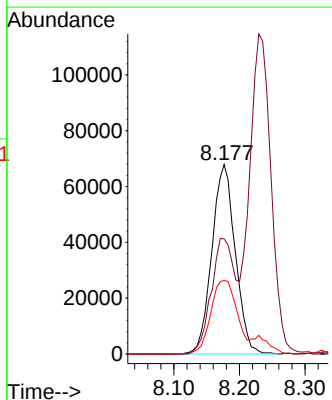
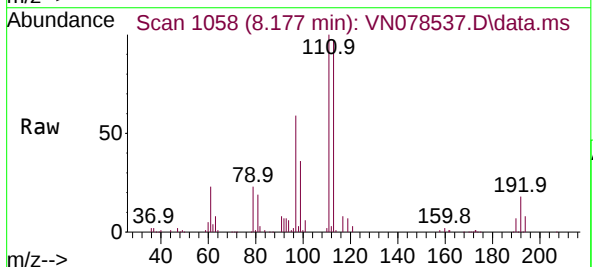
Manual Integrations
APPROVED

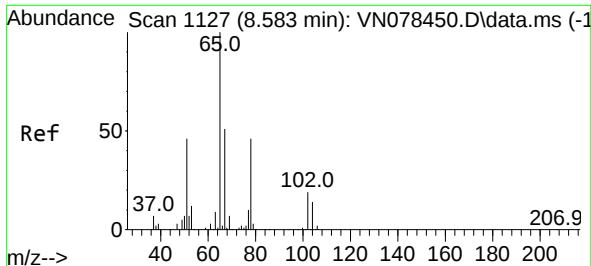
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#32
1,1,1-Trichloroethane
Concen: 19.133 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

Tgt Ion: 97 Resp: 167811
Ion Ratio Lower Upper
97 100
99 63.9 50.3 75.5
61 44.4 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 54.544 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078537.D

Acq: 17 Jul 2023 12:47

Instrument :

MSVOA_N

ClientSampleId :

VN0717WBSD01

Tgt Ion: 65 Resp: 31582

Ion Ratio Lower Upper

65 100

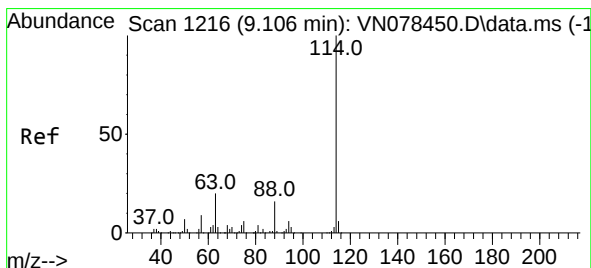
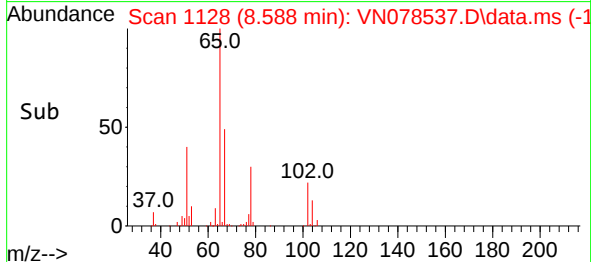
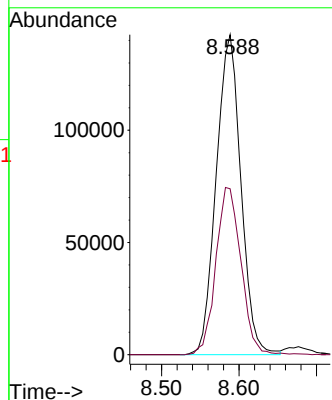
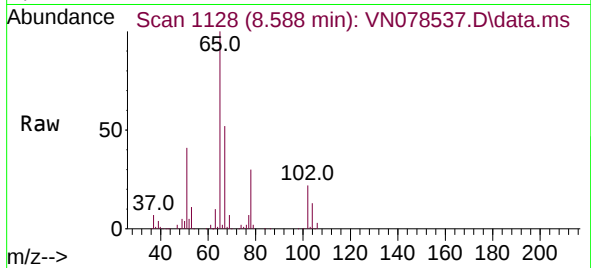
67 53.2 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN078537.D

Acq: 17 Jul 2023 12:47

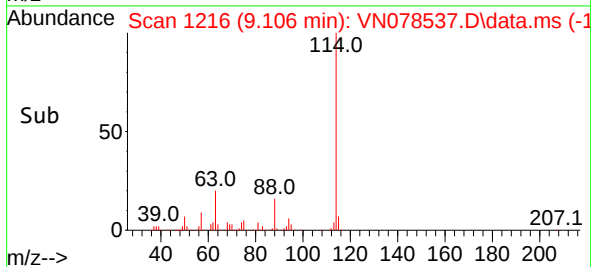
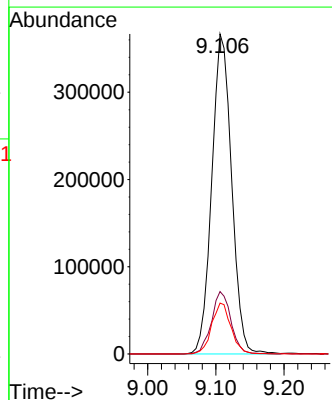
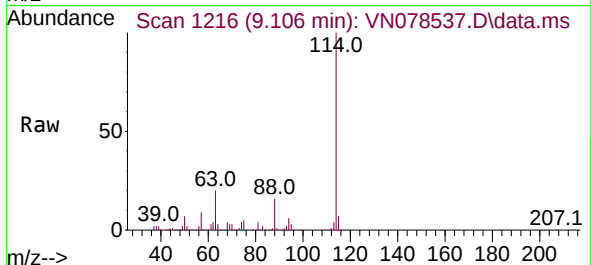
Tgt Ion:114 Resp: 742407

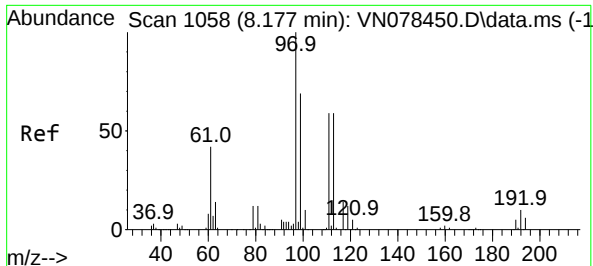
Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.4

88 15.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.469 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078537.D

Acq: 17 Jul 2023 12:47

Instrument :

MSVOA_N

ClientSampleId :

VN0717WBSD01

Tgt Ion: 113 Resp: 269469

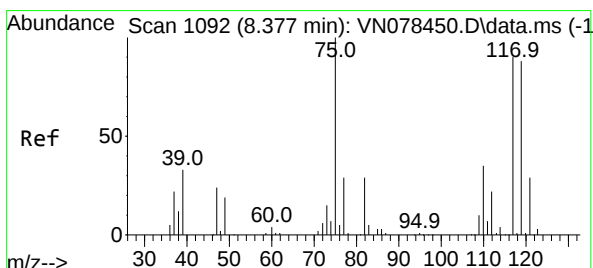
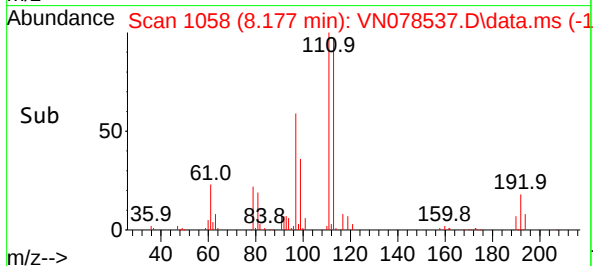
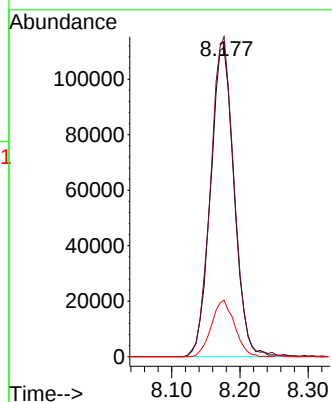
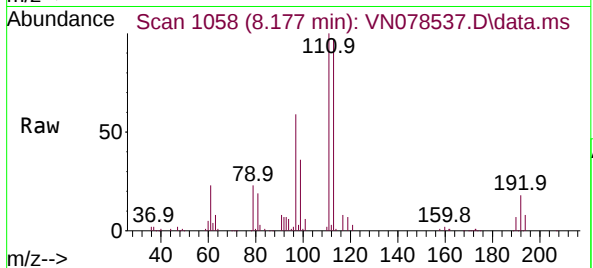
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.6	123.8
192	17.9	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#36

1,1-Dichloropropene

Concen: 18.390 ug/l

RT: 8.383 min Scan# 1093

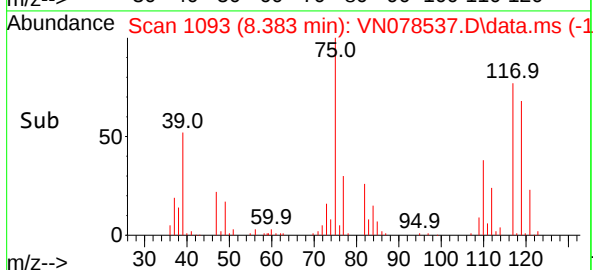
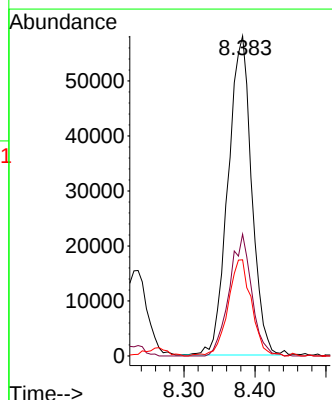
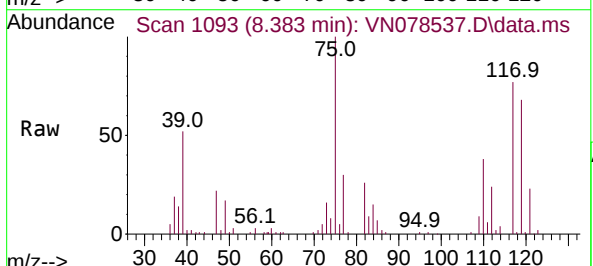
Delta R.T. 0.005 min

Lab File: VN078537.D

Acq: 17 Jul 2023 12:47

Tgt Ion: 75 Resp: 133822

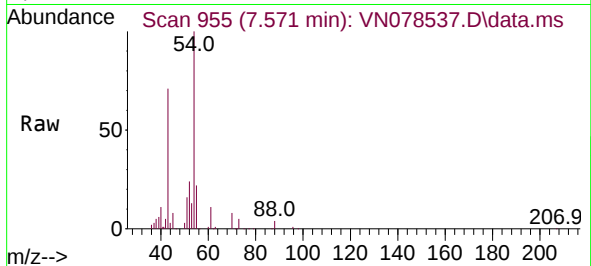
Ion	Ratio	Lower	Upper
75	100		
110	36.4	19.1	57.3
77	30.1	25.0	37.4





#37
Ethyl Acetate
Concen: 20.426 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

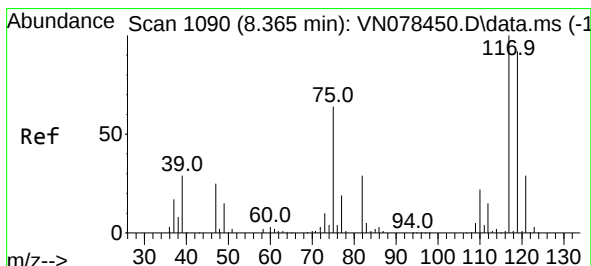
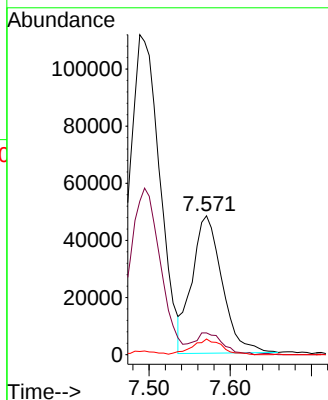
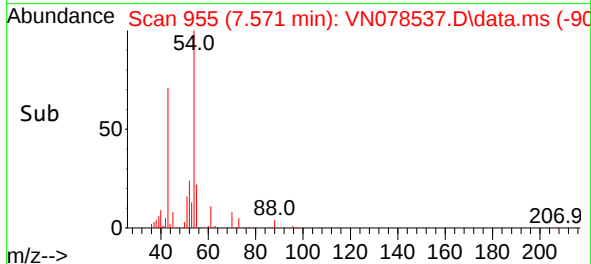
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



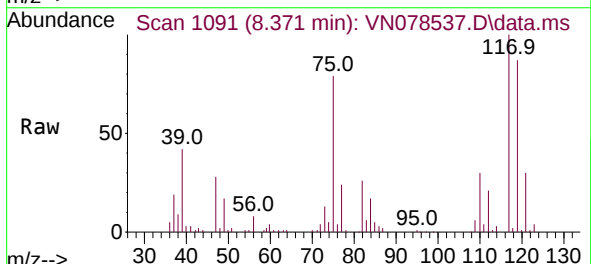
Tgt Ion: 43 Resp: 123900
Ion Ratio Lower Upper
43 100
61 14.6 13.2 19.8
70 10.9 11.3 16.9

Manual Integrations
APPROVED

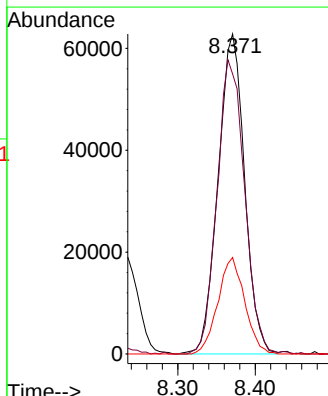
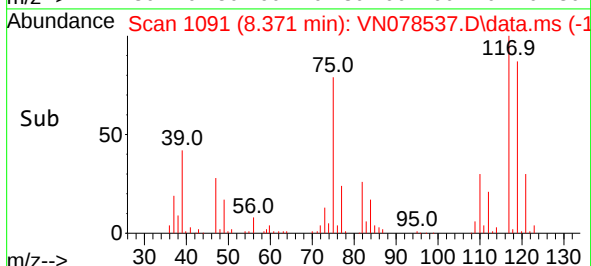
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

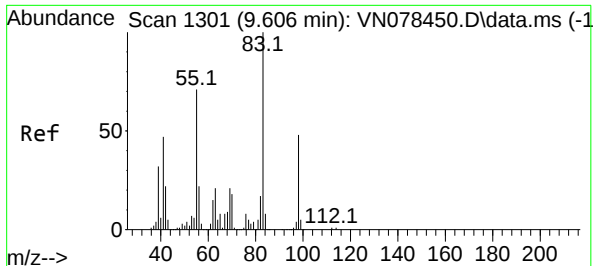


#38
Carbon Tetrachloride
Concen: 18.910 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47



Tgt Ion:117 Resp: 149559
Ion Ratio Lower Upper
117 100
119 87.5 77.3 115.9
121 30.1 23.3 34.9





#39

Methylcyclohexane

Concen: 18.523 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. -0.000 min

Lab File: VN078537.D

Acq: 17 Jul 2023 12:47

Instrument :

MSVOA_N

ClientSampleId :

VN0717WBSD01

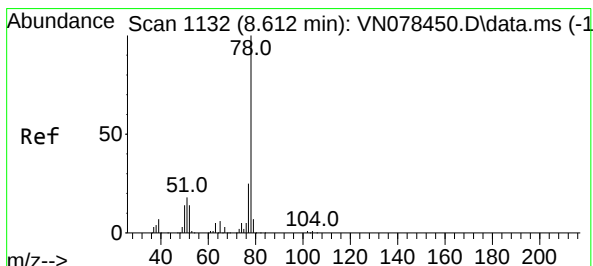
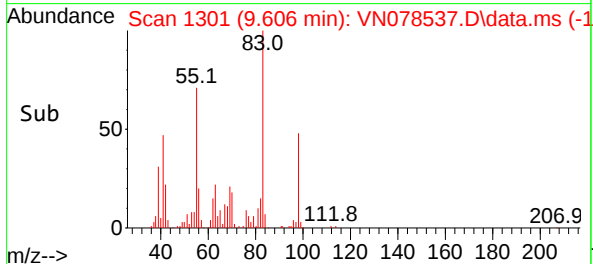
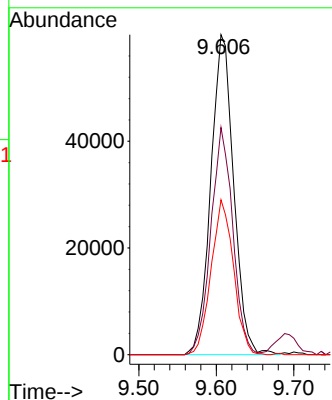
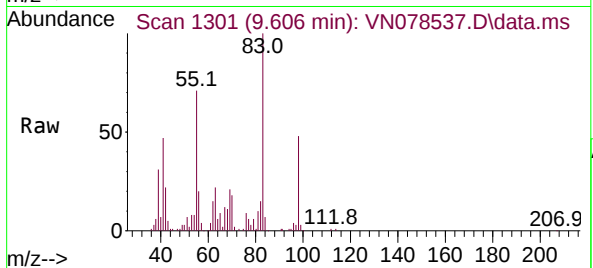
Tgt Ion:	83	Resp:	12303
Ion Ratio	Lower	Upper	
83	100		
55	71.0	49.1	73.7
98	48.4	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#40

Benzene

Concen: 19.476 ug/l

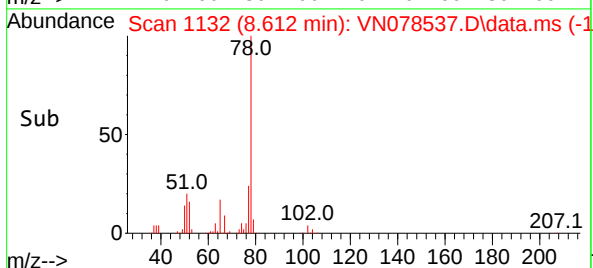
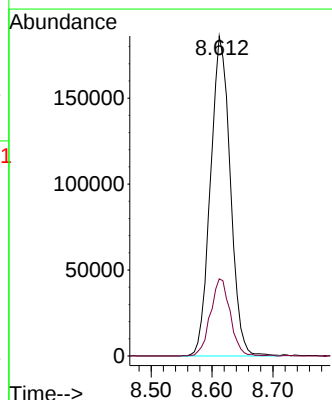
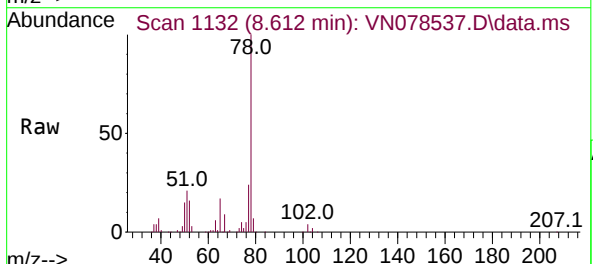
RT: 8.612 min Scan# 1132

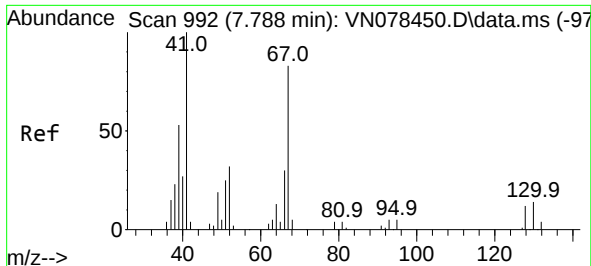
Delta R.T. -0.000 min

Lab File: VN078537.D

Acq: 17 Jul 2023 12:47

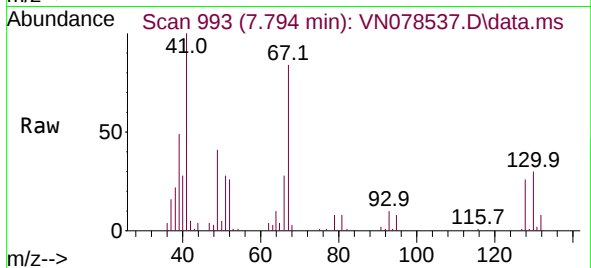
Tgt Ion:	78	Resp:	419860
Ion Ratio	Lower	Upper	
78	100		
77	24.1	19.0	28.6





#41
Methacrylonitrile
Concen: 19.223 ug/l
RT: 7.794 min Scan# 992
Delta R.T. 0.006 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

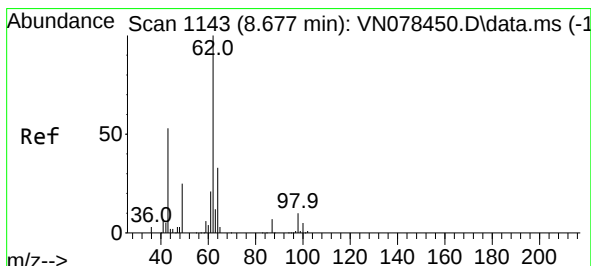
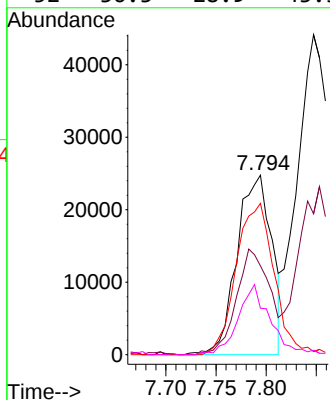
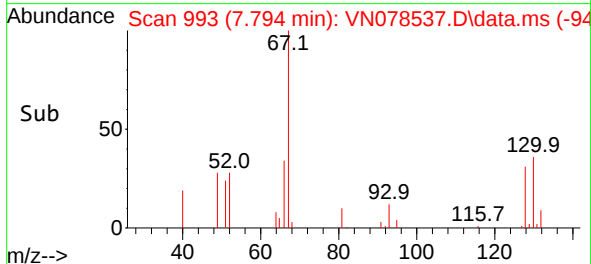
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



Tgt Ion: 41 Resp: 59440
Ion Ratio Lower Upper
41 100
39 56.1 42.6 64.0
67 93.1 77.5 116.3
52 36.3 28.9 43.3

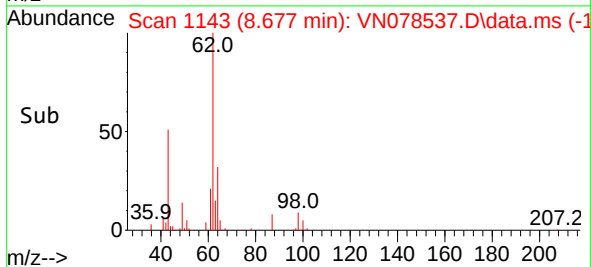
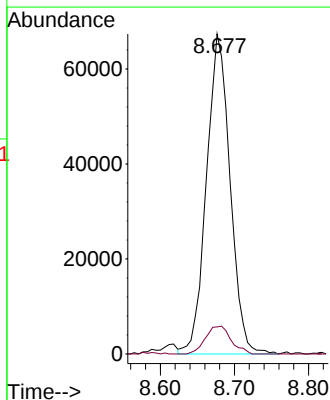
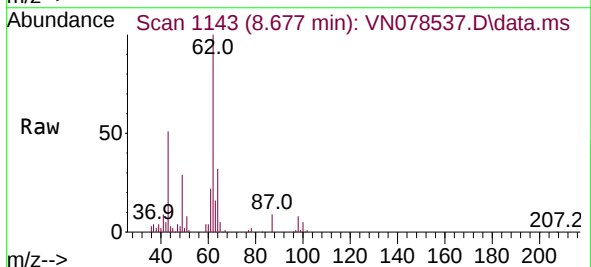
Manual Integrations
APPROVED

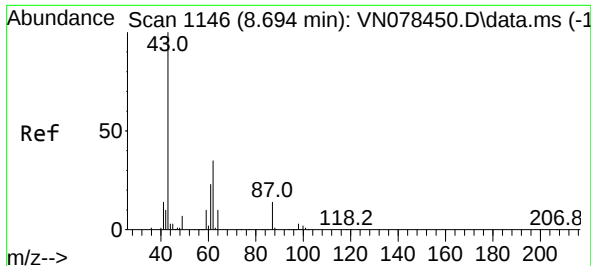
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#42
1,2-Dichloroethane
Concen: 20.351 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

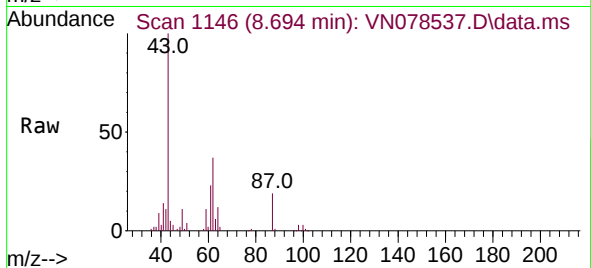
Tgt Ion: 62 Resp: 149231
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.8





#43
Isopropyl Acetate
Concen: 21.879 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

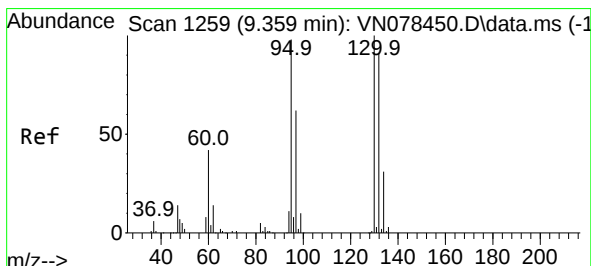
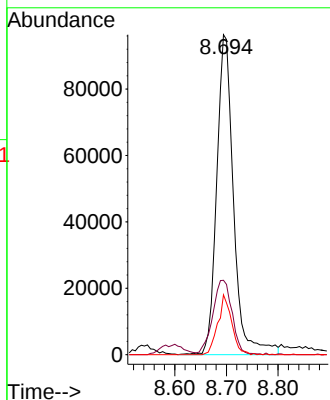
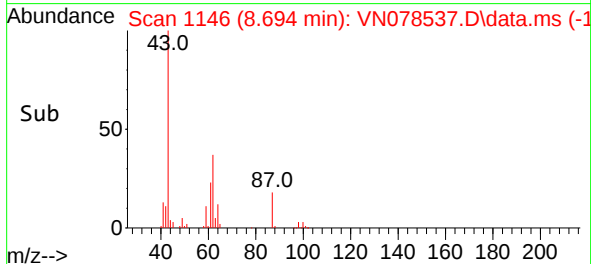
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



Tgt Ion: 43 Resp: 218504
Ion Ratio Lower Upper
43 100
61 26.7 24.7 37.1
87 15.4 14.6 21.8

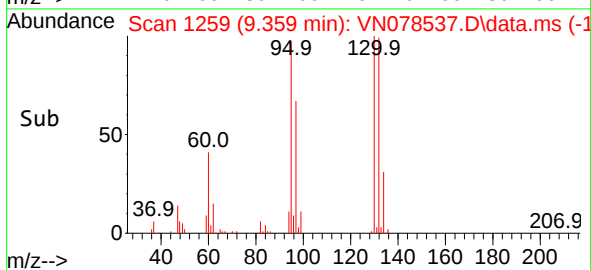
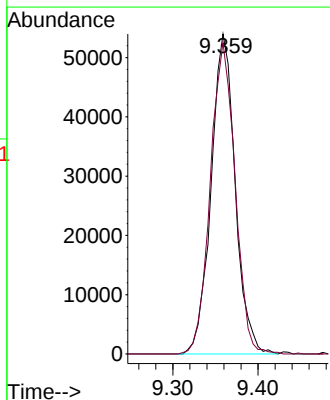
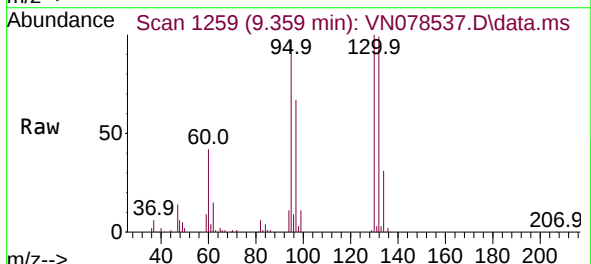
Manual Integrations
APPROVED

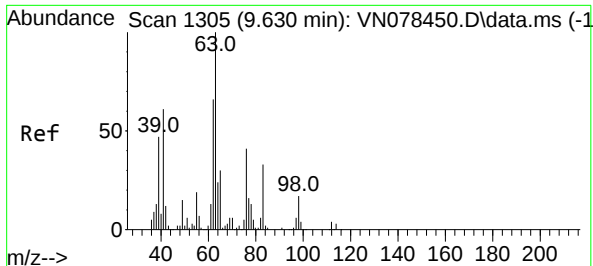
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#44
Trichloroethene
Concen: 18.255 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

Tgt Ion:130 Resp: 106071
Ion Ratio Lower Upper
130 100
95 97.3 0.0 204.6





#45

1,2-Dichloropropane

Concen: 20.236 ug/l

RT: 9.629 min Scan# 110492

Delta R.T. -0.001 min

Lab File: VN078537.D

Acq: 17 Jul 2023 12:47

Instrument :

MSVOA_N

ClientSampleId :

VN0717WBSD01

Tgt Ion: 63 Resp: 110492

Ion Ratio Lower Upper

63 100

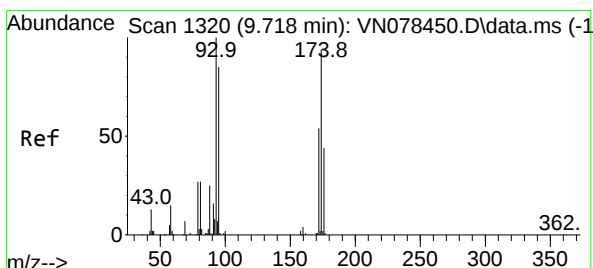
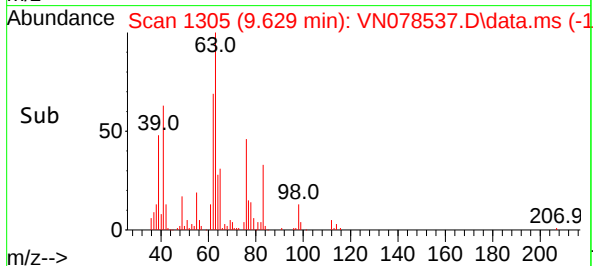
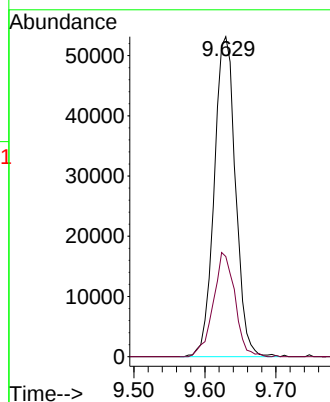
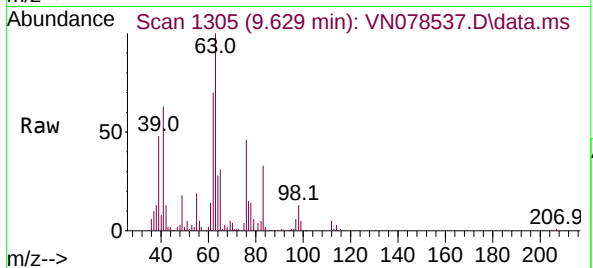
65 31.3 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#46

Dibromomethane

Concen: 20.876 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN078537.D

Acq: 17 Jul 2023 12:47

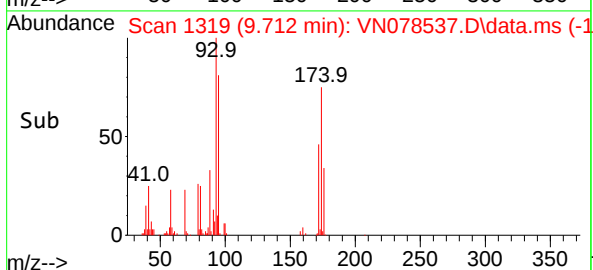
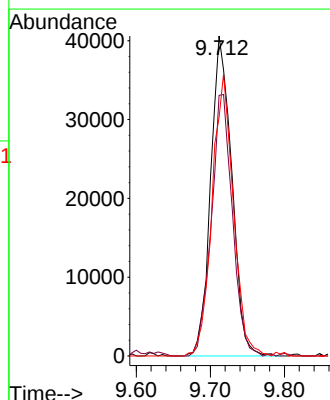
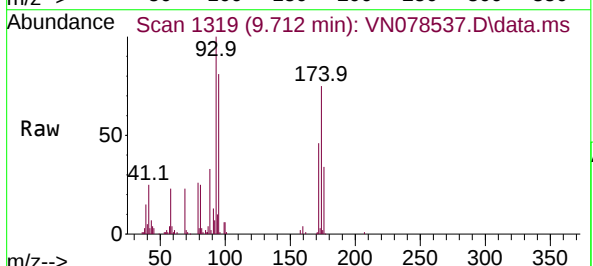
Tgt Ion: 93 Resp: 80227

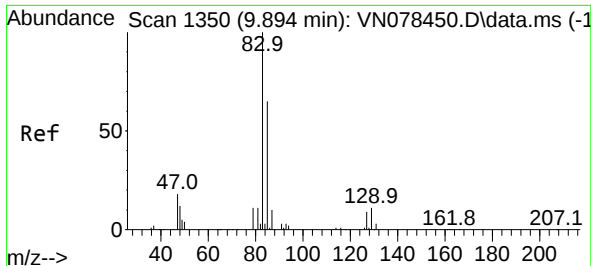
Ion Ratio Lower Upper

93 100

95 81.8 63.8 95.8

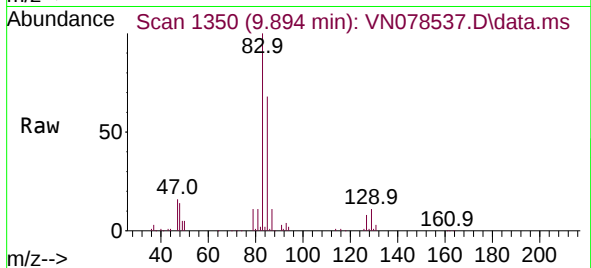
174 88.7 65.6 98.4





#47
Bromodichloromethane
Concen: 20.662 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

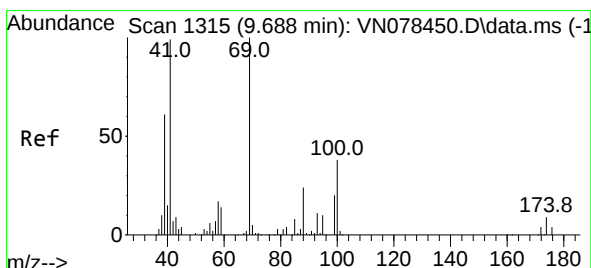
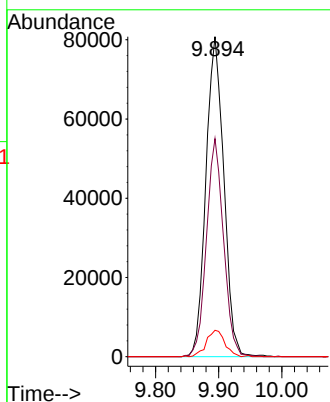
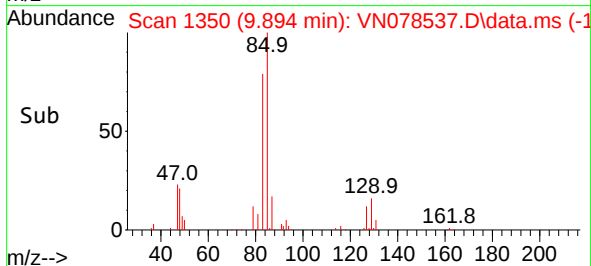
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



Tgt Ion: 83 Resp: 15917
Ion Ratio Lower Upper
83 100
85 68.1 49.6 74.4
127 8.2 7.0 10.6

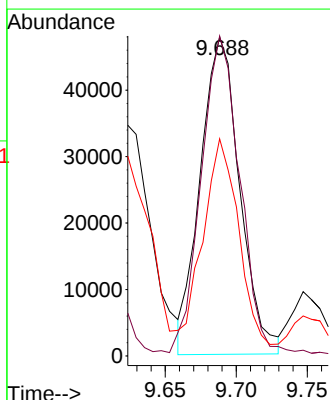
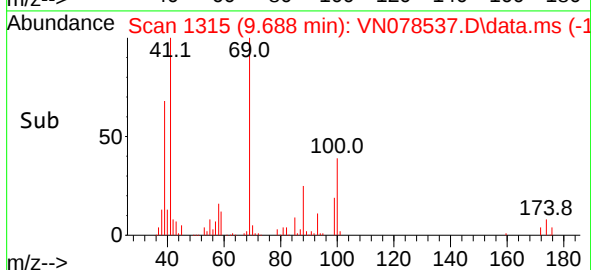
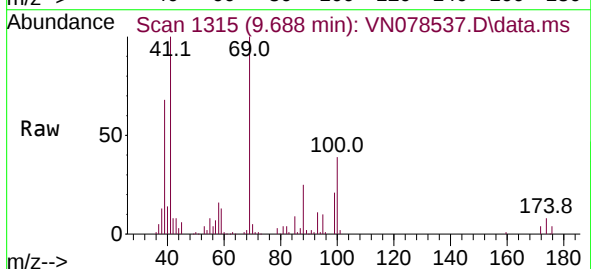
Manual Integrations
APPROVED

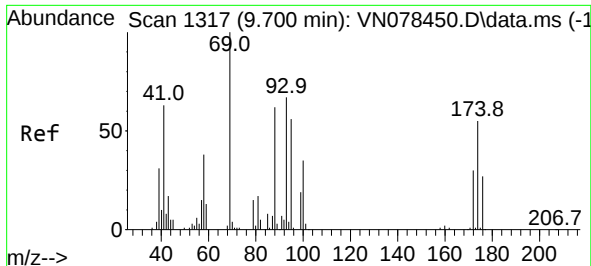
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#48
Methyl methacrylate
Concen: 19.907 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

Tgt Ion: 41 Resp: 92108
Ion Ratio Lower Upper
41 100
69 101.4 90.4 135.6
39 63.5 54.6 81.8





#49

1,4-Dioxane

Concen: 412.103 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078537.D

Acq: 17 Jul 2023 12:47

Instrument :

MSVOA_N

ClientSampleId :

VN0717WBSD01

Tgt Ion: 88 Resp: 4158

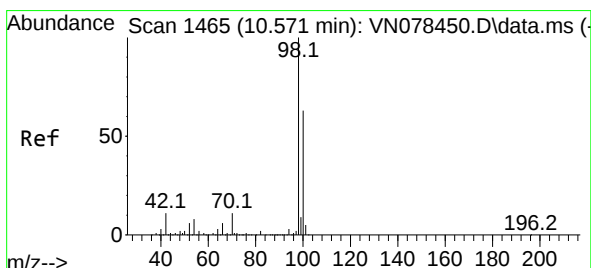
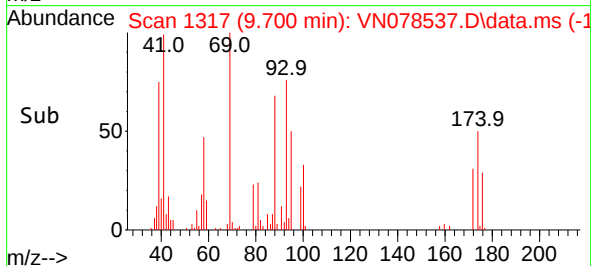
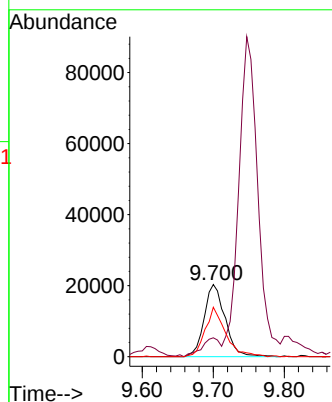
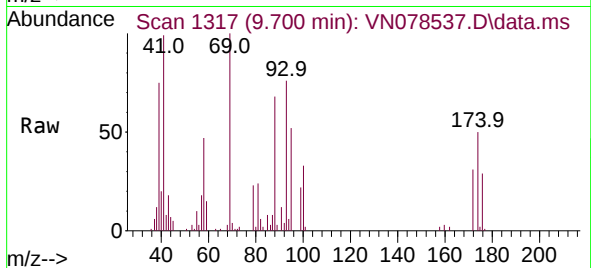
Ion	Ratio	Lower	Upper
88	100		
43	21.8	17.0	25.6
58	67.0	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#50

Toluene-d8

Concen: 51.969 ug/l

RT: 10.571 min Scan# 1465

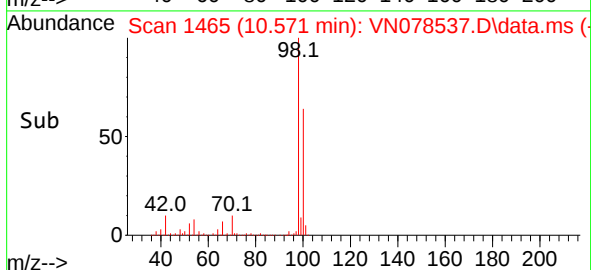
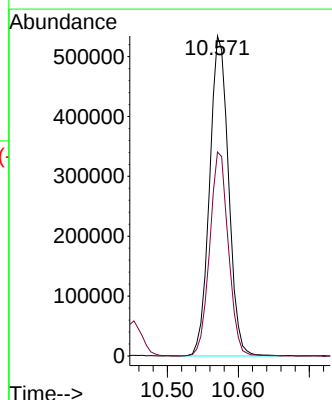
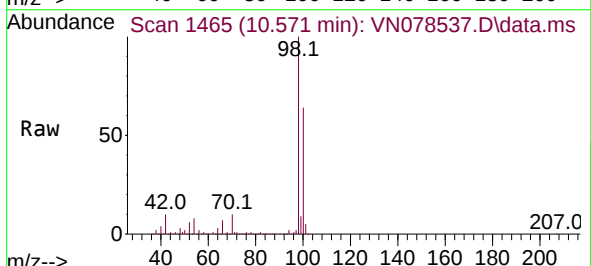
Delta R.T. -0.000 min

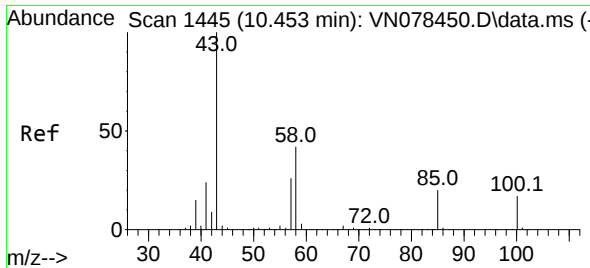
Lab File: VN078537.D

Acq: 17 Jul 2023 12:47

Tgt Ion: 98 Resp: 989406

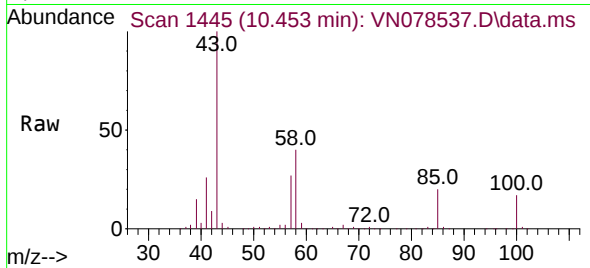
Ion	Ratio	Lower	Upper
98	100		
100	62.8	52.0	78.0





#51
4-Methyl-2-Pentanone
Concen: 103.743 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

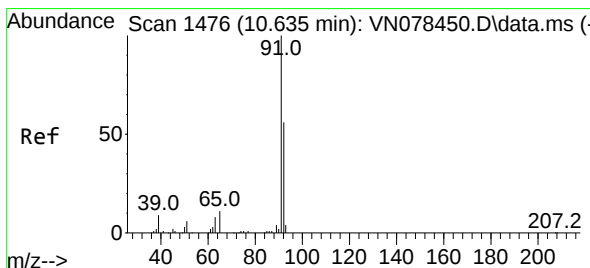
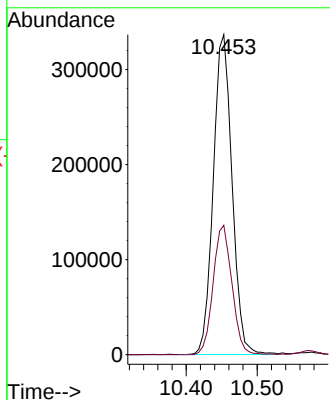
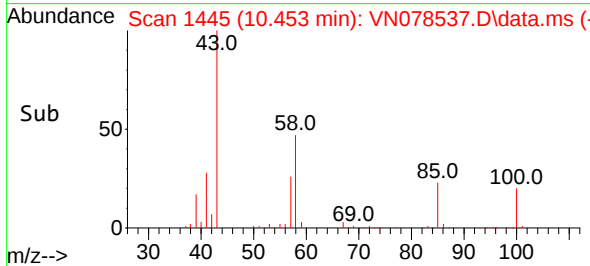
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



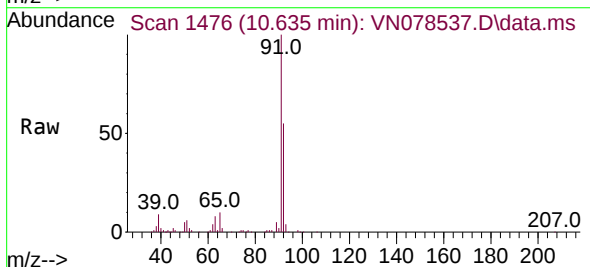
Tgt Ion: 43 Resp: 616270
Ion Ratio Lower Upper
43 100
58 40.6 36.6 54.8

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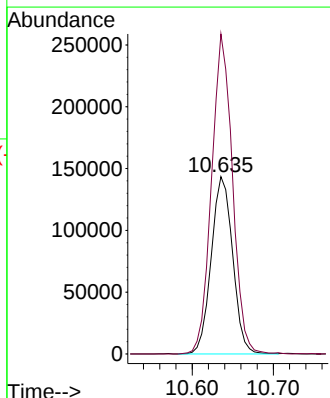
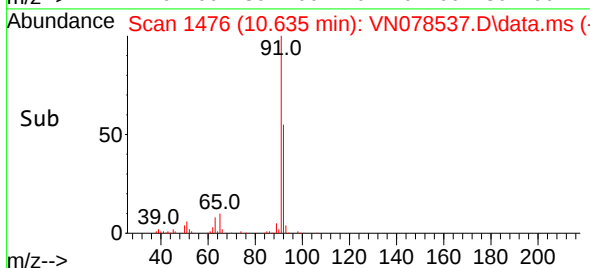
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

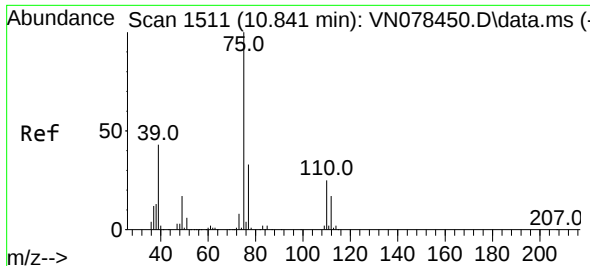


#52
Toluene
Concen: 19.686 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47



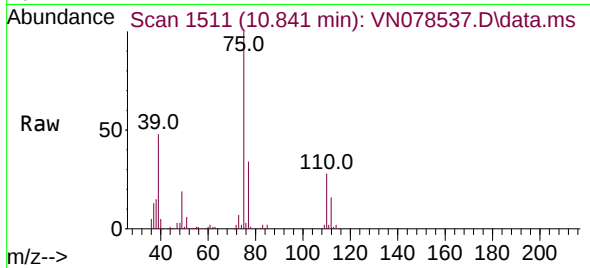
Tgt Ion: 92 Resp: 263032
Ion Ratio Lower Upper
92 100
91 176.4 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 20.416 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

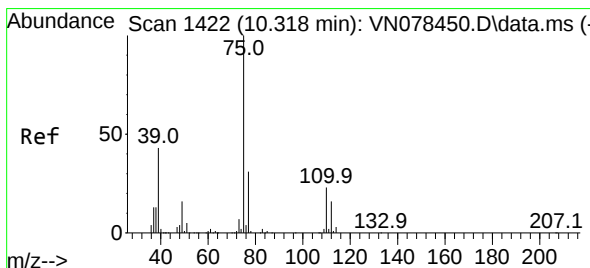
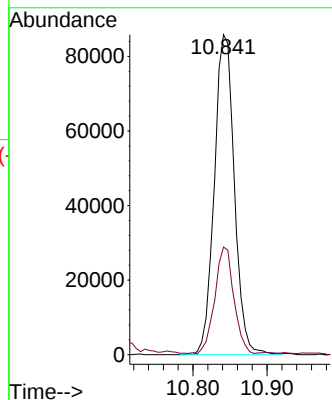
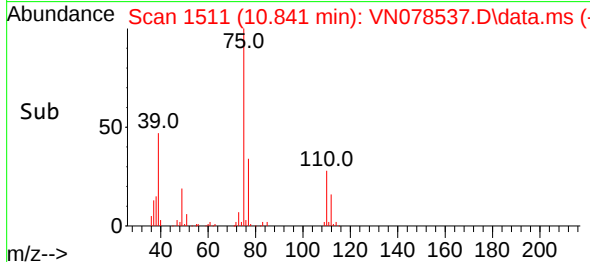
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



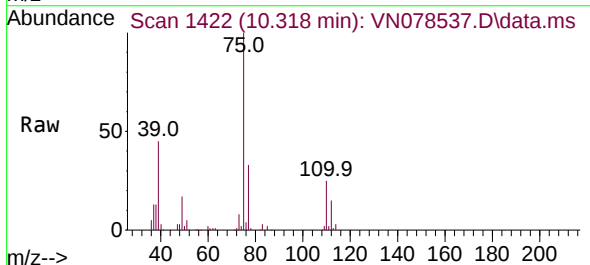
Tgt Ion: 75 Resp: 16112
Ion Ratio Lower Upper
75 100
77 33.2 25.4 38.0

Manual Integrations
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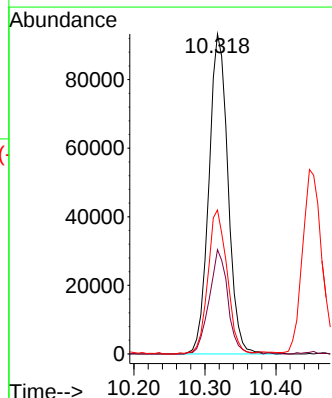
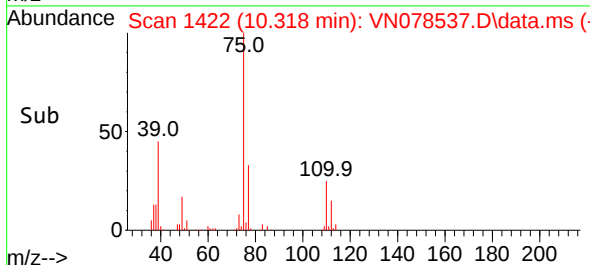
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

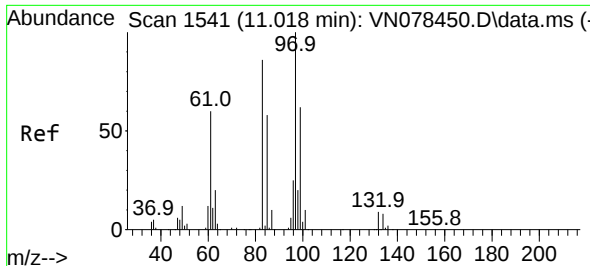


#54
cis-1,3-Dichloropropene
Concen: 20.707 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47



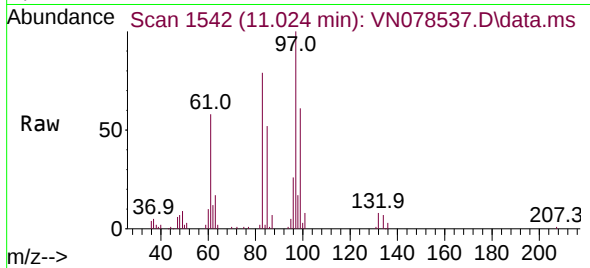
Tgt Ion: 75 Resp: 174200
Ion Ratio Lower Upper
75 100
77 32.6 26.1 39.1
39 44.6 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 21.318 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.006 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

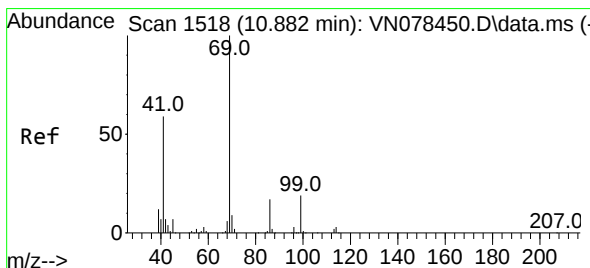
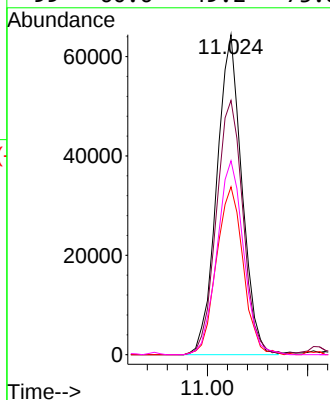
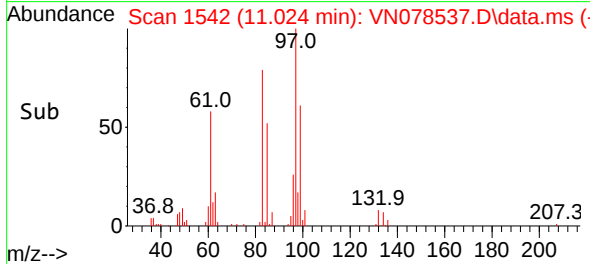
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



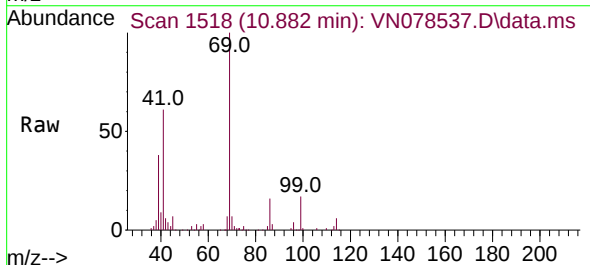
Tgt Ion:	97	Resp:	11222
Ion	Ratio	Lower	Upper
97	100		
83	79.4	65.1	97.7
85	52.4	43.4	65.2
99	60.6	49.2	73.8

Manual Integrations
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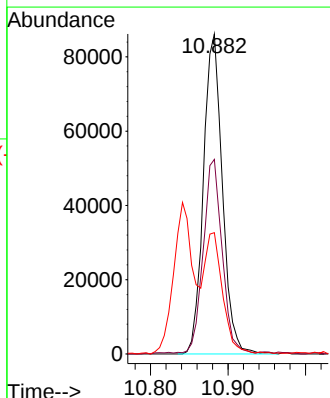
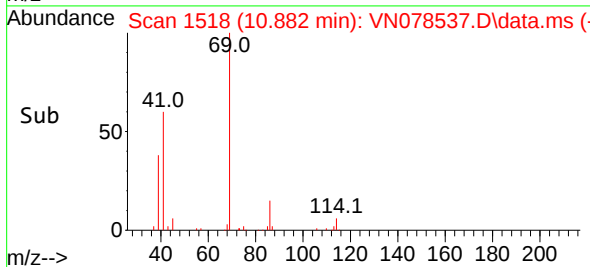
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

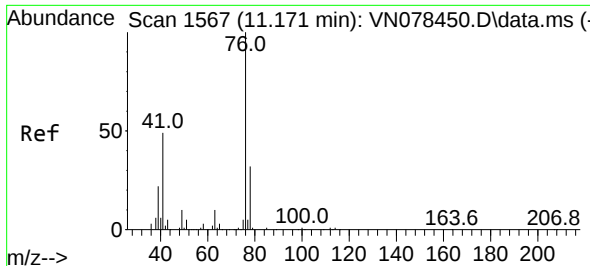


#56
Ethyl methacrylate
Concen: 19.867 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47



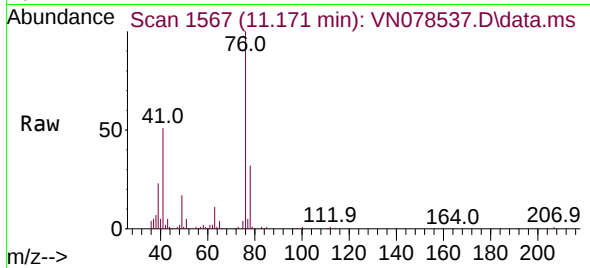
Tgt Ion:	69	Resp:	146201
Ion	Ratio	Lower	Upper
69	100		
41	59.9	39.6	59.4#
39	34.5	28.6	43.0





#57
1,3-Dichloropropane
Concen: 20.689 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

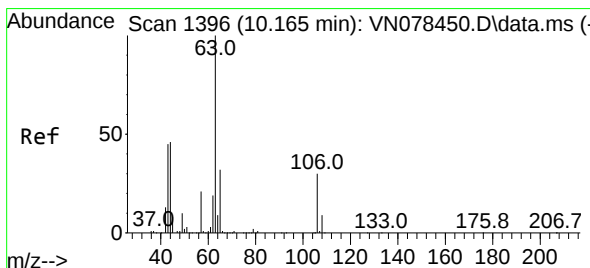
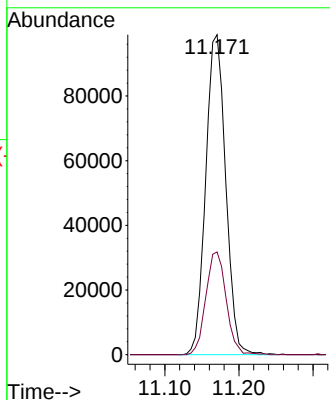
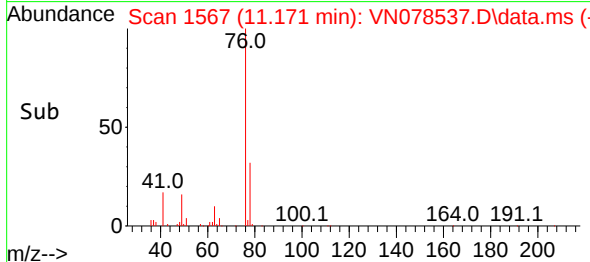
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



Tgt Ion: 76 Resp: 185184
Ion Ratio Lower Upper
76 100
78 32.7 26.1 39.1

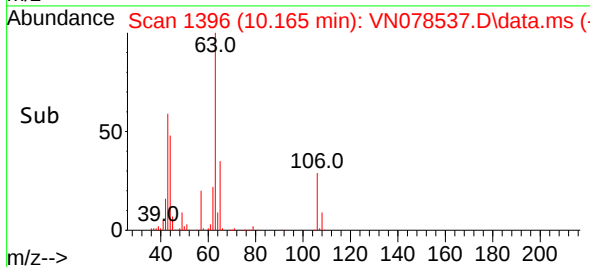
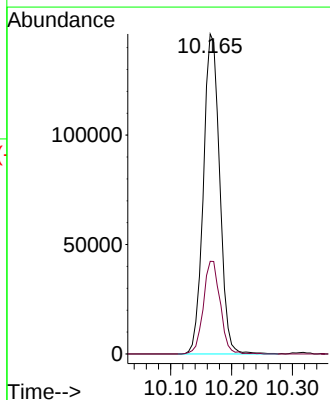
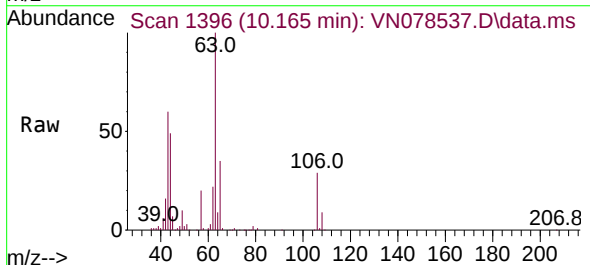
Manual Integrations
APPROVED

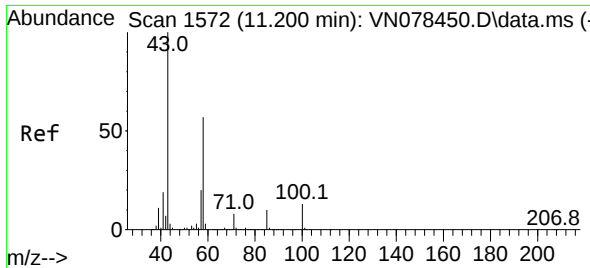
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#58
2-Chloroethyl Vinyl ether
Concen: 103.616 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

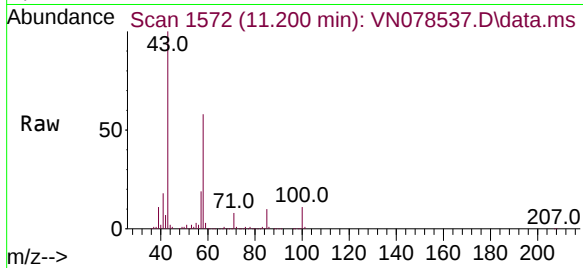
Tgt Ion: 63 Resp: 271733
Ion Ratio Lower Upper
63 100
106 29.9 26.2 39.4





#59
2-Hexanone
Concen: 102.809 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

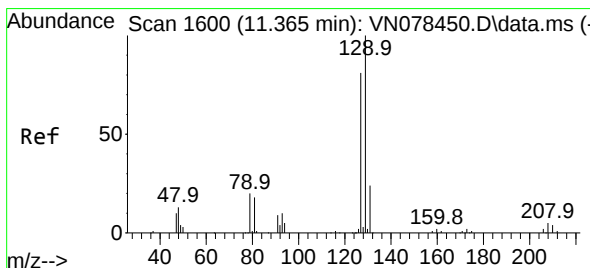
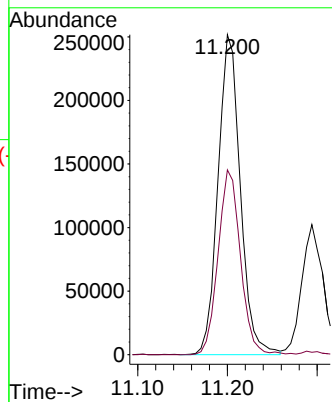
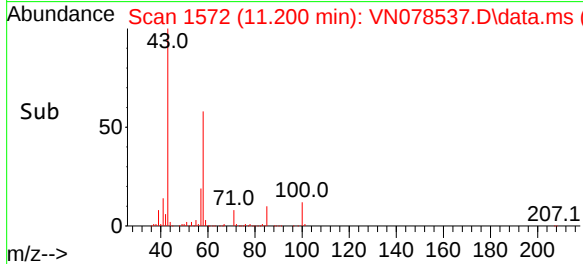
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



Tgt Ion: 43 Resp: 43405
Ion Ratio Lower Upper
43 100
58 58.1 31.7 95.1

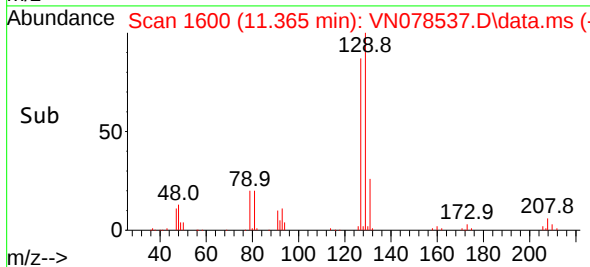
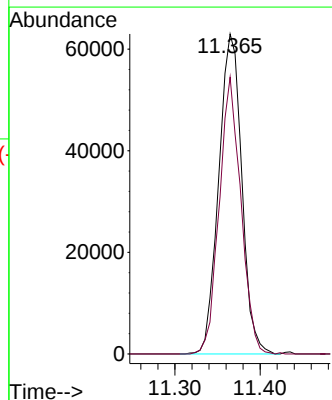
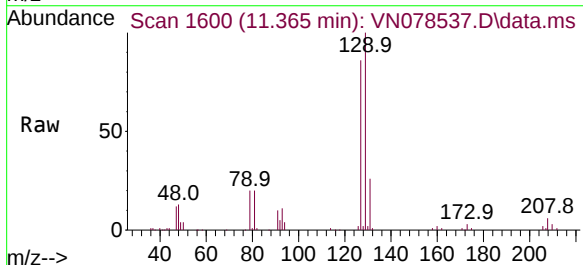
Manual Integrations
APPROVED

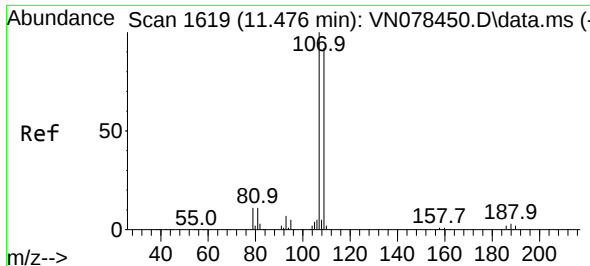
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#60
Dibromochloromethane
Concen: 20.306 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

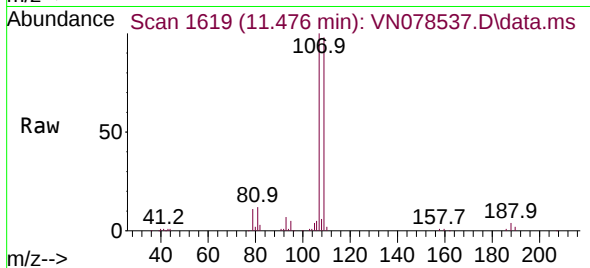
Tgt Ion:129 Resp: 118012
Ion Ratio Lower Upper
129 100
127 81.4 38.6 116.0





#61
1,2-Dibromoethane
Concen: 20.981 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

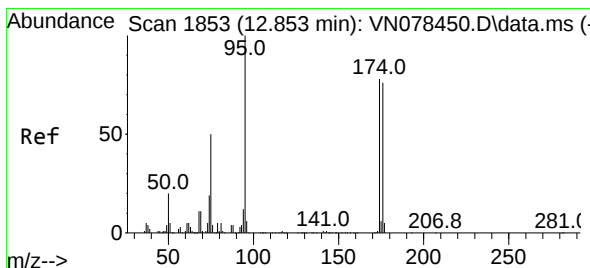
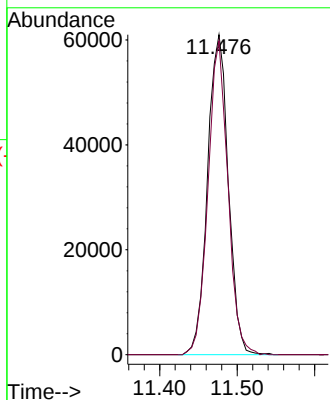
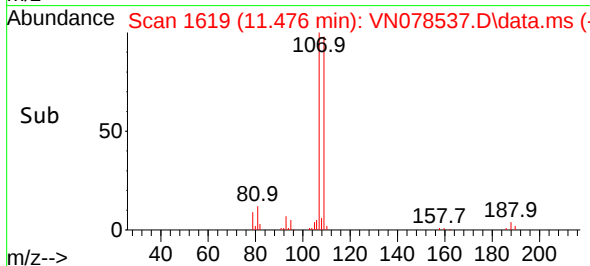
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



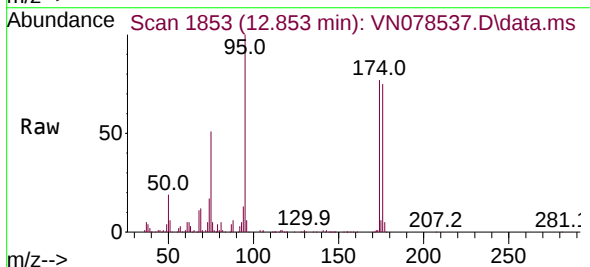
Tgt Ion:107 Resp: 113770
Ion Ratio Lower Upper
107 100
109 93.7 76.6 114.8

Manual Integrations
APPROVED

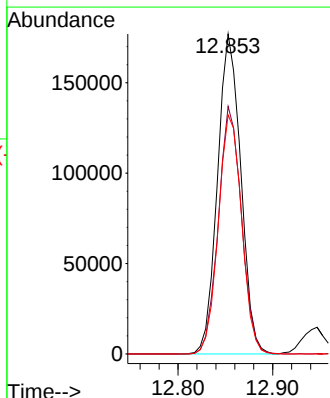
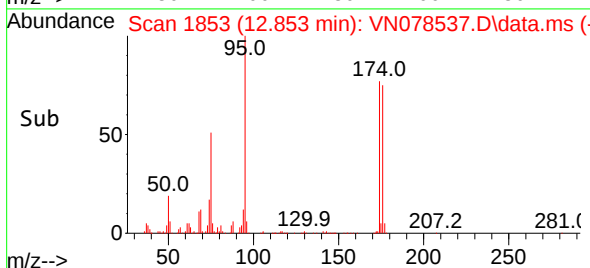
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

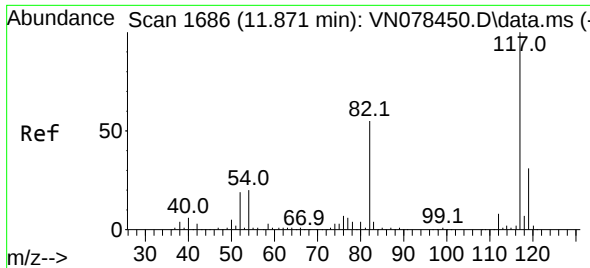


#62
4-Bromofluorobenzene
Concen: 51.538 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47



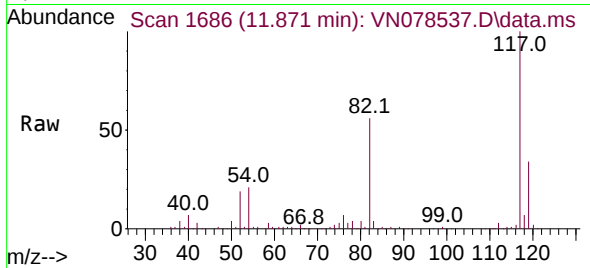
Tgt Ion: 95 Resp: 302230
Ion Ratio Lower Upper
95 100
174 76.7 0.0 143.8
176 74.8 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

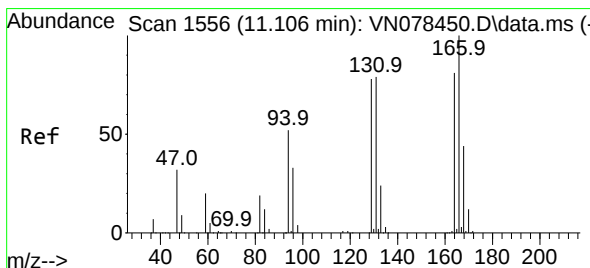
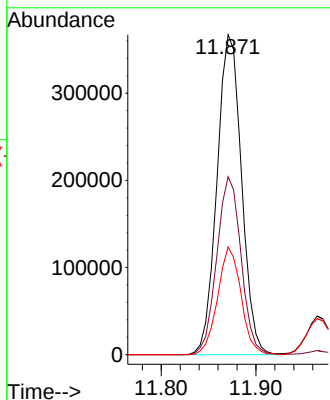
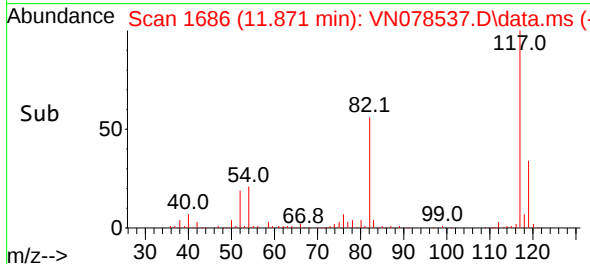
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



Tgt Ion:117 Resp: 662418
Ion Ratio Lower Upper
117 100
82 55.6 44.0 66.0
119 33.7 25.6 38.4

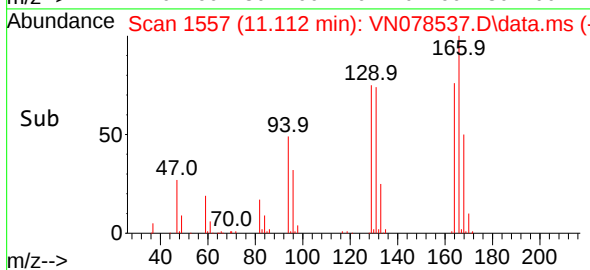
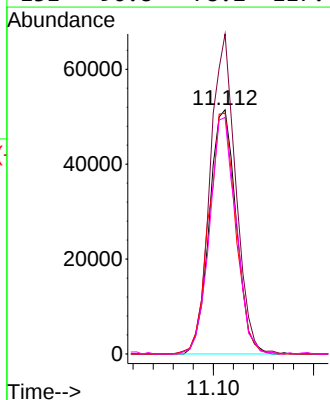
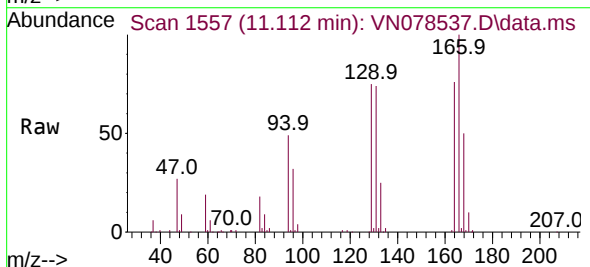
Manual Integrations
APPROVED

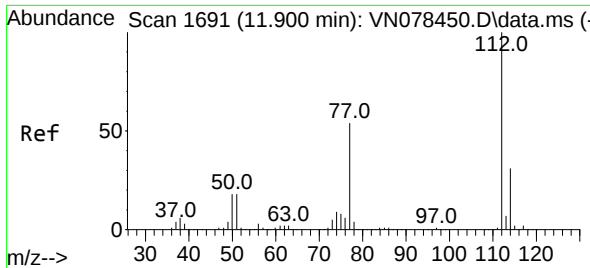
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#64
Tetrachloroethene
Concen: 19.111 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

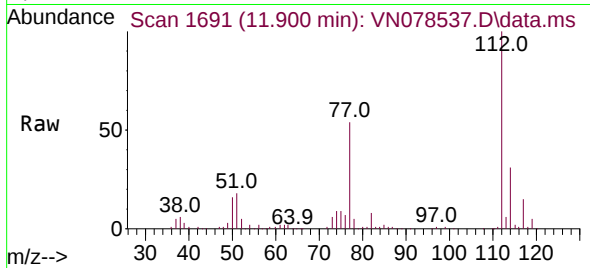
Tgt Ion:164 Resp: 95175
Ion Ratio Lower Upper
164 100
166 130.6 101.4 152.0
129 98.6 82.4 123.6
131 96.8 78.2 117.4





#65
Chlorobenzene
Concen: 19.286 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

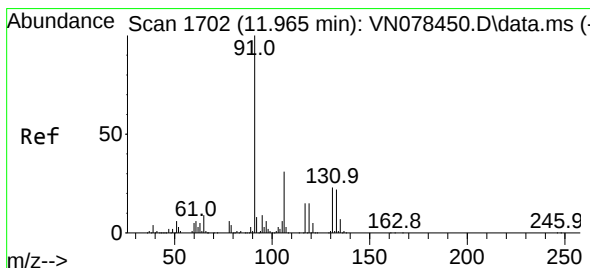
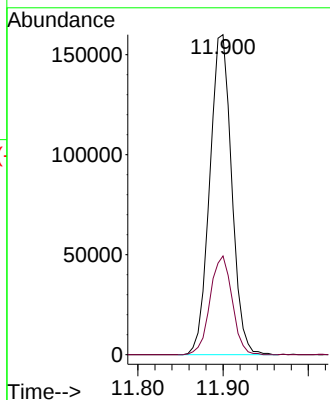
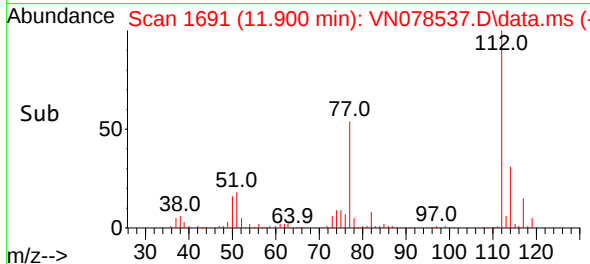
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



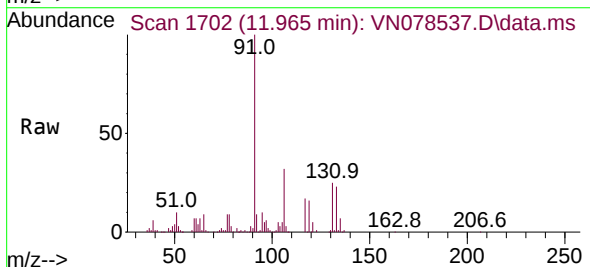
Tgt Ion:112 Resp: 28556
Ion Ratio Lower Upper
112 100
114 30.9 25.0 37.4

Manual Integrations
APPROVED

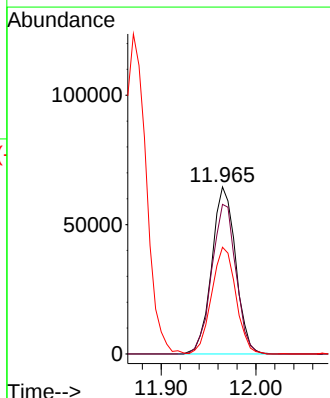
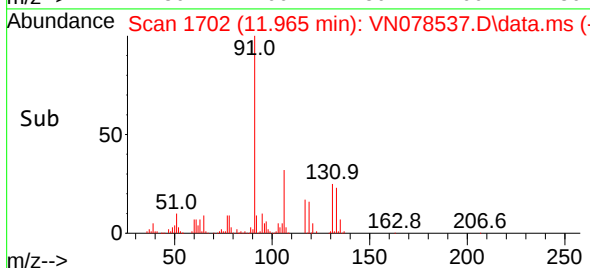
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

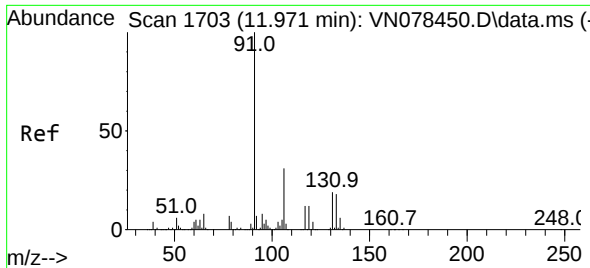


#66
1,1,1,2-Tetrachloroethane
Concen: 19.864 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47



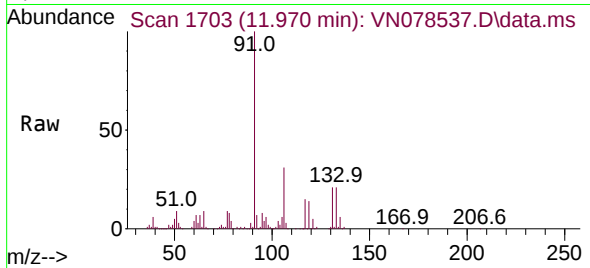
Tgt Ion:131 Resp: 113146
Ion Ratio Lower Upper
131 100
133 90.9 46.4 139.1
119 64.9 34.1 102.2





#67
Ethyl Benzene
Concen: 18.727 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

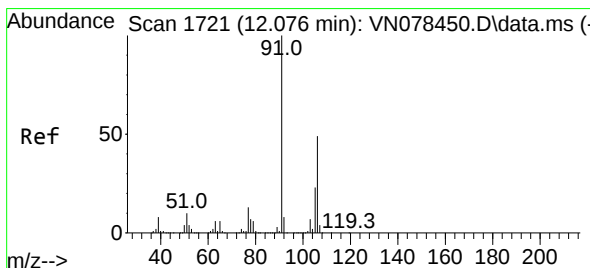
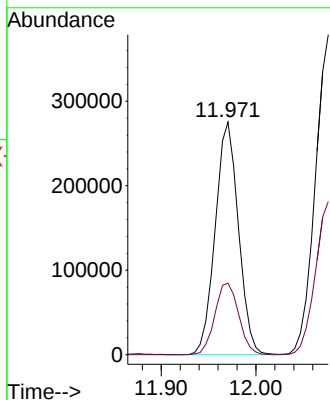
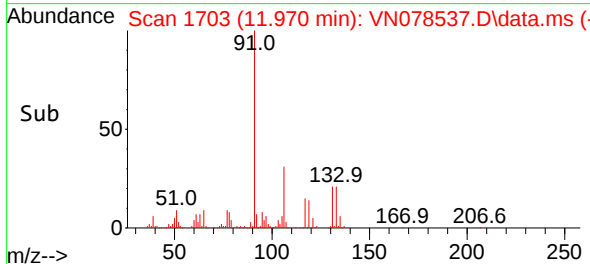
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



Tgt Ion: 91 Resp: 468690
Ion Ratio Lower Upper
91 100
106 30.7 25.6 38.4

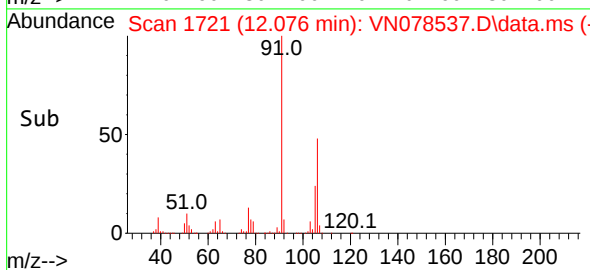
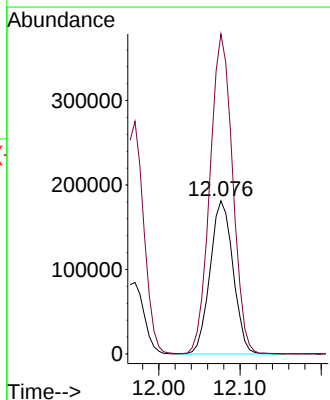
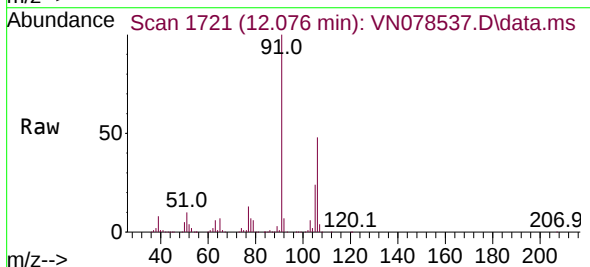
Manual Integrations
APPROVED

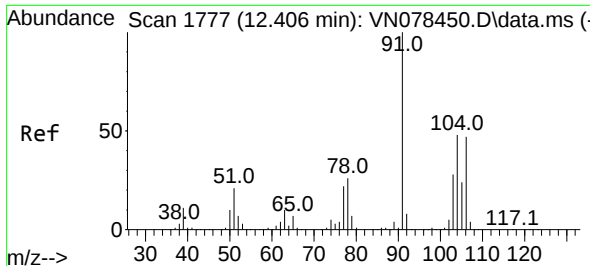
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#68
m/p-Xylenes
Concen: 38.525 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

Tgt Ion:106 Resp: 356497
Ion Ratio Lower Upper
106 100
91 206.5 159.6 239.4





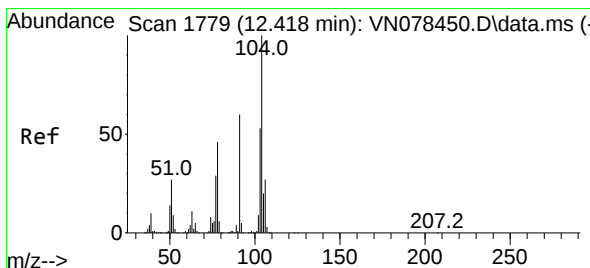
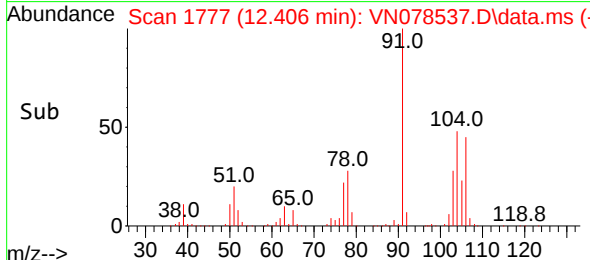
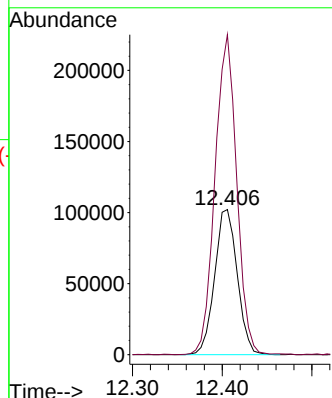
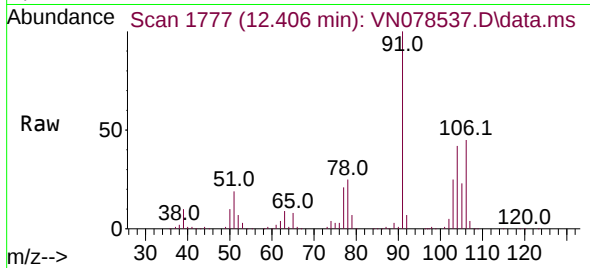
#69
o-Xylene
Concen: 19.128 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01

Tgt Ion:106 Resp: 178785
Ion Ratio Lower Upper
106 100
91 211.8 105.2 315.5

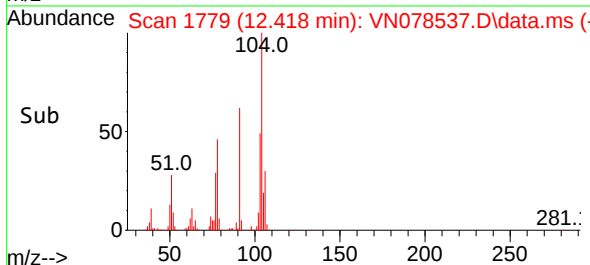
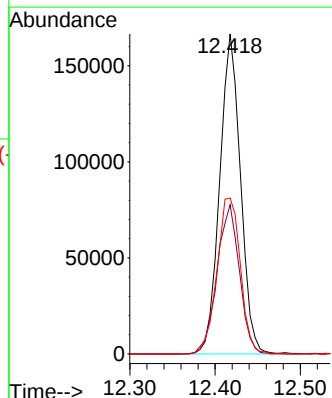
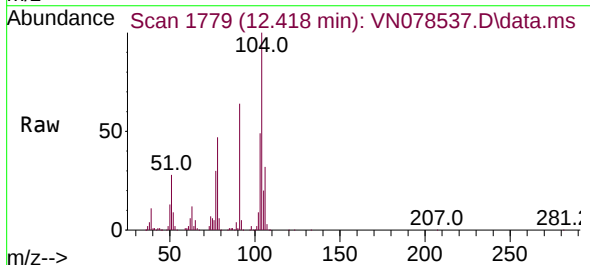
Manual Integrations
APPROVED

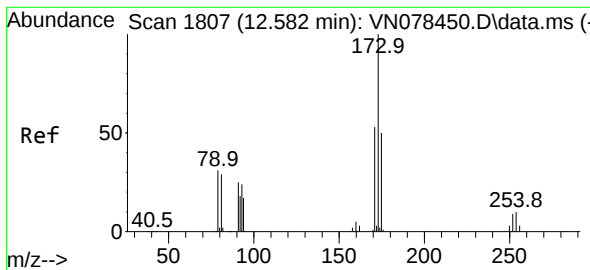
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#70
Styrene
Concen: 19.333 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

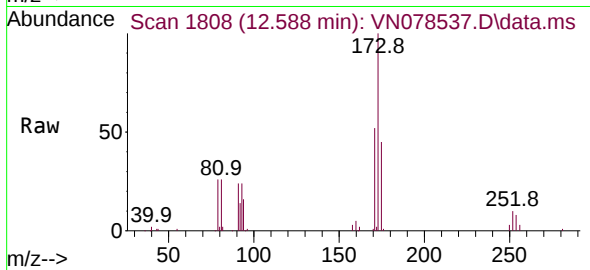
Tgt Ion:104 Resp: 282702
Ion Ratio Lower Upper
104 100
78 50.0 39.5 59.3
103 54.8 43.2 64.8





#71
Bromoform
Concen: 20.347 ug/l
RT: 12.588 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

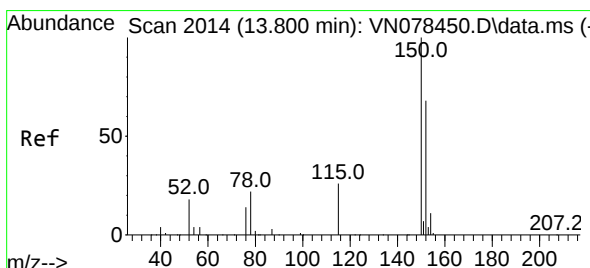
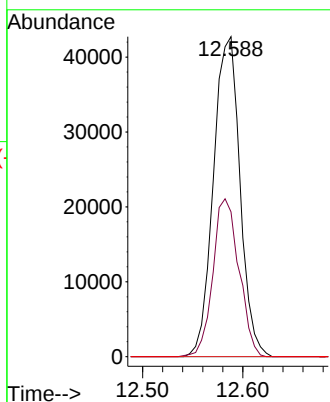
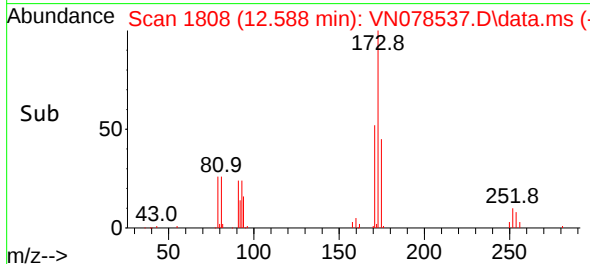
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



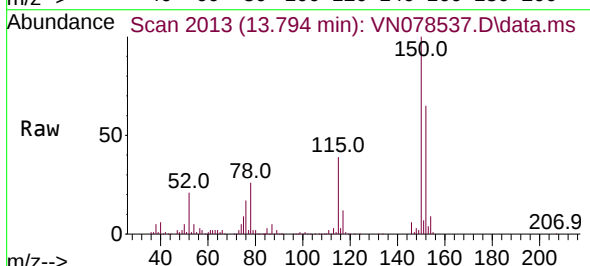
Tgt Ion:173 Resp: 7849
Ion Ratio Lower Upper
173 100
175 48.4 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

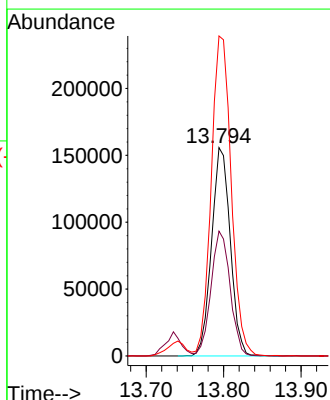
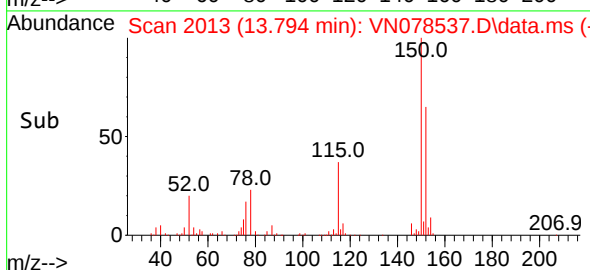
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

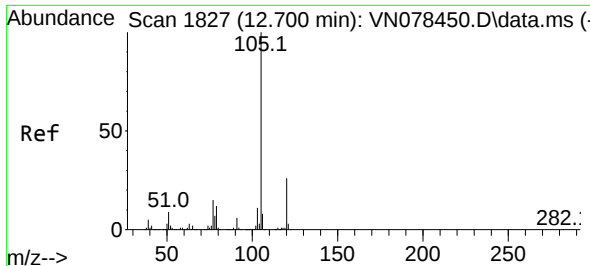


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47



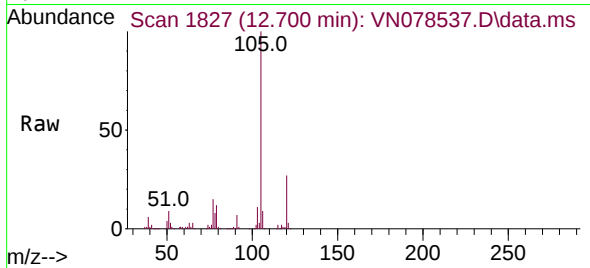
Tgt Ion:152 Resp: 261140
Ion Ratio Lower Upper
152 100
115 61.4 32.3 96.8
150 164.1 0.0 355.8





#73
Isopropylbenzene
Concen: 17.812 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

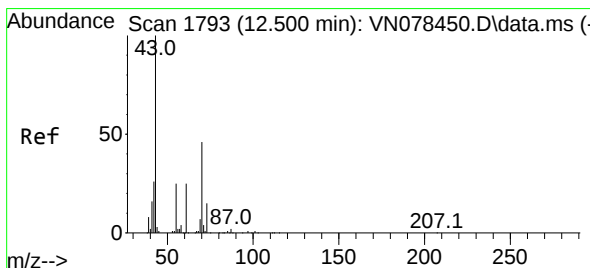
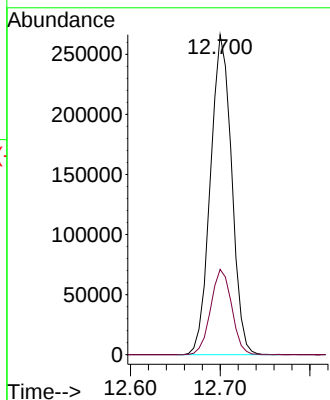
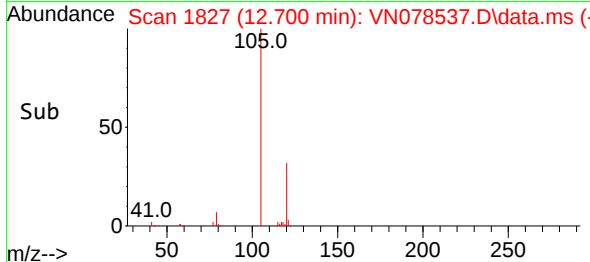
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



Tgt Ion:105 Resp: 437062
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.1

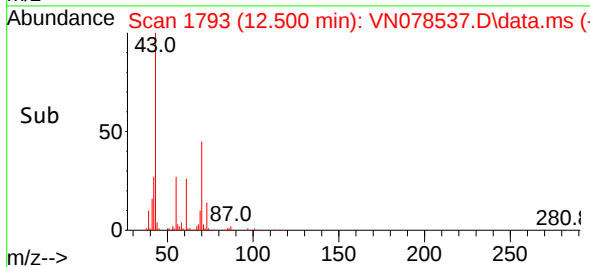
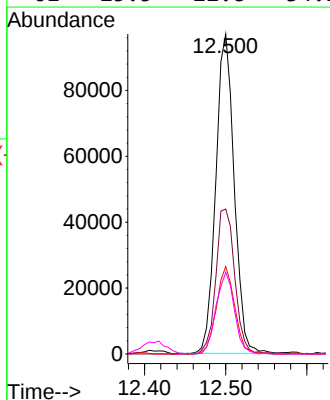
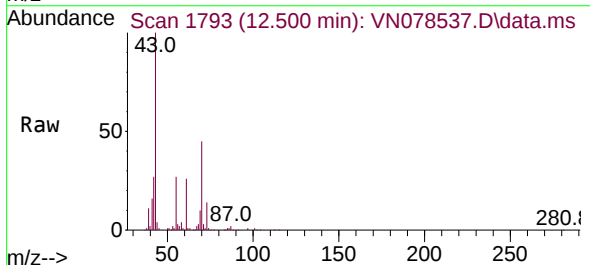
Manual Integrations
APPROVED

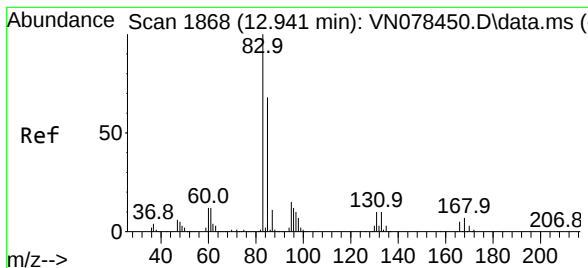
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#74
N-ethyl acetate
Concen: 18.049 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

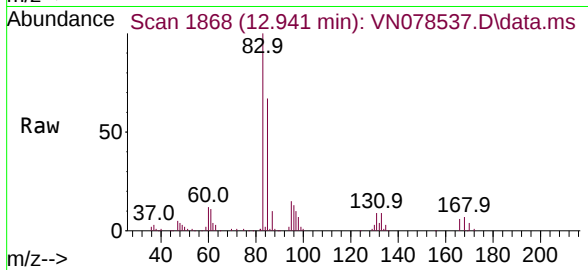
Tgt Ion: 43 Resp: 152624
Ion Ratio Lower Upper
43 100
70 46.8 43.4 65.2
55 27.4 21.4 32.0
61 25.5 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 20.778 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

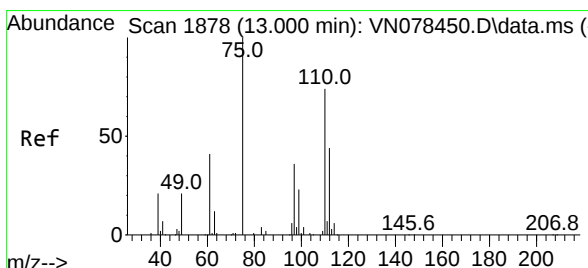
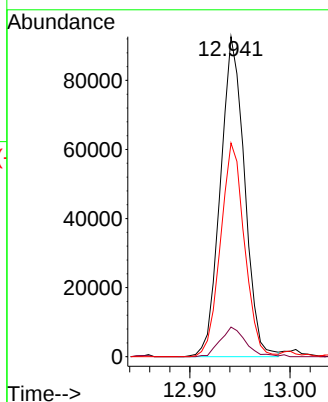
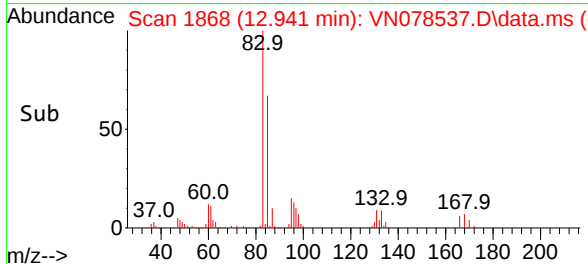
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



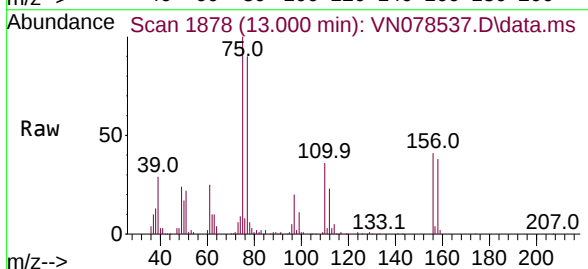
Tgt Ion: 83 Resp: 15480
Ion Ratio Lower Upper
83 100
131 9.8 5.0 15.0
85 66.1 31.9 95.7

Manual Integrations
APPROVED

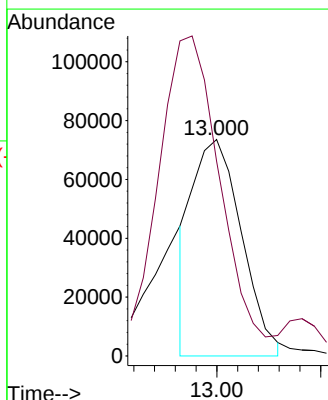
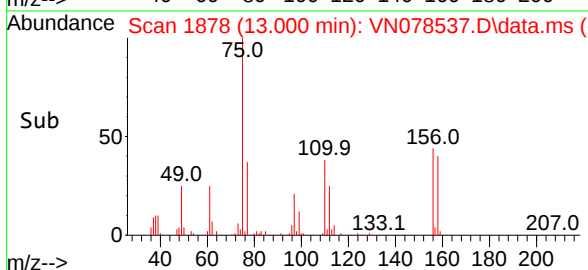
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

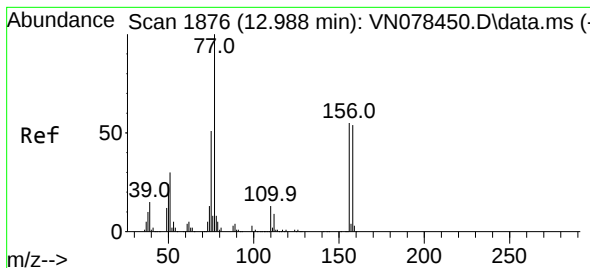


#76
1,2,3-Trichloropropane
Concen: 19.174 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47



Tgt Ion: 75 Resp: 121027
Ion Ratio Lower Upper
75 100
77 186.6 84.5 253.5





#77

Bromobenzene

Concen: 19.172 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VN078537.D

Acq: 17 Jul 2023 12:47

Instrument :

MSVOA_N

ClientSampleId :

VN0717WBSD01

Tgt Ion:156 Resp: 107388

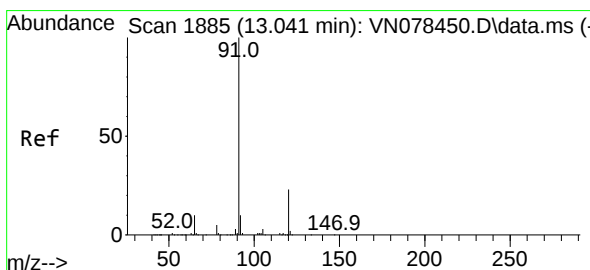
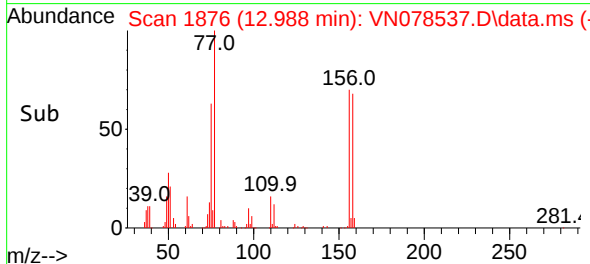
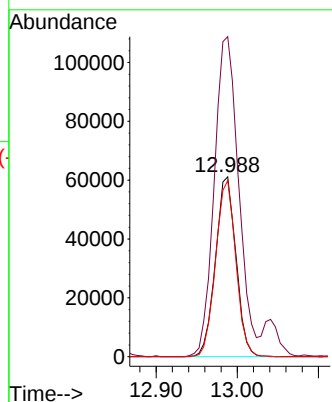
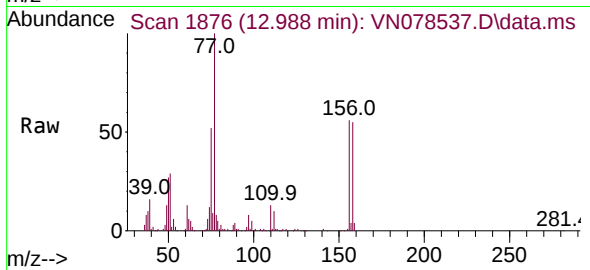
Ion	Ratio	Lower	Upper
156	100		
77	210.3	107.7	323.3
158	96.6	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#78

n-propylbenzene

Concen: 18.497 ug/l

RT: 13.041 min Scan# 1885

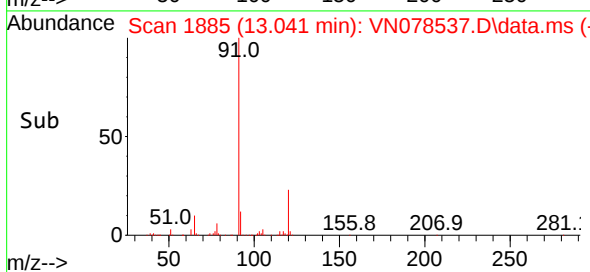
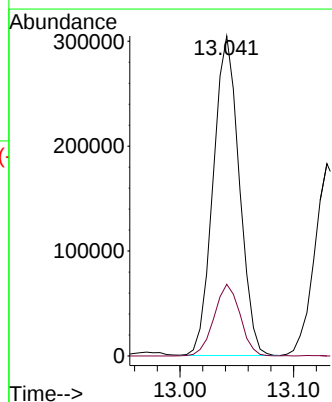
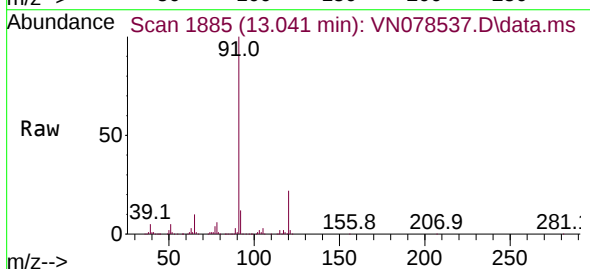
Delta R.T. 0.000 min

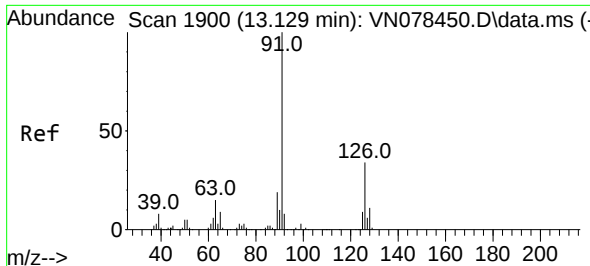
Lab File: VN078537.D

Acq: 17 Jul 2023 12:47

Tgt Ion: 91 Resp: 485384

Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.5	34.4





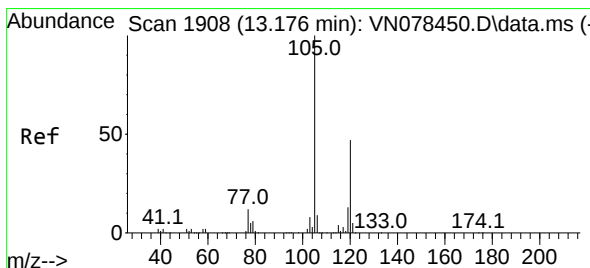
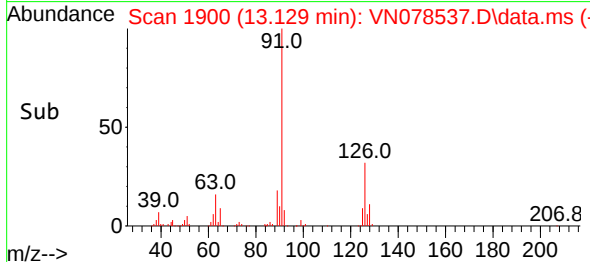
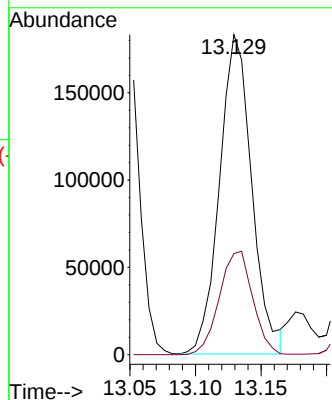
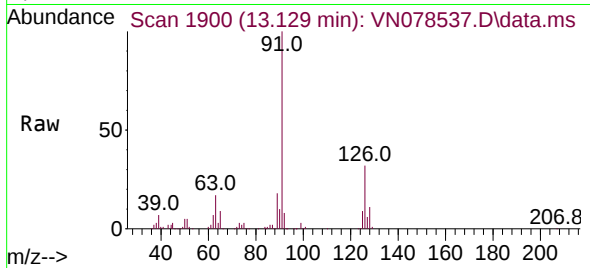
#79
2-Chlorotoluene
Concen: 18.207 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01

Tgt Ion: 91 Resp: 312964
Ion Ratio Lower Upper
91 100
126 33.6 16.3 48.8

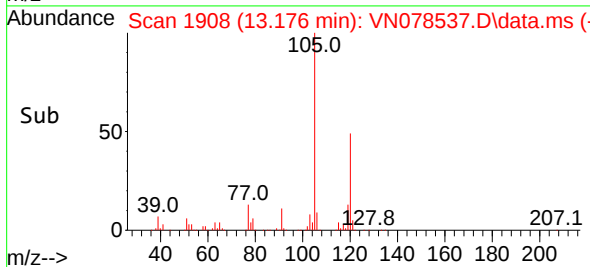
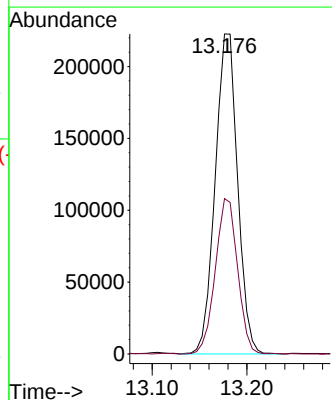
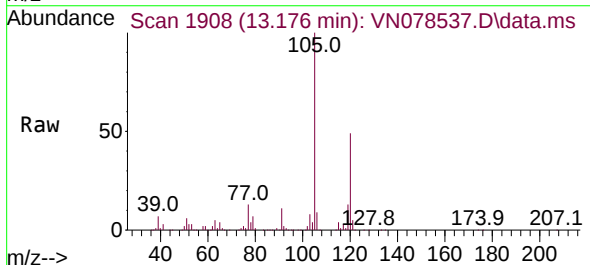
Manual Integrations
APPROVED

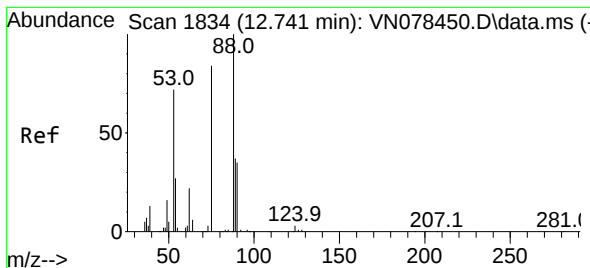
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#80
1,3,5-Trimethylbenzene
Concen: 18.923 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

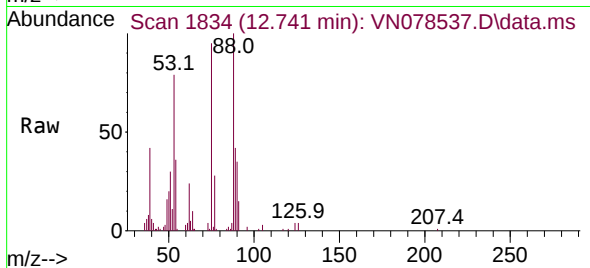
Tgt Ion:105 Resp: 366887
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.668 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

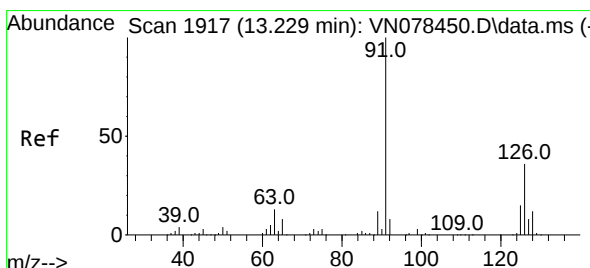
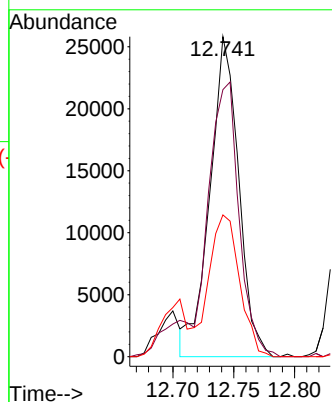
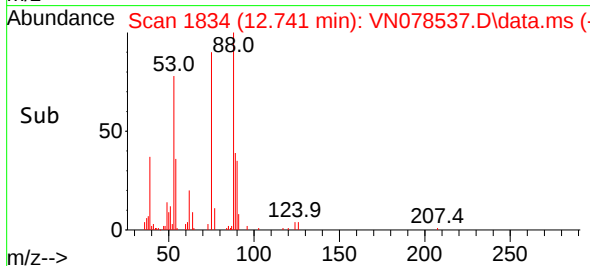
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



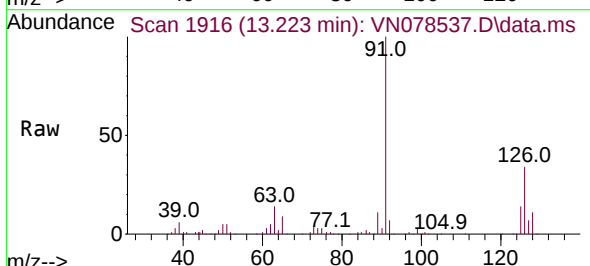
Tgt Ion: 75 Resp: 42440
Ion Ratio Lower Upper
75 100
53 101.9 67.4 101.2
89 46.5 38.8 58.2

Manual Integrations
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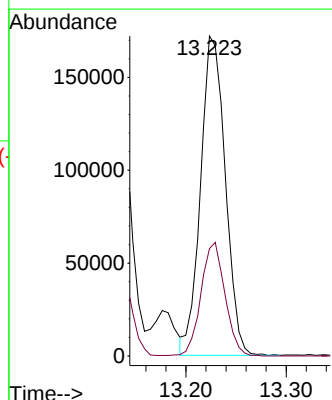
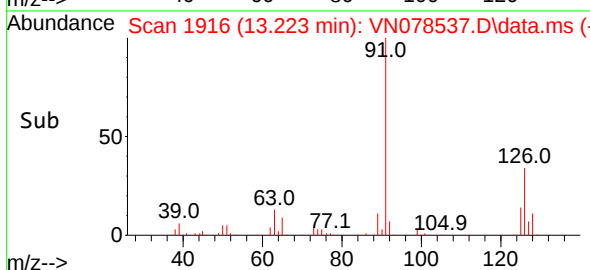
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

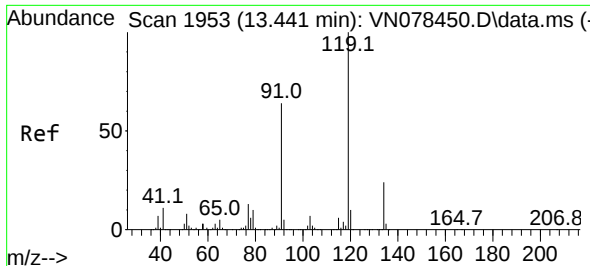


#82
4-Chlorotoluene
Concen: 18.389 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47



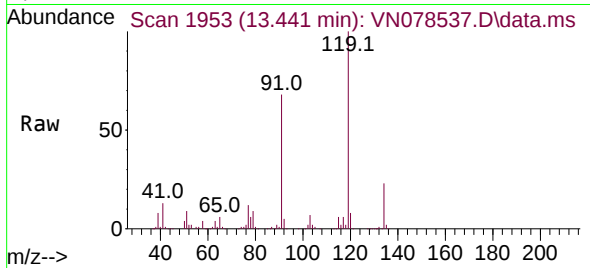
Tgt Ion: 91 Resp: 294868
Ion Ratio Lower Upper
91 100
126 34.6 16.7 50.0





#83
tert-Butylbenzene
Concen: 18.375 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

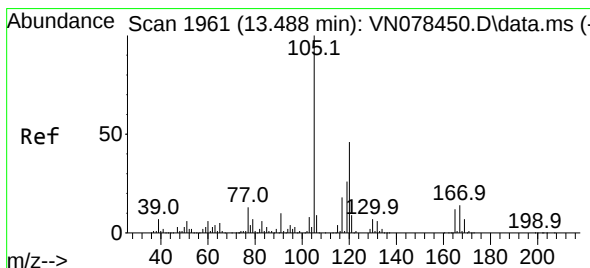
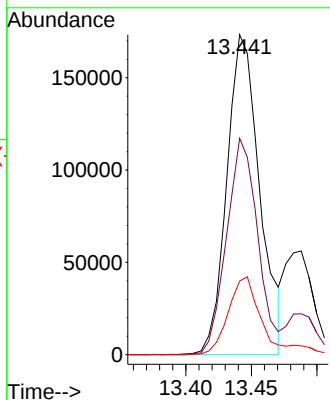
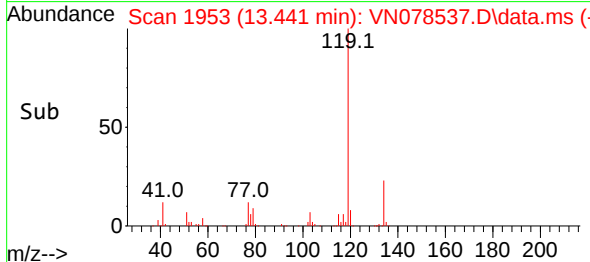
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



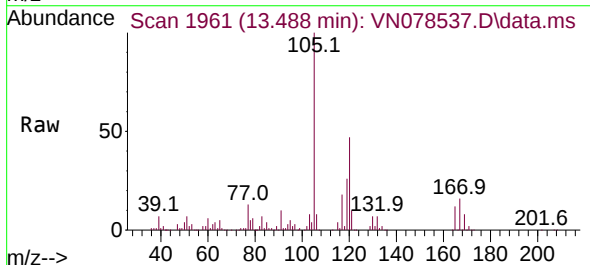
Tgt Ion:119 Resp: 302460
Ion Ratio Lower Upper
119 100
91 64.4 33.9 101.7
134 25.3 13.2 39.6

Manual Integrations
APPROVED

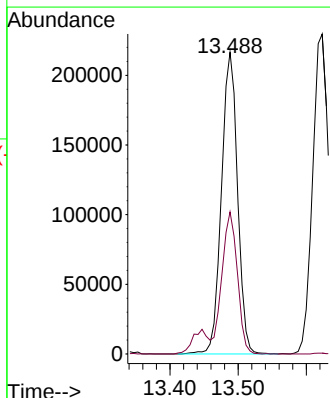
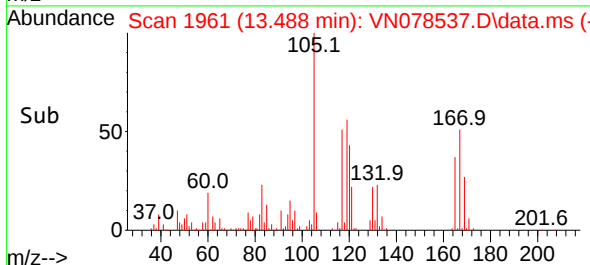
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

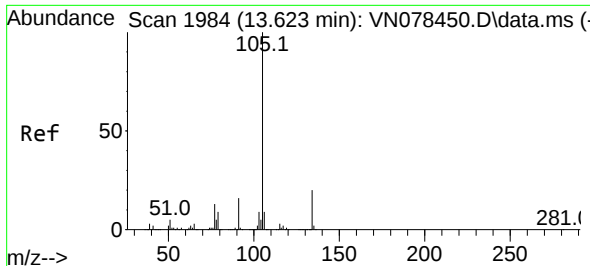


#84
1,2,4-Trimethylbenzene
Concen: 18.891 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47



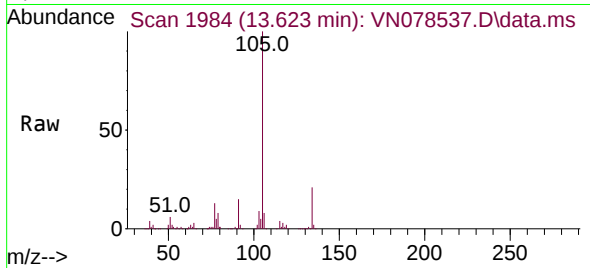
Tgt Ion:105 Resp: 355762
Ion Ratio Lower Upper
105 100
120 45.4 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 18.392 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078537.D
 Acq: 17 Jul 2023 12:47

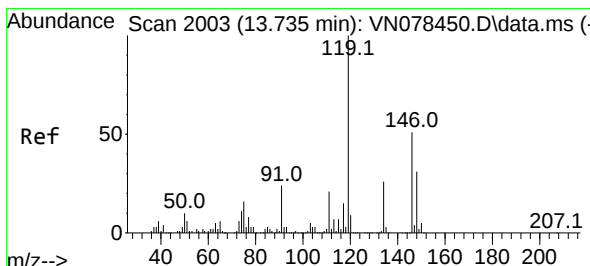
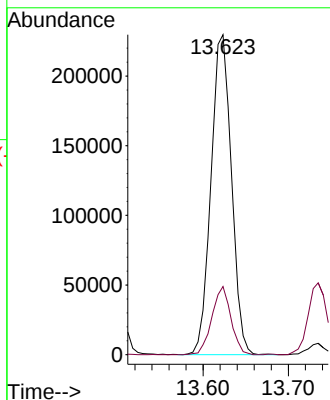
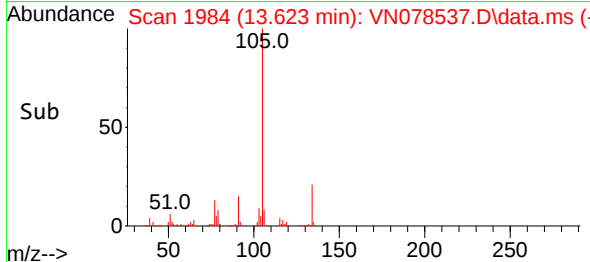
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0717WBSD01



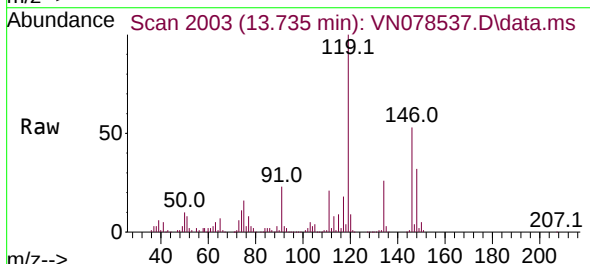
Tgt Ion:105 Resp: 38265
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3

Manual Integrations
 APPROVED

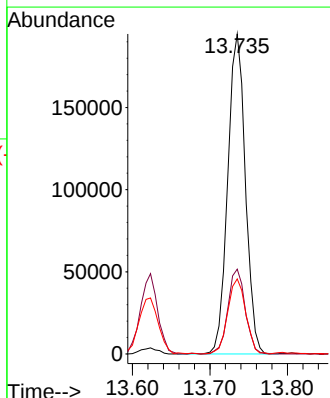
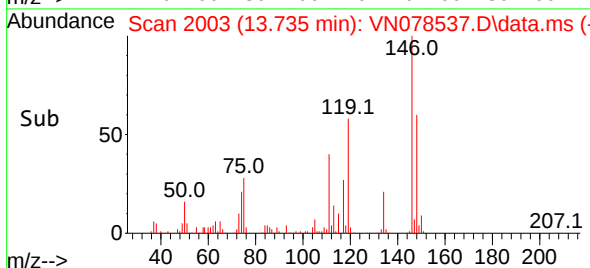
Reviewed By :John Carlone 07/18/2023
 Supervised By :Mahesh Dadoda 07/18/2023

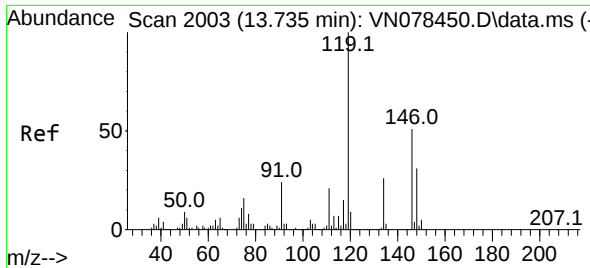


#86
 p-Isopropyltoluene
 Concen: 18.481 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078537.D
 Acq: 17 Jul 2023 12:47



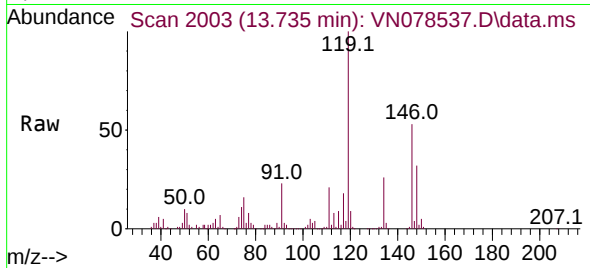
Tgt Ion:119 Resp: 308756
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.6 37.8
 91 24.0 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 18.688 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

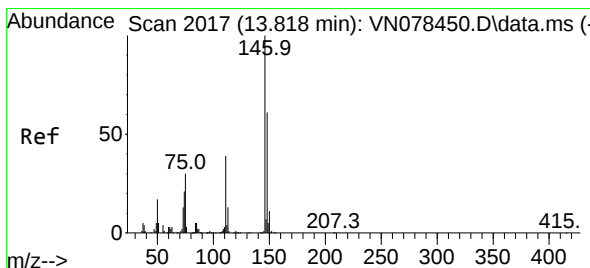
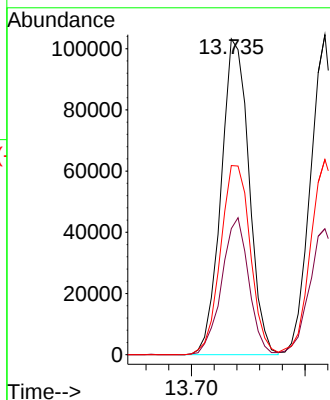
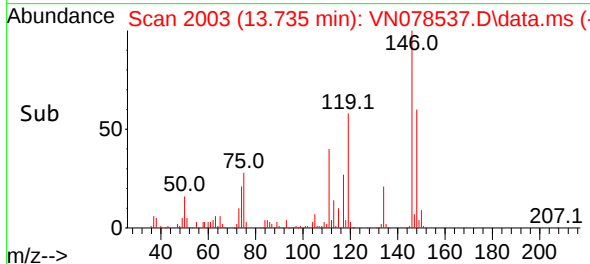
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



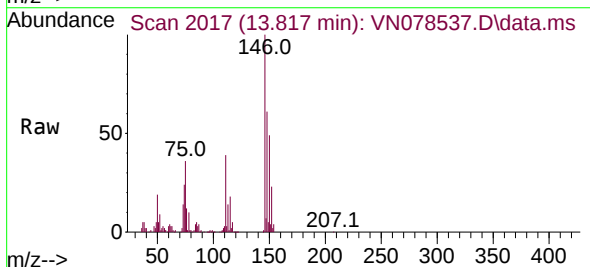
Tgt Ion:146 Resp: 17604
Ion Ratio Lower Upper
146 100
111 42.1 22.1 66.3
148 64.1 32.0 96.0

Manual Integrations
APPROVED

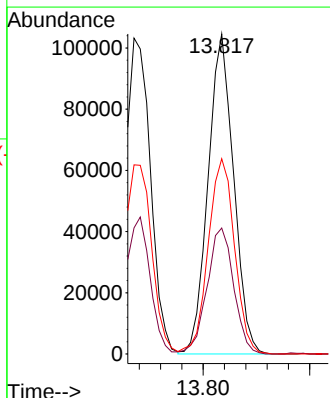
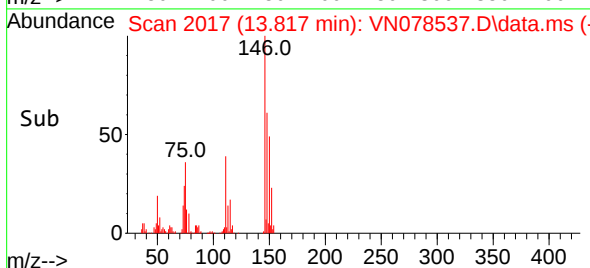
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

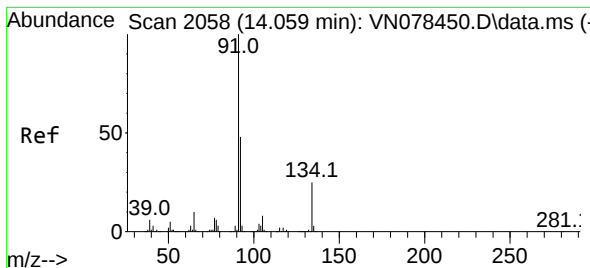


#88
1,4-Dichlorobenzene
Concen: 18.343 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47



Tgt Ion:146 Resp: 174039
Ion Ratio Lower Upper
146 100
111 41.0 20.6 61.8
148 63.0 31.6 94.8





#89

n-Butylbenzene

Concen: 19.115 ug/l

RT: 14.064 min Scan# 2059

Delta R.T. 0.005 min

Lab File: VN078537.D

Acq: 17 Jul 2023 12:47

Instrument :

MSVOA_N

ClientSampleId :

VN0717WBSD01

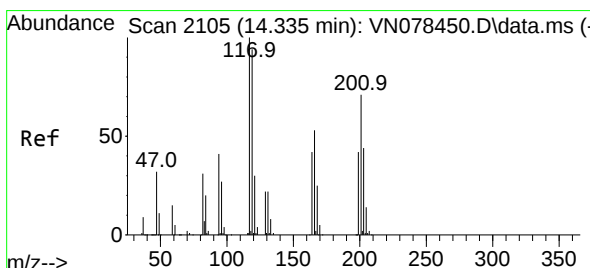
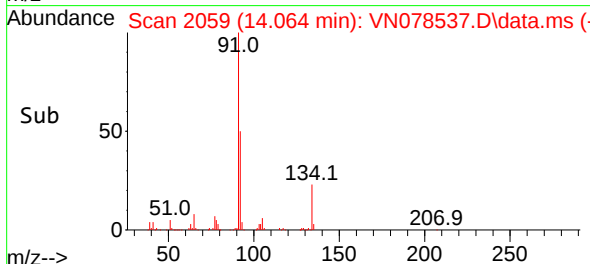
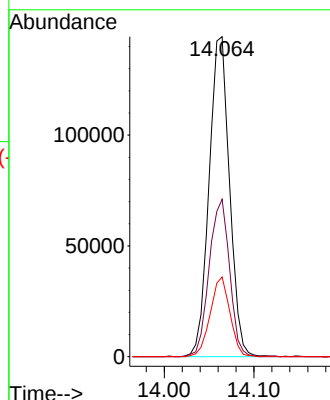
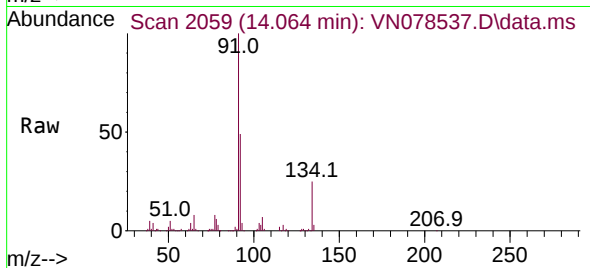
Tgt Ion:	91	Resp:	22849
Ion Ratio	Lower	Upper	
91	100		
92	49.0	26.4	79.0
134	24.0	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#90

Hexachloroethane

Concen: 19.317 ug/l

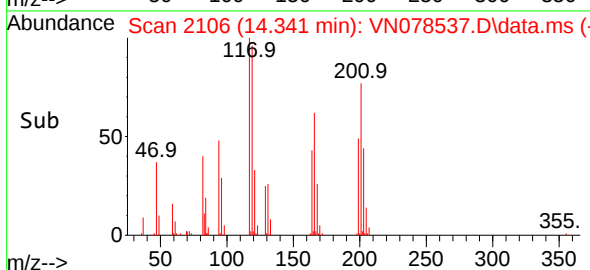
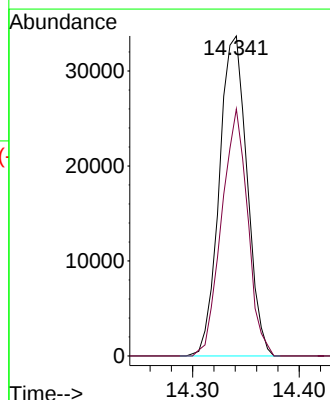
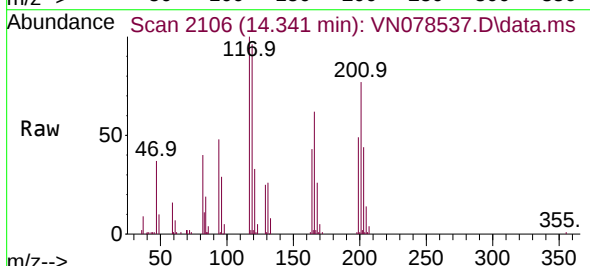
RT: 14.341 min Scan# 2106

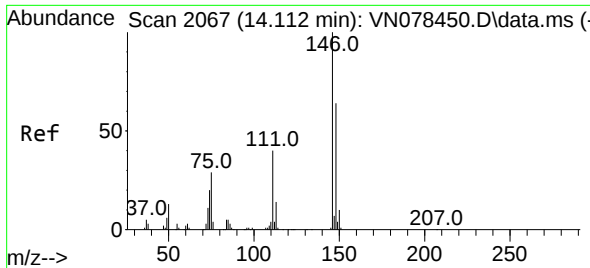
Delta R.T. 0.006 min

Lab File: VN078537.D

Acq: 17 Jul 2023 12:47

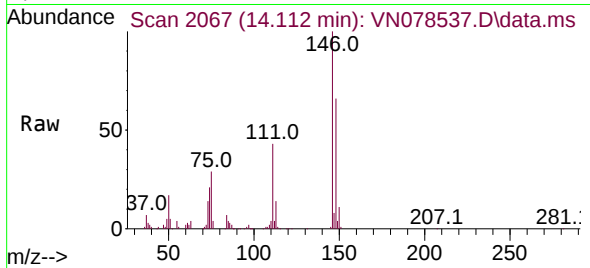
Tgt Ion:	117	Resp:	60854
Ion Ratio	Lower	Upper	
117	100		
201	72.6	29.3	88.0





#91
1,2-Dichlorobenzene
Concen: 18.780 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

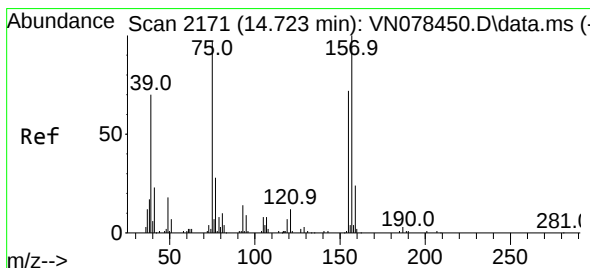
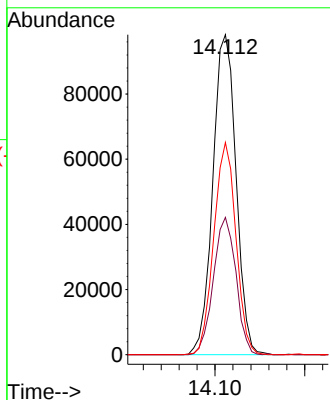
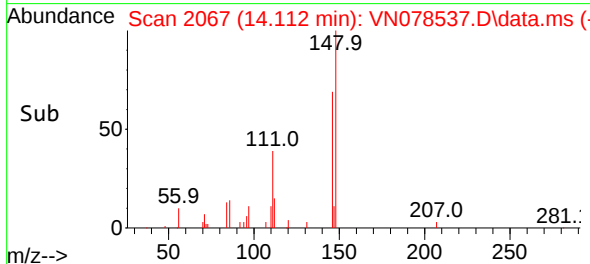
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



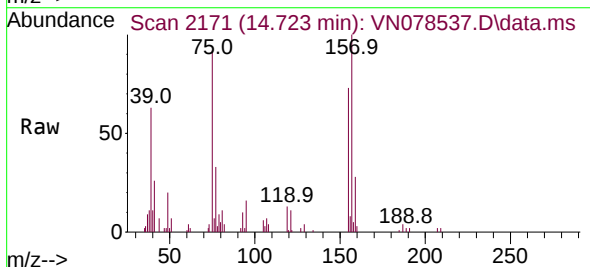
Tgt Ion:146 Resp: 176058
Ion Ratio Lower Upper
146 100
111 41.8 22.0 66.0
148 63.4 31.8 95.3

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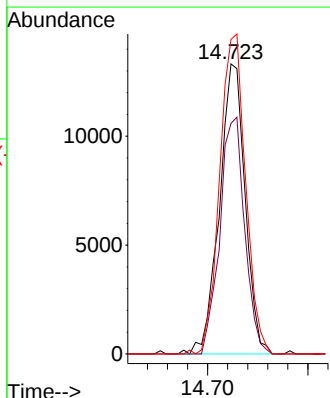
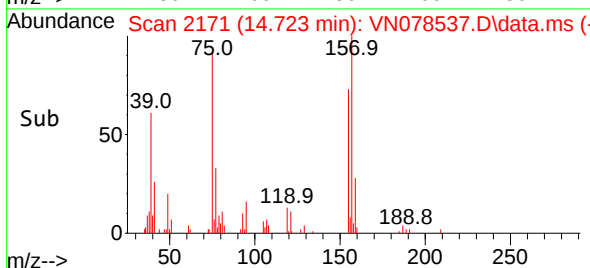
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

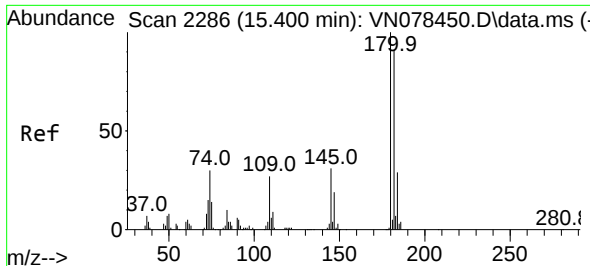


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.935 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47



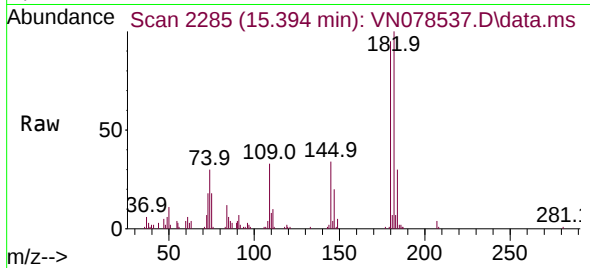
Tgt Ion: 75 Resp: 23644
Ion Ratio Lower Upper
75 100
155 78.7 39.1 117.2
157 111.0 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 15.602 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

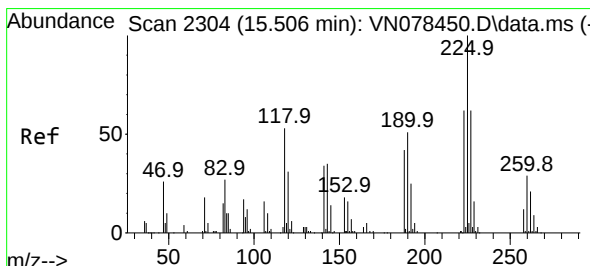
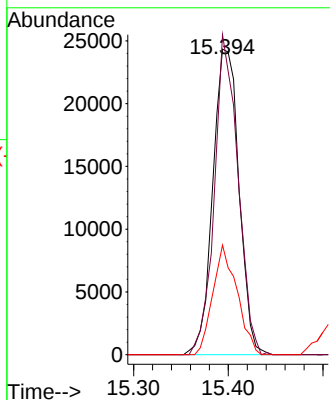
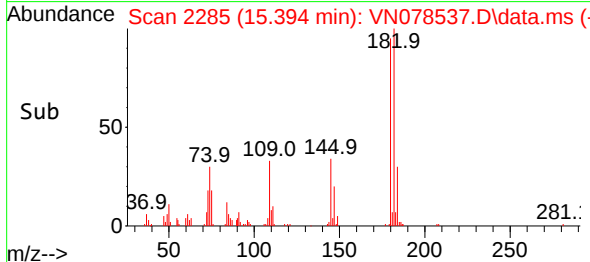
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



Tgt Ion:180 Resp: 46679
Ion Ratio Lower Upper
180 100
182 94.5 46.1 138.2
145 33.2 16.6 49.8

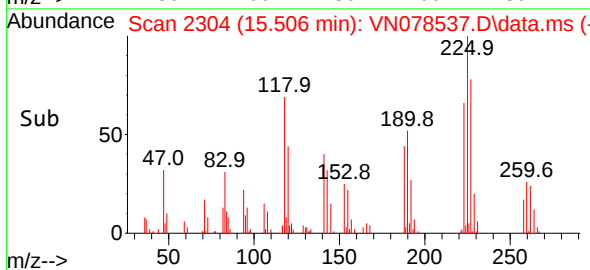
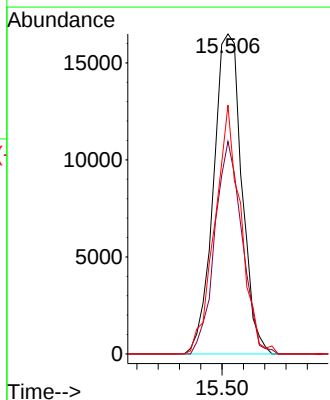
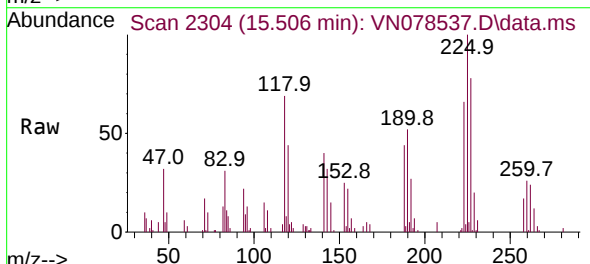
Manual Integrations
APPROVED

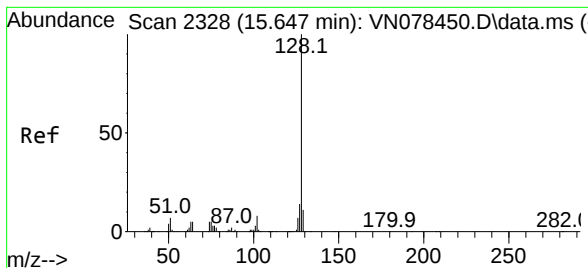
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#94
Hexachlorobutadiene
Concen: 16.947 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

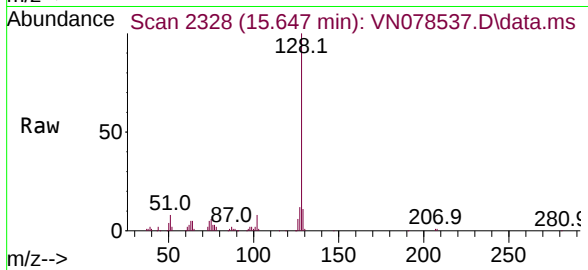
Tgt Ion:225 Resp: 30465
Ion Ratio Lower Upper
225 100
223 64.0 31.3 93.8
227 70.9 31.9 95.9





#95
Naphthalene
Concen: 13.581 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47

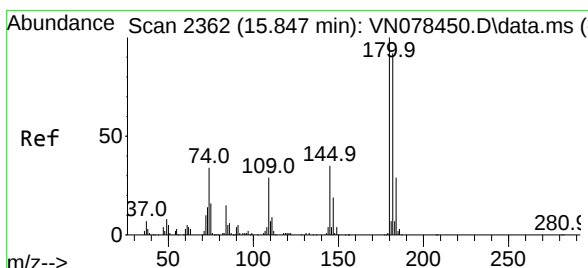
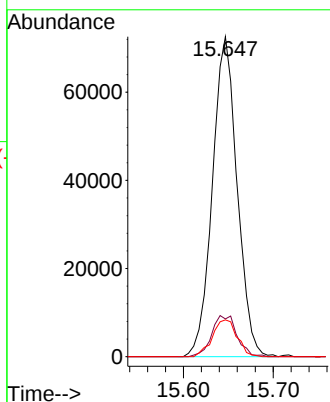
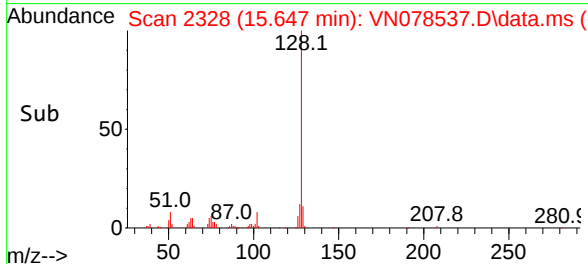
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



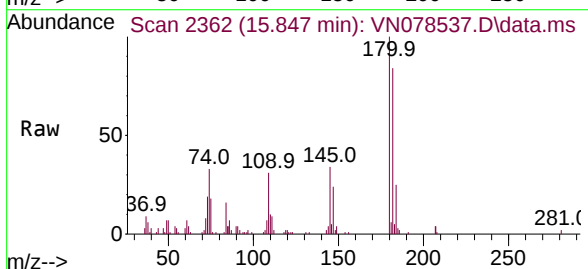
Tgt Ion:128 Resp: 138910
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 11.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#96
1,2,3-Trichlorobenzene
Concen: 16.271 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078537.D
Acq: 17 Jul 2023 12:47



Tgt Ion:180 Resp: 55976
Ion Ratio Lower Upper
180 100
182 94.2 46.2 138.6
145 32.6 17.5 52.6

