

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072123\
 Data File : VN078605.D
 Acq On : 21 Jul 2023 11:35
 Operator : JC\MD
 Sample : VN0721MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721MBL01

Quant Time: Jul 21 23:19:16 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	8.230	168	431298	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	764447	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	704559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	249706	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	277590	48.009	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.020%
35) Dibromofluoromethane	8.177	113	275804	53.149	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.300%
50) Toluene-d8	10.571	98	906436	46.238	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.480%
62) 4-Bromofluorobenzene	12.853	95	307505	50.925	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.860%

Target Compounds				Qvalue		
3) Chloromethane	2.371	50	2209	0.384	ug/l	91
5) Bromomethane	2.971	94	4853	Below Cal	#	74
6) Chloroethane	3.195	64	832	Below Cal	#	54
10) Methyl Iodide	4.624	142	4486	0.694	ug/l #	80
11) Tert butyl alcohol	5.506	59	594	0.666	ug/l #	72
13) Acrolein	4.206	56	1215	1.385	ug/l #	16
15) Acrylonitrile	5.742	53	1862	0.827	ug/l #	77
16) Acetone	4.448	43	874	0.485	ug/l #	70
17) Carbon Disulfide	4.718	76	7422	0.564	ug/l #	75
20) Methylene Chloride	5.271	84	741	Below Cal	#	72
25) 2-Butanone	7.512	43	2234	0.788	ug/l #	65
29) Tetrahydrofuran	7.865	42	1077	0.579	ug/l #	47
31) Cyclohexane	8.230	56	10821	1.385	ug/l #	19
36) 1,1-Dichloropropene	8.230	75	34535	4.609	ug/l #	49
38) Carbon Tetrachloride	8.230	117	48199	5.919	ug/l #	15
39) Methylcyclohexane	9.612	83	1560	0.228	ug/l #	73
43) Isopropyl Acetate	8.747	43	6112	0.594	ug/l #	49
48) Methyl methacrylate	9.683	41	1077	0.226	ug/l #	43
49) 1,4-Dioxane	9.694	88	122	1.174	ug/l #	1
51) 4-Methyl-2-Pentanone	10.453	43	4743	0.775	ug/l #	77
56) Ethyl methacrylate	10.888	69	1712	0.226	ug/l #	78
58) 2-Chloroethyl Vinyl ether	10.165	63	1785	0.661	ug/l #	51
59) 2-Hexanone	11.212	43	7059	1.624	ug/l	82
65) Chlorobenzene	11.900	112	3767	0.239	ug/l #	85
68) m/p-Xylenes	12.077	106	2376	0.241	ug/l #	67
74) N-amyl acetate	12.506	43	2894	0.358	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.953	83	2121	Below Cal		99
76) 1,2,3-Trichloropropane	12.853	75	162396	26.906	ug/l #	1
77) Bromobenzene	12.988	156	1868	Below Cal		90
78) n-propylbenzene	13.035	91	5041	0.201	ug/l	97
79) 2-Chlorotoluene	13.129	91	3927	0.239	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	4393	0.237	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.853	75	162396	70.704	ug/l #	15
82) 4-Chlorotoluene	13.229	91	4984	0.325	ug/l	98
83) tert-Butylbenzene	13.453	119	3509	0.223	ug/l #	61
84) 1,2,4-Trimethylbenzene	13.488	105	5027	0.279	ug/l	99

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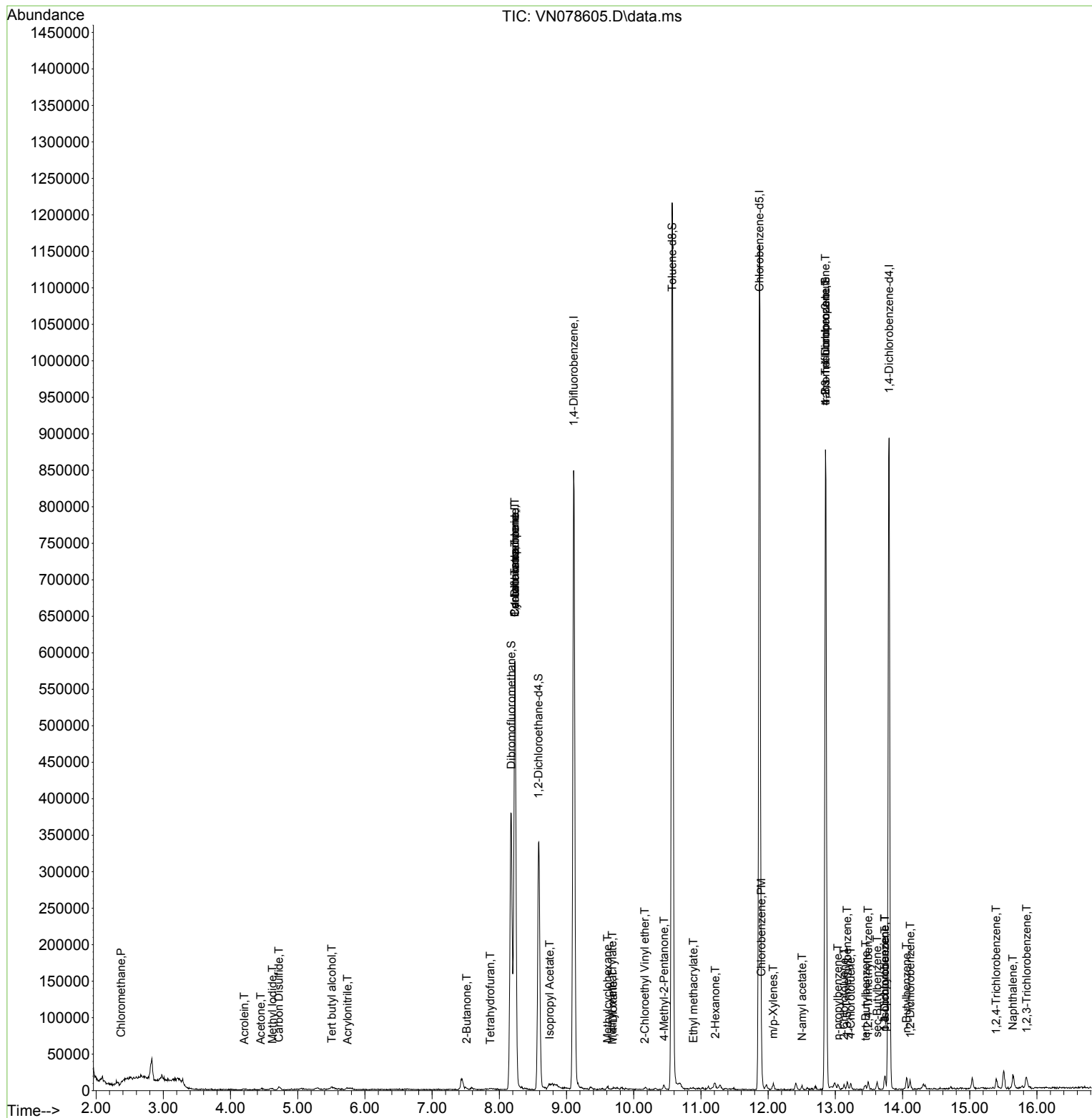
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

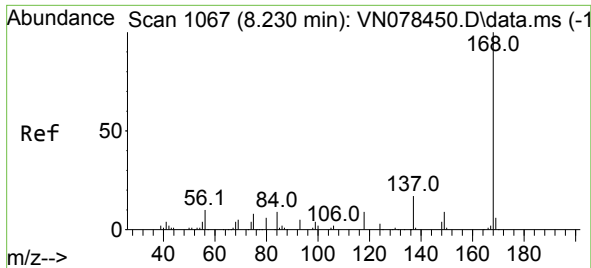
85) sec-Butylbenzene	13.623	105	6778	0.341	ug/l	91
86) p-Isopropyltoluene	13.735	119	6374	0.399	ug/l	92
87) 1,3-Dichlorobenzene	13.735	146	4157	0.462	ug/l	85
88) 1,4-Dichlorobenzene	13.735	146	4157	0.458	ug/l	86
89) n-Butylbenzene	14.059	91	9981	0.873	ug/l	97
90) Hexachloroethane	14.329	117	1081	Below Cal		87
91) 1,2-Dichlorobenzene	14.118	146	4350	0.485	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.723	75	1191	Below Cal		73
93) 1,2,4-Trichlorobenzene	15.394	180	4212	1.472	ug/l	92
94) Hexachlorobutadiene	15.506	225	5148	Below Cal		96
95) Naphthalene	15.641	128	16270	1.664	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.847	180	6542	1.989	ug/l	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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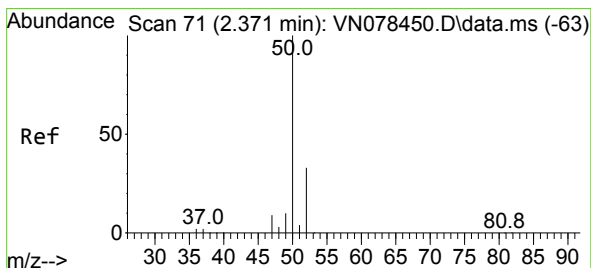
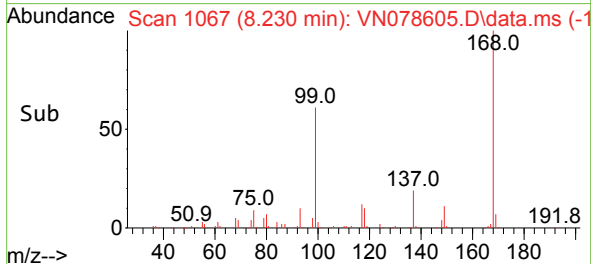
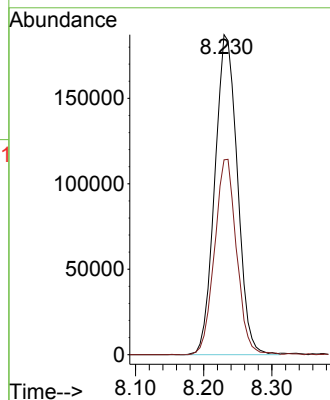
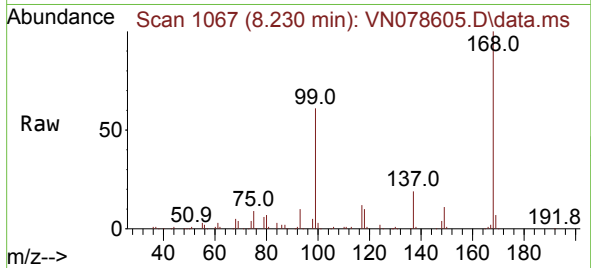




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078605.D
Acq: 21 Jul 2023 11:35

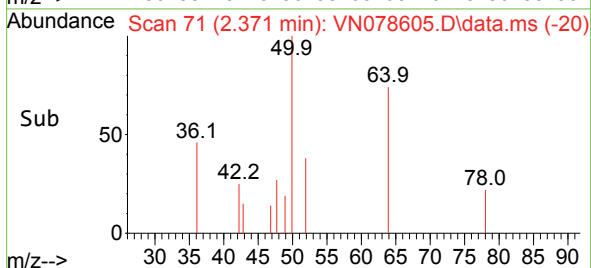
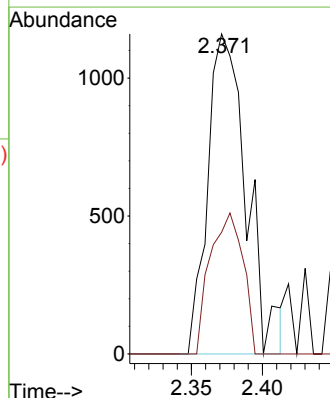
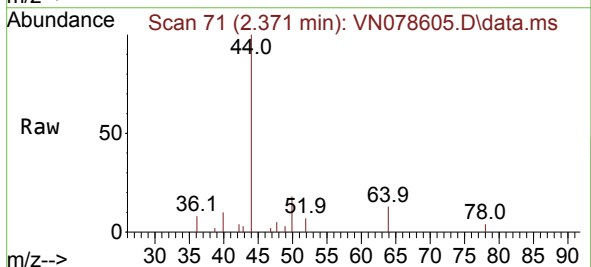
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBL01

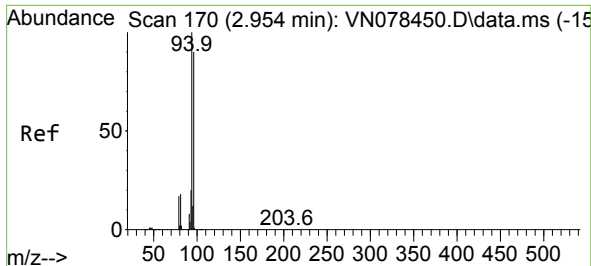
Tgt Ion:168 Resp: 431298
Ion Ratio Lower Upper
168 100
99 60.9 53.0 79.6



#3
Chloromethane
Concen: 0.384 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078605.D
Acq: 21 Jul 2023 11:35

Tgt Ion: 50 Resp: 2209
Ion Ratio Lower Upper
50 100
52 38.0 26.5 39.7

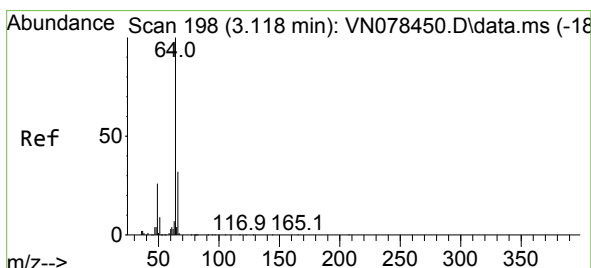
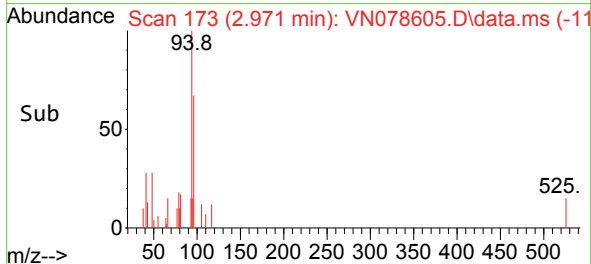
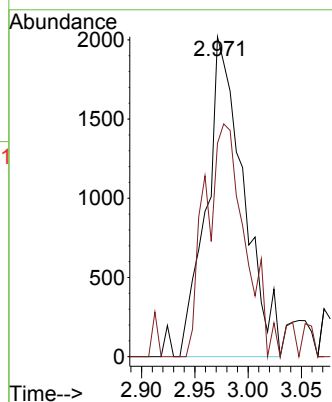
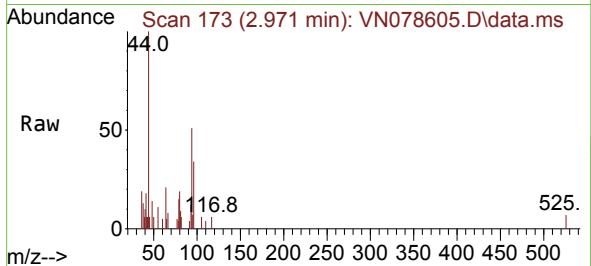




#5
Bromomethane
Concen: Below Cal
RT: 2.971 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN078605.D
Acq: 21 Jul 2023 11:35

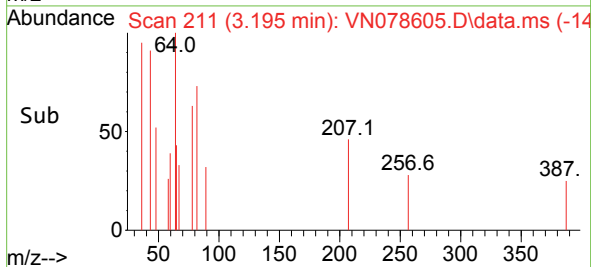
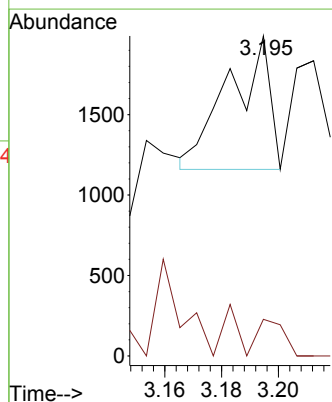
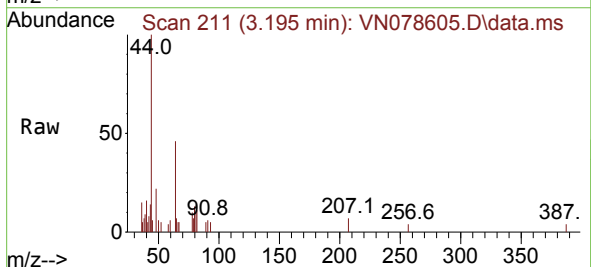
Instrument :
MSVOA_N
ClientSampleId :
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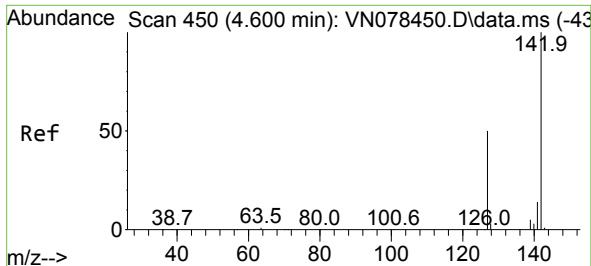
Tgt Ion: 94 Resp: 4853
Ion Ratio Lower Upper
94 100
96 66.7 73.1 109.7#



#6
Chloroethane
Concen: Below Cal
RT: 3.195 min Scan# 211
Delta R.T. 0.077 min
Lab File: VN078605.D
Acq: 21 Jul 2023 11:35

Tgt Ion: 64 Resp: 832
Ion Ratio Lower Upper
64 100
66 6.1 25.4 38.2#

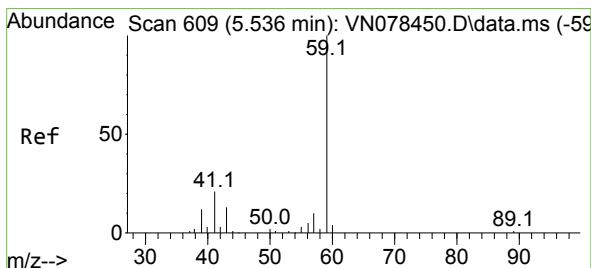
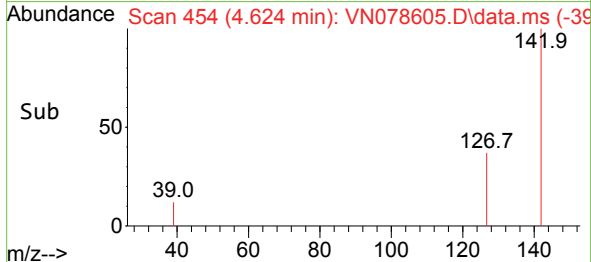
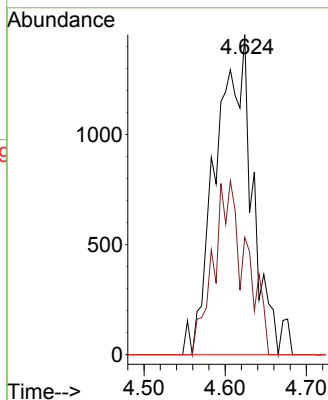
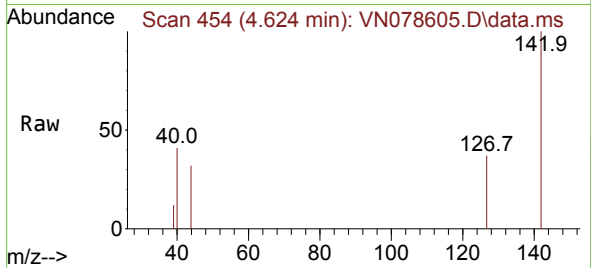




#10
Methyl Iodide
Concen: 0.694 ug/l
RT: 4.624 min Scan# 41
Delta R.T. 0.024 min
Lab File: VN078605.D
Acq: 21 Jul 2023 11:35

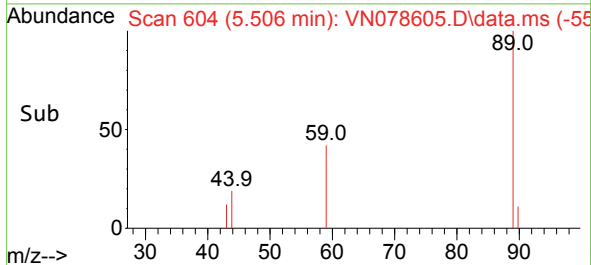
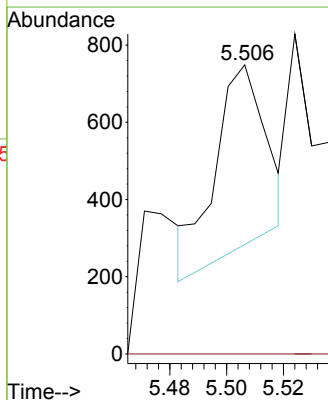
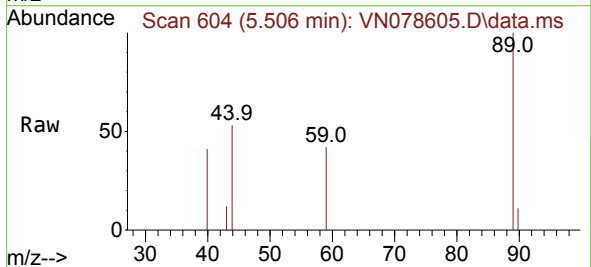
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBL01

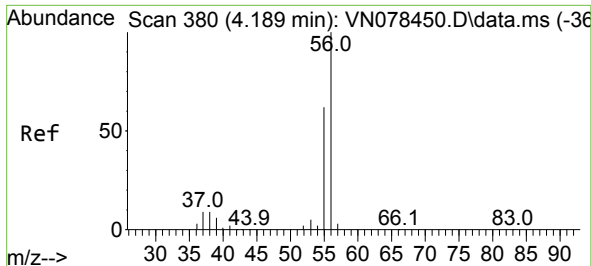
Tgt Ion:142 Resp: 4486
Ion Ratio Lower Upper
142 100
127 36.6 37.6 56.4#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.666 ug/l
RT: 5.506 min Scan# 604
Delta R.T. -0.030 min
Lab File: VN078605.D
Acq: 21 Jul 2023 11:35

Tgt Ion: 59 Resp: 594
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

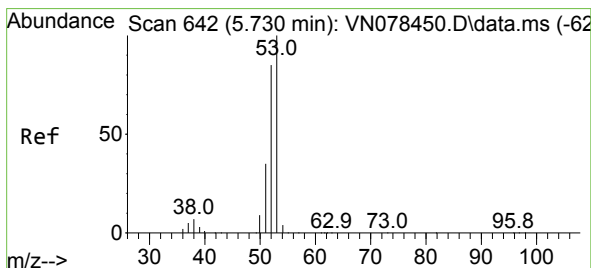
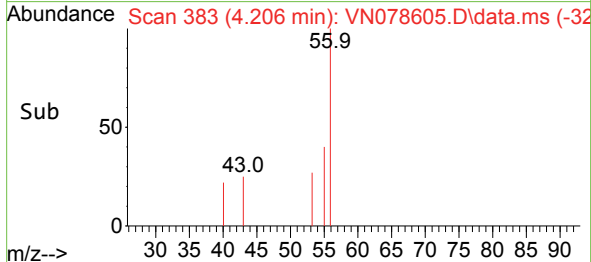
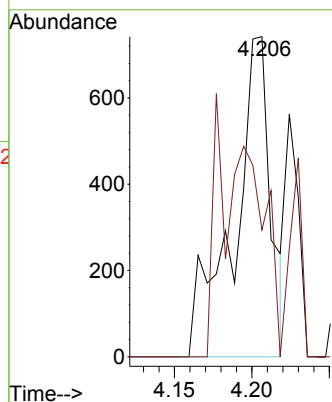
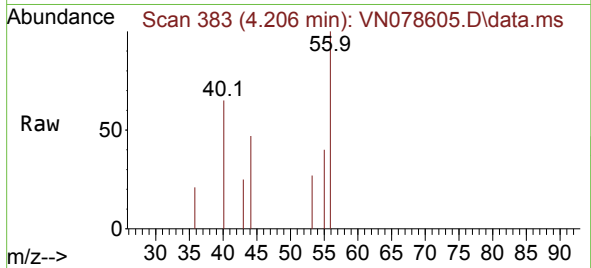




#13
Acrolein
Concen: 1.385 ug/l
RT: 4.206 min Scan# 311
Delta R.T. 0.017 min
Lab File: VN078605.D
Acq: 21 Jul 2023 11:35

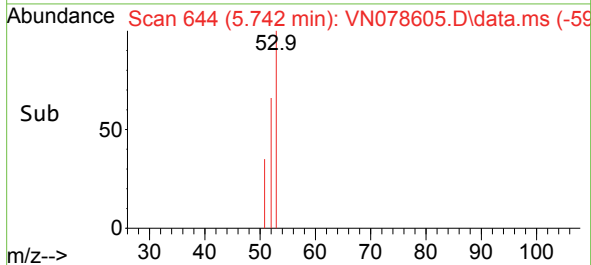
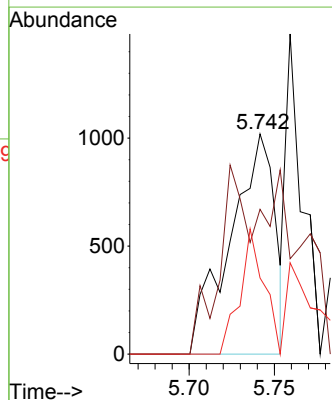
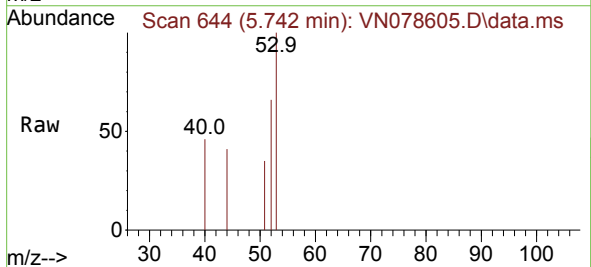
Instrument :
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ClientSampleId :
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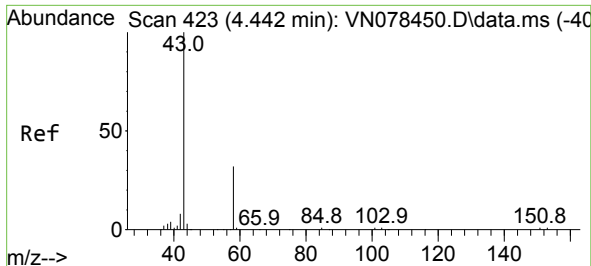
Tgt Ion: 56 Resp: 1215
Ion Ratio Lower Upper
56 100
55 0.0 54.5 81.7#



#15
Acrylonitrile
Concen: 0.827 ug/l
RT: 5.742 min Scan# 644
Delta R.T. 0.012 min
Lab File: VN078605.D
Acq: 21 Jul 2023 11:35

Tgt Ion: 53 Resp: 1862
Ion Ratio Lower Upper
53 100
52 55.6 65.3 97.9#
51 30.6 28.9 43.3

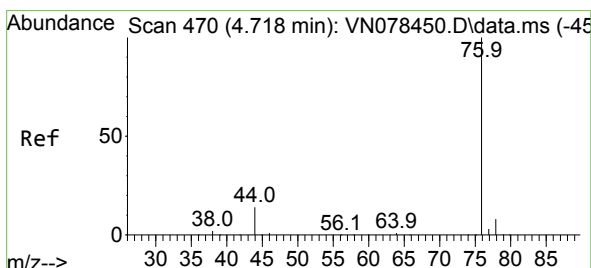
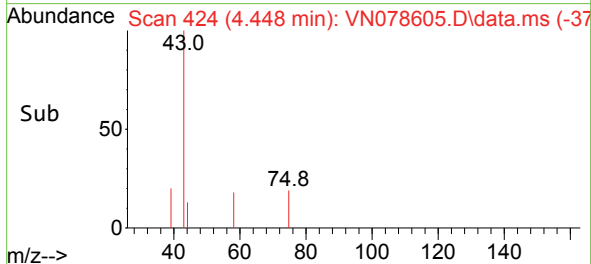
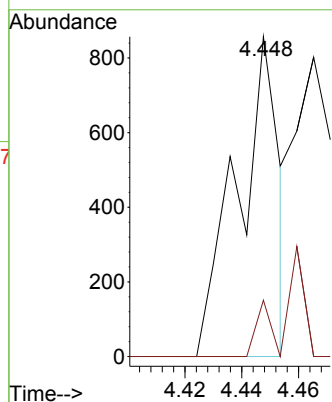
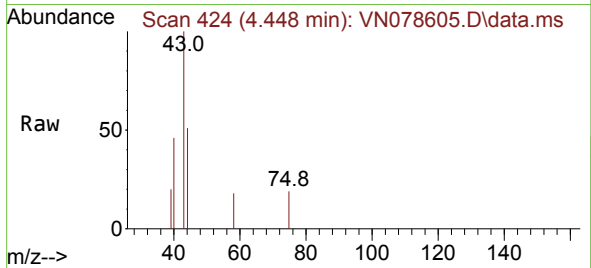




#16
Acetone
Concen: 0.485 ug/l
RT: 4.448 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN078605.D
Acq: 21 Jul 2023 11:35

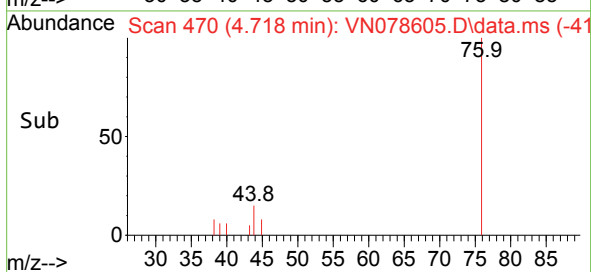
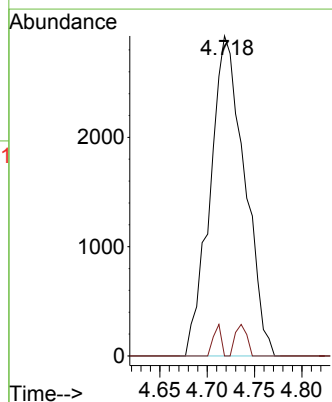
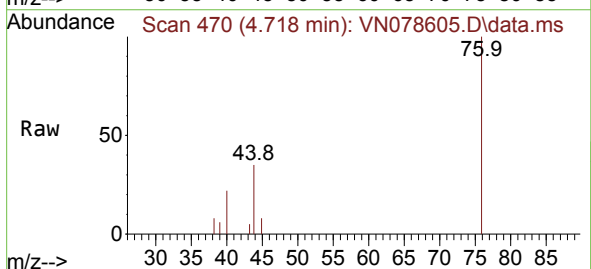
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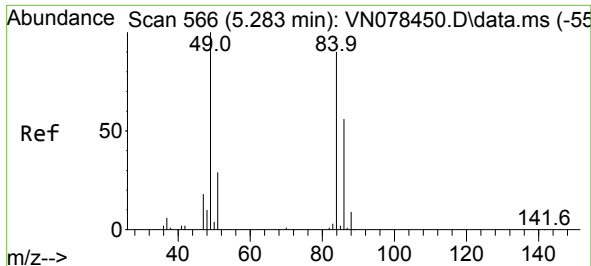
Tgt Ion: 43 Resp: 874
Ion Ratio Lower Upper
43 100
58 17.6 28.0 42.0#



#17
Carbon Disulfide
Concen: 0.564 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.000 min
Lab File: VN078605.D
Acq: 21 Jul 2023 11:35

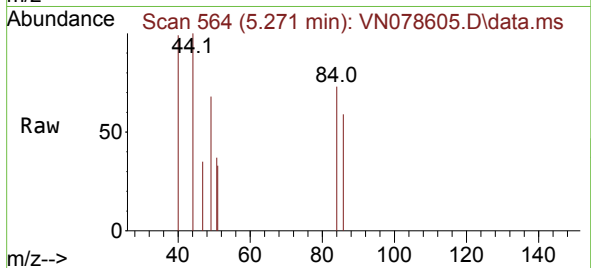
Tgt Ion: 76 Resp: 7422
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



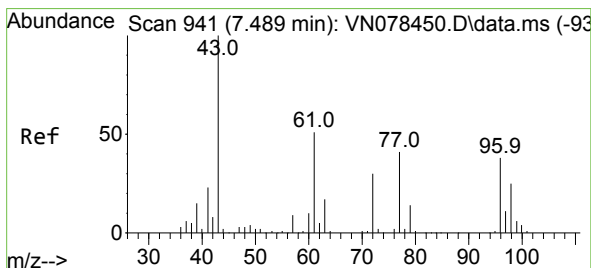
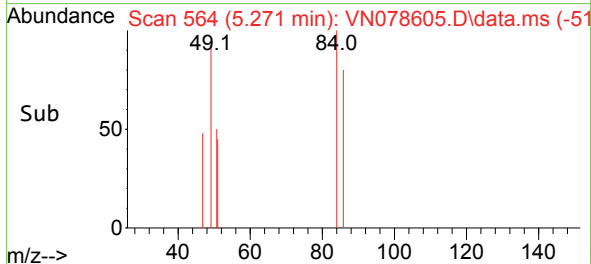
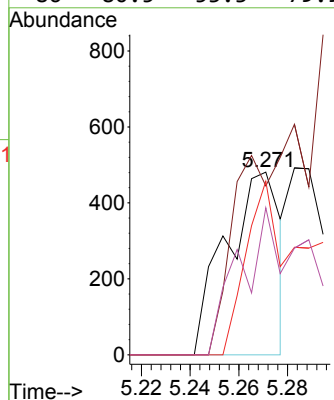


#20
Methylene Chloride
Concen: Below Cal
RT: 5.271 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN078605.D
Acq: 21 Jul 2023 11:35

Instrument :
MSVOA_N
ClientSampleId :
VN0721MBL01

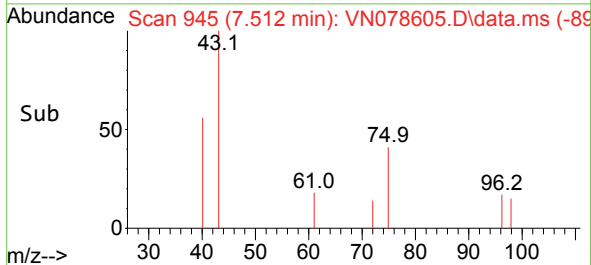
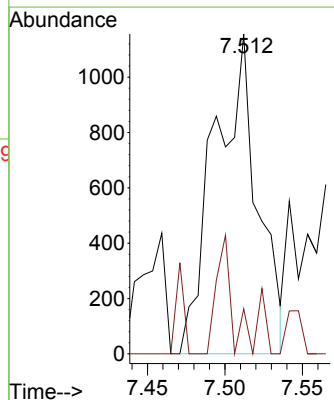
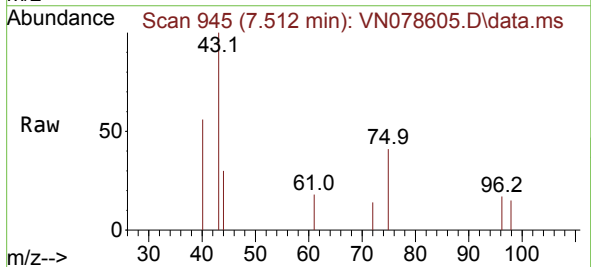


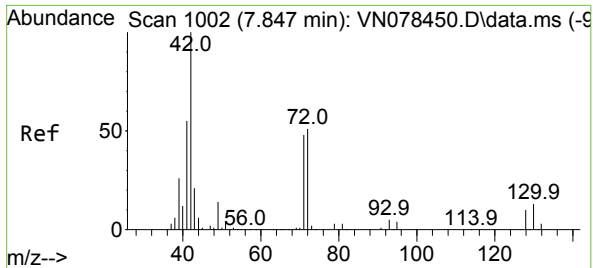
Tgt Ion:	84	Resp:	741
Ion	Ratio	Lower	Upper
84	100		
49	92.5	79.7	119.5
51	95.0	25.2	37.8#
86	80.5	53.3	79.9#



#25
2-Butanone
Concen: 0.788 ug/l
RT: 7.512 min Scan# 945
Delta R.T. 0.023 min
Lab File: VN078605.D
Acq: 21 Jul 2023 11:35

Tgt Ion:	43	Resp:	2234
Ion	Ratio	Lower	Upper
43	100		
72	16.6	30.2	45.2#

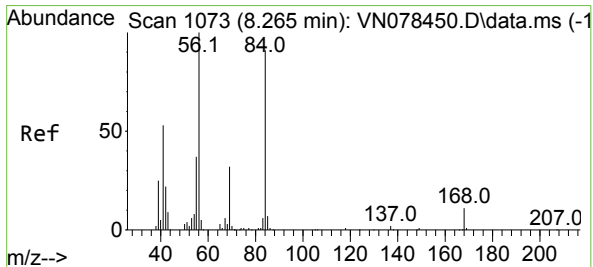
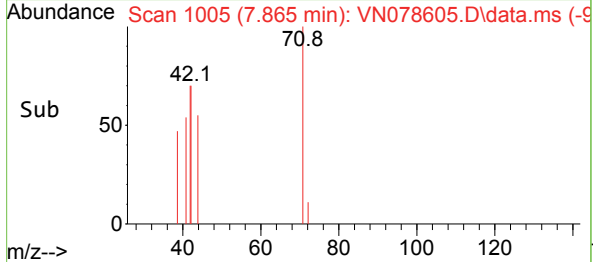
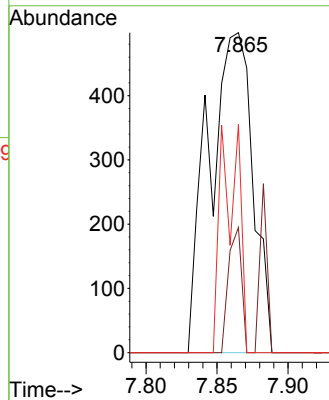
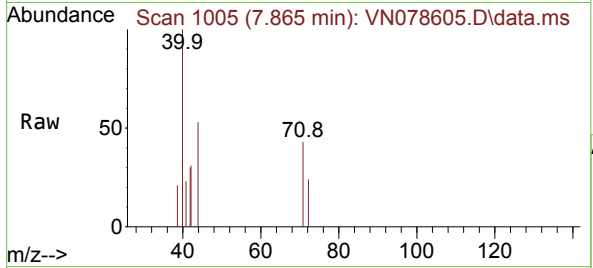




#29
Tetrahydrofuran
Concen: 0.579 ug/l
RT: 7.865 min Scan# 1077
Delta R.T. 0.018 min
Lab File: VN078605.D
Acq: 21 Jul 2023 11:35

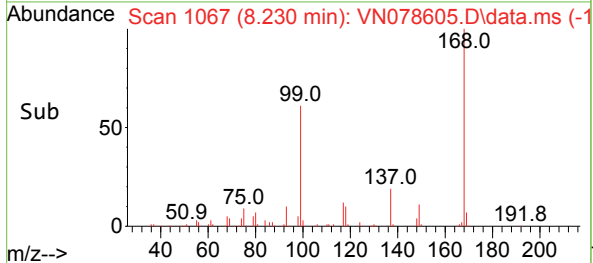
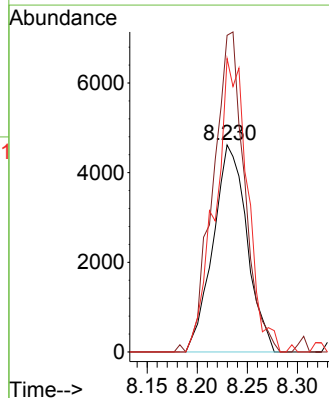
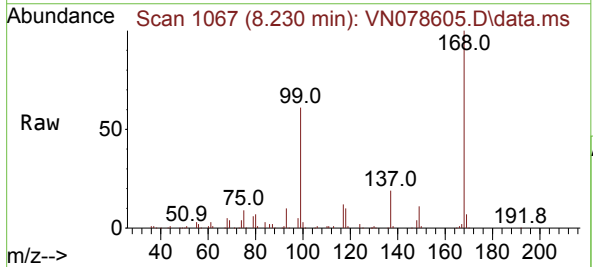
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBL01

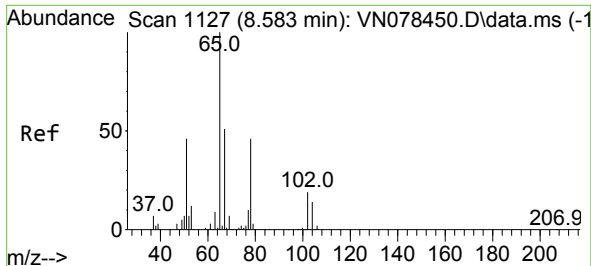
Tgt Ion:	42	Resp:	1077
Ion	Ratio	Lower	Upper
42	100		
72	11.6	49.8	74.6#
71	28.7	47.4	71.2#



#31
Cyclohexane
Concen: 1.385 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN078605.D
Acq: 21 Jul 2023 11:35

Tgt Ion:	56	Resp:	10821
Ion	Ratio	Lower	Upper
56	100		
69	153.0	26.8	40.2#
84	141.8	81.8	122.6#





#33

1,2-Dichloroethane-d4

Concen: 48.009 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN078605.D

Acq: 21 Jul 2023 11:35

Instrument :

MSVOA_N

ClientSampleId :

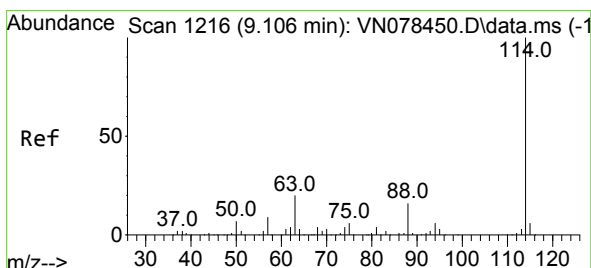
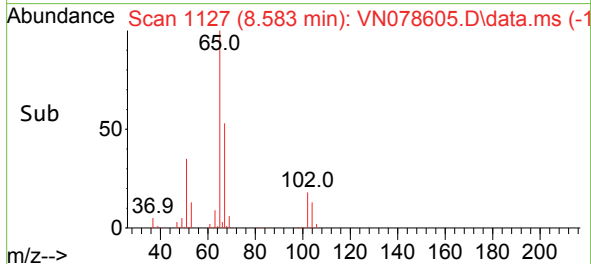
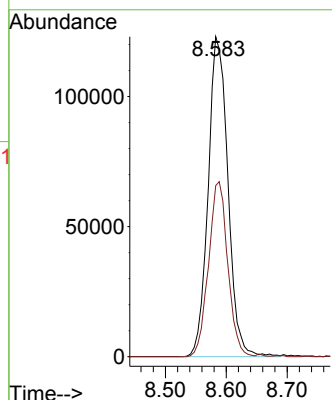
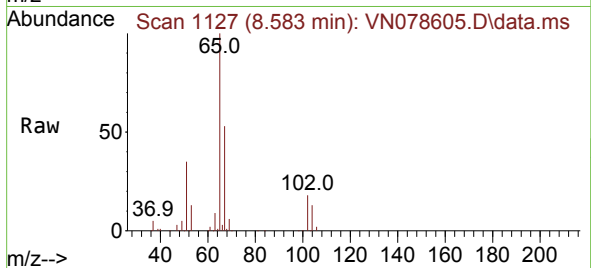
VN0721MBL01

Tgt Ion: 65 Resp: 277590

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078605.D

Acq: 21 Jul 2023 11:35

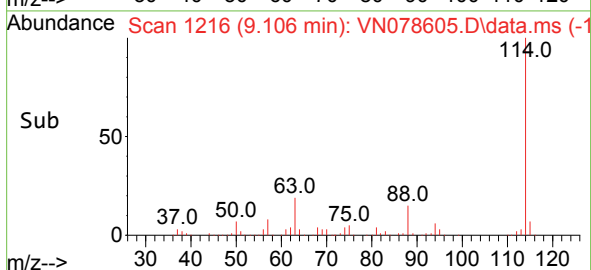
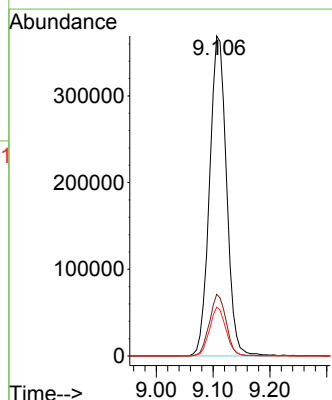
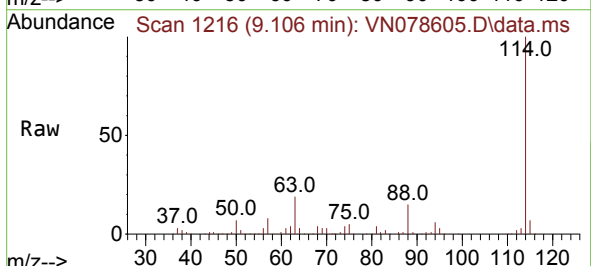
Tgt Ion: 114 Resp: 764447

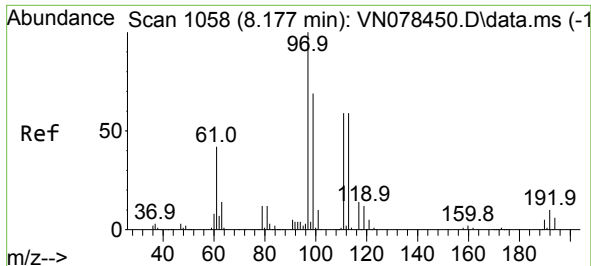
Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.4

88 15.3 0.0 30.6

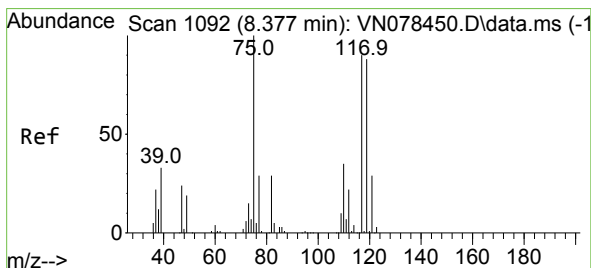
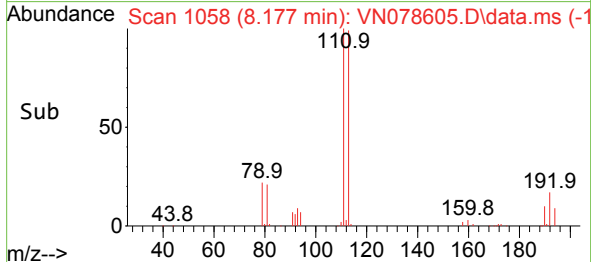
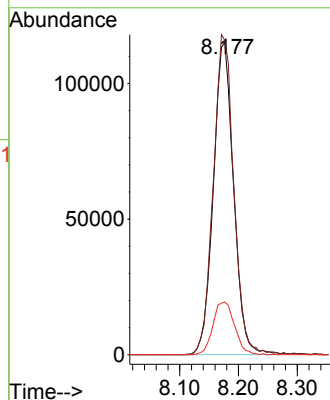
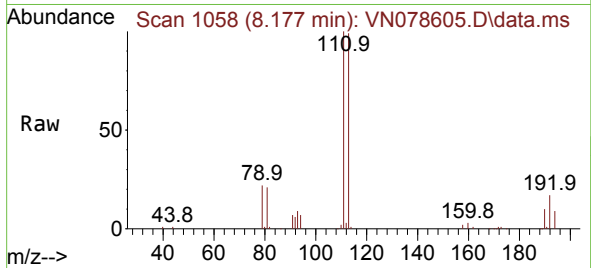




#35
Dibromofluoromethane
Concen: 53.149 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078605.D
Acq: 21 Jul 2023 11:35

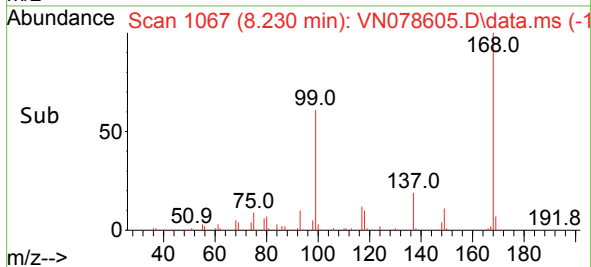
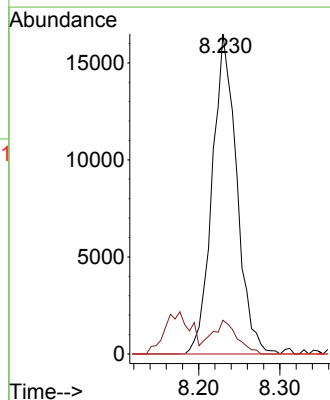
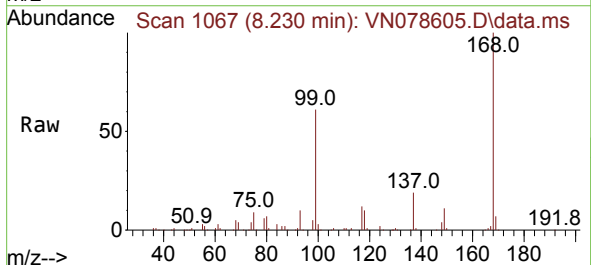
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBL01

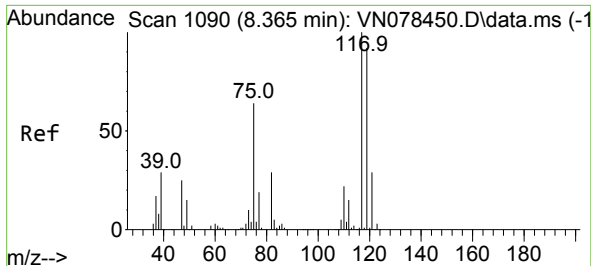
Tgt Ion:113 Resp: 275804
Ion Ratio Lower Upper
113 100
111 103.5 82.6 123.8
192 18.0 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.609 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN078605.D
Acq: 21 Jul 2023 11:35

Tgt Ion: 75 Resp: 34535
Ion Ratio Lower Upper
75 100
110 10.2 19.1 57.3#
77 0.0 25.0 37.4#

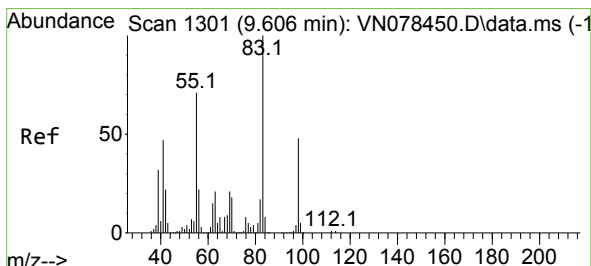
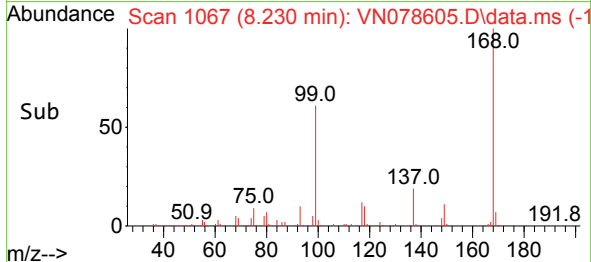
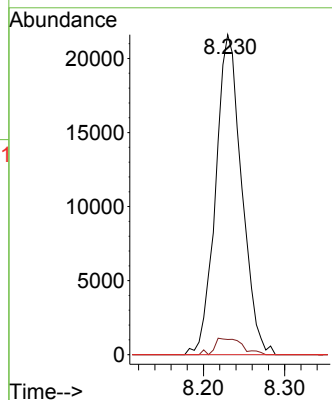
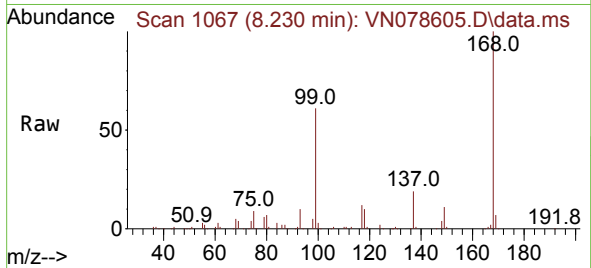




#38
Carbon Tetrachloride
Concen: 5.919 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN078605.D
Acq: 21 Jul 2023 11:35

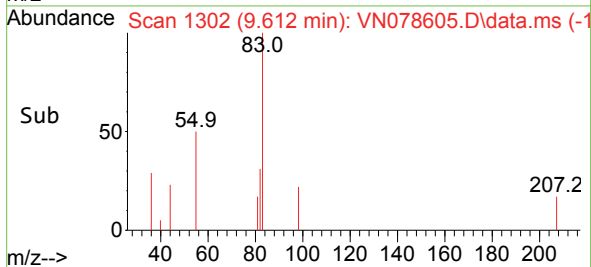
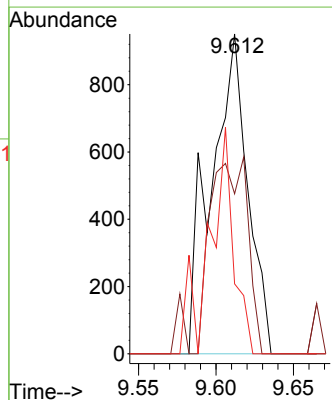
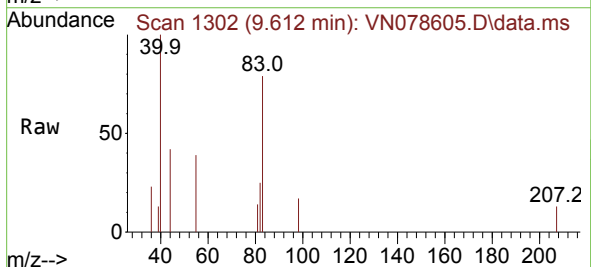
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBL01

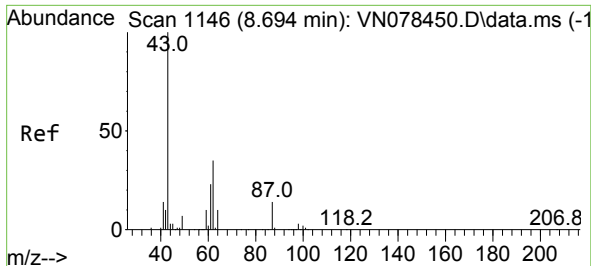
Tgt Ion:117 Resp: 48199
Ion Ratio Lower Upper
117 100
119 4.7 77.3 115.9#
121 0.0 23.3 34.9#



#39
Methylcyclohexane
Concen: 0.228 ug/l
RT: 9.612 min Scan# 1302
Delta R.T. 0.006 min
Lab File: VN078605.D
Acq: 21 Jul 2023 11:35

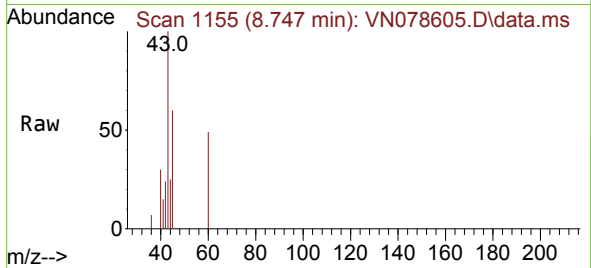
Tgt Ion: 83 Resp: 1560
Ion Ratio Lower Upper
83 100
55 50.1 49.1 73.7
98 21.9 40.6 61.0#



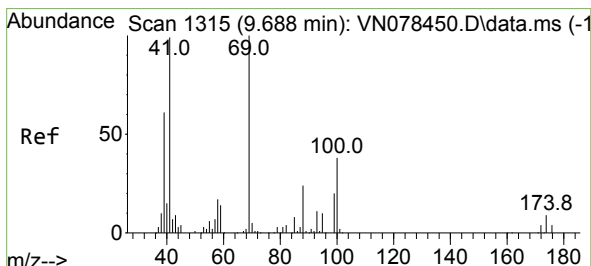
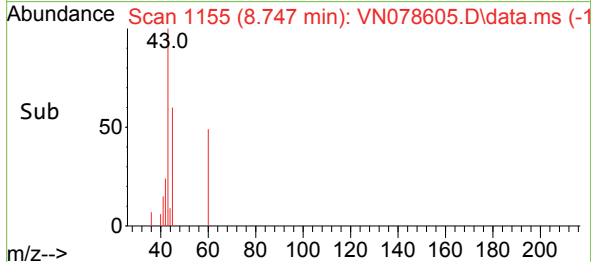
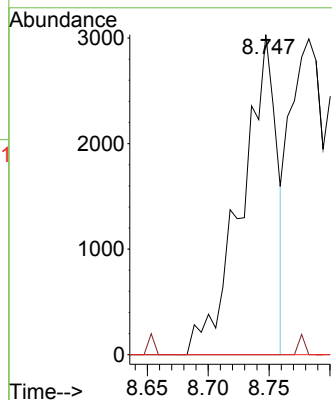


#43
Isopropyl Acetate
Concen: 0.594 ug/l
RT: 8.747 min Scan# 1155
Delta R.T. 0.053 min
Lab File: VN078605.D
Acq: 21 Jul 2023 11:35

Instrument :
MSVOA_N
ClientSampleId :
VN0721MBL01

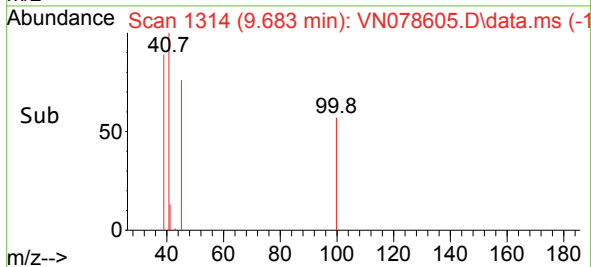
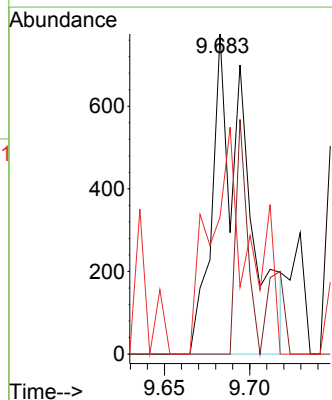
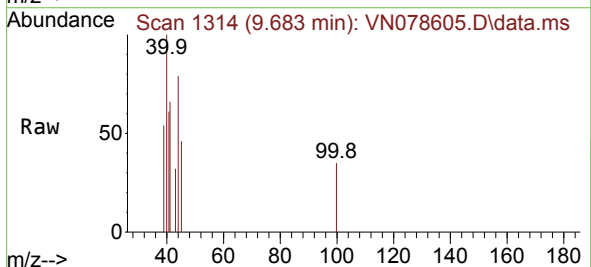


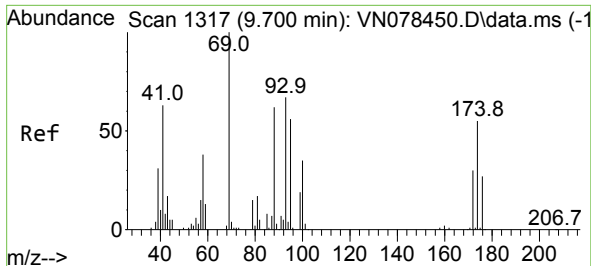
Tgt Ion: 43 Resp: 6112
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#48
Methyl methacrylate
Concen: 0.226 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. -0.005 min
Lab File: VN078605.D
Acq: 21 Jul 2023 11:35

Tgt Ion: 41 Resp: 1077
Ion Ratio Lower Upper
41 100
69 24.8 90.4 135.6#
39 80.2 54.6 81.8





#49

1,4-Dioxane

Concen: 1.174 ug/l

RT: 9.694 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN078605.D

Acq: 21 Jul 2023 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN0721MBL01

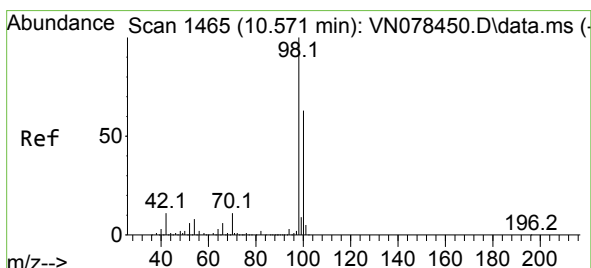
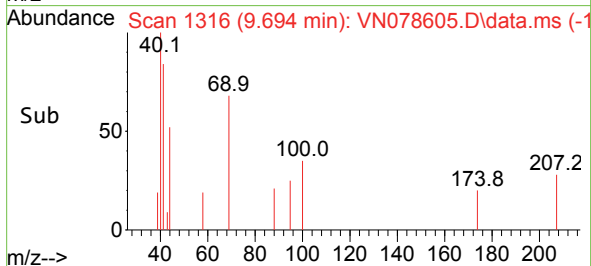
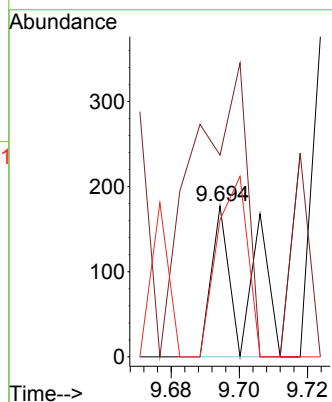
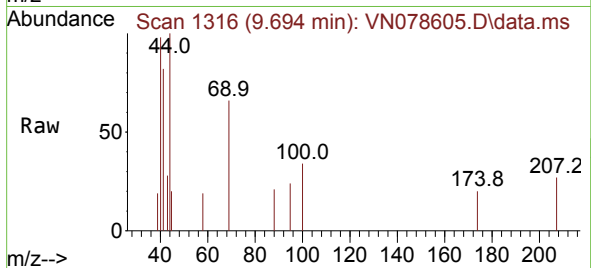
Tgt Ion: 88 Resp: 122

Ion Ratio Lower Upper

88 100

43 303.3 17.0 25.6#

58 108.2 47.0 70.4#



#50

Toluene-d8

Concen: 46.238 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078605.D

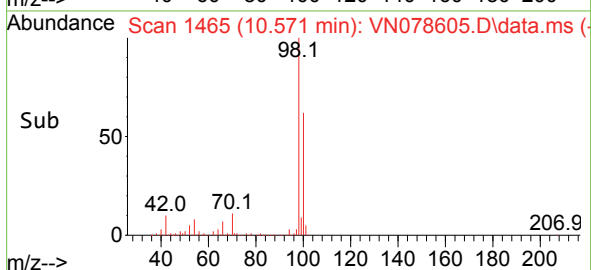
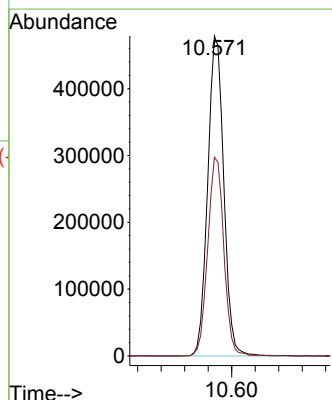
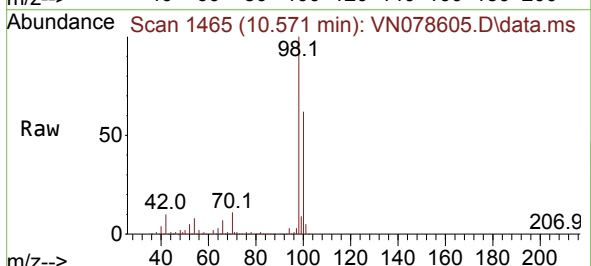
Acq: 21 Jul 2023 11:35

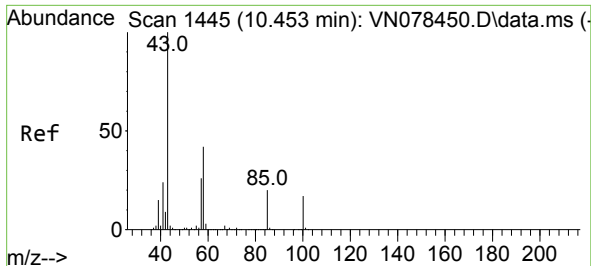
Tgt Ion: 98 Resp: 906436

Ion Ratio Lower Upper

98 100

100 62.4 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 0.775 ug/l

RT: 10.453 min Scan# 1445

Delta R.T. 0.000 min

Lab File: VN078605.D

Acq: 21 Jul 2023 11:35

Instrument :

MSVOA_N

ClientSampleId :

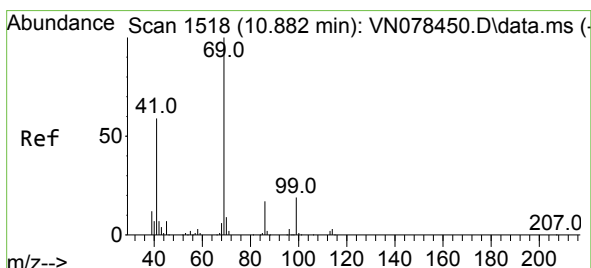
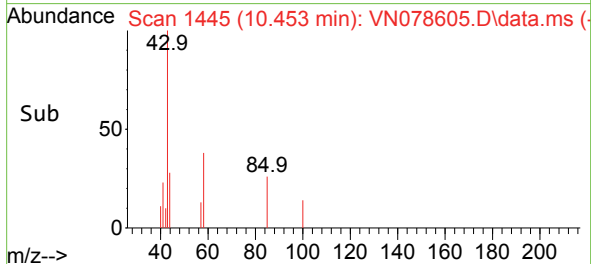
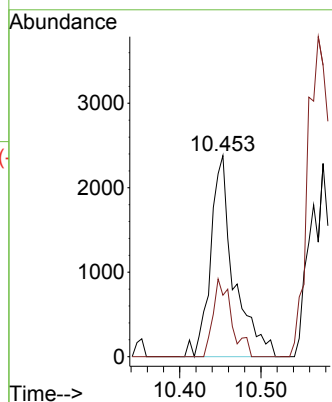
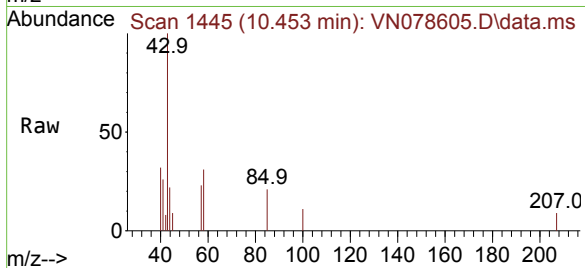
VN0721MBL01

Tgt Ion: 43 Resp: 4743

Ion Ratio Lower Upper

43 100

58 30.8 36.6 54.8#



#56

Ethyl methacrylate

Concen: 0.226 ug/l

RT: 10.888 min Scan# 1519

Delta R.T. 0.006 min

Lab File: VN078605.D

Acq: 21 Jul 2023 11:35

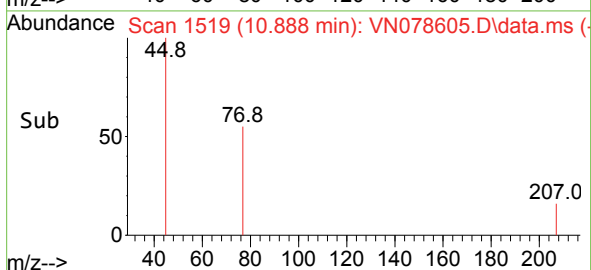
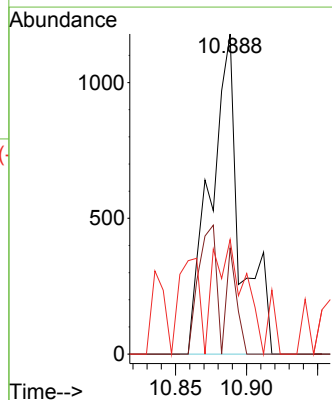
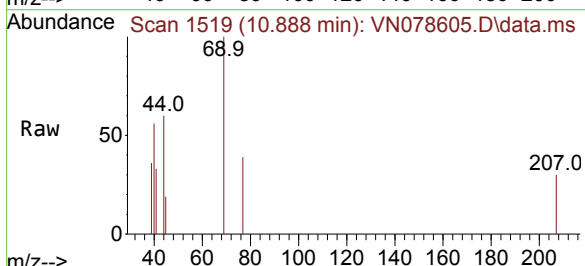
Tgt Ion: 69 Resp: 1712

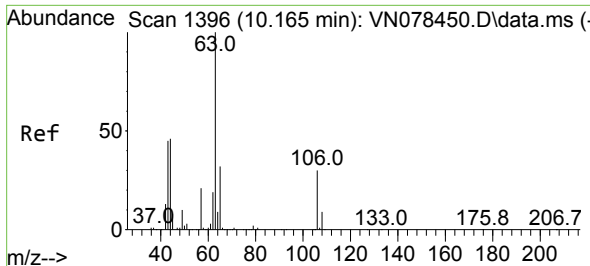
Ion Ratio Lower Upper

69 100

41 24.3 39.6 59.4#

39 36.5 28.6 43.0

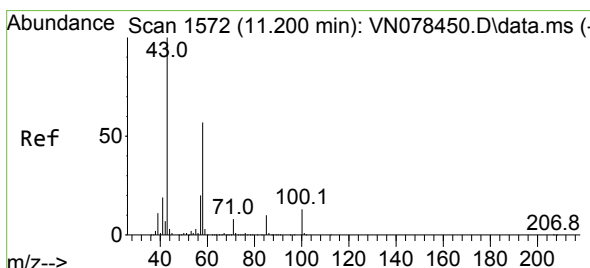
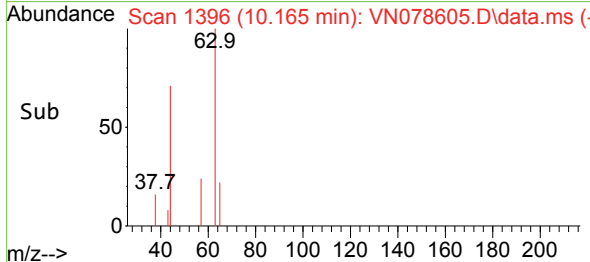
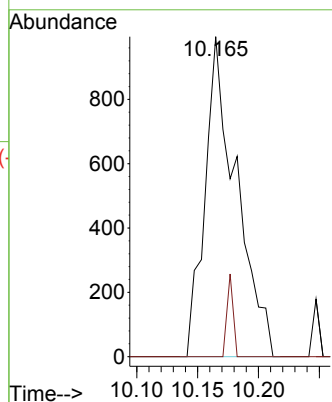
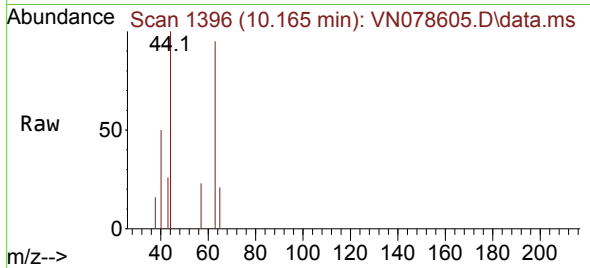




#58
2-Chloroethyl Vinyl ether
Concen: 0.661 ug/l
RT: 10.165 min Scan# 11785
Delta R.T. -0.000 min
Lab File: VN078605.D
Acq: 21 Jul 2023 11:35

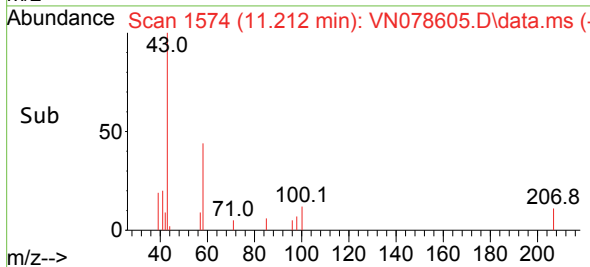
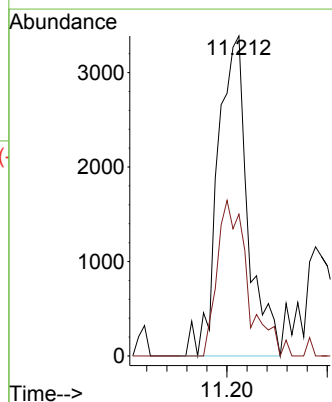
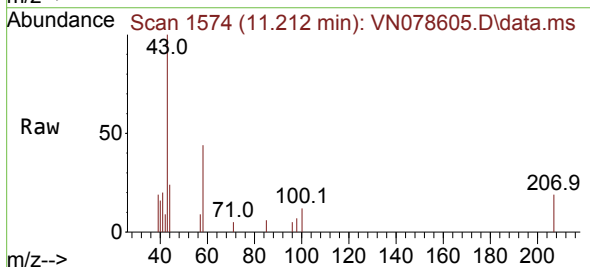
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBL01

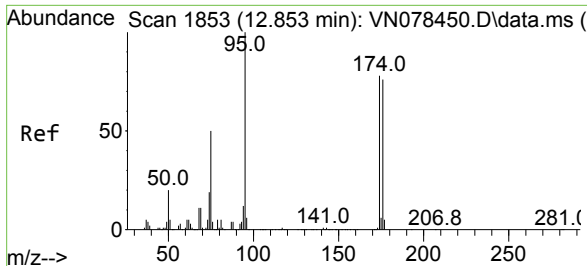
Tgt Ion: 63 Resp: 1785
Ion Ratio Lower Upper
63 100
106 5.1 26.2 39.4#



#59
2-Hexanone
Concen: 1.624 ug/l
RT: 11.212 min Scan# 1574
Delta R.T. 0.012 min
Lab File: VN078605.D
Acq: 21 Jul 2023 11:35

Tgt Ion: 43 Resp: 7059
Ion Ratio Lower Upper
43 100
58 49.5 31.7 95.1

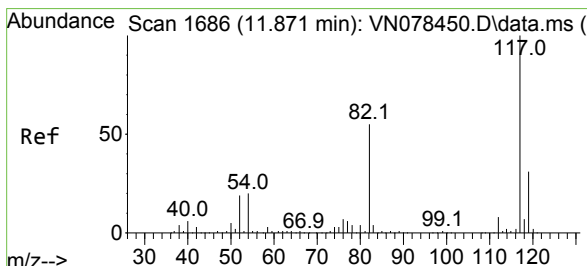
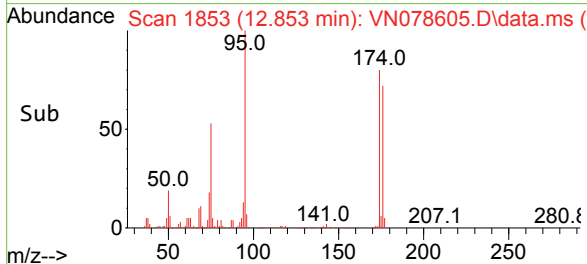
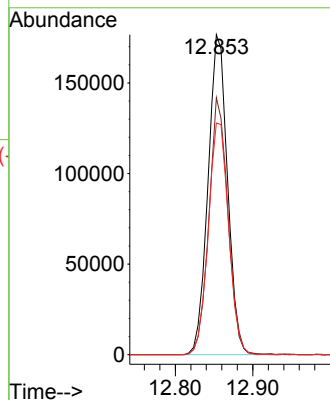
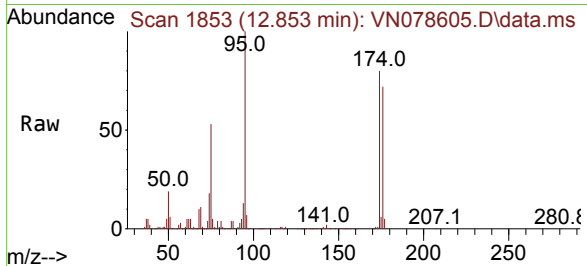




#62
4-Bromofluorobenzene
Concen: 50.925 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078605.D
Acq: 21 Jul 2023 11:35

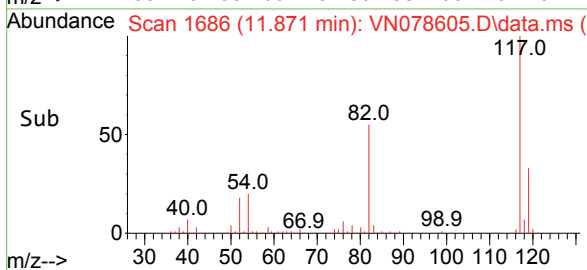
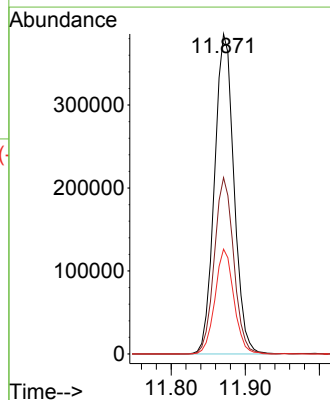
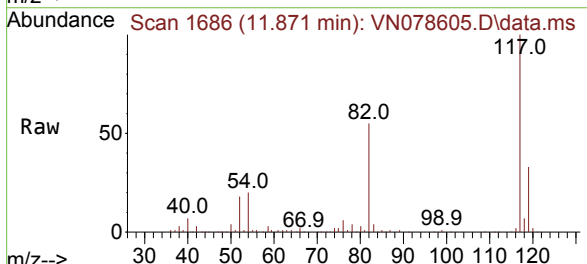
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBL01

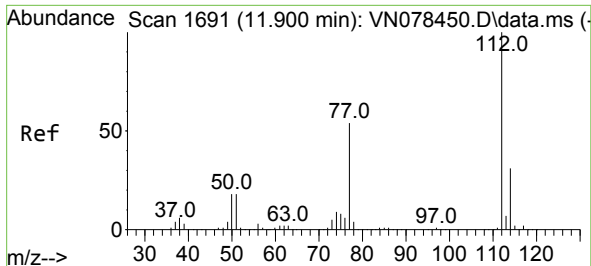
Tgt Ion:	95	Resp:	307505
Ion	Ratio	Lower	Upper
95	100		
174	78.8	0.0	143.8
176	75.3	0.0	135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078605.D
Acq: 21 Jul 2023 11:35

Tgt Ion:	117	Resp:	704559
Ion	Ratio	Lower	Upper
117	100		
82	55.1	44.0	66.0
119	32.7	25.6	38.4

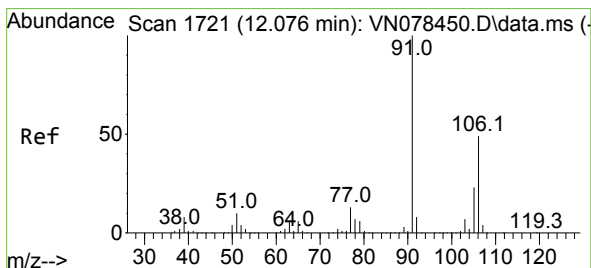
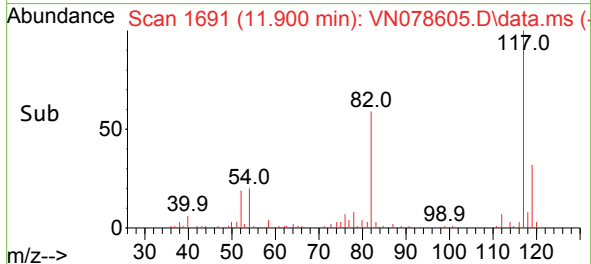
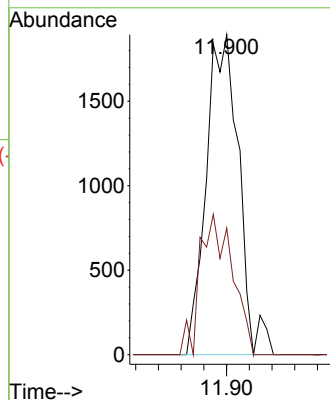
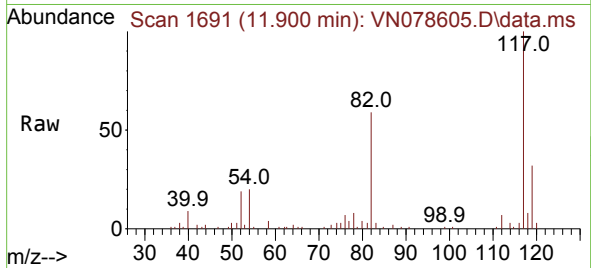




#65
Chlorobenzene
Concen: 0.239 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.000 min
Lab File: VN078605.D
Acq: 21 Jul 2023 11:35

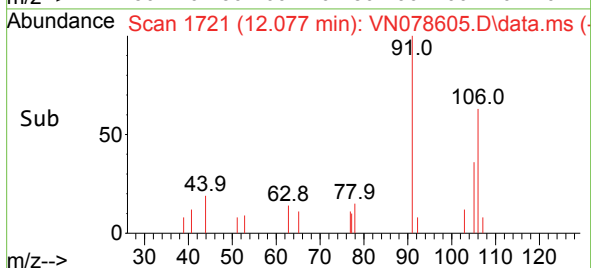
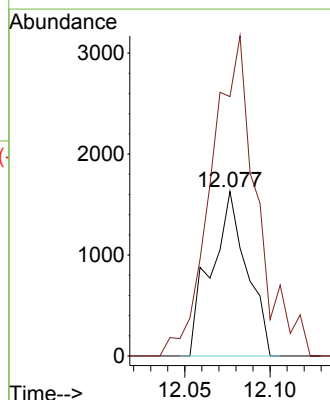
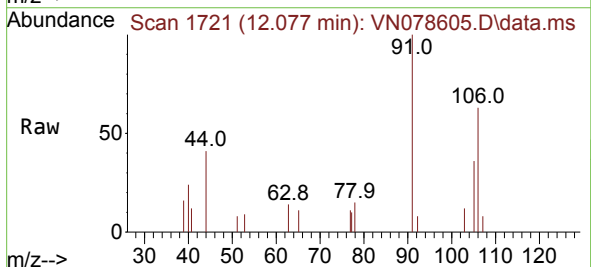
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBL01

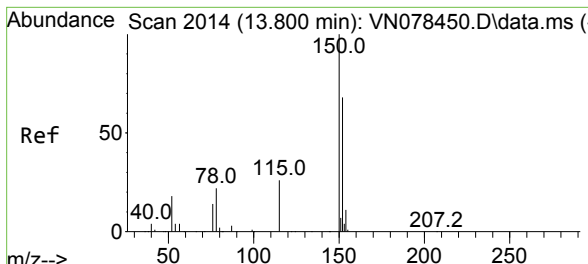
Tgt Ion:112 Resp: 3767
Ion Ratio Lower Upper
112 100
114 39.5 25.0 37.4#



#68
m/p-Xylenes
Concen: 0.241 ug/l
RT: 12.077 min Scan# 1721
Delta R.T. 0.001 min
Lab File: VN078605.D
Acq: 21 Jul 2023 11:35

Tgt Ion:106 Resp: 2376
Ion Ratio Lower Upper
106 100
91 248.9 159.6 239.4#

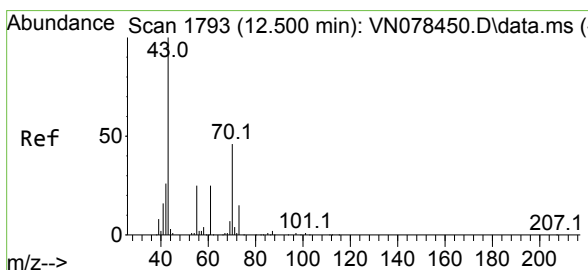
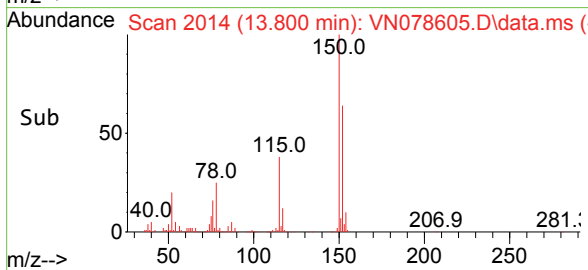
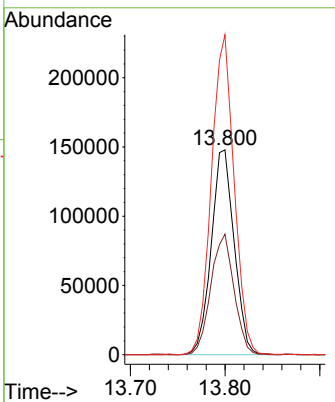
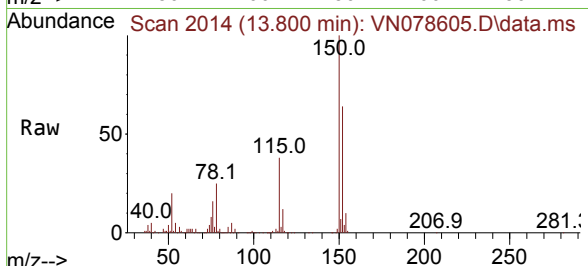




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN078605.D
 Acq: 21 Jul 2023 11:35

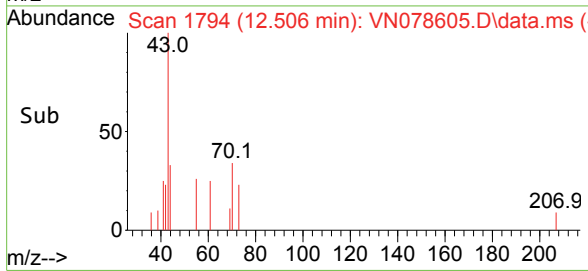
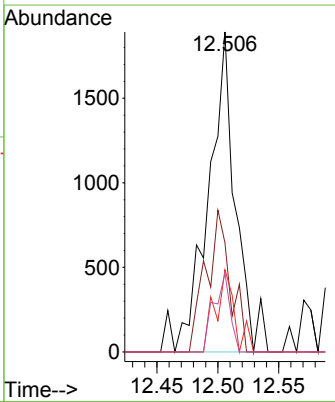
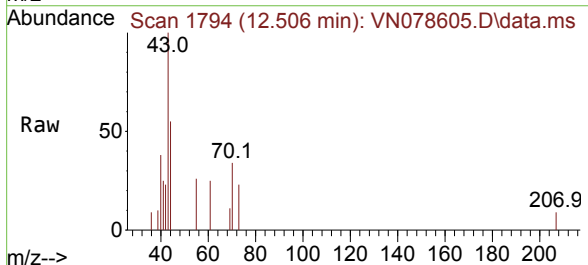
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721MBL01

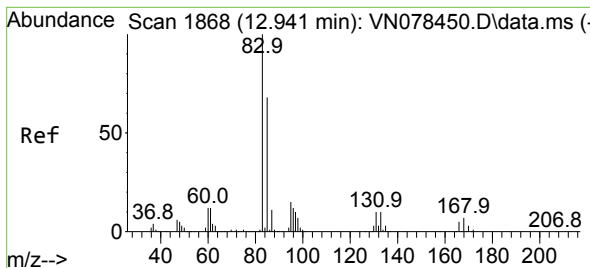
Tgt Ion:	152	Resp:	249706
Ion	Ratio	Lower	Upper
152	100		
115	59.4	32.3	96.8
150	154.4	0.0	355.8



#74
 N-ethyl acetate
 Concen: 0.358 ug/l
 RT: 12.506 min Scan# 1794
 Delta R.T. 0.006 min
 Lab File: VN078605.D
 Acq: 21 Jul 2023 11:35

Tgt Ion:	43	Resp:	2894
Ion	Ratio	Lower	Upper
43	100		
70	40.3	43.4	65.2#
55	18.5	21.4	32.0#
61	14.8	22.8	34.2#

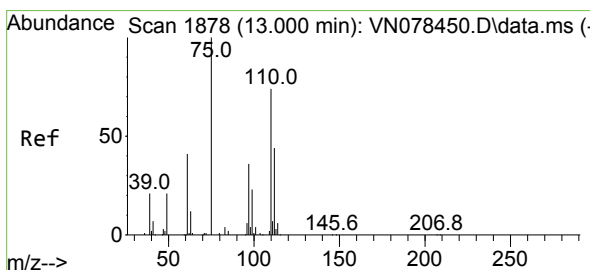
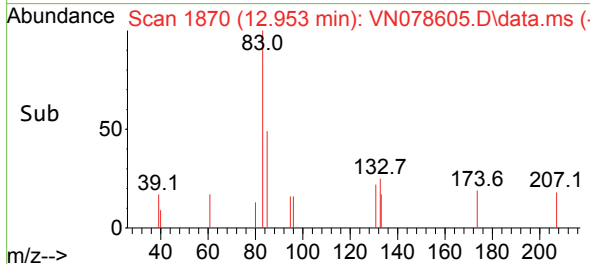
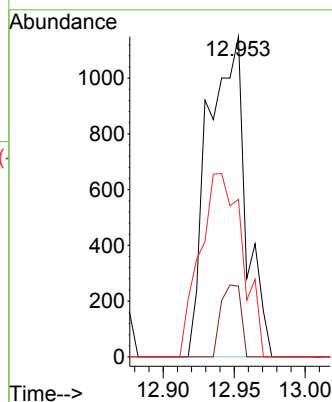
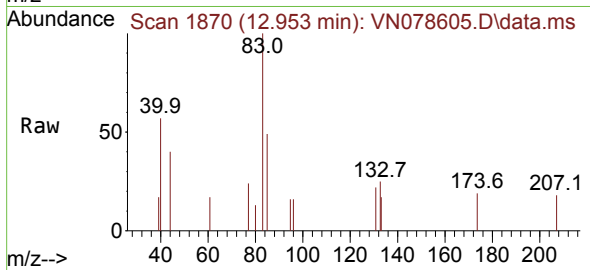




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.953 min Scan# 1853
Delta R.T. 0.012 min
Lab File: VN078605.D
Acq: 21 Jul 2023 11:35

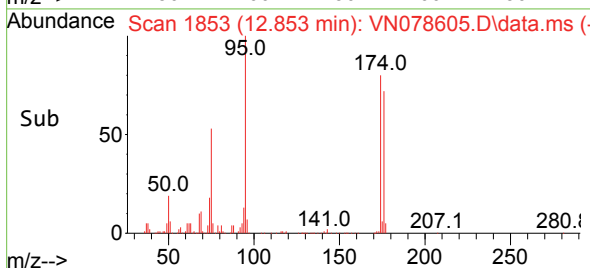
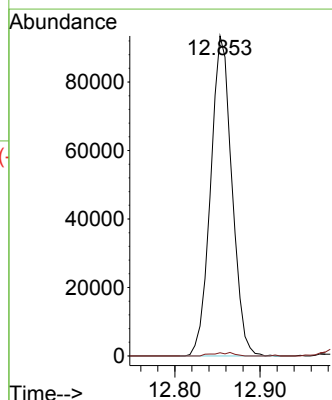
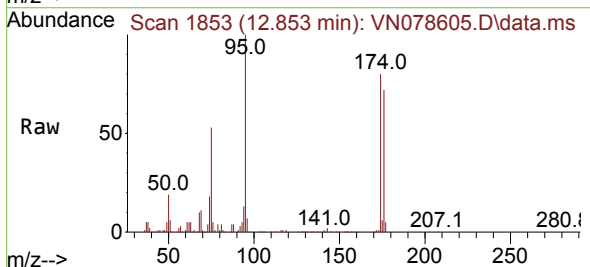
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBL01

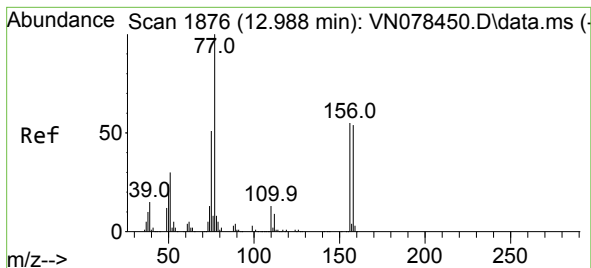
Tgt Ion: 83 Resp: 2121
Ion Ratio Lower Upper
83 100
131 11.9 5.0 15.0
85 64.5 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 26.906 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN078605.D
Acq: 21 Jul 2023 11:35

Tgt Ion: 75 Resp: 162396
Ion Ratio Lower Upper
75 100
77 1.1 84.5 253.5#





#77

Bromobenzene

Concen: Below Cal

RT: 12.988 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VN078605.D

Acq: 21 Jul 2023 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN0721MBL01

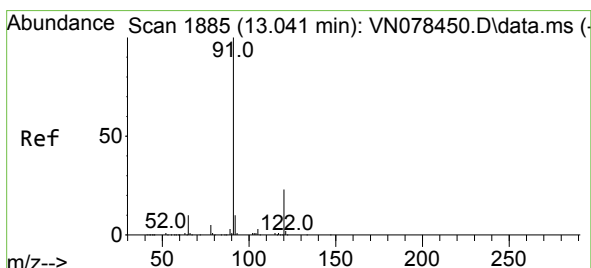
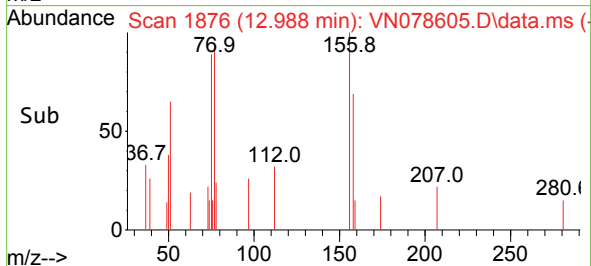
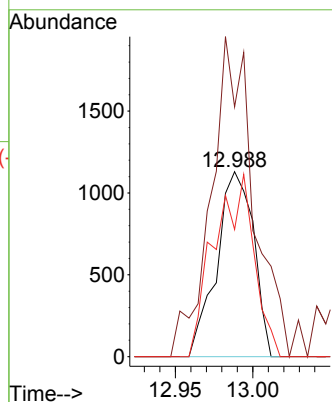
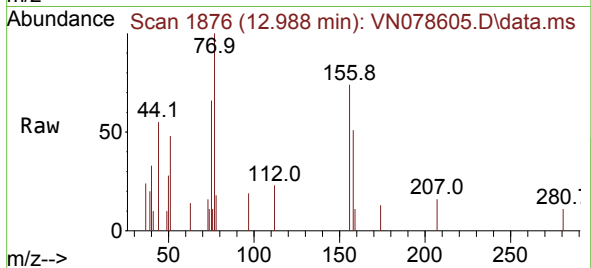
Tgt Ion:156 Resp: 1868

Ion Ratio Lower Upper

156 100

77 198.4 107.7 323.3

158 106.0 48.4 145.3



#78

n-propylbenzene

Concen: 0.201 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VN078605.D

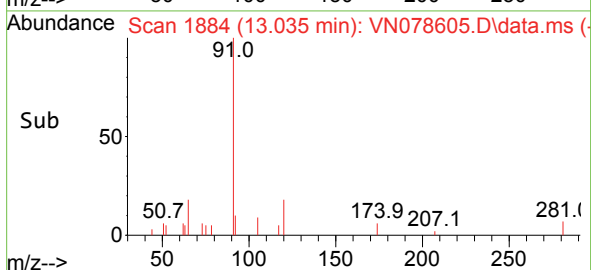
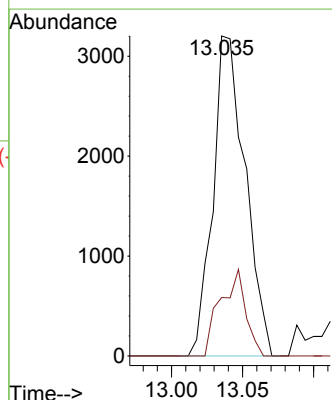
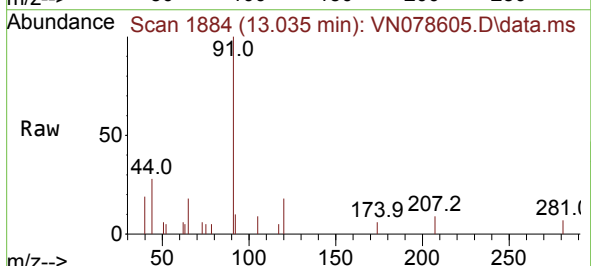
Acq: 21 Jul 2023 11:35

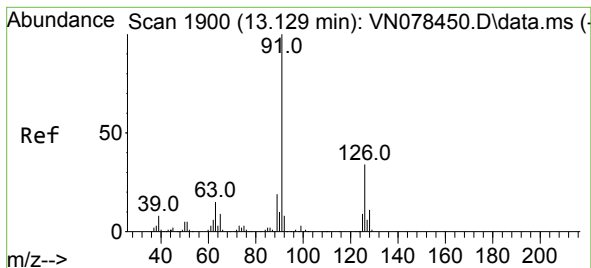
Tgt Ion: 91 Resp: 5041

Ion Ratio Lower Upper

91 100

120 21.2 11.5 34.4

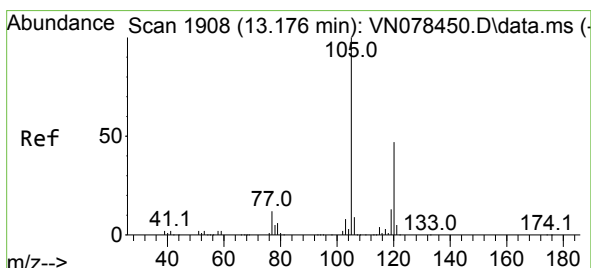
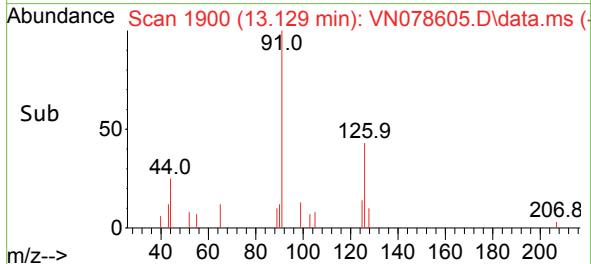
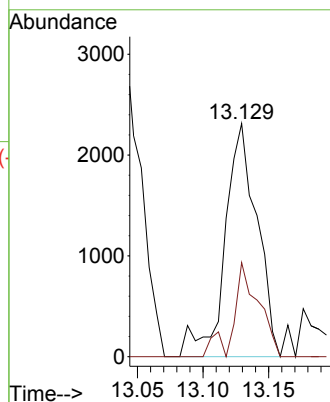
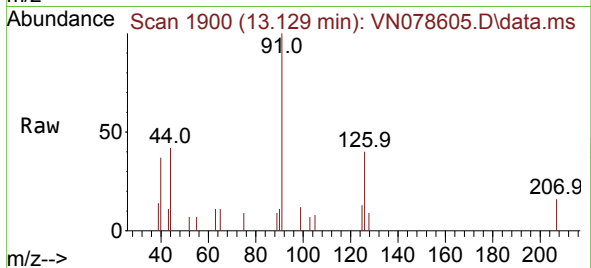




#79
2-Chlorotoluene
Concen: 0.239 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078605.D
Acq: 21 Jul 2023 11:35

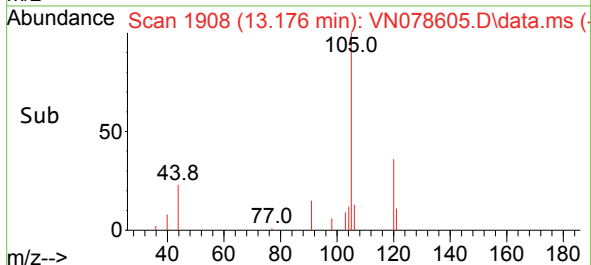
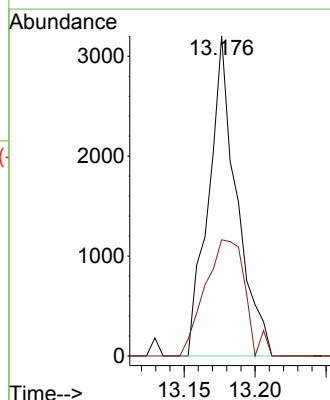
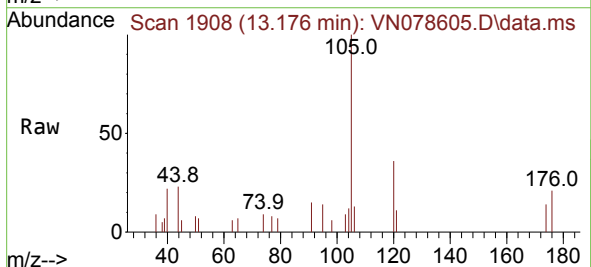
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBL01

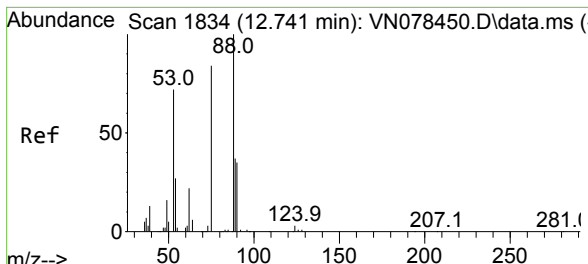
Tgt Ion: 91 Resp: 3927
Ion Ratio Lower Upper
91 100
126 31.9 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 0.237 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078605.D
Acq: 21 Jul 2023 11:35

Tgt Ion: 105 Resp: 4393
Ion Ratio Lower Upper
105 100
120 51.8 24.1 72.3

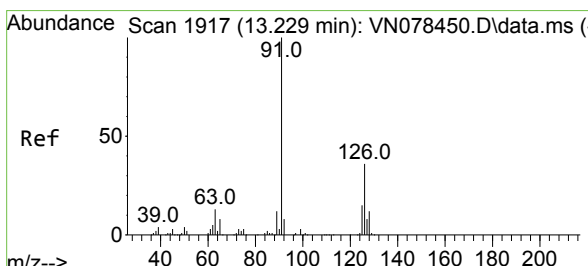
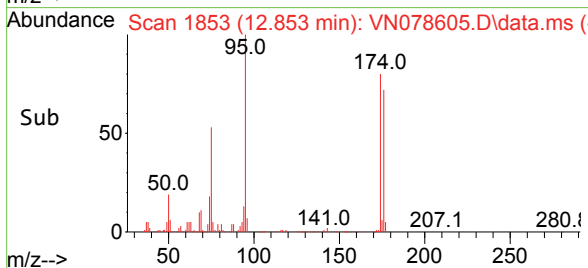
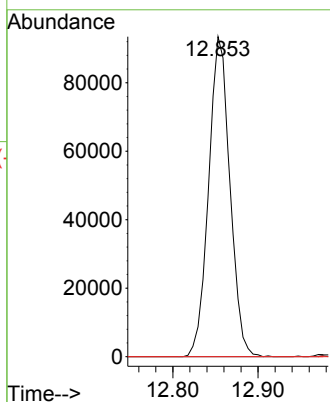
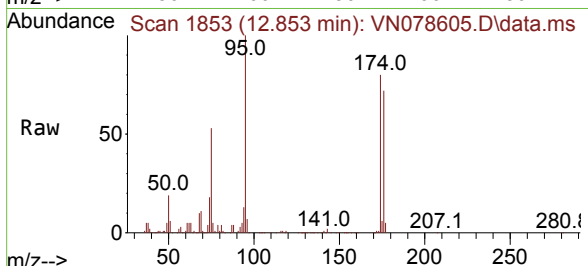




#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.704 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.112 min
 Lab File: VN078605.D
 Acq: 21 Jul 2023 11:35

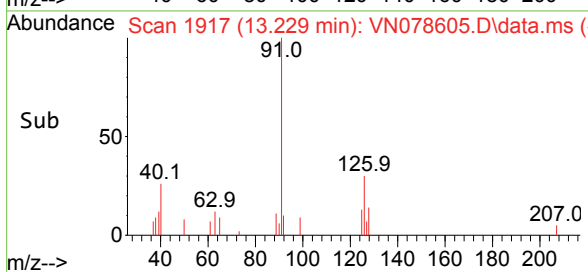
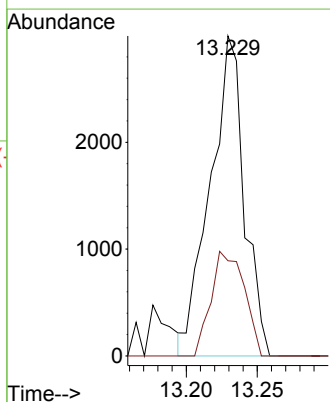
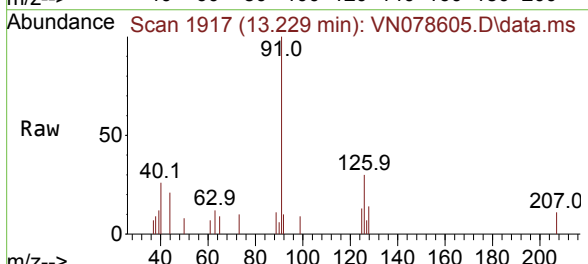
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721MBL01

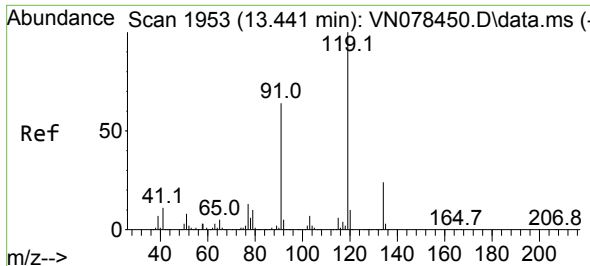
Tgt Ion:	75	Resp:	162396
Ion Ratio	Lower	Upper	
75	100		
53	0.0	67.4	101.2#
89	0.0	38.8	58.2#



#82
 4-Chlorotoluene
 Concen: 0.325 ug/l
 RT: 13.229 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: VN078605.D
 Acq: 21 Jul 2023 11:35

Tgt Ion:	91	Resp:	4984
Ion Ratio	Lower	Upper	
91	100		
126	31.9	16.7	50.0

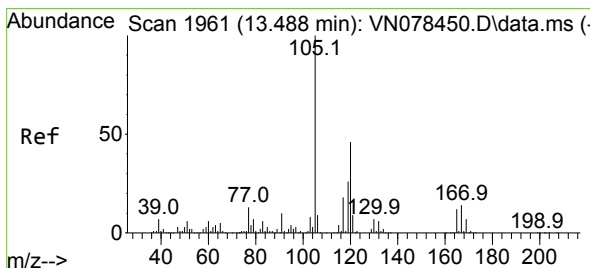
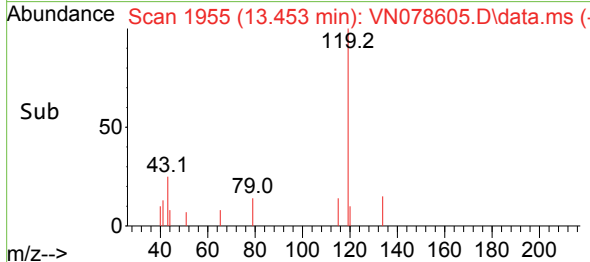
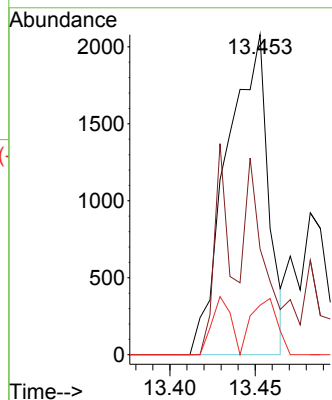
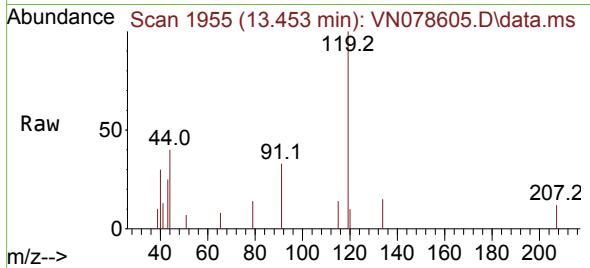




#83
tert-Butylbenzene
Concen: 0.223 ug/l
RT: 13.453 min Scan# 1955
Delta R.T. 0.012 min
Lab File: VN078605.D
Acq: 21 Jul 2023 11:35

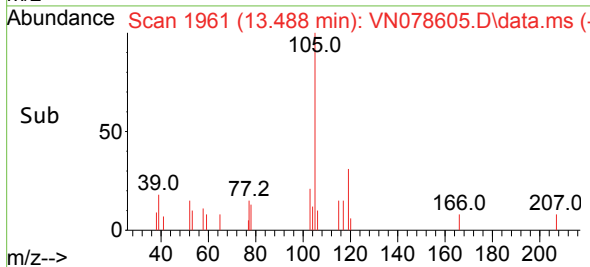
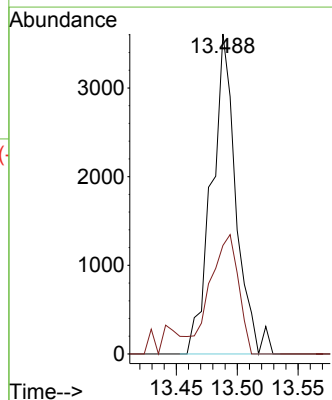
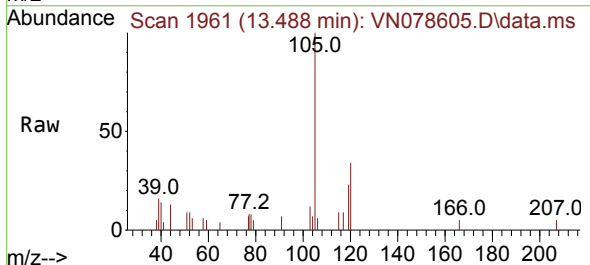
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBL01

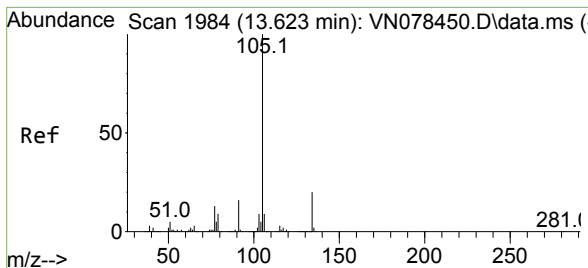
Tgt Ion:119 Resp: 3509
Ion Ratio Lower Upper
119 100
91 33.1 33.9 101.7#
134 11.0 13.2 39.6#



#84
1,2,4-Trimethylbenzene
Concen: 0.279 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078605.D
Acq: 21 Jul 2023 11:35

Tgt Ion:105 Resp: 5027
Ion Ratio Lower Upper
105 100
120 43.3 22.0 66.0

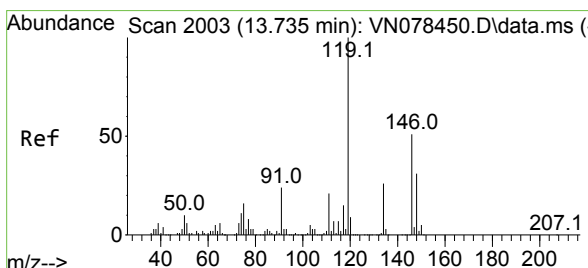
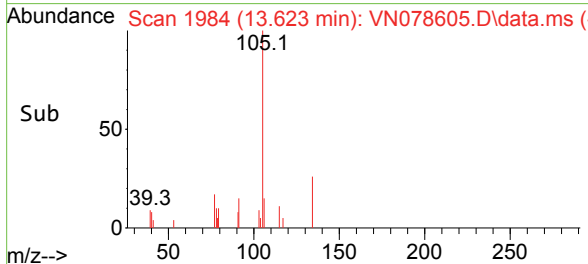
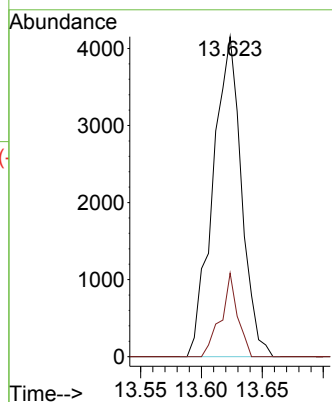
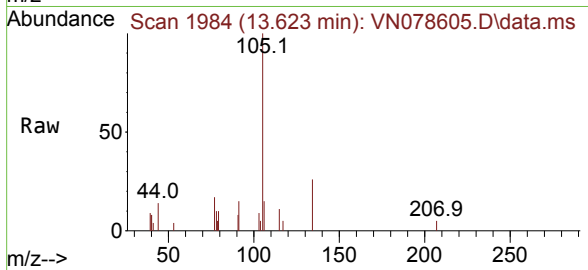




#85
 sec-Butylbenzene
 Concen: 0.341 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078605.D
 Acq: 21 Jul 2023 11:35

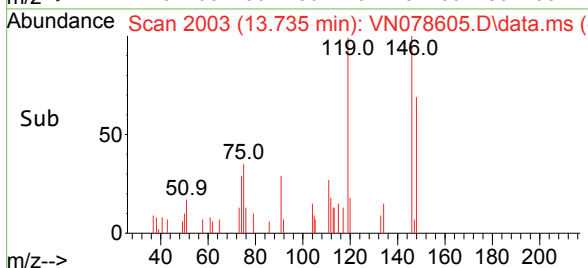
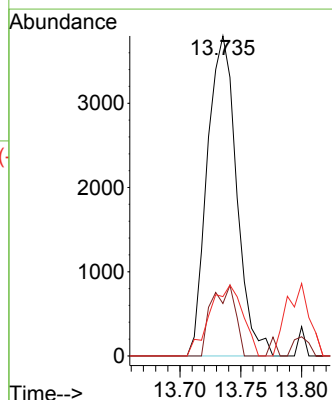
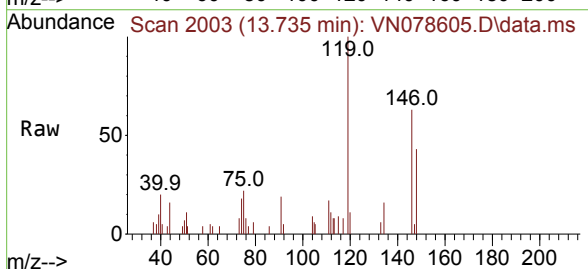
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721MBL01

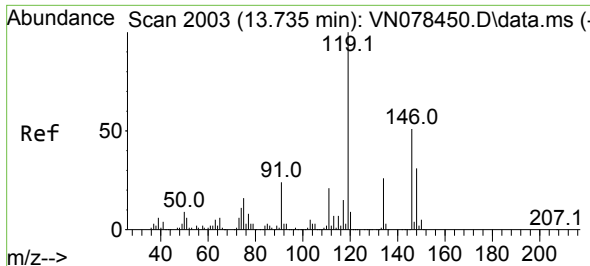
Tgt Ion:105 Resp: 6778
 Ion Ratio Lower Upper
 105 100
 134 15.3 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 0.399 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078605.D
 Acq: 21 Jul 2023 11:35

Tgt Ion:119 Resp: 6374
 Ion Ratio Lower Upper
 119 100
 134 18.0 12.6 37.8
 91 25.1 12.4 37.2

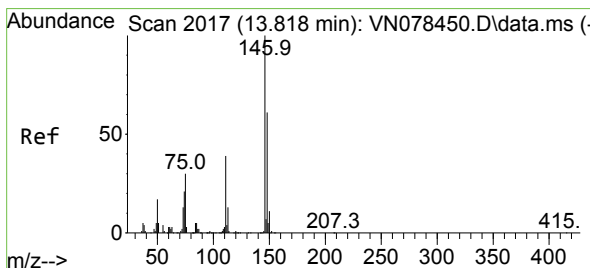
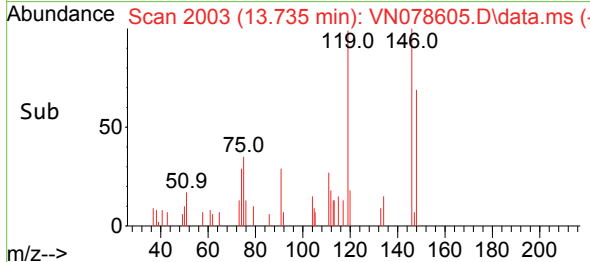
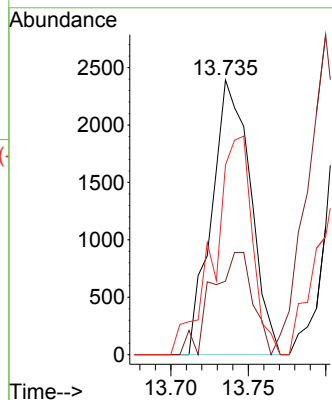
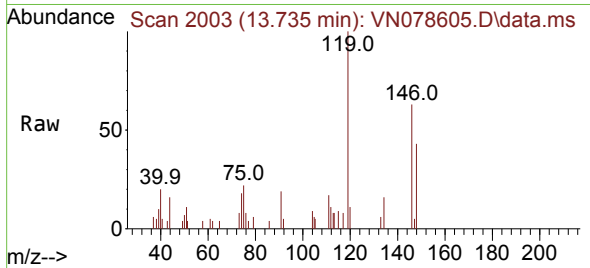




#87
1,3-Dichlorobenzene
Concen: 0.462 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN078605.D
Acq: 21 Jul 2023 11:35

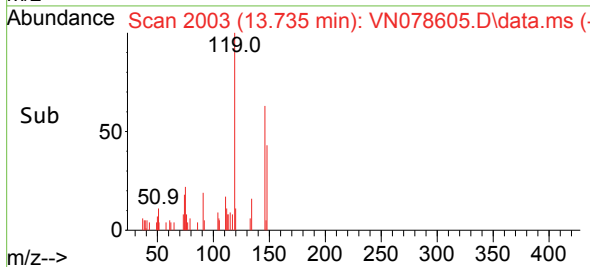
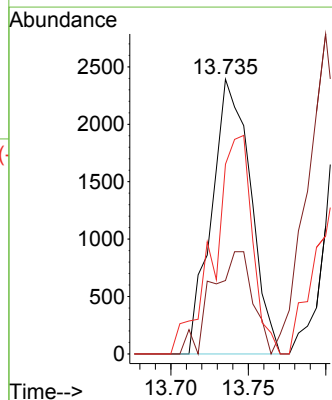
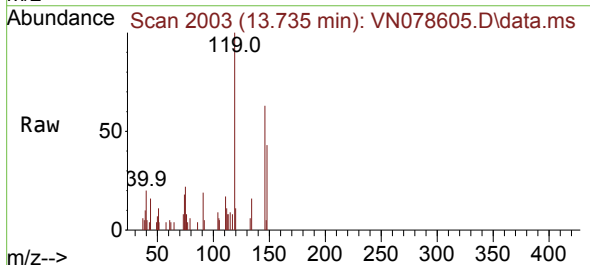
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBL01

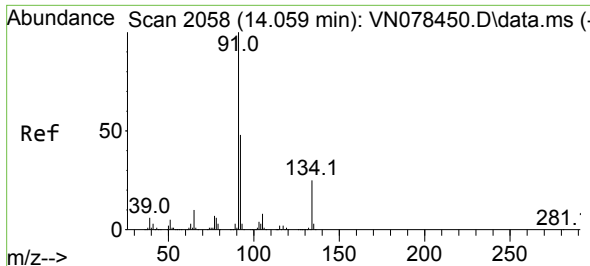
Tgt Ion:146 Resp: 4157
Ion Ratio Lower Upper
146 100
111 39.1 22.1 66.3
148 79.3 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 0.458 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.083 min
Lab File: VN078605.D
Acq: 21 Jul 2023 11:35

Tgt Ion:146 Resp: 4157
Ion Ratio Lower Upper
146 100
111 39.1 20.6 61.8
148 79.3 31.6 94.8

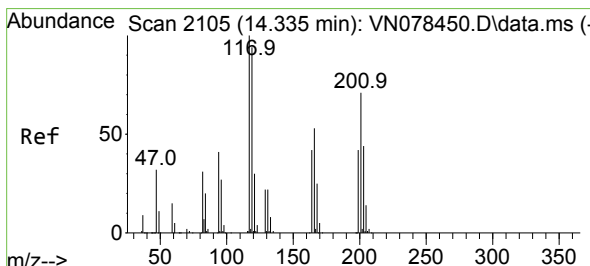
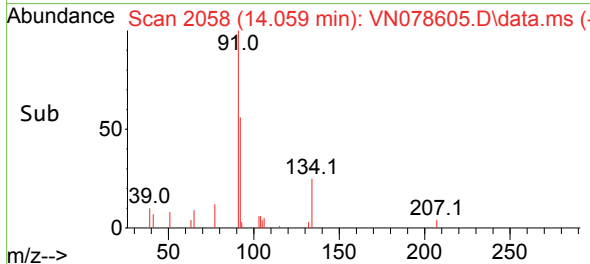
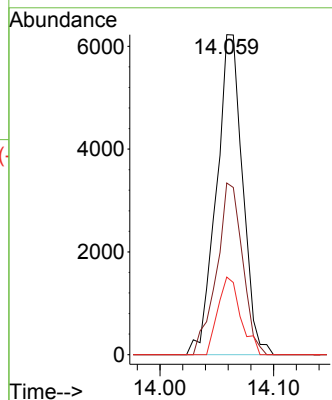
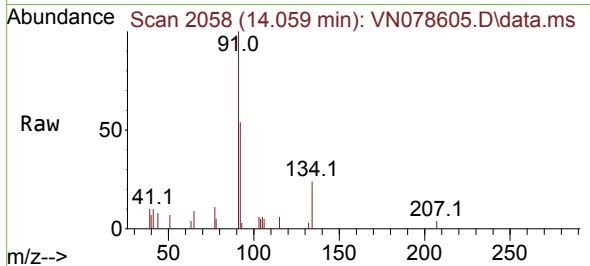




#89
n-Butylbenzene
Concen: 0.873 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078605.D
Acq: 21 Jul 2023 11:35

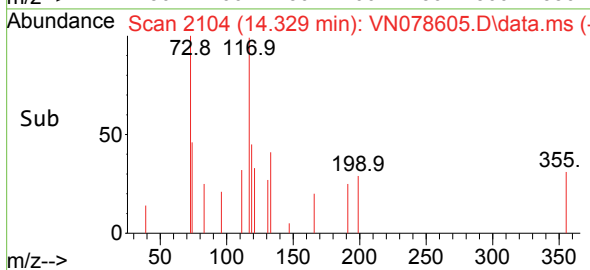
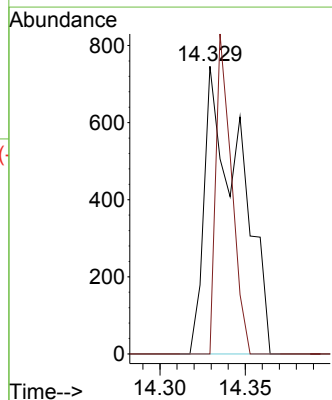
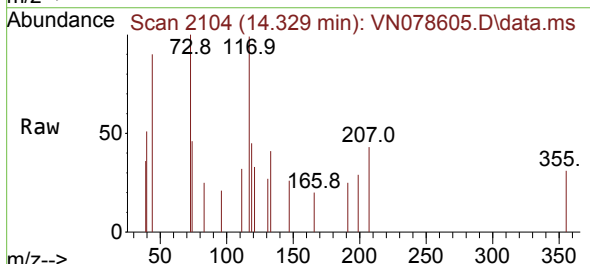
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBL01

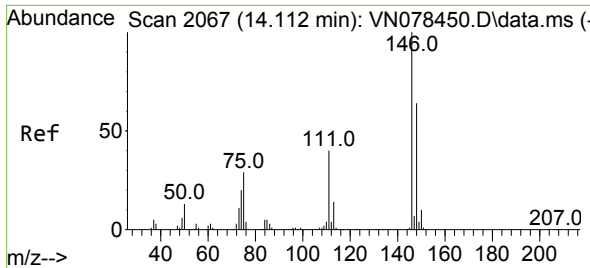
Tgt Ion:	91	Resp:	9981
Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.4	79.0
134	21.1	12.6	37.6



#90
Hexachloroethane
Concen: Below Cal
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN078605.D
Acq: 21 Jul 2023 11:35

Tgt Ion:	117	Resp:	1081
Ion	Ratio	Lower	Upper
117	100		
201	49.0	29.3	88.0

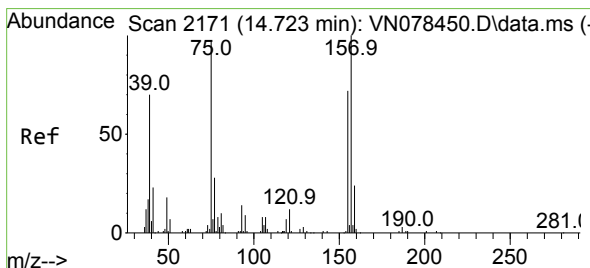
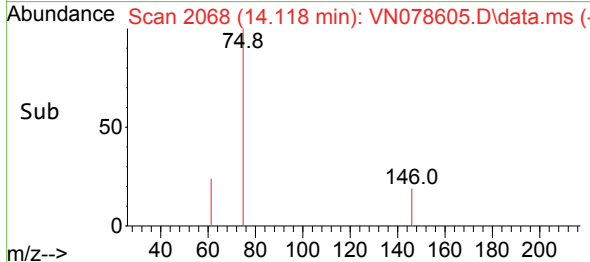
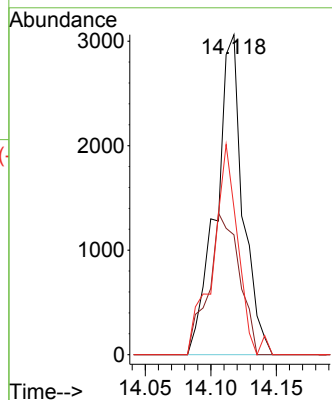
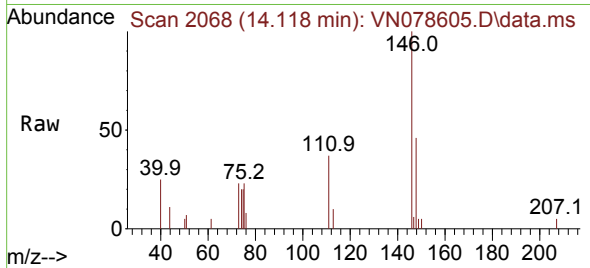




#91
1,2-Dichlorobenzene
Concen: 0.485 ug/l
RT: 14.118 min Scan# 2068
Delta R.T. 0.006 min
Lab File: VN078605.D
Acq: 21 Jul 2023 11:35

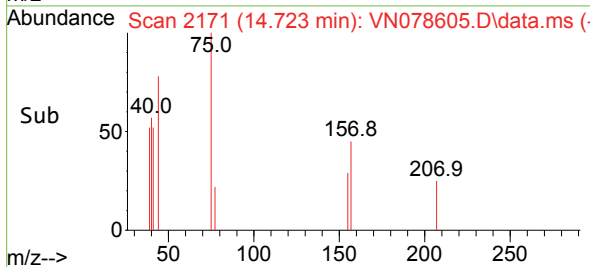
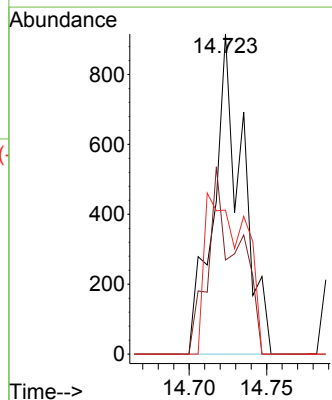
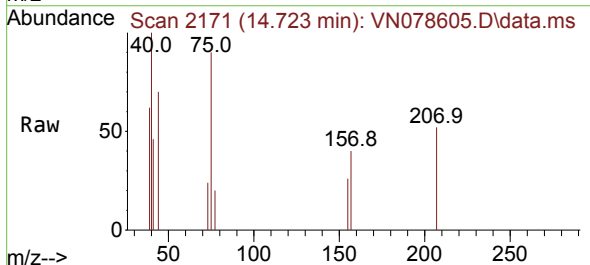
Instrument :
MSVOA_N
ClientSampleId :
VN0721MBL01

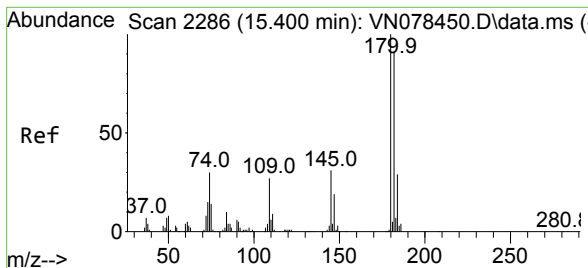
Tgt Ion:146 Resp: 4350
Ion Ratio Lower Upper
146 100
111 50.6 22.0 66.0
148 61.3 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078605.D
Acq: 21 Jul 2023 11:35

Tgt Ion: 75 Resp: 1191
Ion Ratio Lower Upper
75 100
155 59.7 39.1 117.2
157 68.2 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 1.472 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN078605.D

Acq: 21 Jul 2023 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN0721MBL01

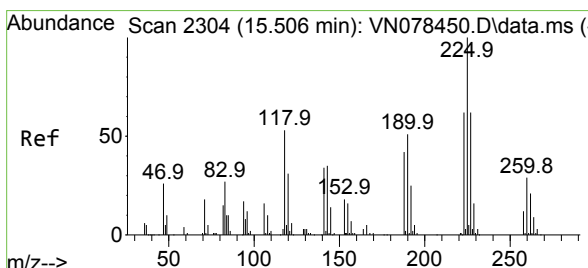
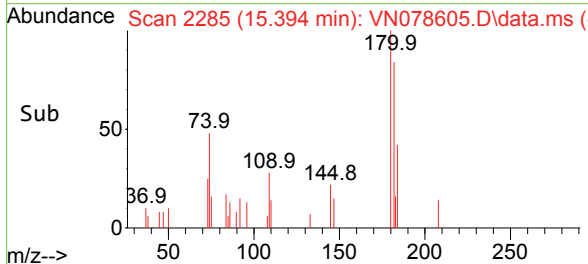
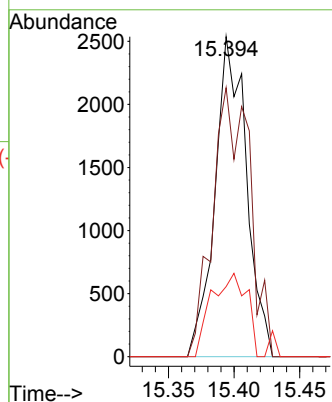
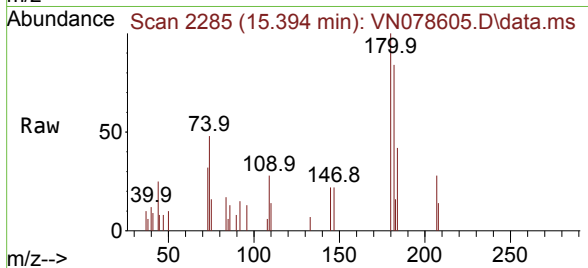
Tgt Ion:180 Resp: 4212

Ion Ratio Lower Upper

180 100

182 99.8 46.1 138.2

145 29.4 16.6 49.8



#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN078605.D

Acq: 21 Jul 2023 11:35

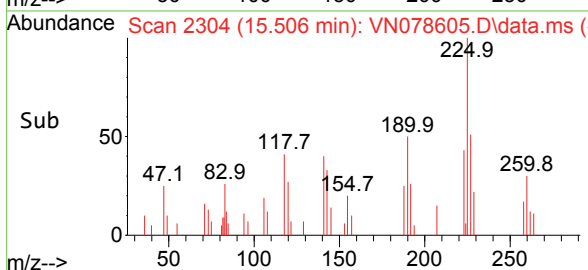
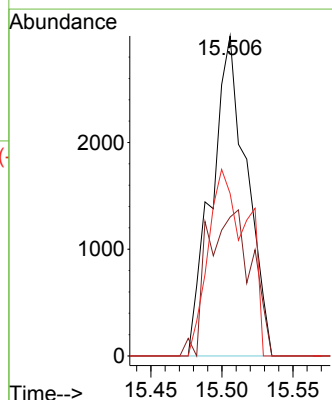
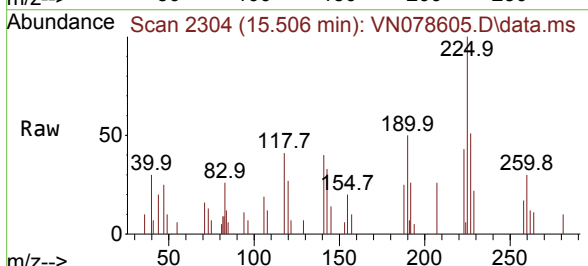
Tgt Ion:225 Resp: 5148

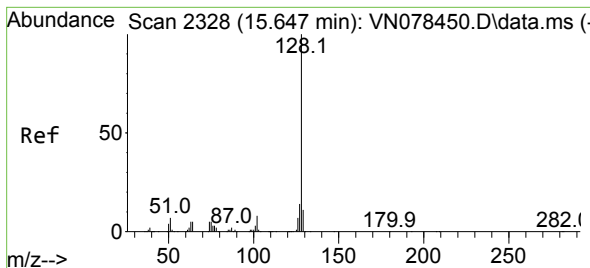
Ion Ratio Lower Upper

225 100

223 57.3 31.3 93.8

227 65.1 31.9 95.9





#95

Naphthalene

Concen: 1.664 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN078605.D

Acq: 21 Jul 2023 11:35

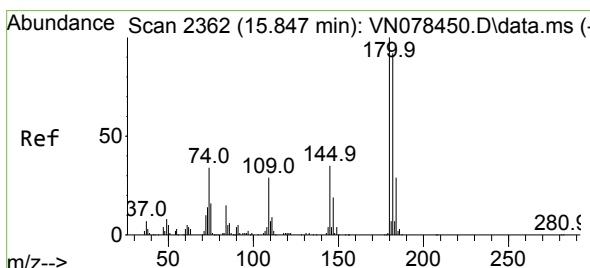
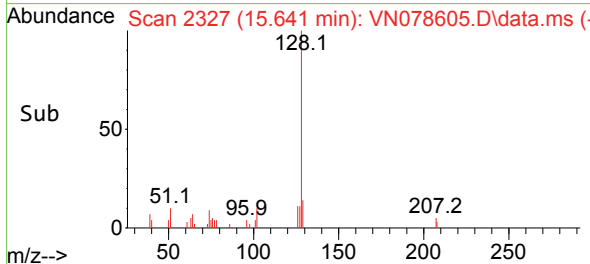
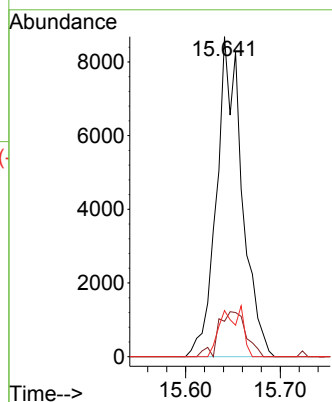
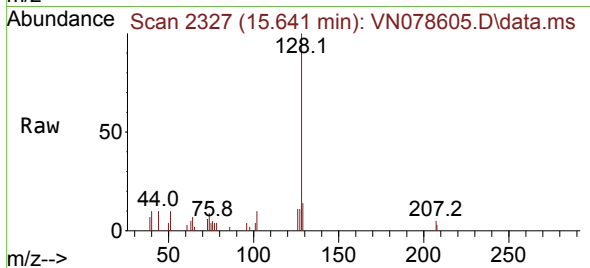
Instrument :

MSVOA_N

ClientSampleId :

VN0721MBL01

Tgt Ion:	128	Resp:	16270
Ion	Ratio	Lower	Upper
128	100		
127	15.2	10.0	15.0#
129	12.9	8.7	13.1



#96

1,2,3-Trichlorobenzene

Concen: 1.989 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN078605.D

Acq: 21 Jul 2023 11:35

Tgt Ion:	180	Resp:	6542
Ion	Ratio	Lower	Upper
180	100		
182	89.8	46.2	138.6
145	26.1	17.5	52.6

