

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072823\
 Data File : VN078677.D
 Acq On : 28 Jul 2023 10:59
 Operator : JC\MD
 Sample : VN0728MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728MBL01

Quant Time: Jul 29 00:44:02 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	8.229	168	429129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	758424	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	689560	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	237759	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	277185	48.182	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.360%
35) Dibromofluoromethane	8.171	113	271317	52.699	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.400%
50) Toluene-d8	10.576	98	906820	46.625	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.260%
62) 4-Bromofluorobenzene	12.853	95	286823	47.878	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.760%

Target Compounds				Qvalue		
3) Chloromethane	2.371	50	2316	0.405	ug/l	92
5) Bromomethane	2.971	94	4032	Below Cal	#	75
6) Chloroethane	3.118	64	1729	Below Cal	#	43
10) Methyl Iodide	4.606	142	2757	0.429	ug/l	# 87
11) Tert butyl alcohol	5.547	59	385	0.434	ug/l	# 72
13) Acrolein	4.189	56	889	1.019	ug/l	# 96
15) Acrylonitrile	5.730	53	1324	0.591	ug/l	# 58
16) Acetone	4.447	43	1464	0.817	ug/l	# 74
17) Carbon Disulfide	4.712	76	5218	0.399	ug/l	# 88
18) Methyl Acetate	5.053	43	3639	0.480	ug/l	# 63
20) Methylene Chloride	5.283	84	1496	Below Cal	#	76
25) 2-Butanone	7.518	43	1242	0.440	ug/l	# 37
29) Tetrahydrofuran	7.871	42	1335	0.721	ug/l	# 40
31) Cyclohexane	8.229	56	9703	1.248	ug/l	# 52
36) 1,1-Dichloropropene	8.229	75	32631	4.390	ug/l	# 50
38) Carbon Tetrachloride	8.235	117	44047	5.452	ug/l	# 16
43) Isopropyl Acetate	8.712	43	15232	1.493	ug/l	# 49
49) 1,4-Dioxane	9.700	88	57	0.553	ug/l	# 20
51) 4-Methyl-2-Pentanone	10.453	43	3713	0.612	ug/l	# 61
59) 2-Hexanone	11.206	43	5508	1.277	ug/l	# 89
68) m/p-Xylenes	12.070	106	1965	0.204	ug/l	# 36
74) N-amyl acetate	12.506	43	2798	0.363	ug/l	# 71
75) 1,1,2,2-Tetrachloroethane	12.941	83	1630	Below Cal	#	82
76) 1,2,3-Trichloropropane	12.859	75	153031	26.628	ug/l	# 1
77) Bromobenzene	12.976	156	1582	Below Cal		55
81) trans-1,4-Dichloro-2-b...	12.859	75	153031	69.974	ug/l	# 15
82) 4-Chlorotoluene	13.229	91	4058	0.278	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	4580	0.267	ug/l	95
85) sec-Butylbenzene	13.623	105	5333	0.282	ug/l	98
86) p-Isopropyltoluene	13.735	119	4922	0.324	ug/l	95
87) 1,3-Dichlorobenzene	13.741	146	3416	0.398	ug/l	89
88) 1,4-Dichlorobenzene	13.741	146	3416	0.395	ug/l	90
89) n-Butylbenzene	14.064	91	8324	0.765	ug/l	90
90) Hexachloroethane	14.335	117	1149	Below Cal		80
91) 1,2-Dichlorobenzene	14.117	146	3353	0.393	ug/l	88
92) 1,2-Dibromo-3-Chloropr...	14.723	75	757	Below Cal		76

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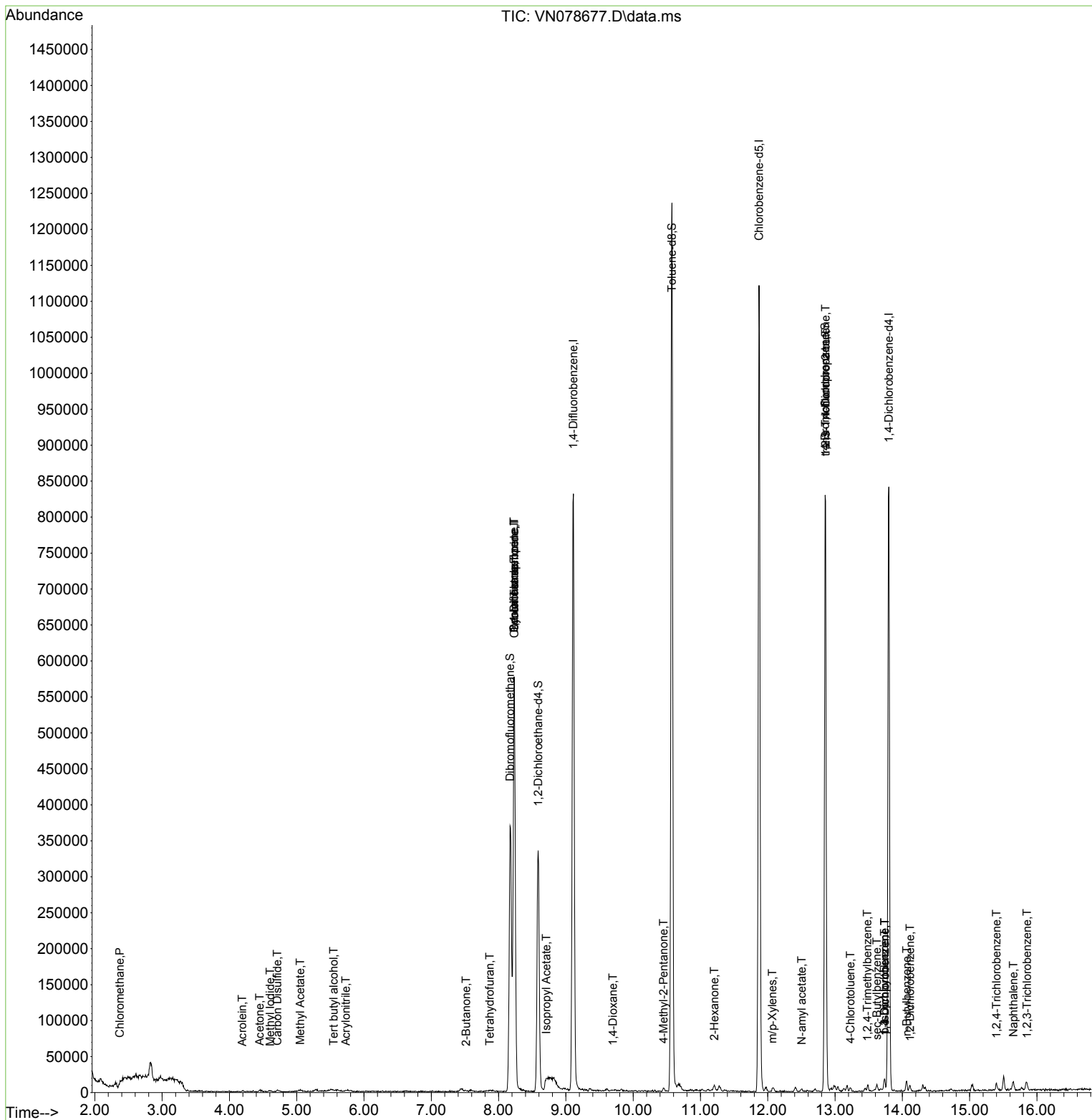
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MSVOA_N
ClientSampleId :
VN0728MBL01

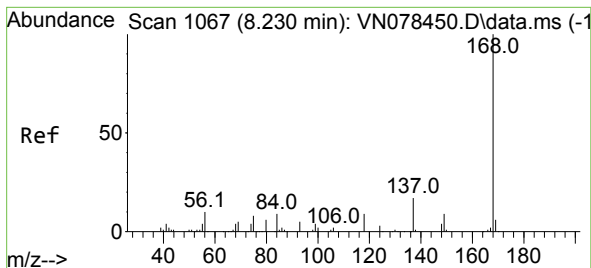
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Quant Title : SW846 8260
QLast Update : Mon Jul 10 16:13:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.400	180	3666	1.346	ug/l	87
94) Hexachlorobutadiene	15.506	225	3442	Below Cal		93
95) Naphthalene	15.653	128	11523	1.237	ug/l	99
96) 1,2,3-Trichlorobenzene	15.853	180	4316	1.378	ug/l #	56

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.001 min

Lab File: VN078677.D

Acq: 28 Jul 2023 10:59

Instrument :

MSVOA_N

ClientSampleId :

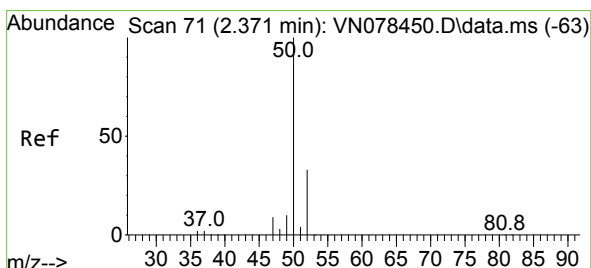
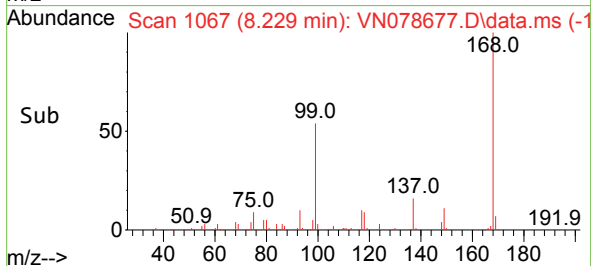
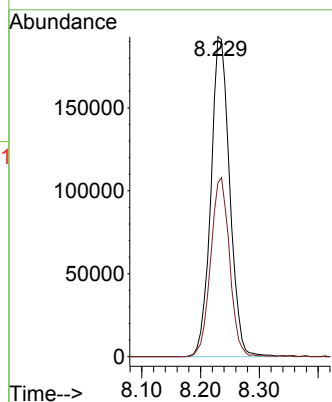
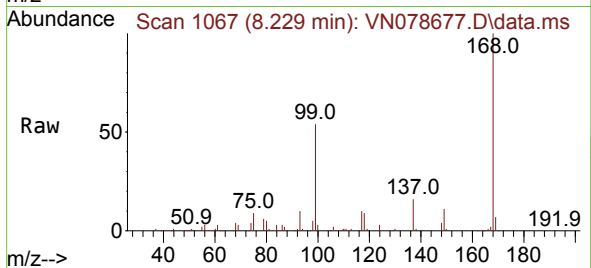
VN0728MBL01

Tgt Ion:168 Resp: 429129

Ion Ratio Lower Upper

168 100

99 54.3 53.0 79.6



#3

Chloromethane

Concen: 0.405 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN078677.D

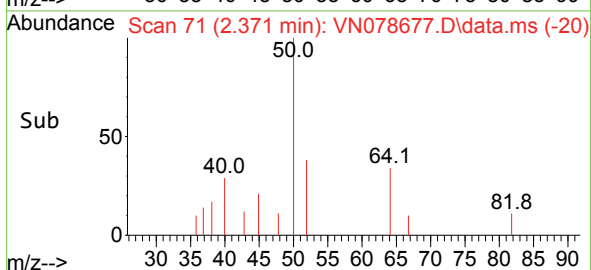
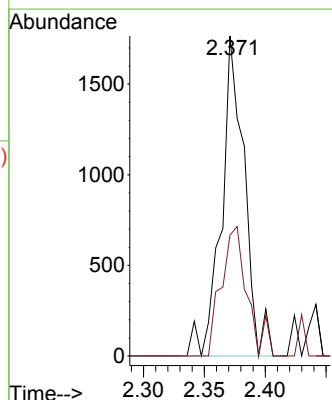
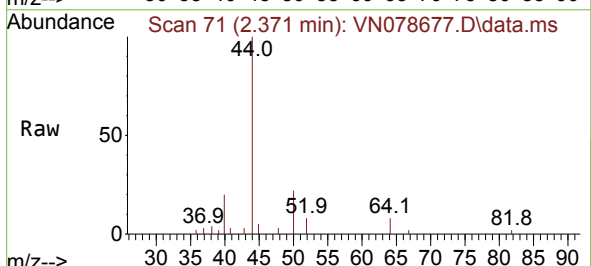
Acq: 28 Jul 2023 10:59

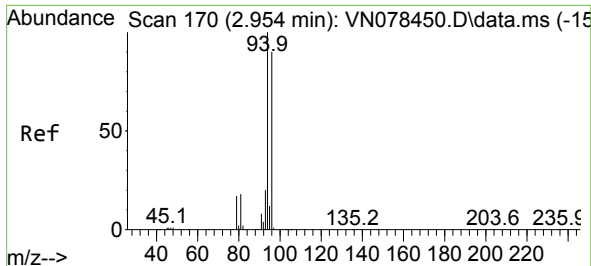
Tgt Ion: 50 Resp: 2316

Ion Ratio Lower Upper

50 100

52 37.8 26.5 39.7

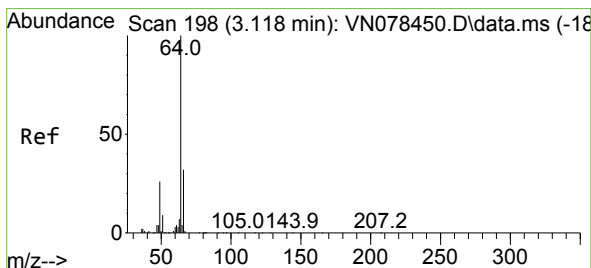
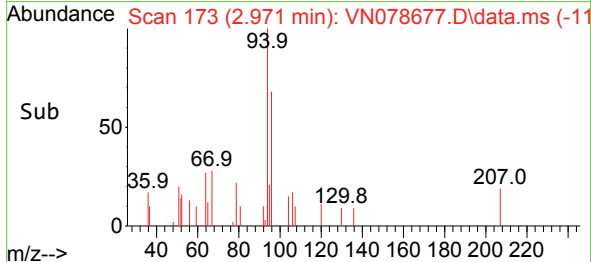
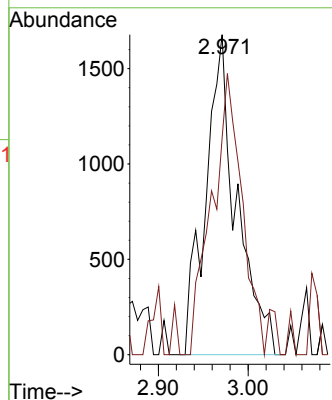
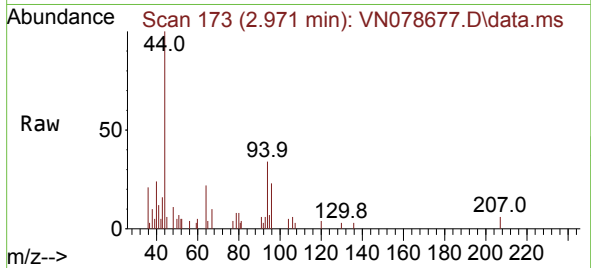




#5
Bromomethane
Concen: Below Cal
RT: 2.971 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN078677.D
Acq: 28 Jul 2023 10:59

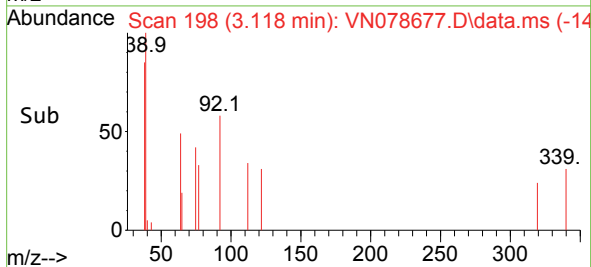
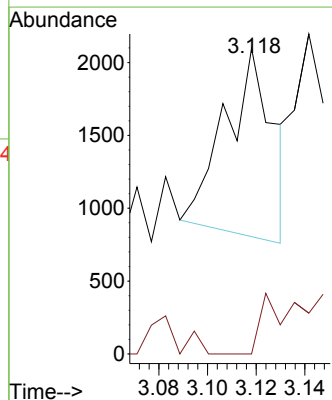
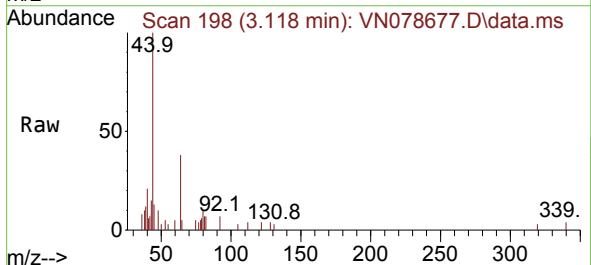
Instrument :
MSVOA_N
ClientSampleId :
VN0728MBL01

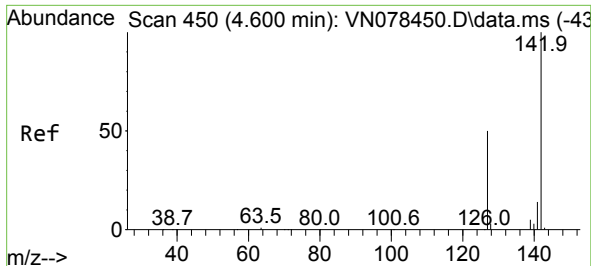
Tgt Ion: 94 Resp: 4032
Ion Ratio Lower Upper
94 100
96 67.7 73.1 109.7#



#6
Chloroethane
Concen: Below Cal
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN078677.D
Acq: 28 Jul 2023 10:59

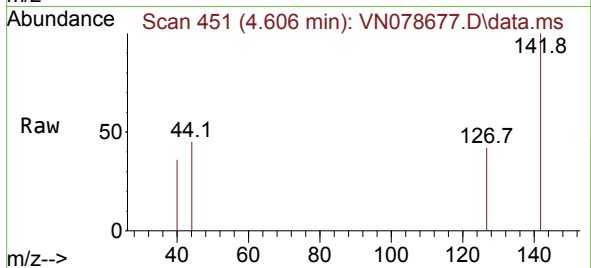
Tgt Ion: 64 Resp: 1729
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



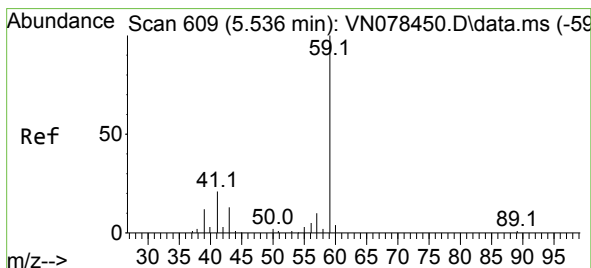
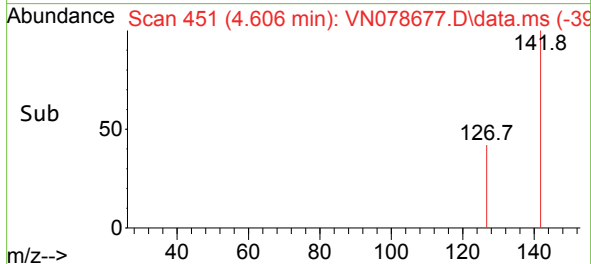
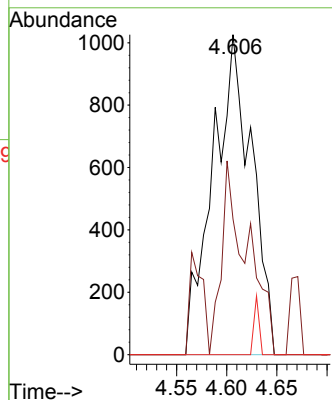


#10
Methyl Iodide
Concen: 0.429 ug/l
RT: 4.606 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN078677.D
Acq: 28 Jul 2023 10:59

Instrument :
MSVOA_N
ClientSampleId :
VN0728MBL01

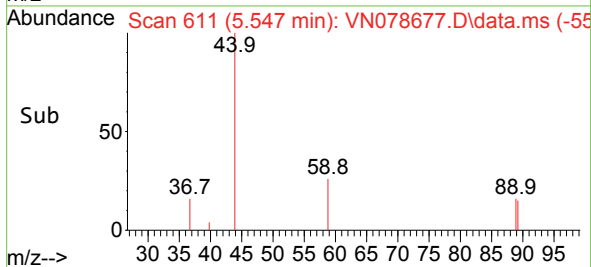
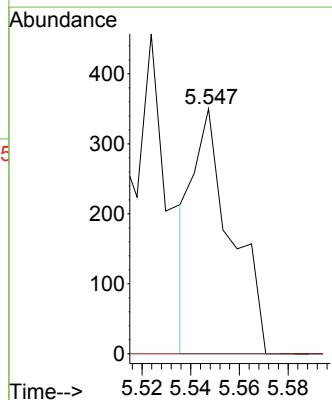
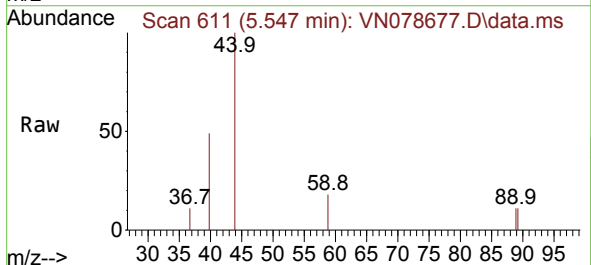


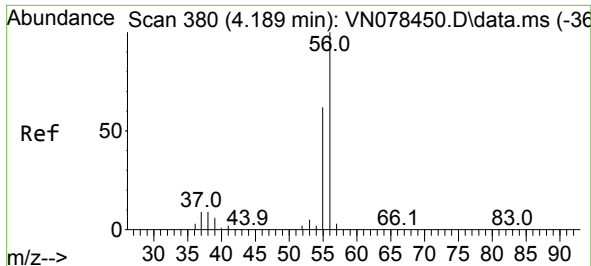
Tgt Ion:142 Resp: 2757
Ion Ratio Lower Upper
142 100
127 42.4 37.6 56.4
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.434 ug/l
RT: 5.547 min Scan# 611
Delta R.T. 0.011 min
Lab File: VN078677.D
Acq: 28 Jul 2023 10:59

Tgt Ion: 59 Resp: 385
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

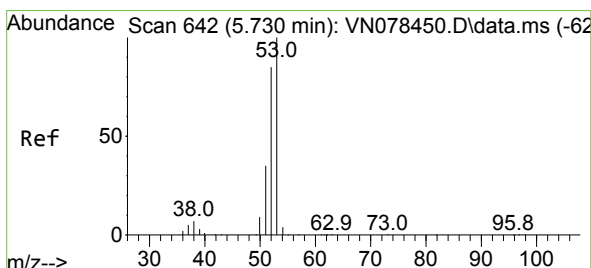
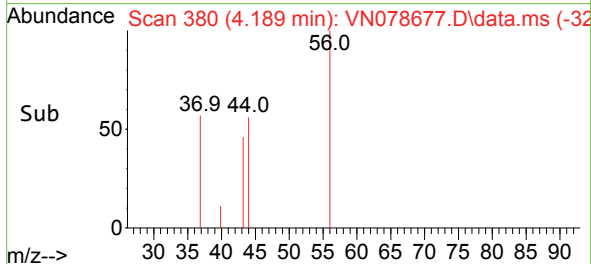
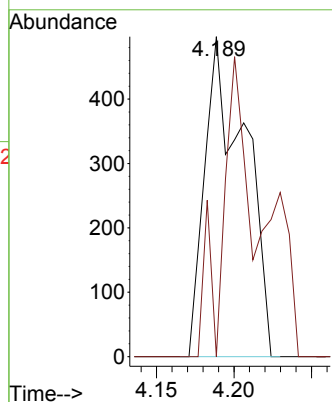
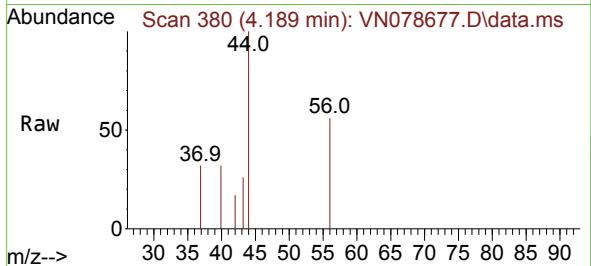




#13
Acrolein
Concen: 1.019 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN078677.D
Acq: 28 Jul 2023 10:59

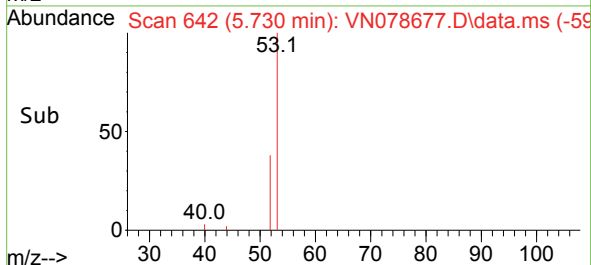
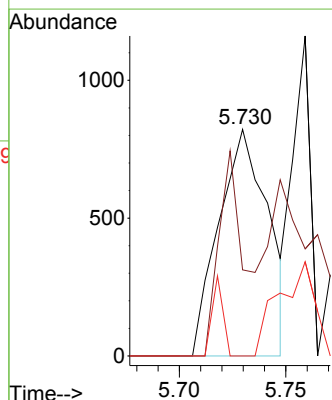
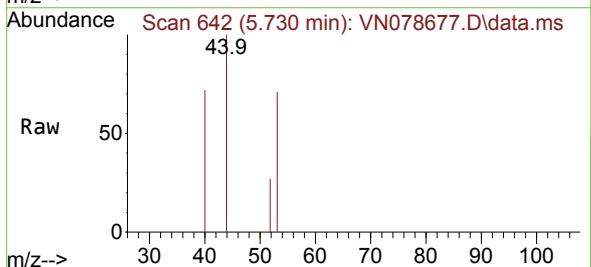
Instrument :
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ClientSampleId :
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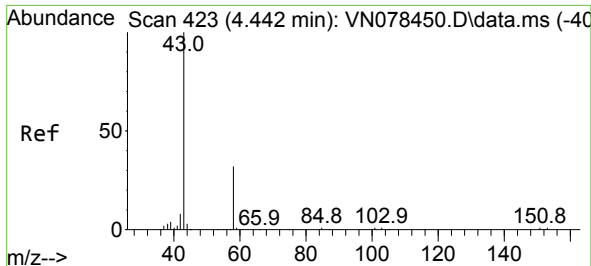
Tgt Ion: 56 Resp: 889
Ion Ratio Lower Upper
56 100
55 65.2 54.5 81.7



#15
Acrylonitrile
Concen: 0.591 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078677.D
Acq: 28 Jul 2023 10:59

Tgt Ion: 53 Resp: 1324
Ion Ratio Lower Upper
53 100
52 46.8 65.3 97.9#
51 7.7 28.9 43.3#

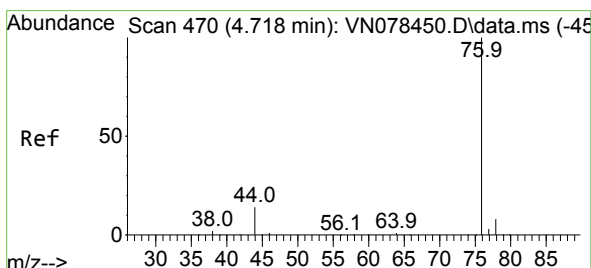
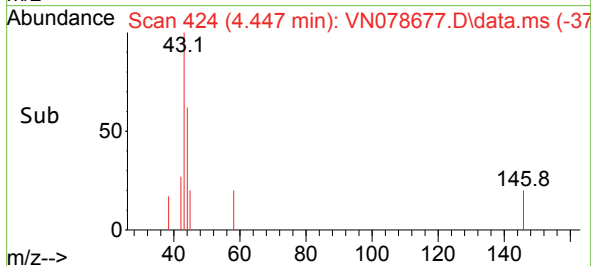
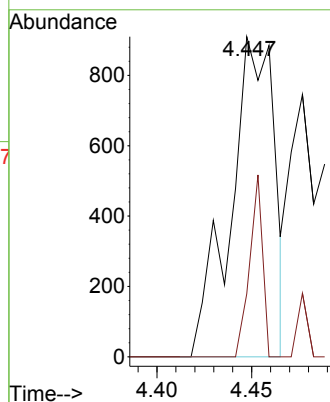
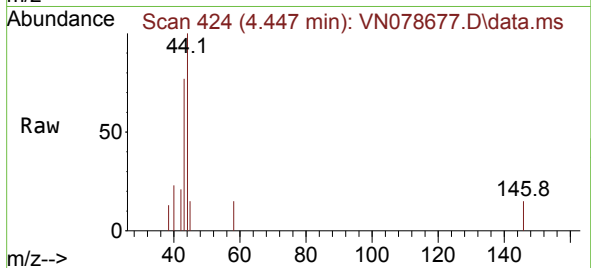




#16
Acetone
Concen: 0.817 ug/l
RT: 4.447 min Scan# 41
Delta R.T. 0.005 min
Lab File: VN078677.D
Acq: 28 Jul 2023 10:59

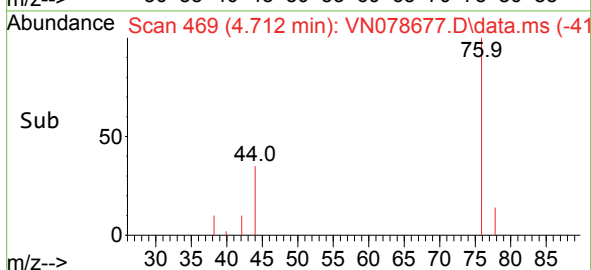
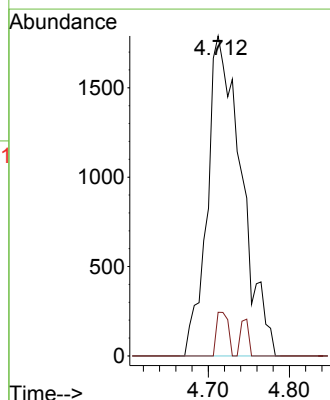
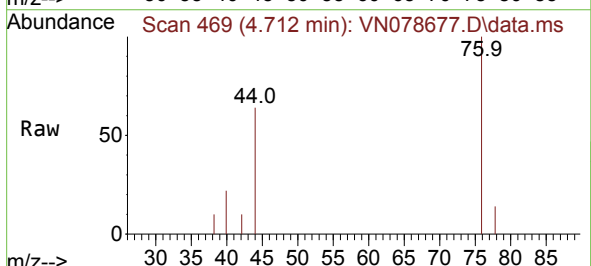
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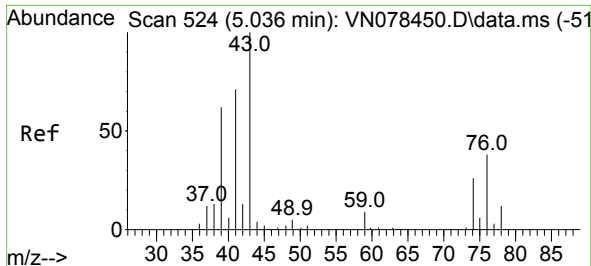
Tgt Ion: 43 Resp: 1464
Ion Ratio Lower Upper
43 100
58 19.7 28.0 42.0#



#17
Carbon Disulfide
Concen: 0.399 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.006 min
Lab File: VN078677.D
Acq: 28 Jul 2023 10:59

Tgt Ion: 76 Resp: 5218
Ion Ratio Lower Upper
76 100
78 13.6 7.4 11.0#

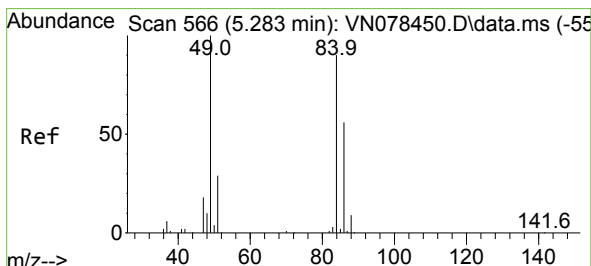
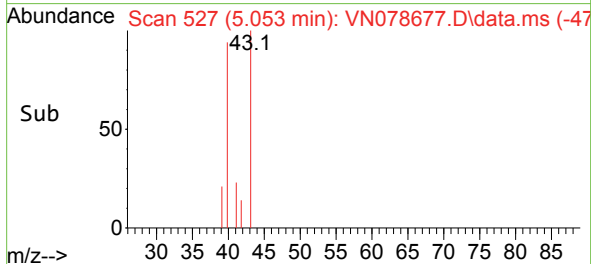
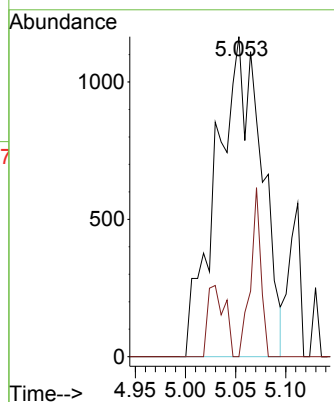
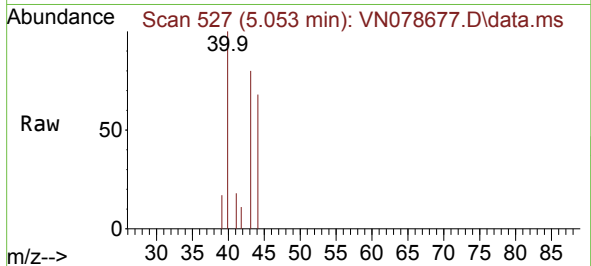




#18
Methyl Acetate
Concen: 0.480 ug/l
RT: 5.053 min Scan# 51
Delta R.T. 0.017 min
Lab File: VN078677.D
Acq: 28 Jul 2023 10:59

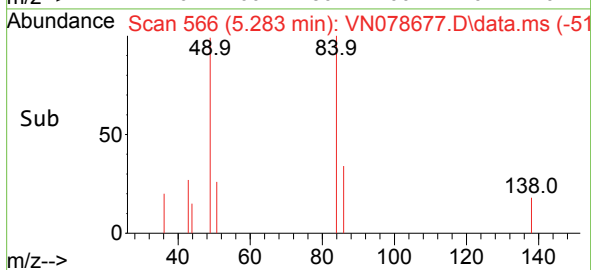
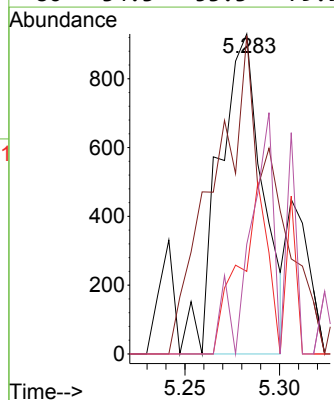
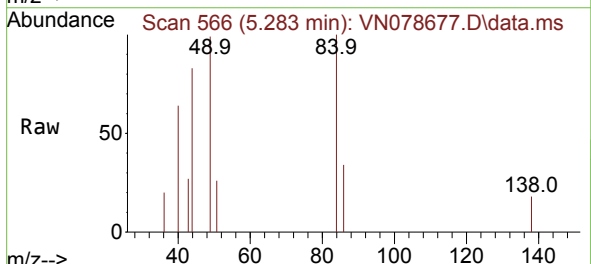
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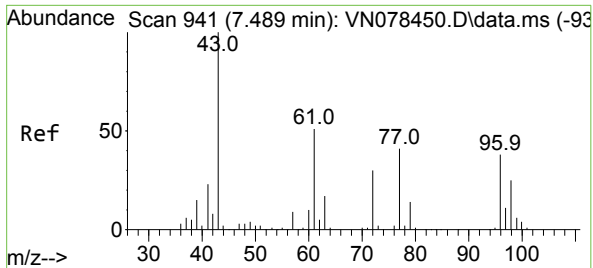
Tgt Ion: 43 Resp: 3639
Ion Ratio Lower Upper
43 100
74 12.0 26.2 39.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN078677.D
Acq: 28 Jul 2023 10:59

Tgt Ion: 84 Resp: 1496
Ion Ratio Lower Upper
84 100
49 81.6 79.7 119.5
51 25.8 25.2 37.8
86 34.3 53.3 79.9#

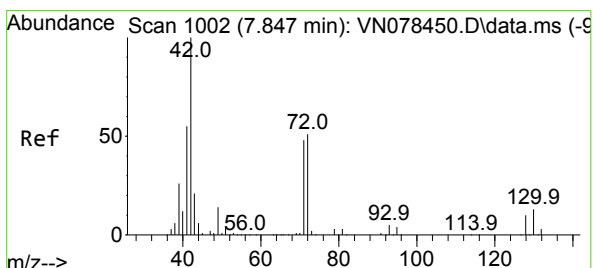
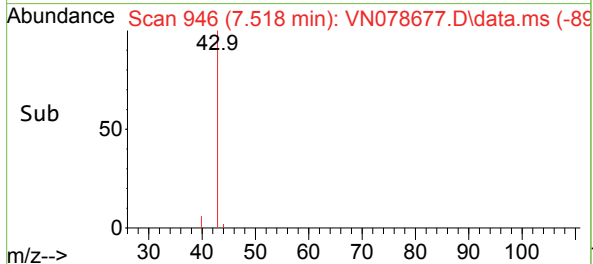
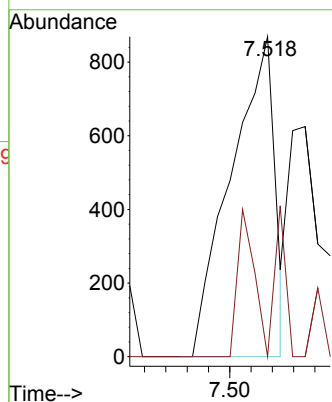
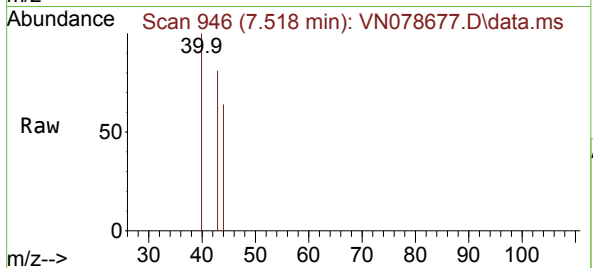




#25
2-Butanone
Concen: 0.440 ug/l
RT: 7.518 min Scan# 941
Delta R.T. 0.029 min
Lab File: VN078677.D
Acq: 28 Jul 2023 10:59

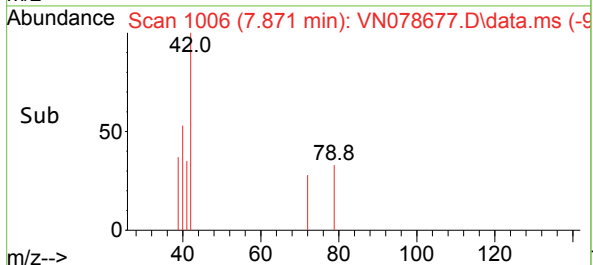
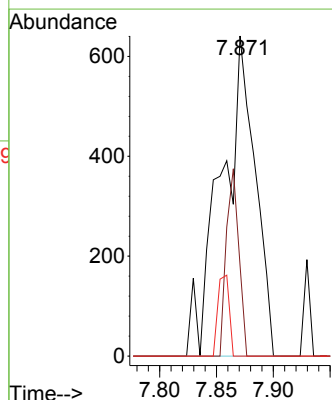
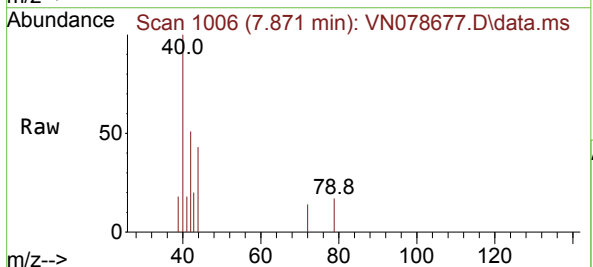
Instrument :
MSVOA_N
ClientSampleId :
VN0728MBL01

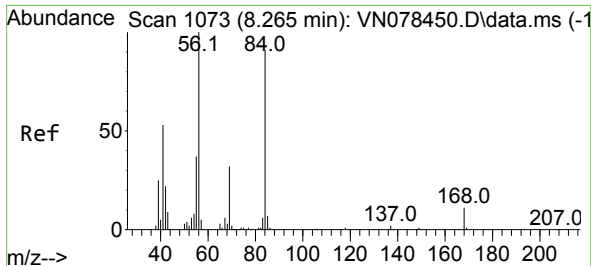
Tgt Ion: 43 Resp: 1242
Ion Ratio Lower Upper
43 100
72 0.0 30.2 45.2#



#29
Tetrahydrofuran
Concen: 0.721 ug/l
RT: 7.871 min Scan# 1006
Delta R.T. 0.024 min
Lab File: VN078677.D
Acq: 28 Jul 2023 10:59

Tgt Ion: 42 Resp: 1335
Ion Ratio Lower Upper
42 100
72 21.6 49.8 74.6#
71 8.4 47.4 71.2#

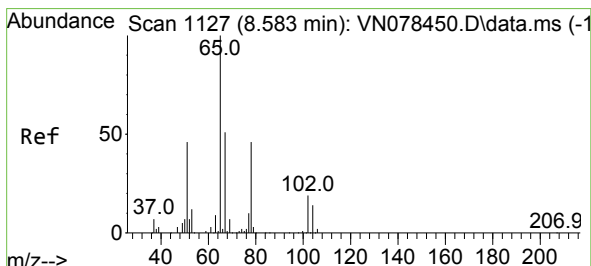
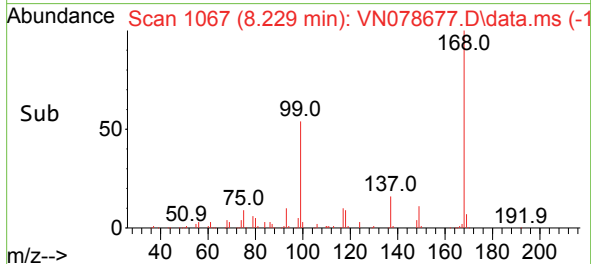
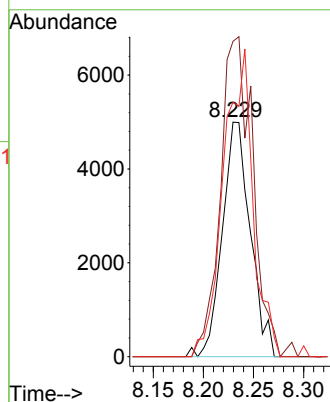
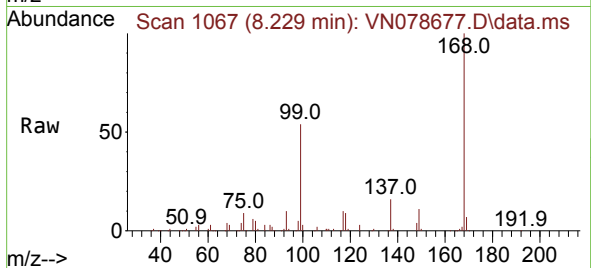




#31
Cyclohexane
Concen: 1.248 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.036 min
Lab File: VN078677.D
Acq: 28 Jul 2023 10:59

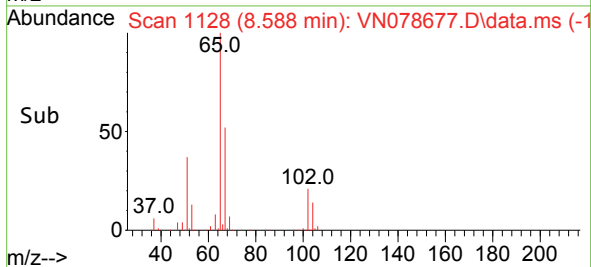
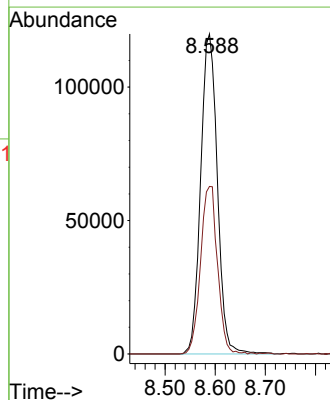
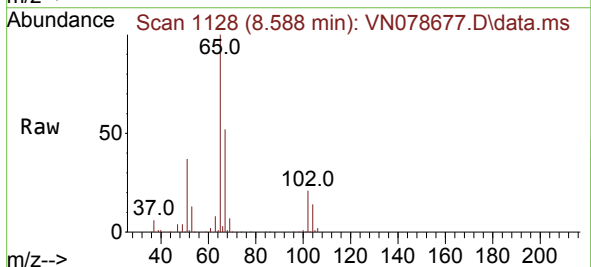
Instrument :
MSVOA_N
ClientSampleId :
VN0728MBL01

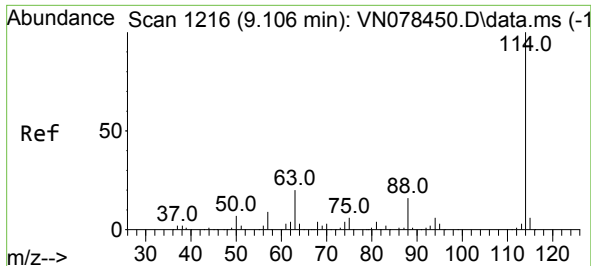
Tgt Ion: 56 Resp: 9703
Ion Ratio Lower Upper
56 100
69 134.4 26.8 40.2#
84 108.4 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 48.182 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN078677.D
Acq: 28 Jul 2023 10:59

Tgt Ion: 65 Resp: 277185
Ion Ratio Lower Upper
65 100
67 53.3 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078677.D

Acq: 28 Jul 2023 10:59

Instrument :

MSVOA_N

ClientSampleId :

VN0728MBL01

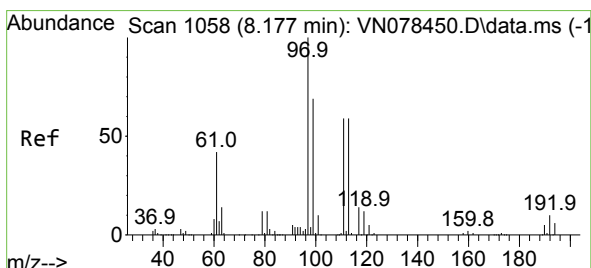
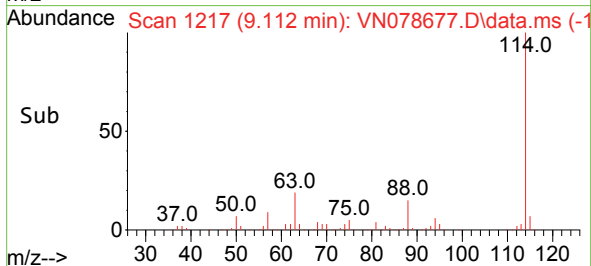
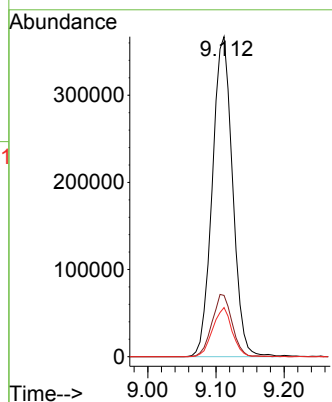
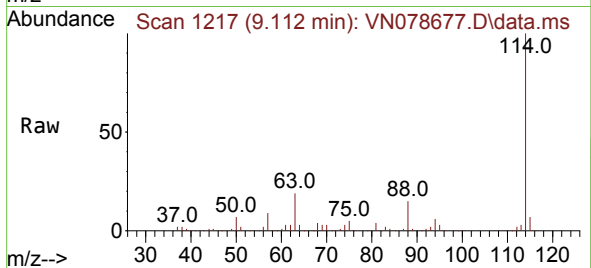
Tgt Ion:114 Resp: 758424

Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.699 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078677.D

Acq: 28 Jul 2023 10:59

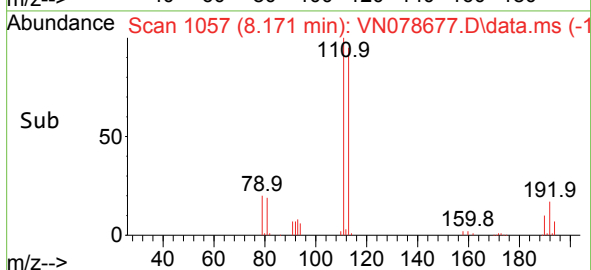
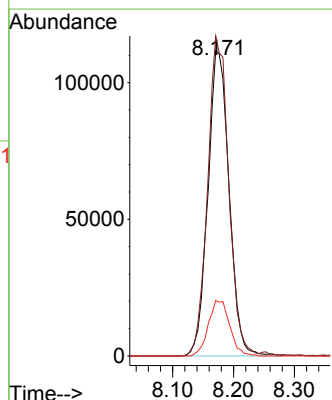
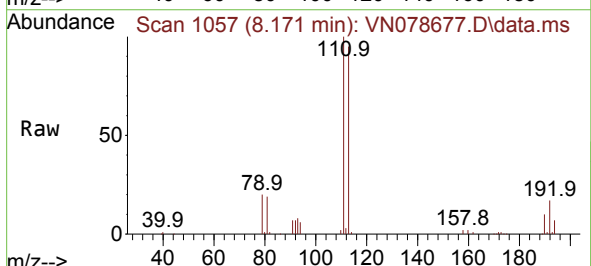
Tgt Ion:113 Resp: 271317

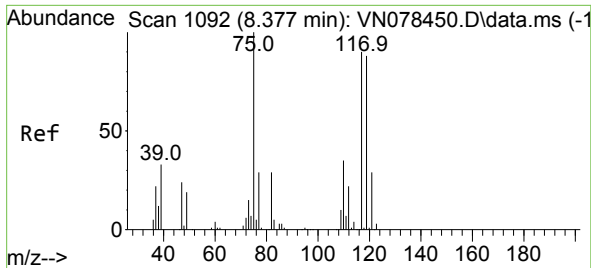
Ion Ratio Lower Upper

113 100

111 103.7 82.6 123.8

192 18.3 12.7 19.1

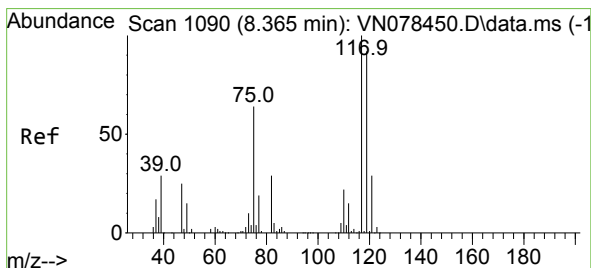
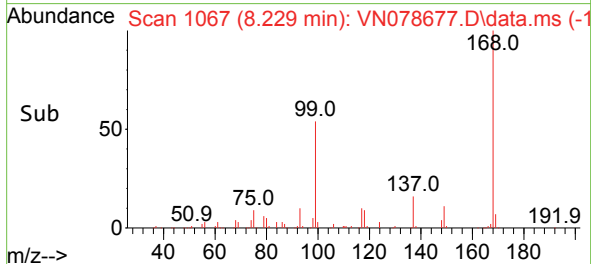
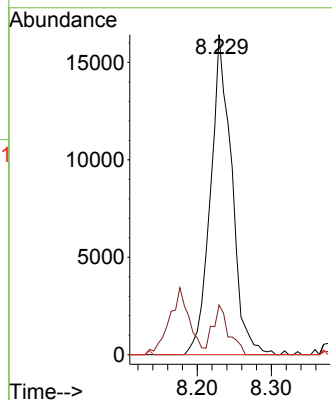
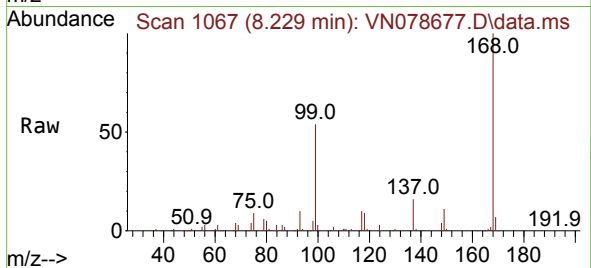




#36
1,1-Dichloropropene
Concen: 4.390 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.148 min
Lab File: VN078677.D
Acq: 28 Jul 2023 10:59

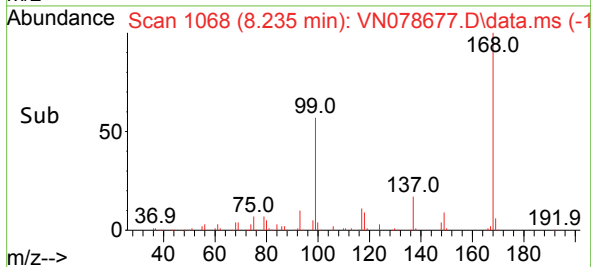
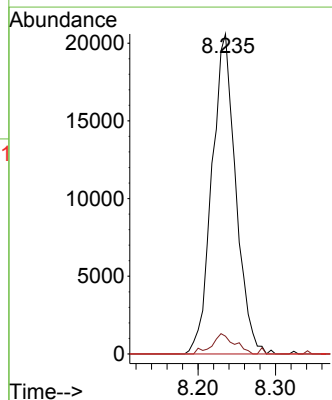
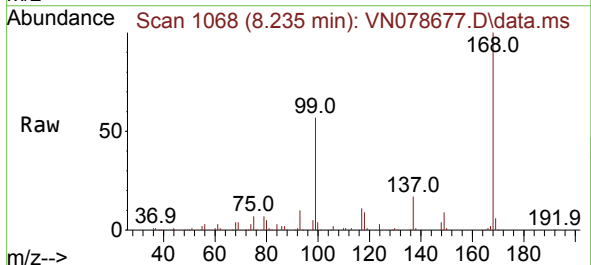
Instrument :
MSVOA_N
ClientSampleId :
VN0728MBL01

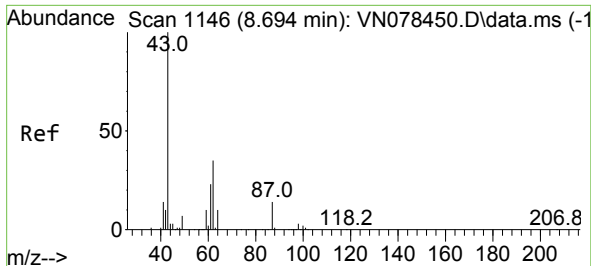
Tgt Ion: 75 Resp: 32631
Ion Ratio Lower Upper
75 100
110 11.5 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.452 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.130 min
Lab File: VN078677.D
Acq: 28 Jul 2023 10:59

Tgt Ion: 117 Resp: 44047
Ion Ratio Lower Upper
117 100
119 5.5 77.3 115.9#
121 0.0 23.3 34.9#

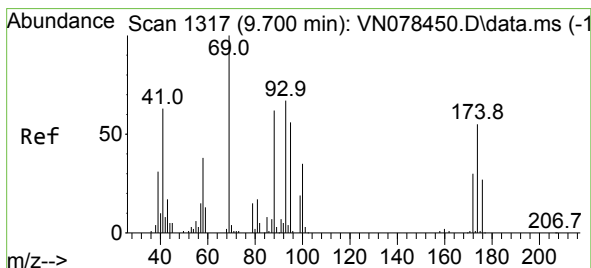
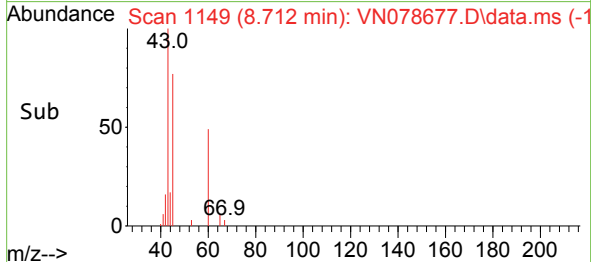
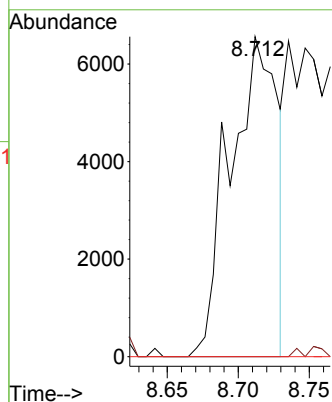
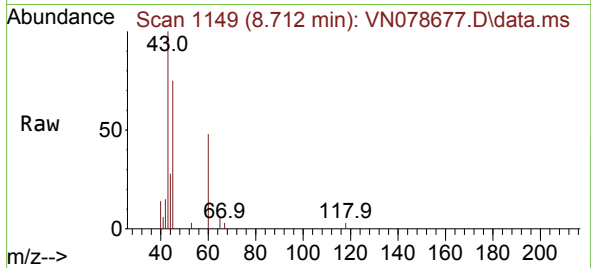




#43
Isopropyl Acetate
Concen: 1.493 ug/l
RT: 8.712 min Scan# 1149
Delta R.T. 0.018 min
Lab File: VN078677.D
Acq: 28 Jul 2023 10:59

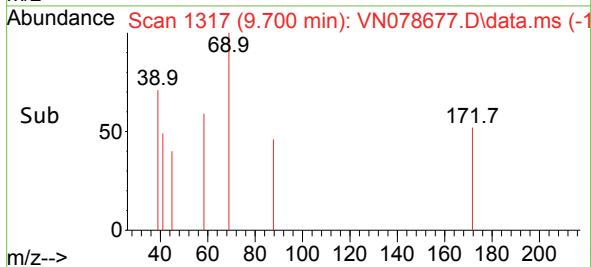
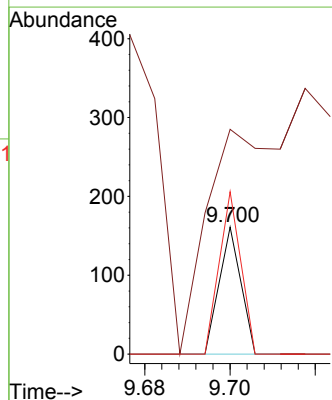
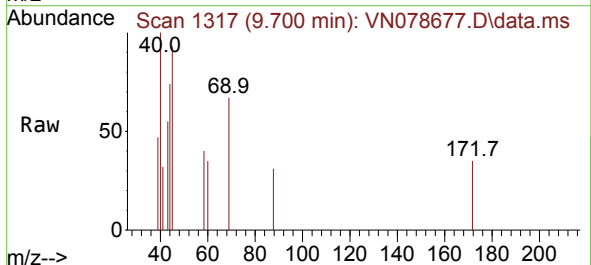
Instrument :
MSVOA_N
ClientSampleId :
VN0728MBL01

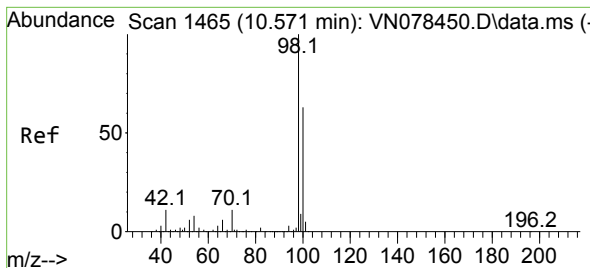
Tgt Ion: 43 Resp: 15232
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#49
1,4-Dioxane
Concen: 0.553 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN078677.D
Acq: 28 Jul 2023 10:59

Tgt Ion: 88 Resp: 57
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6#
58 128.1 47.0 70.4#

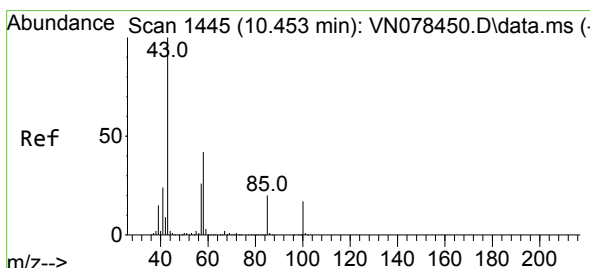
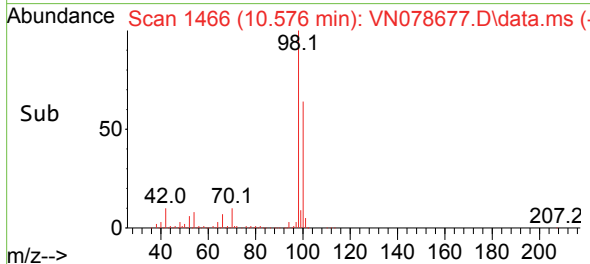
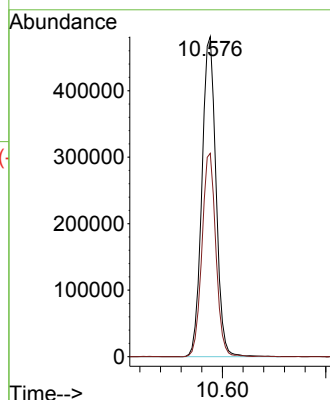
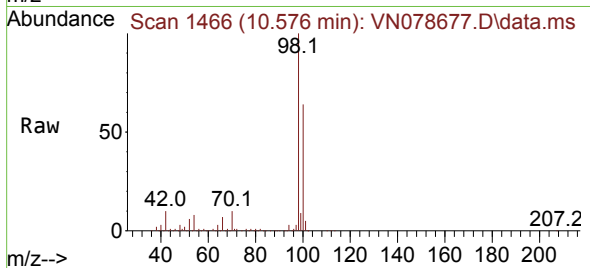




#50
Toluene-d8
Concen: 46.625 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.005 min
Lab File: VN078677.D
Acq: 28 Jul 2023 10:59

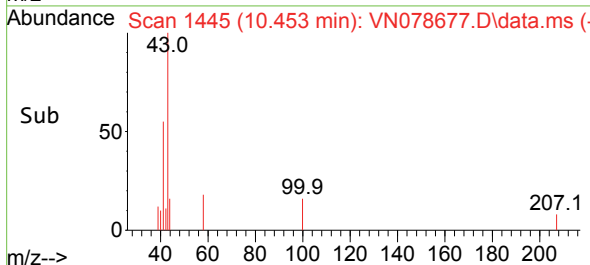
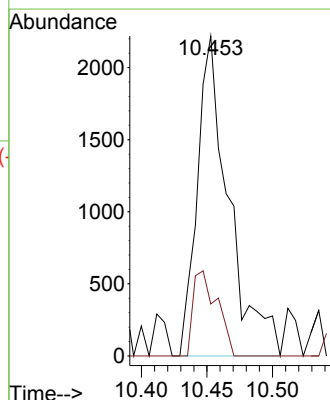
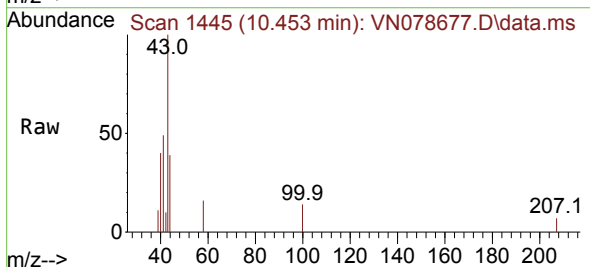
Instrument :
MSVOA_N
ClientSampleId :
VN0728MBL01

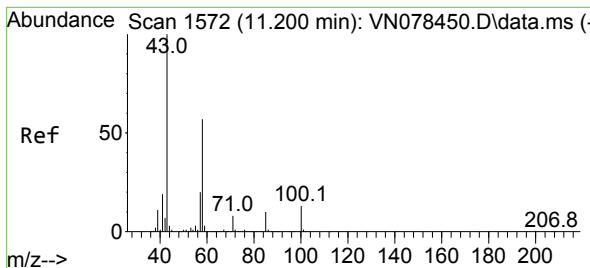
Tgt Ion: 98 Resp: 906820
Ion Ratio Lower Upper
98 100
100 62.9 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.612 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078677.D
Acq: 28 Jul 2023 10:59

Tgt Ion: 43 Resp: 3713
Ion Ratio Lower Upper
43 100
58 20.1 36.6 54.8#

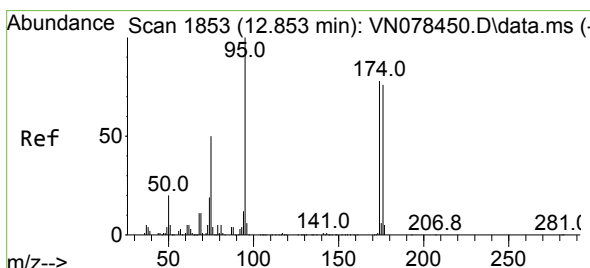
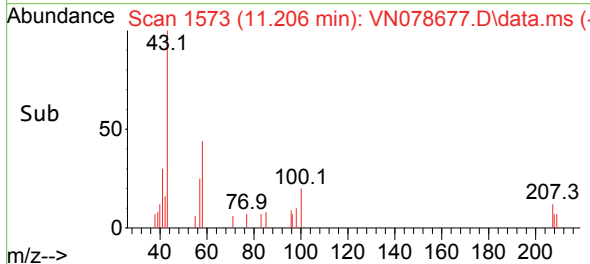
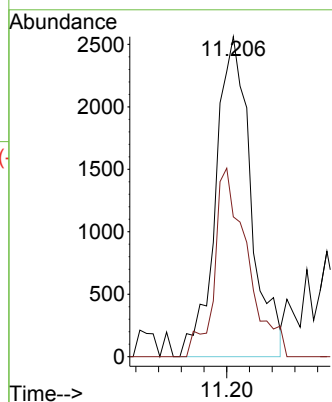
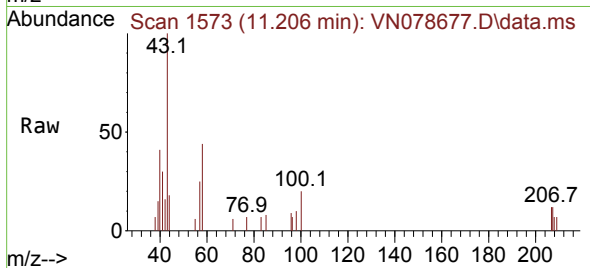




#59
2-Hexanone
Concen: 1.277 ug/l
RT: 11.206 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN078677.D
Acq: 28 Jul 2023 10:59

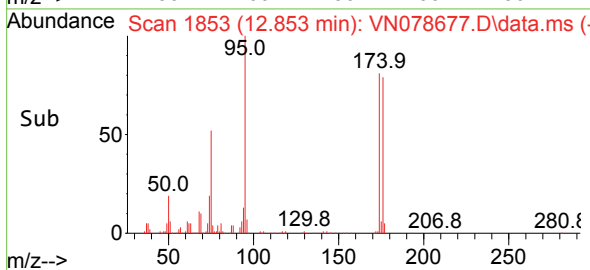
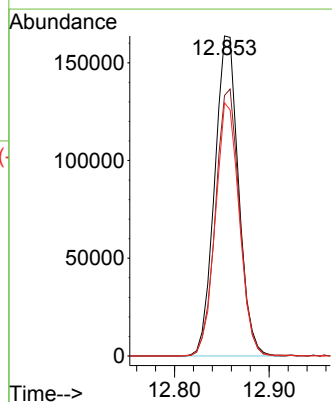
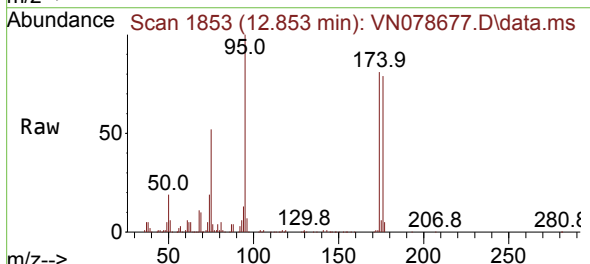
Instrument :
MSVOA_N
ClientSampleId :
VN0728MBL01

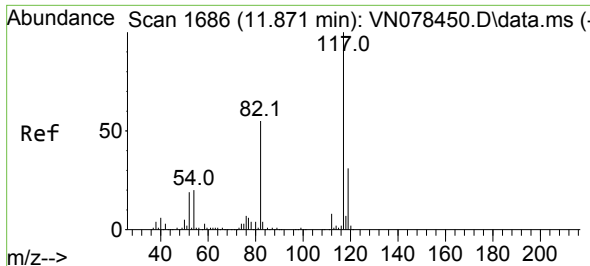
Tgt Ion: 43 Resp: 5508
Ion Ratio Lower Upper
43 100
58 55.1 31.7 95.1



#62
4-Bromofluorobenzene
Concen: 47.878 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078677.D
Acq: 28 Jul 2023 10:59

Tgt Ion: 95 Resp: 286823
Ion Ratio Lower Upper
95 100
174 84.0 0.0 143.8
176 79.2 0.0 135.8

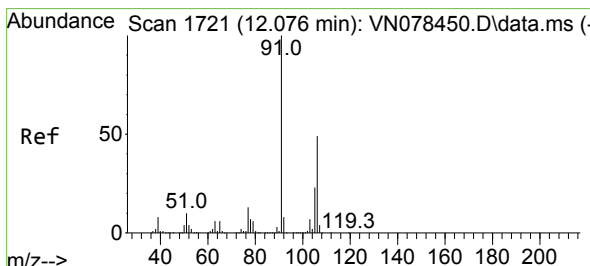
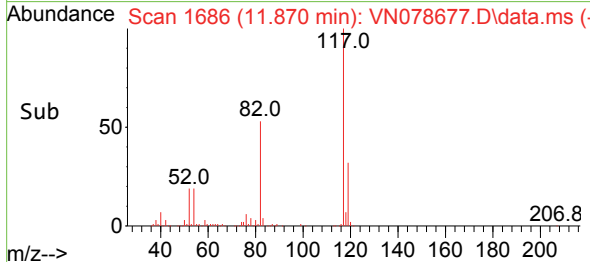
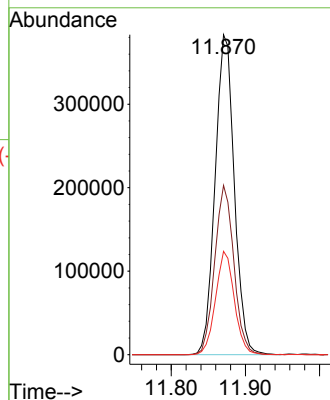
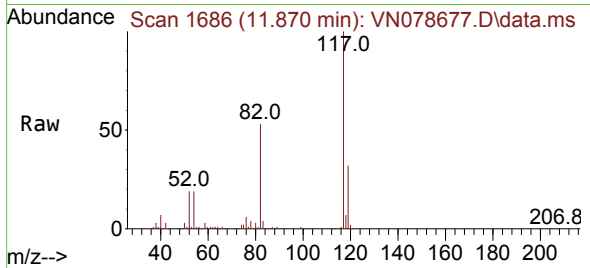




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. -0.001 min
Lab File: VN078677.D
Acq: 28 Jul 2023 10:59

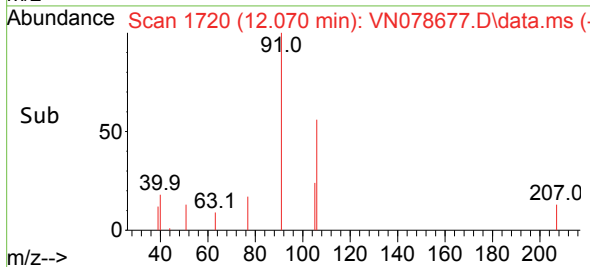
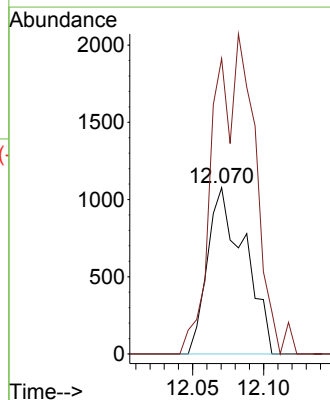
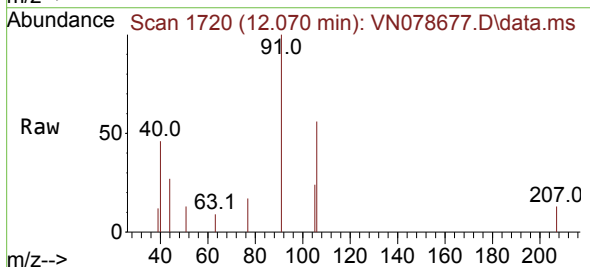
Instrument :
MSVOA_N
ClientSampleId :
VN0728MBL01

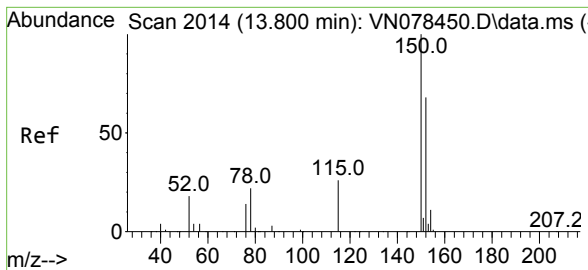
Tgt Ion:117 Resp: 689560
Ion Ratio Lower Upper
117 100
82 52.9 44.0 66.0
119 32.3 25.6 38.4



#68
m/p-Xylenes
Concen: 0.204 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.006 min
Lab File: VN078677.D
Acq: 28 Jul 2023 10:59

Tgt Ion:106 Resp: 1965
Ion Ratio Lower Upper
106 100
91 103.2 159.6 239.4#

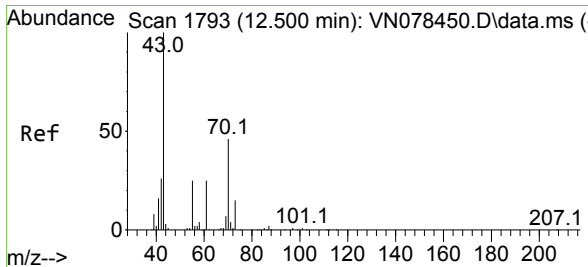
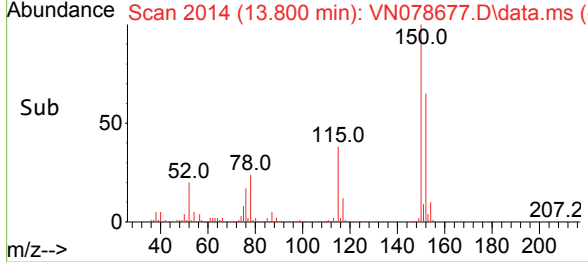
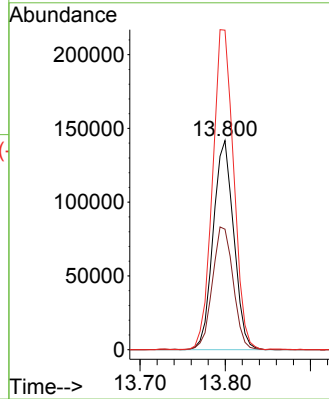
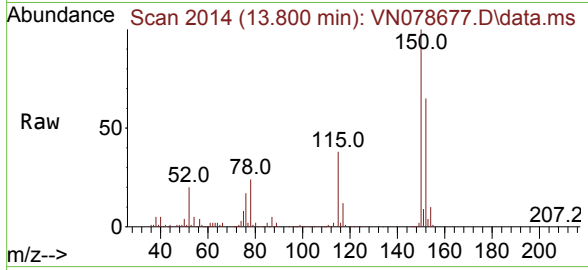




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 2014
 Delta R.T. -0.000 min
 Lab File: VN078677.D
 Acq: 28 Jul 2023 10:59

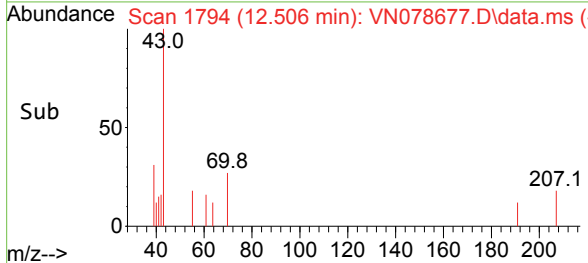
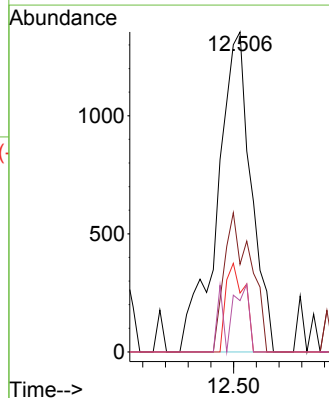
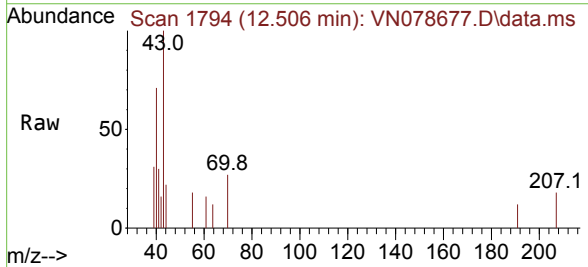
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728MBL01

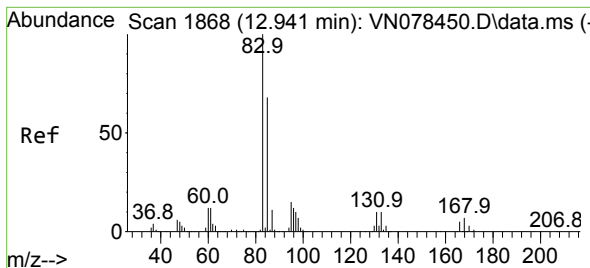
Tgt Ion:152 Resp: 237759
 Ion Ratio Lower Upper
 152 100
 115 59.4 32.3 96.8
 150 156.7 0.0 355.8



#74
 N-ethyl acetate
 Concen: 0.363 ug/l
 RT: 12.506 min Scan# 1794
 Delta R.T. 0.006 min
 Lab File: VN078677.D
 Acq: 28 Jul 2023 10:59

Tgt Ion: 43 Resp: 2798
 Ion Ratio Lower Upper
 43 100
 70 34.1 43.4 65.2#
 55 15.3 21.4 32.0#
 61 9.4 22.8 34.2#

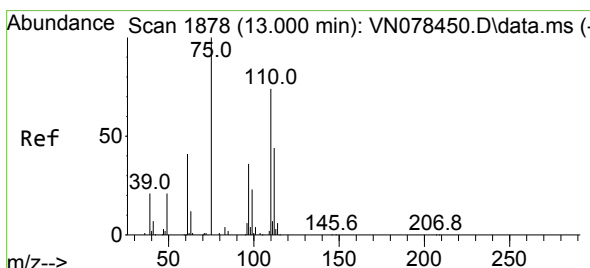
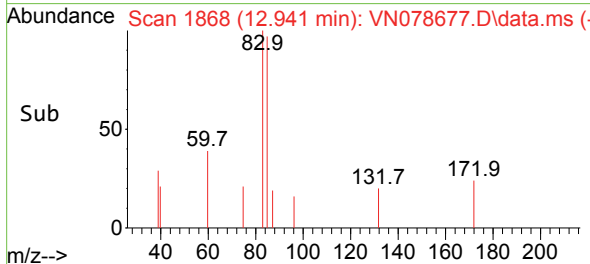
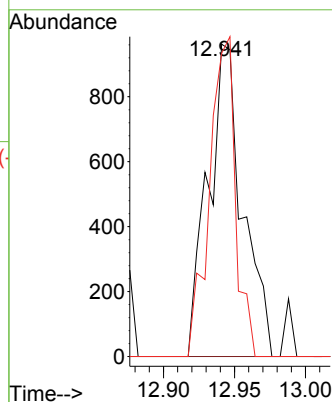
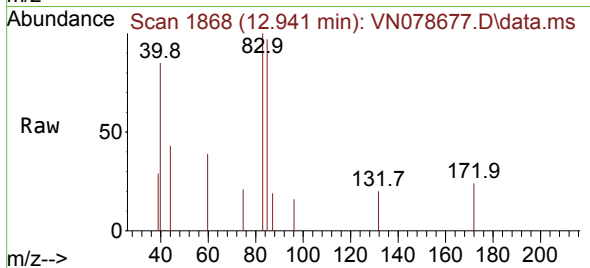




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078677.D
Acq: 28 Jul 2023 10:59

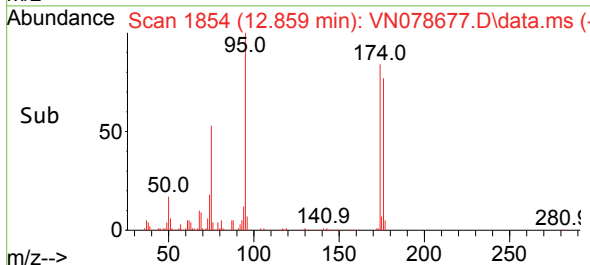
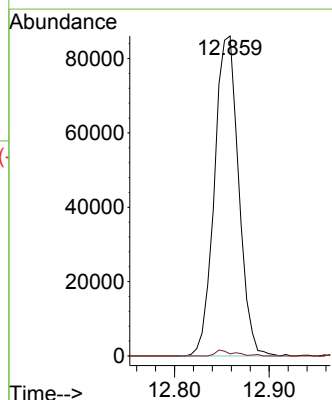
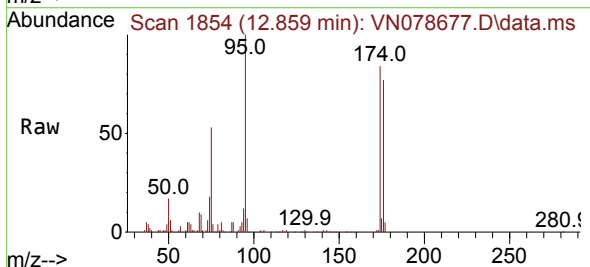
Instrument :
MSVOA_N
ClientSampleId :
VN0728MBL01

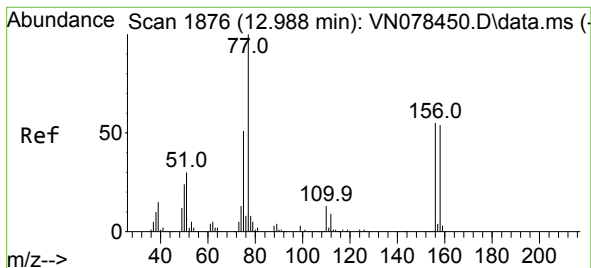
Tgt Ion: 83 Resp: 1630
Ion Ratio Lower Upper
83 100
131 0.0 5.0 15.0#
85 76.9 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 26.628 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. -0.141 min
Lab File: VN078677.D
Acq: 28 Jul 2023 10:59

Tgt Ion: 75 Resp: 153031
Ion Ratio Lower Upper
75 100
77 1.4 84.5 253.5#





#77

Bromobenzene

Concen: Below Cal

RT: 12.976 min Scan# 11

Delta R.T. -0.012 min

Lab File: VN078677.D

Acq: 28 Jul 2023 10:59

Instrument :

MSVOA_N

ClientSampleId :

VN0728MBL01

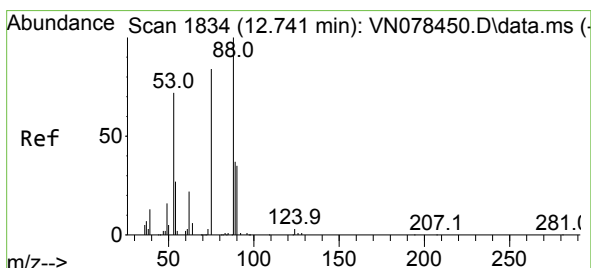
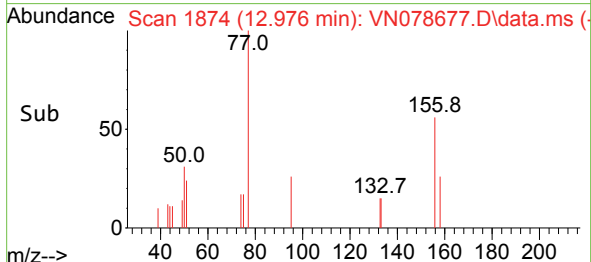
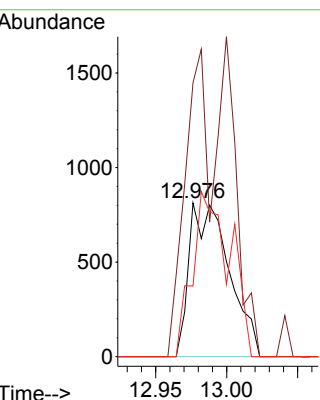
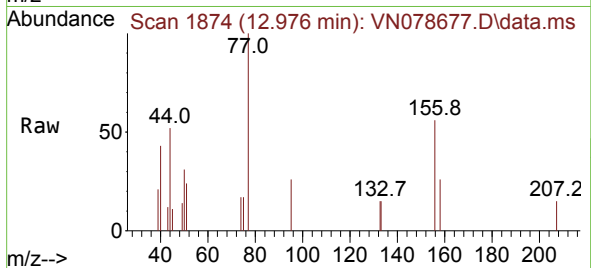
Tgt Ion:156 Resp: 1582

Ion Ratio Lower Upper

156 100

77 114.5 107.7 323.3

158 101.1 48.4 145.3



#81

trans-1,4-Dichloro-2-butene

Concen: 69.974 ug/l

RT: 12.859 min Scan# 1854

Delta R.T. 0.118 min

Lab File: VN078677.D

Acq: 28 Jul 2023 10:59

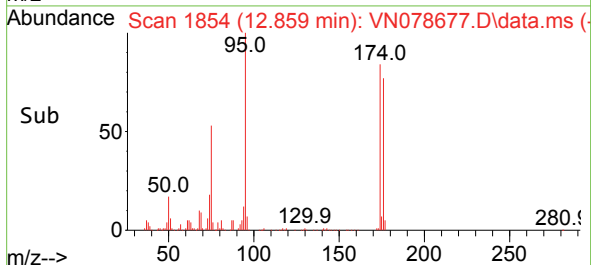
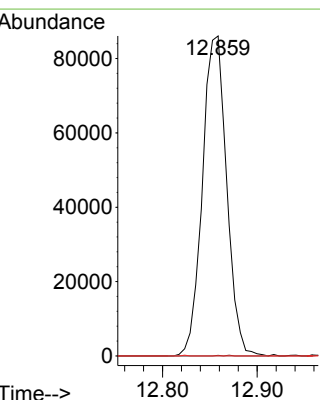
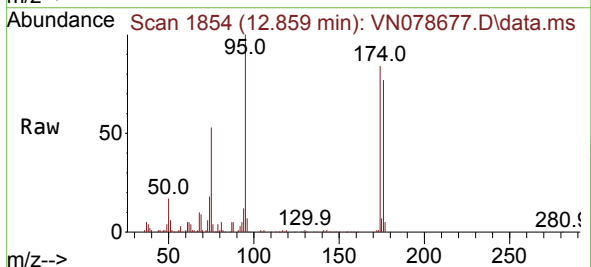
Tgt Ion: 75 Resp: 153031

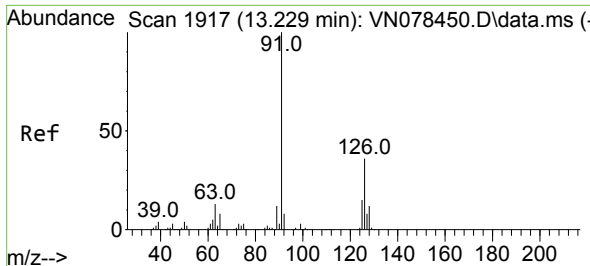
Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.2#

89 0.0 38.8 58.2#

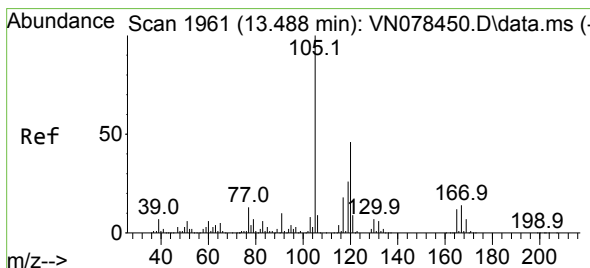
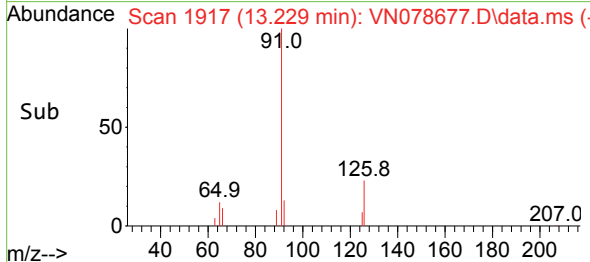
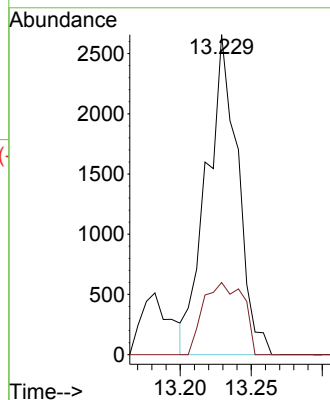
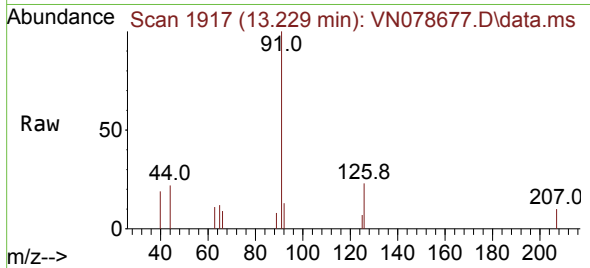




#82
4-Chlorotoluene
Concen: 0.278 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078677.D
Acq: 28 Jul 2023 10:59

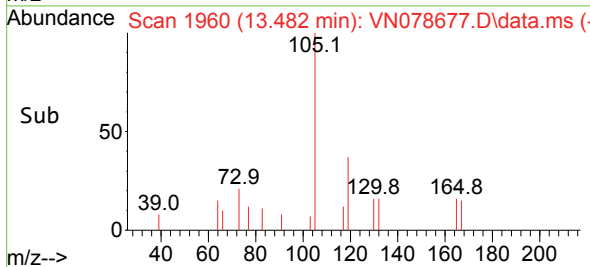
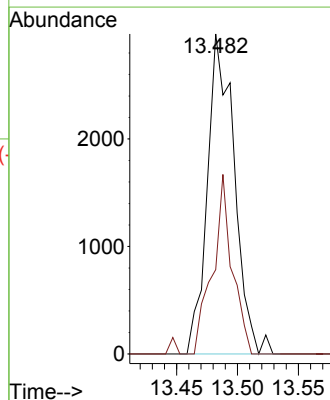
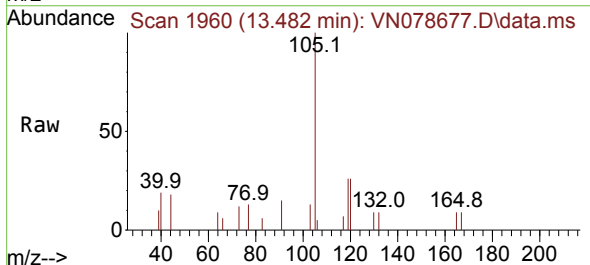
Instrument :
MSVOA_N
ClientSampleId :
VN0728MBL01

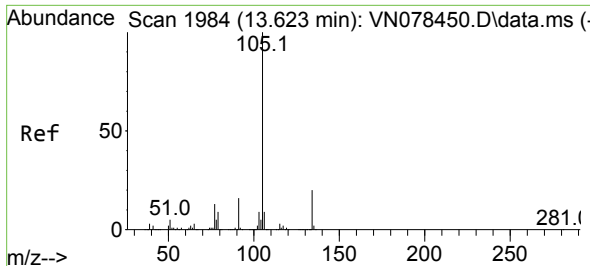
Tgt Ion: 91 Resp: 4058
Ion Ratio Lower Upper
91 100
126 28.9 16.7 50.0



#84
1,2,4-Trimethylbenzene
Concen: 0.267 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.006 min
Lab File: VN078677.D
Acq: 28 Jul 2023 10:59

Tgt Ion: 105 Resp: 4580
Ion Ratio Lower Upper
105 100
120 40.9 22.0 66.0

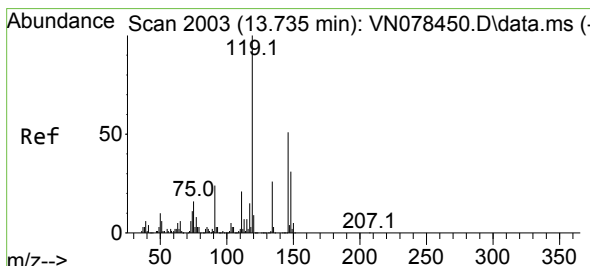
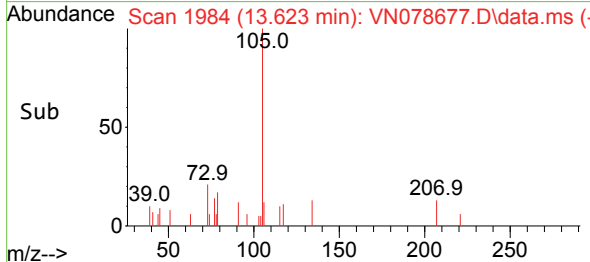
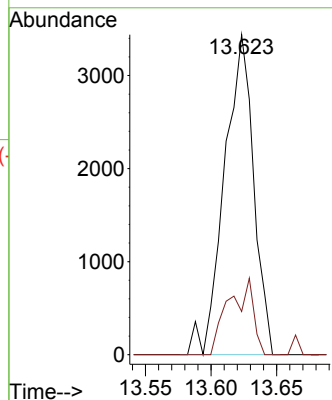
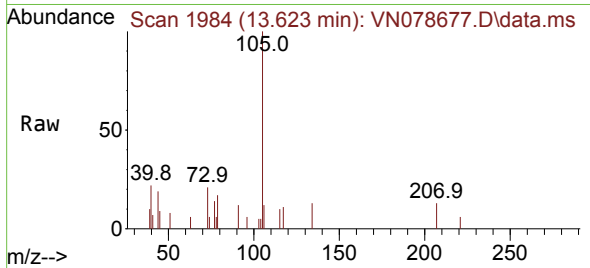




#85
 sec-Butylbenzene
 Concen: 0.282 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078677.D
 Acq: 28 Jul 2023 10:59

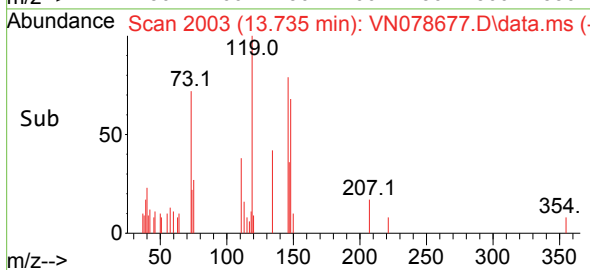
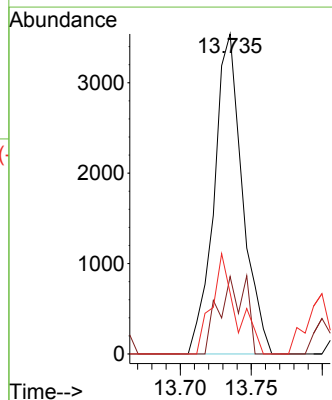
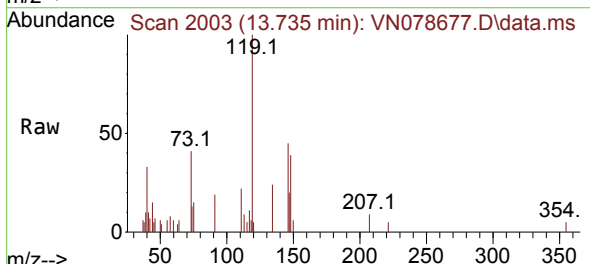
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728MBL01

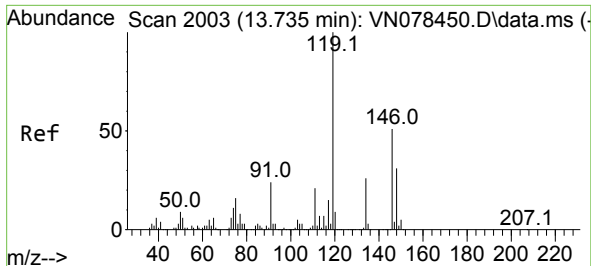
Tgt Ion:105 Resp: 5333
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 0.324 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078677.D
 Acq: 28 Jul 2023 10:59

Tgt Ion:119 Resp: 4922
 Ion Ratio Lower Upper
 119 100
 134 22.7 12.6 37.8
 91 26.8 12.4 37.2

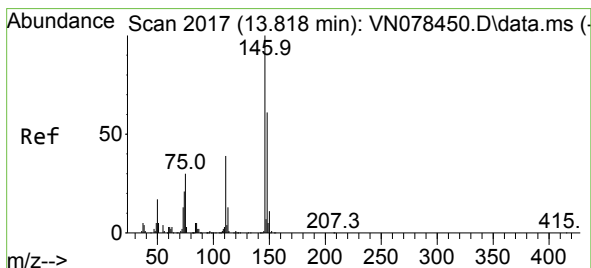
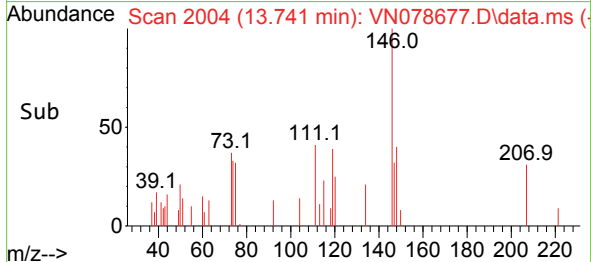
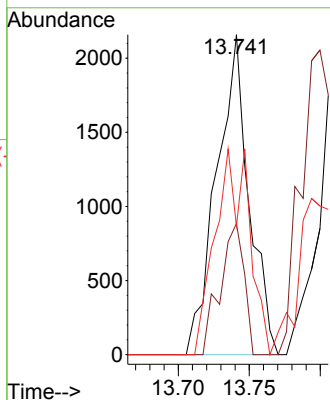
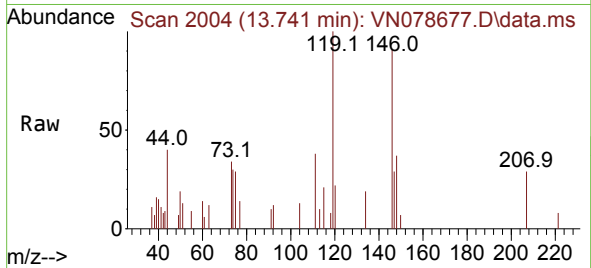




#87
1,3-Dichlorobenzene
Concen: 0.398 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.006 min
Lab File: VN078677.D
Acq: 28 Jul 2023 10:59

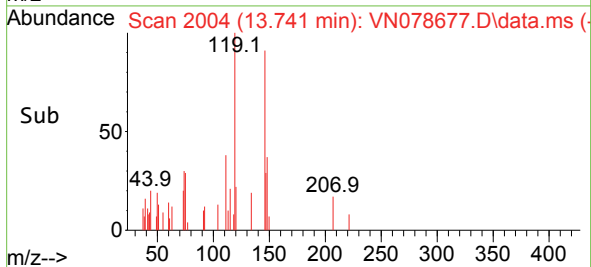
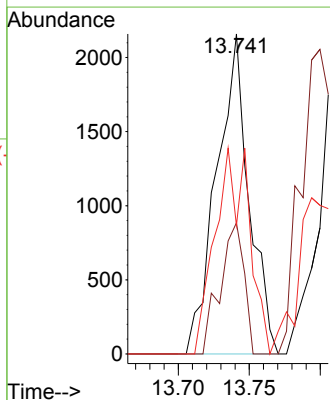
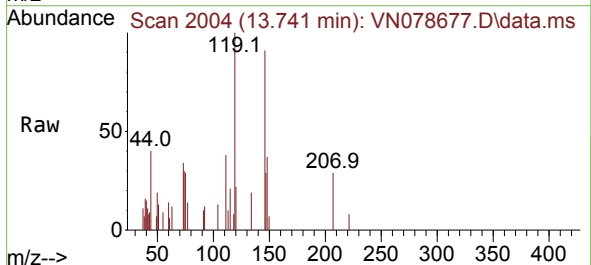
Instrument :
MSVOA_N
ClientSampleId :
VN0728MBL01

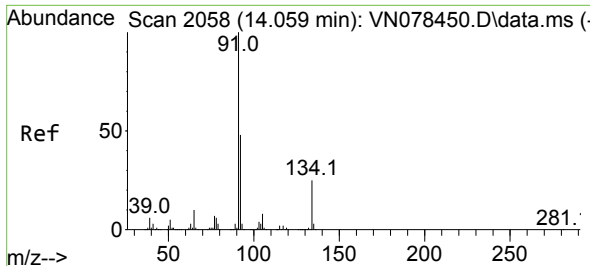
Tgt Ion:146 Resp: 3416
Ion Ratio Lower Upper
146 100
111 30.4 22.1 66.3
148 67.4 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 0.395 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. -0.077 min
Lab File: VN078677.D
Acq: 28 Jul 2023 10:59

Tgt Ion:146 Resp: 3416
Ion Ratio Lower Upper
146 100
111 30.4 20.6 61.8
148 67.4 31.6 94.8

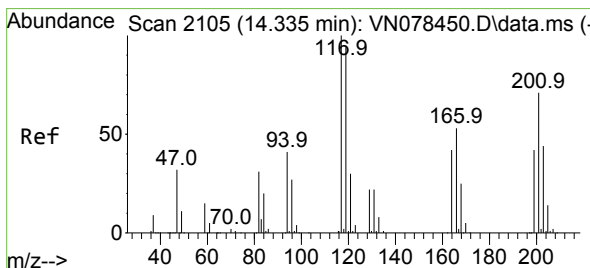
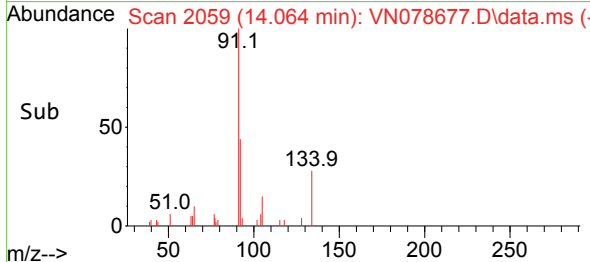
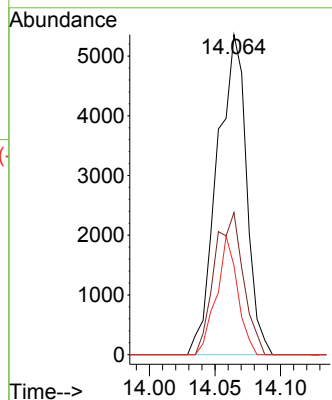
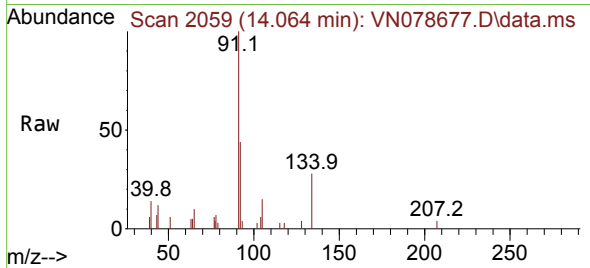




#89
n-Butylbenzene
Concen: 0.765 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. 0.005 min
Lab File: VN078677.D
Acq: 28 Jul 2023 10:59

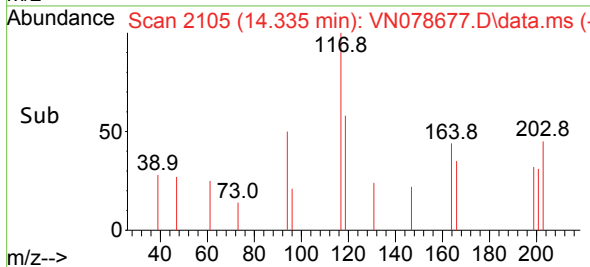
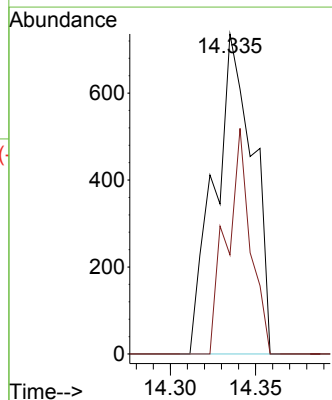
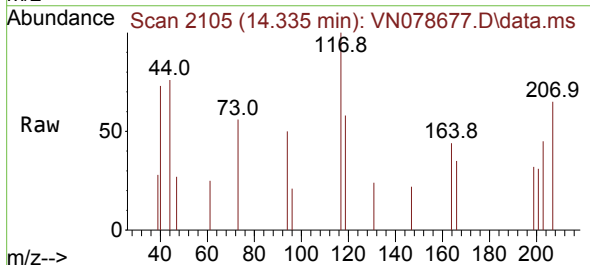
Instrument :
MSVOA_N
ClientSampleId :
VN0728MBL01

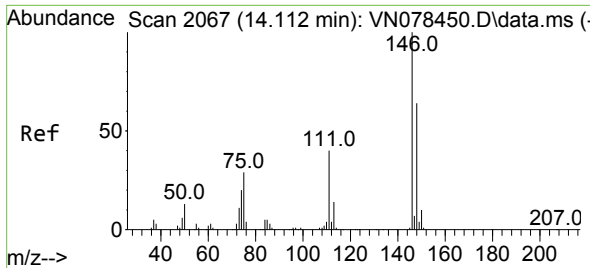
Tgt Ion: 91 Resp: 8324
Ion Ratio Lower Upper
91 100
92 43.7 26.4 79.0
134 26.8 12.6 37.6



#90
Hexachloroethane
Concen: Below Cal
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN078677.D
Acq: 28 Jul 2023 10:59

Tgt Ion: 117 Resp: 1149
Ion Ratio Lower Upper
117 100
201 44.0 29.3 88.0

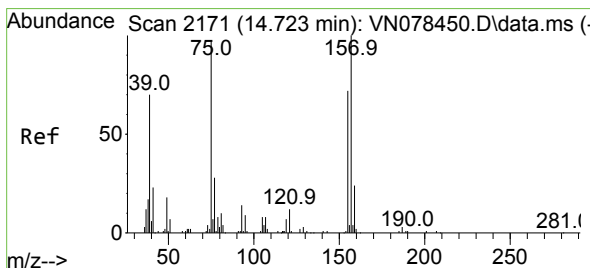
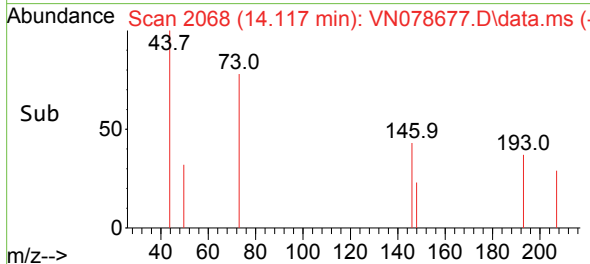
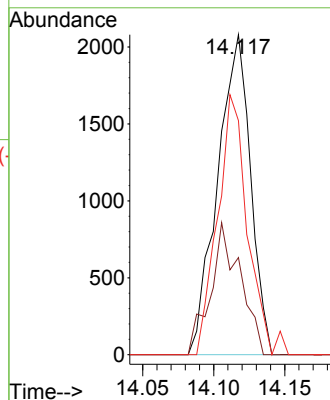
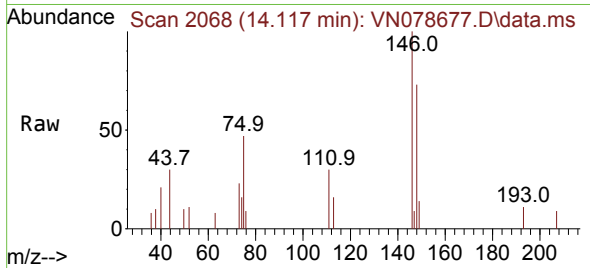




#91
1,2-Dichlorobenzene
Concen: 0.393 ug/l
RT: 14.117 min Scan# 2067
Delta R.T. 0.005 min
Lab File: VN078677.D
Acq: 28 Jul 2023 10:59

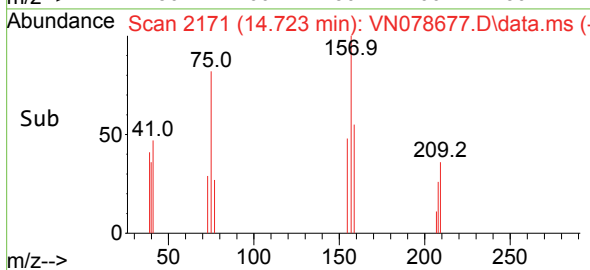
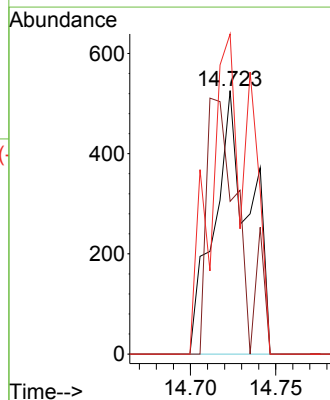
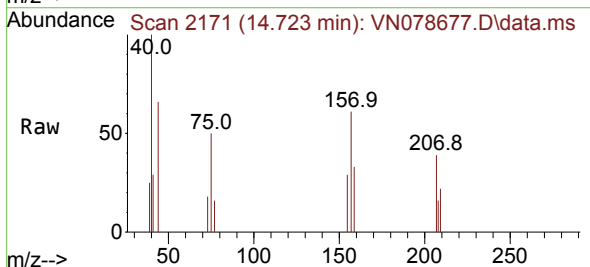
Instrument :
MSVOA_N
ClientSampleId :
VN0728MBL01

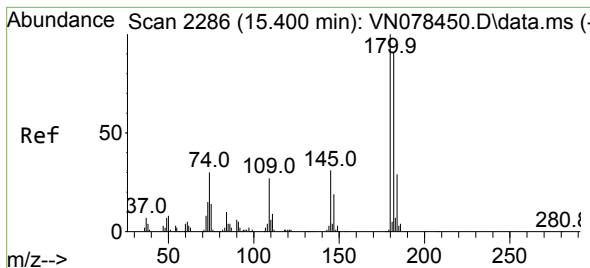
Tgt Ion:146 Resp: 3353
Ion Ratio Lower Upper
146 100
111 37.5 22.0 66.0
148 74.1 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078677.D
Acq: 28 Jul 2023 10:59

Tgt Ion: 75 Resp: 757
Ion Ratio Lower Upper
75 100
155 88.5 39.1 117.2
157 134.7 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 1.346 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078677.D

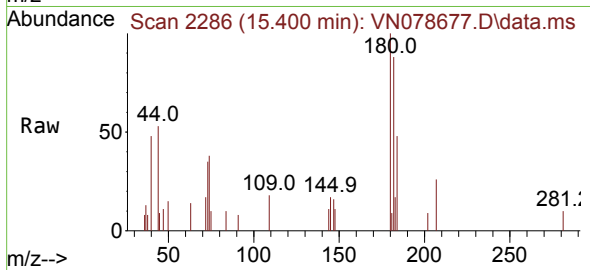
Acq: 28 Jul 2023 10:59

Instrument :

MSVOA_N

ClientSampleId :

VN0728MBL01



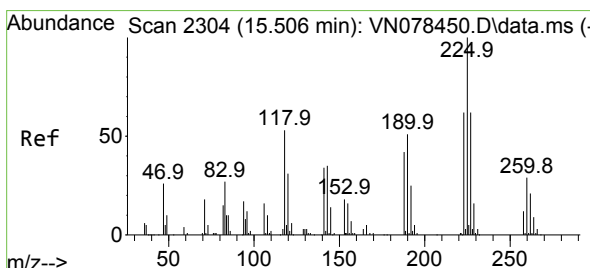
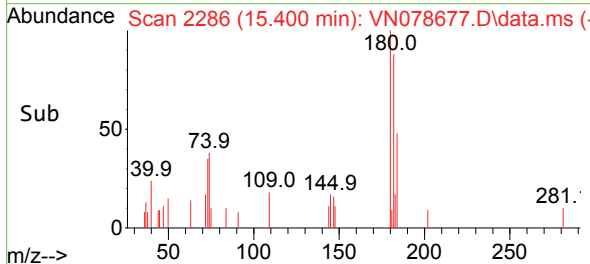
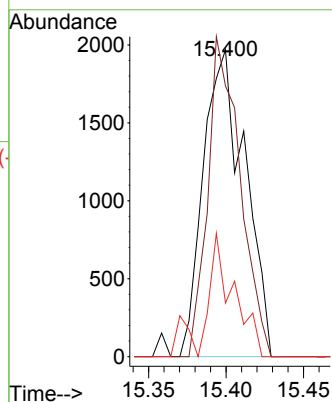
Tgt Ion:180 Resp: 3666

Ion Ratio Lower Upper

180 100

182 80.9 46.1 138.2

145 22.9 16.6 49.8



#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.506 min Scan# 2304

Delta R.T. -0.001 min

Lab File: VN078677.D

Acq: 28 Jul 2023 10:59

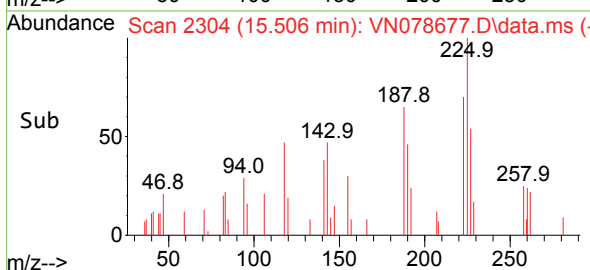
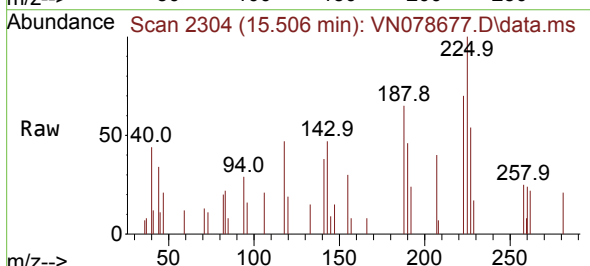
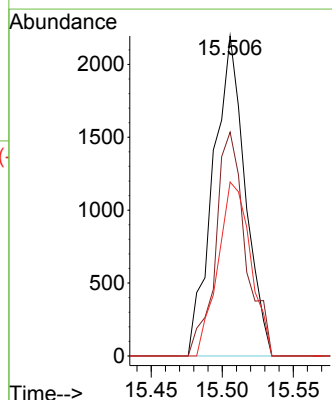
Tgt Ion:225 Resp: 3442

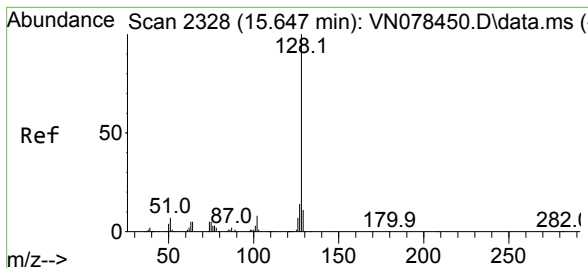
Ion Ratio Lower Upper

225 100

223 65.5 31.3 93.8

227 55.4 31.9 95.9





#95

Naphthalene

Concen: 1.237 ug/l

RT: 15.653 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN078677.D

Acq: 28 Jul 2023 10:59

Instrument :

MSVOA_N

ClientSampleId :

VN0728MBL01

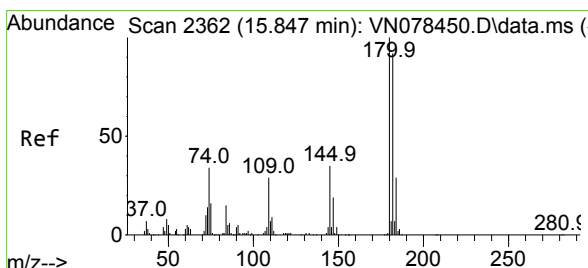
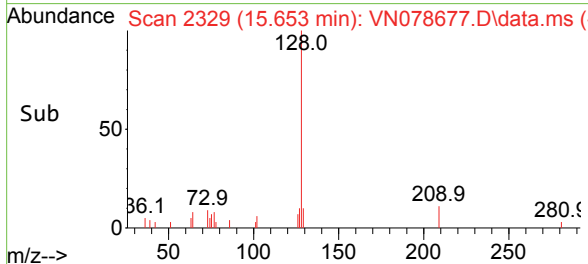
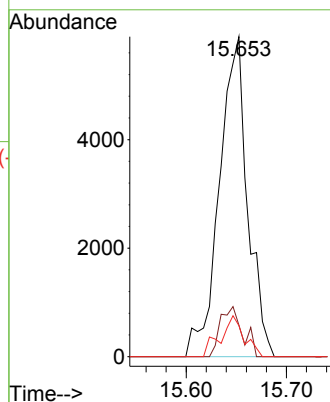
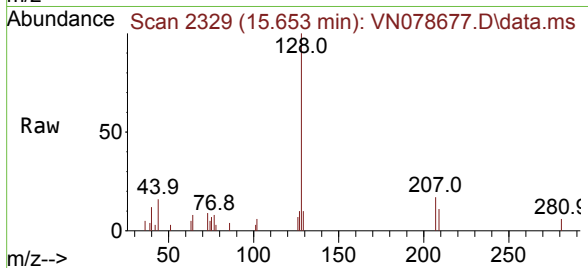
Tgt Ion:128 Resp: 11523

Ion Ratio Lower Upper

128 100

127 12.3 10.0 15.0

129 10.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 1.378 ug/l

RT: 15.853 min Scan# 2363

Delta R.T. 0.006 min

Lab File: VN078677.D

Acq: 28 Jul 2023 10:59

Tgt Ion:180 Resp: 4316

Ion Ratio Lower Upper

180 100

182 38.9 46.2 138.6#

145 41.4 17.5 52.6

