

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102623\
 Data File : VN079692.D
 Acq On : 26 Oct 2023 11:40
 Operator : JC\MD
 Sample : VN1026WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 27 01:18:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

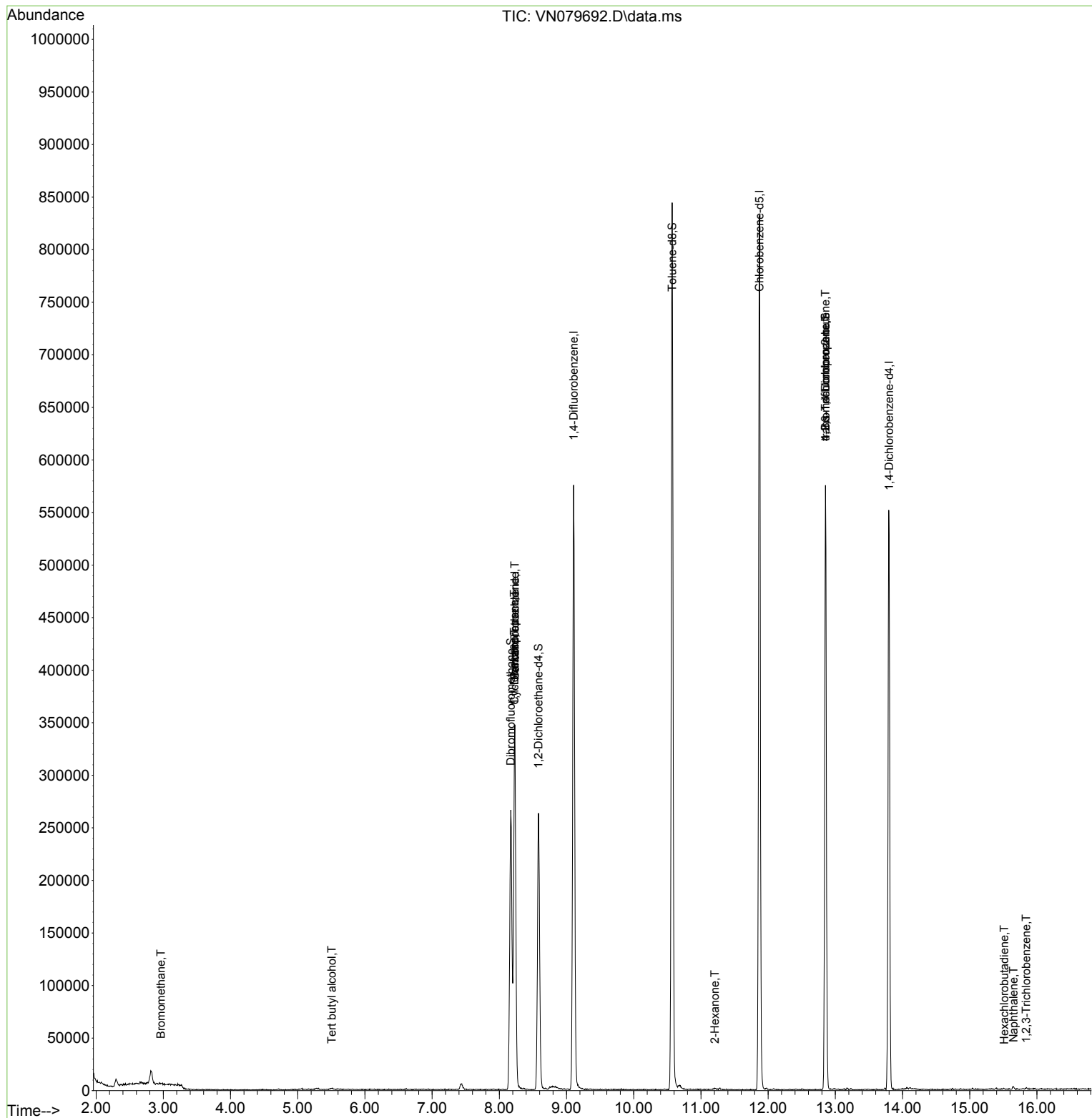
Internal Standards						
1) Pentafluorobenzene	8.230	168	237344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	472064	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	467683	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	141707	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	210549	54.712	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.420%	
35) Dibromofluoromethane	8.171	113	190247	56.080	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 112.160%	
50) Toluene-d8	10.571	98	572166	46.613	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 93.220%	
62) 4-Bromofluorobenzene	12.853	95	189107	48.006	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.020%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.965	94	1195	0.452	ug/l	84
11) Tert butyl alcohol	5.506	59	530	0.915	ug/l #	72
20) Methylene Chloride	5.271	84	825	Below Cal	#	74
31) Cyclohexane	8.224	56	7090	1.299	ug/l #	39
36) 1,1-Dichloropropene	8.224	75	21685	4.259	ug/l #	48
38) Carbon Tetrachloride	8.230	117	26596	5.218	ug/l #	16
59) 2-Hexanone	11.206	43	1123	0.311	ug/l	83
75) 1,1,2,2-Tetrachloroethane	12.941	83	343	Below Cal	#	51
76) 1,2,3-Trichloropropane	12.853	75	107855	26.398	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	107855	76.594	ug/l #	15
94) Hexachlorobutadiene	15.512	225	283	0.235	ug/l	76
95) Naphthalene	15.653	128	2681	0.567	ug/l #	81
96) 1,2,3-Trichlorobenzene	15.841	180	809	0.438	ug/l #	54

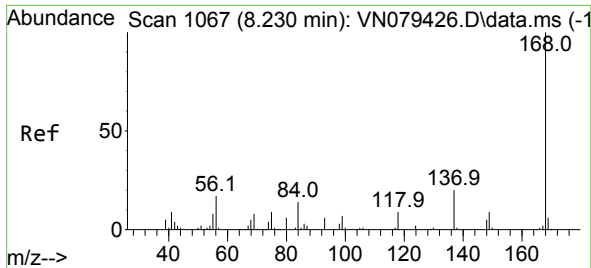
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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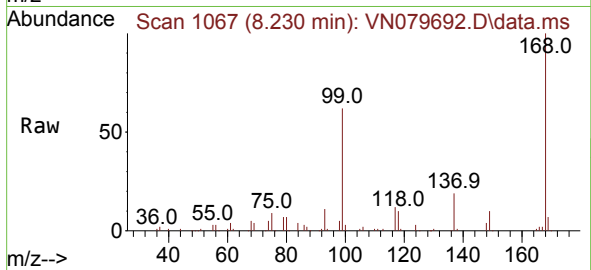
Quant Time: Oct 27 01:18:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 06 03:34:49 2023
Response via : Initial Calibration



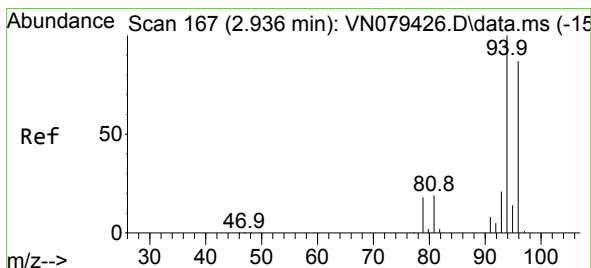
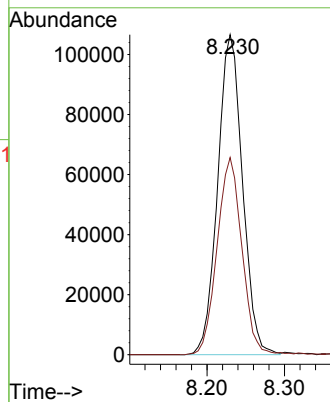
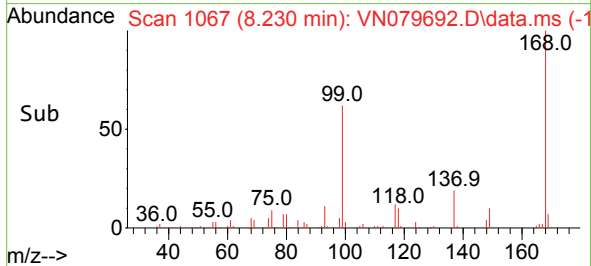


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079692.D
Acq: 26 Oct 2023 11:40

Instrument :
MSVOA_N
ClientSampleId :

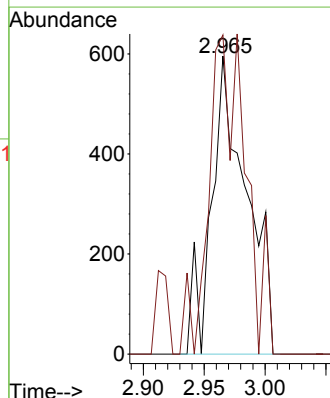
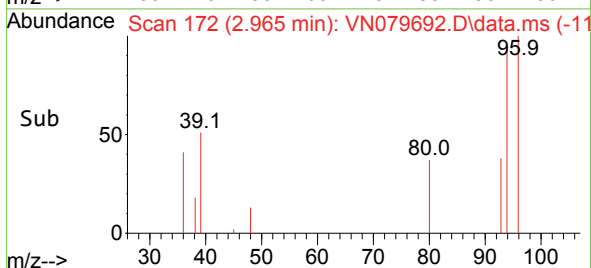
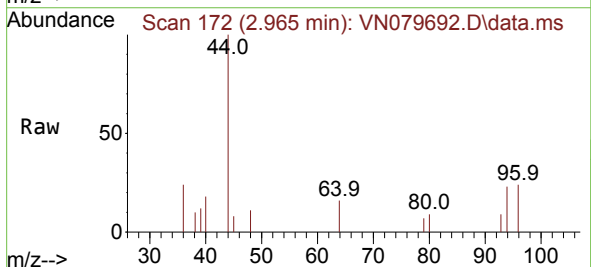


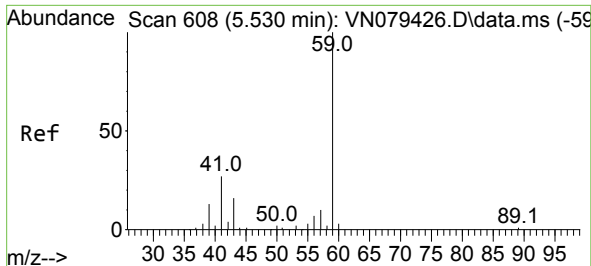
Tgt Ion:168 Resp: 237344
Ion Ratio Lower Upper
168 100
99 61.6 53.0 79.6



#5
Bromomethane
Concen: 0.452 ug/l
RT: 2.965 min Scan# 172
Delta R.T. 0.030 min
Lab File: VN079692.D
Acq: 26 Oct 2023 11:40

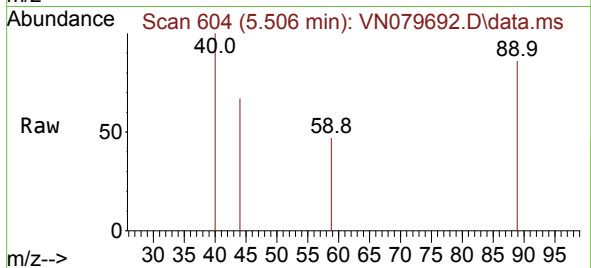
Tgt Ion: 94 Resp: 1195
Ion Ratio Lower Upper
94 100
96 107.0 73.1 109.7



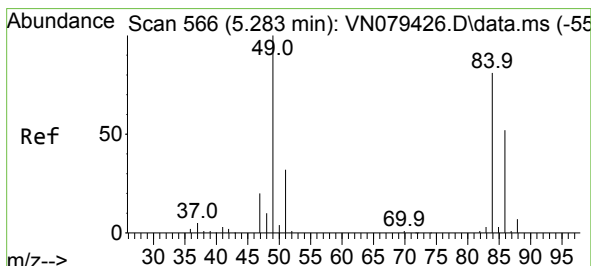
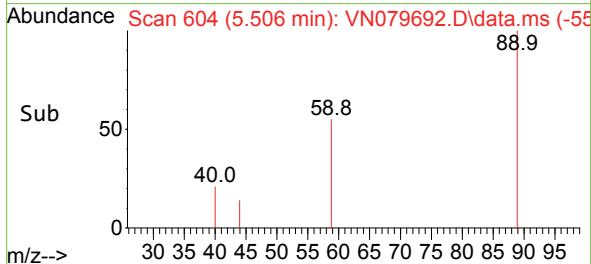
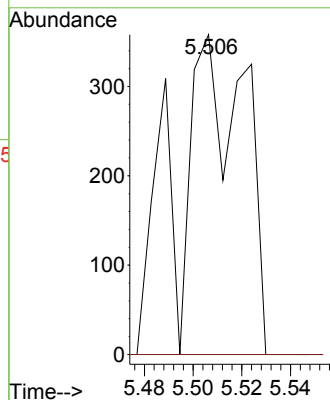


#11
Tert butyl alcohol
Concen: 0.915 ug/l
RT: 5.506 min Scan# 608
Delta R.T. -0.024 min
Lab File: VN079692.D
Acq: 26 Oct 2023 11:40

Instrument :
MSVOA_N
ClientSampleId :

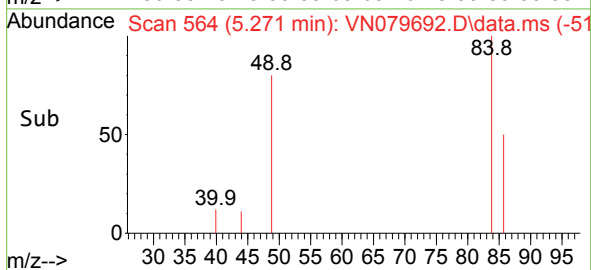
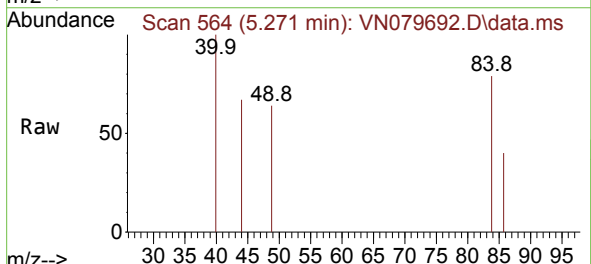
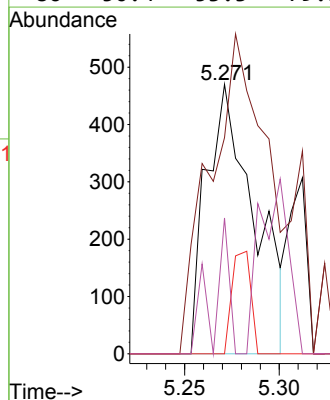


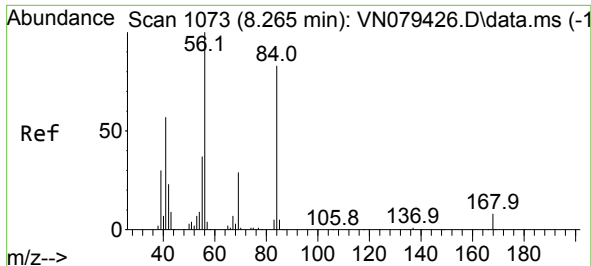
Tgt Ion: 59 Resp: 530
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.271 min Scan# 564
Delta R.T. -0.012 min
Lab File: VN079692.D
Acq: 26 Oct 2023 11:40

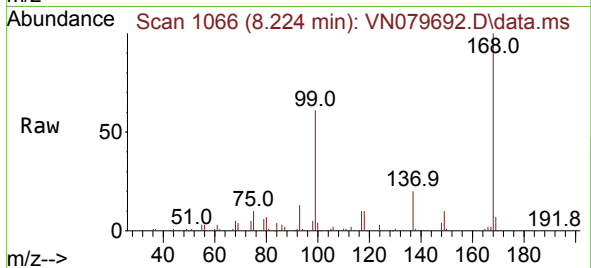
Tgt Ion: 84 Resp: 825
Ion Ratio Lower Upper
84 100
49 80.2 79.7 119.5
51 0.0 25.2 37.8#
86 50.4 53.3 79.9#



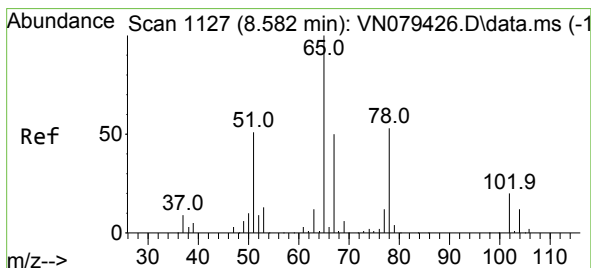
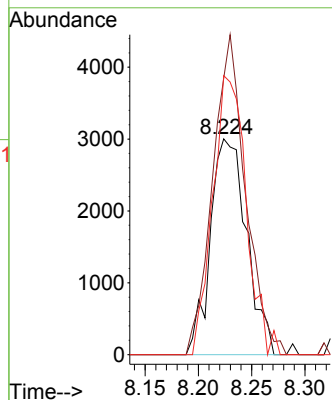
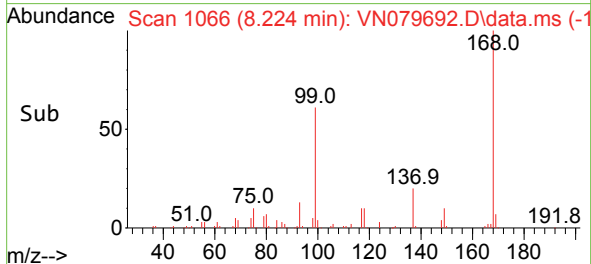


#31
Cyclohexane
Concen: 1.299 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.041 min
Lab File: VN079692.D
Acq: 26 Oct 2023 11:40

Instrument :
MSVOA_N
ClientSampleId :

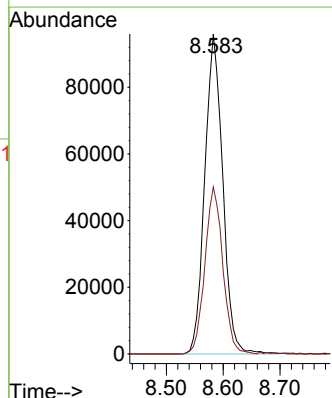
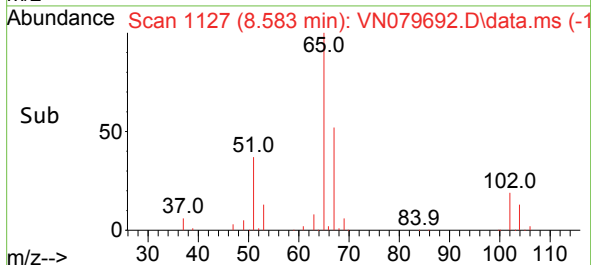
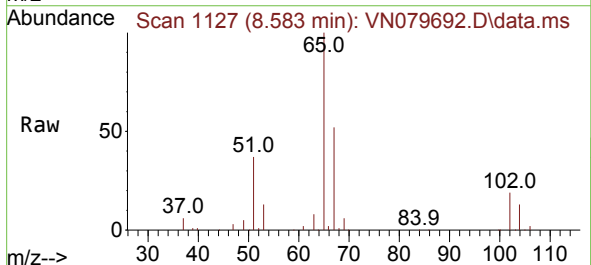


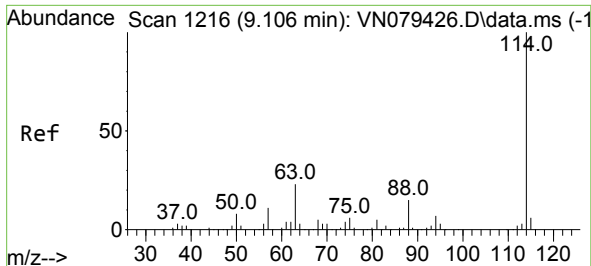
Tgt Ion: 56 Resp: 7090
Ion Ratio Lower Upper
56 100
69 128.0 26.8 40.2#
84 129.3 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 54.712 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079692.D
Acq: 26 Oct 2023 11:40

Tgt Ion: 65 Resp: 210549
Ion Ratio Lower Upper
65 100
67 52.1 0.0 106.6

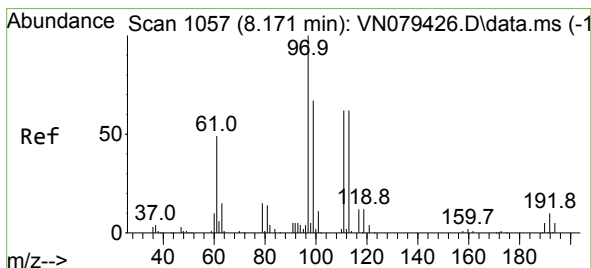
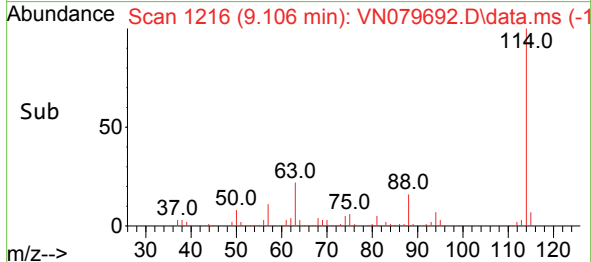
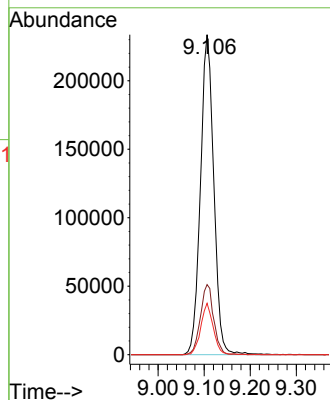
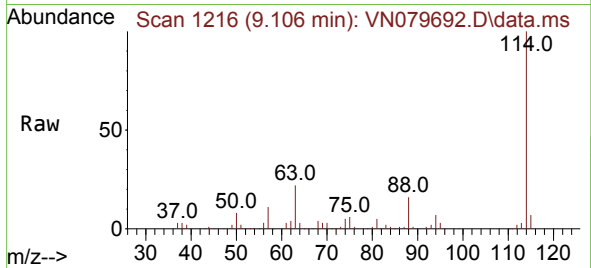




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079692.D
Acq: 26 Oct 2023 11:40

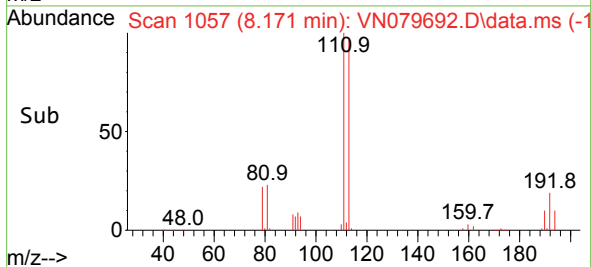
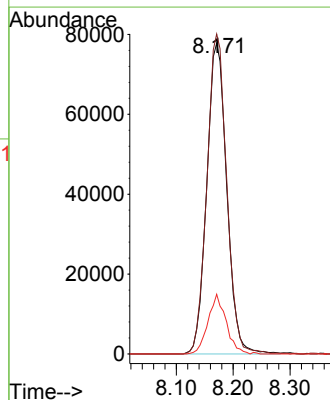
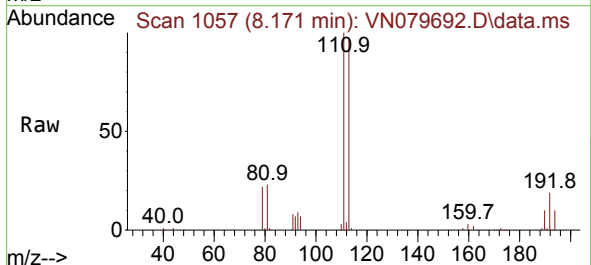
Instrument :
MSVOA_N
ClientSampleId :

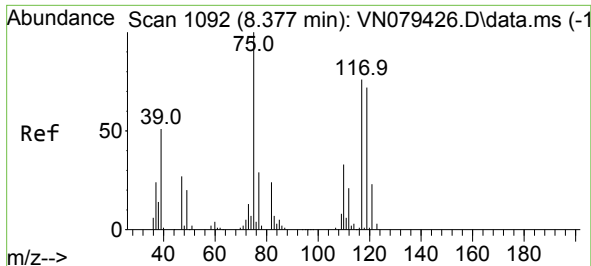
Tgt Ion:114 Resp: 472064
Ion Ratio Lower Upper
114 100
63 21.9 0.0 36.4
88 16.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 56.080 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079692.D
Acq: 26 Oct 2023 11:40

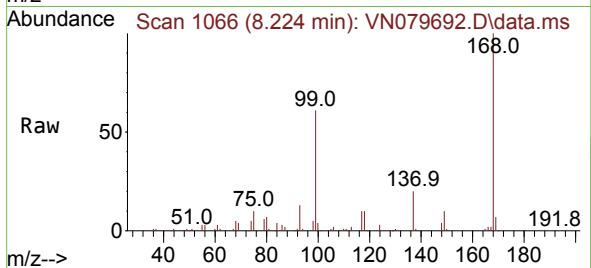
Tgt Ion:113 Resp: 190247
Ion Ratio Lower Upper
113 100
111 101.8 82.6 123.8
192 17.4 12.7 19.1



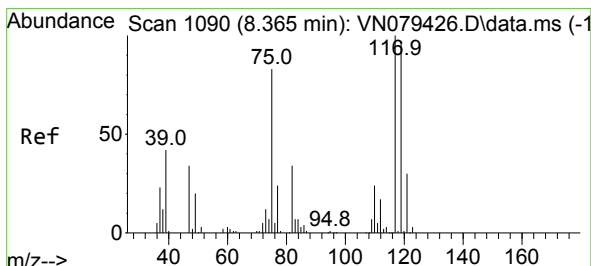
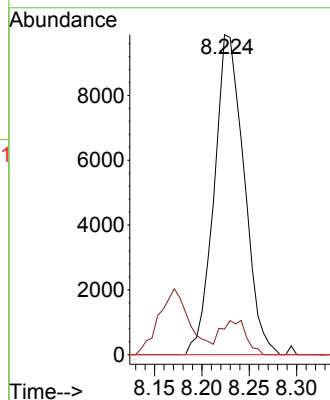
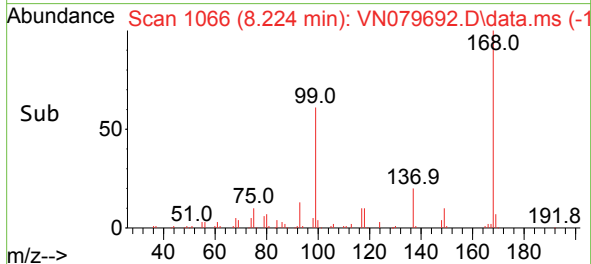


#36
 1,1-Dichloropropene
 Concen: 4.259 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.153 min
 Lab File: VN079692.D
 Acq: 26 Oct 2023 11:40

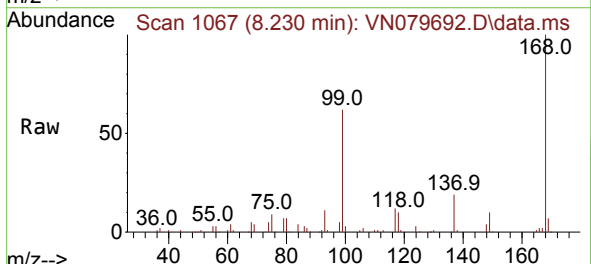
Instrument :
 MSVOA_N
 ClientSampleId :



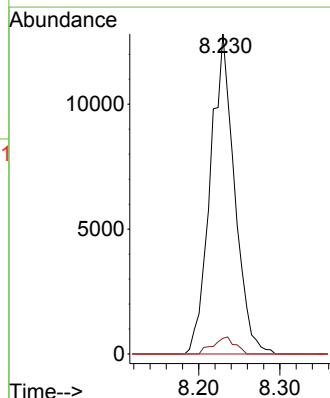
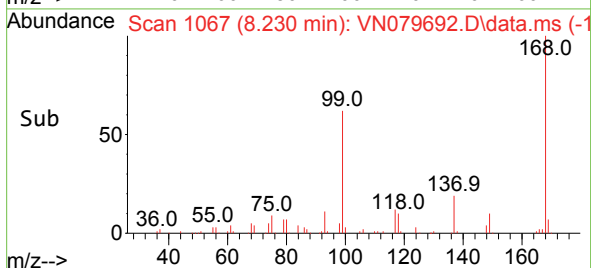
Tgt Ion: 75 Resp: 21685
 Ion Ratio Lower Upper
 75 100
 110 9.1 19.1 57.3#
 77 0.0 25.0 37.4#

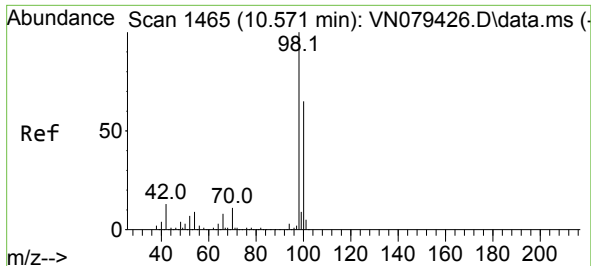


#38
 Carbon Tetrachloride
 Concen: 5.218 ug/l
 RT: 8.230 min Scan# 1067
 Delta R.T. -0.135 min
 Lab File: VN079692.D
 Acq: 26 Oct 2023 11:40



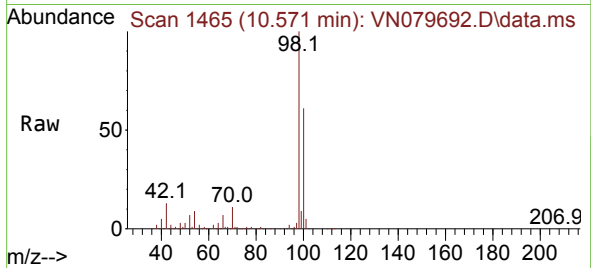
Tgt Ion: 117 Resp: 26596
 Ion Ratio Lower Upper
 117 100
 119 4.9 77.3 115.9#
 121 0.0 23.3 34.9#



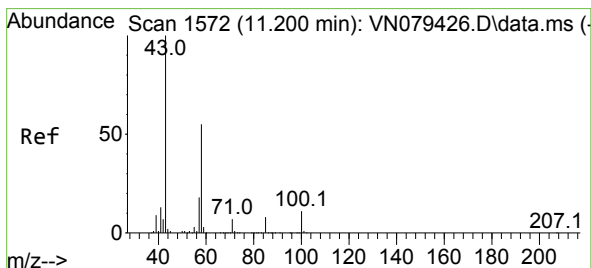
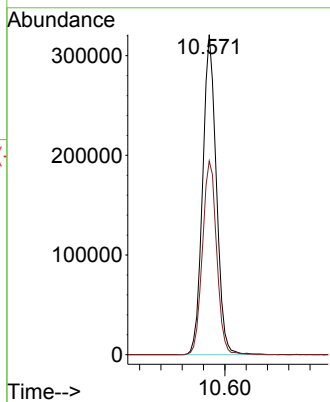
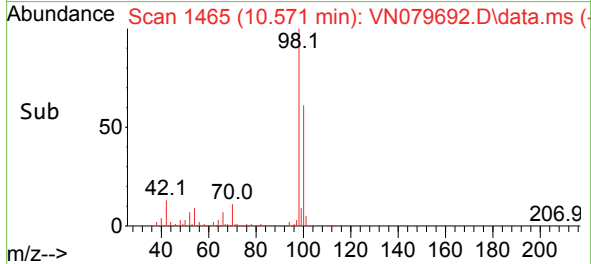


#50
Toluene-d8
Concen: 46.613 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079692.D
Acq: 26 Oct 2023 11:40

Instrument :
MSVOA_N
ClientSampleId :

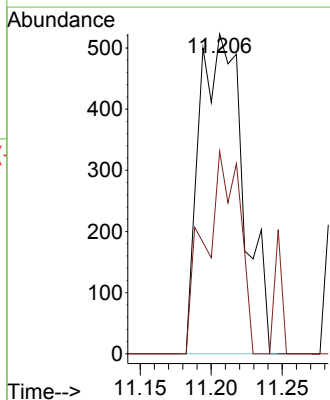
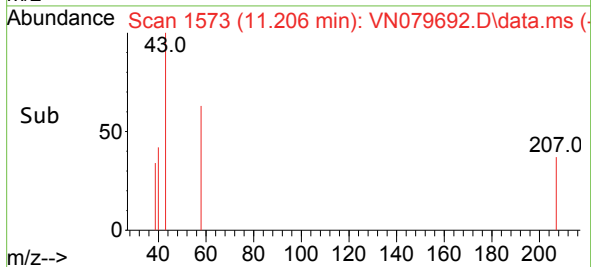
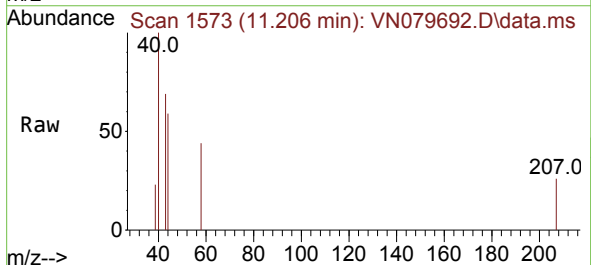


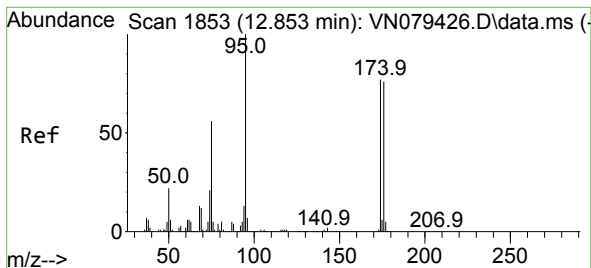
Tgt Ion: 98 Resp: 572166
Ion Ratio Lower Upper
98 100
100 62.8 52.0 78.0



#59
2-Hexanone
Concen: 0.311 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.006 min
Lab File: VN079692.D
Acq: 26 Oct 2023 11:40

Tgt Ion: 43 Resp: 1123
Ion Ratio Lower Upper
43 100
58 50.3 31.7 95.1

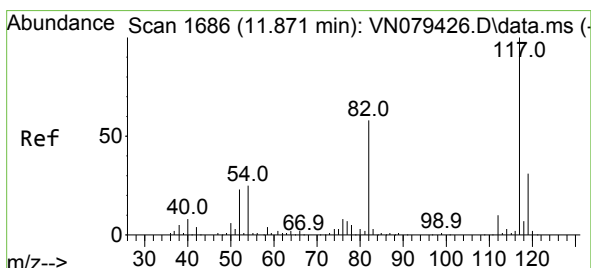
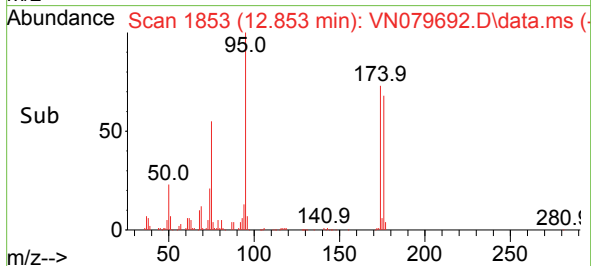
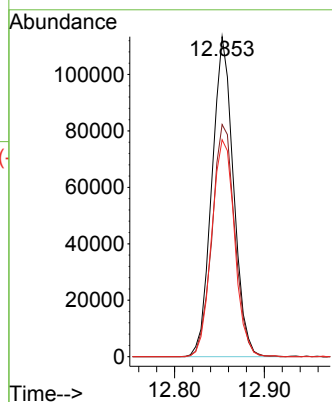
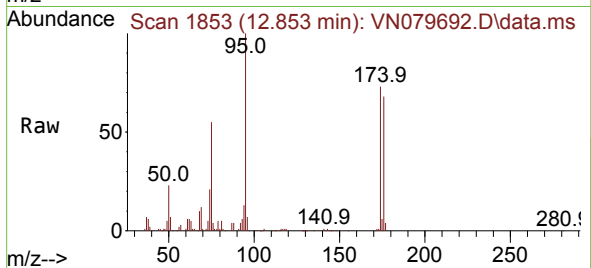




#62
4-Bromofluorobenzene
Concen: 48.006 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079692.D
Acq: 26 Oct 2023 11:40

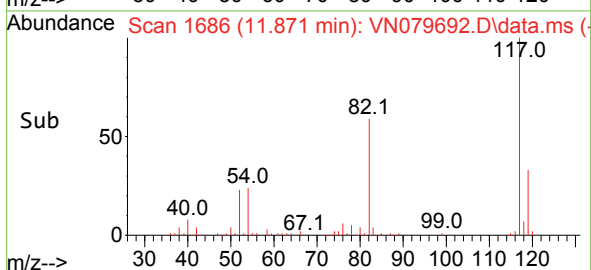
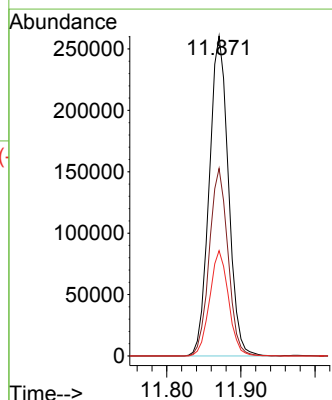
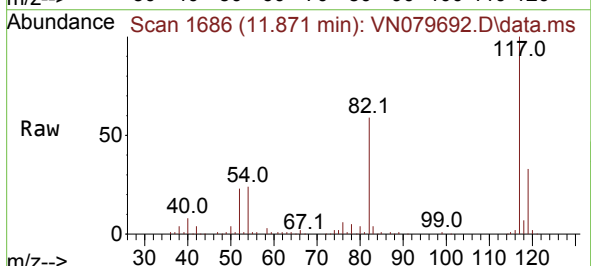
Instrument :
MSVOA_N
ClientSampleId :

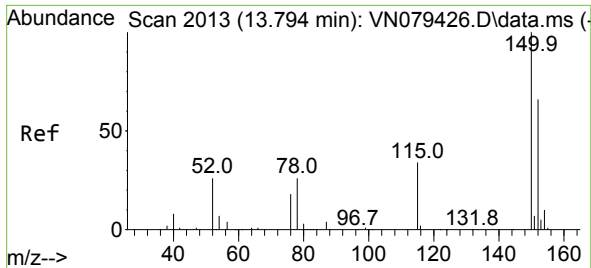
Tgt Ion: 95 Resp: 189107
Ion Ratio Lower Upper
95 100
174 76.5 0.0 143.8
176 72.1 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079692.D
Acq: 26 Oct 2023 11:40

Tgt Ion: 117 Resp: 467683
Ion Ratio Lower Upper
117 100
82 58.6 44.0 66.0
119 32.9 25.6 38.4

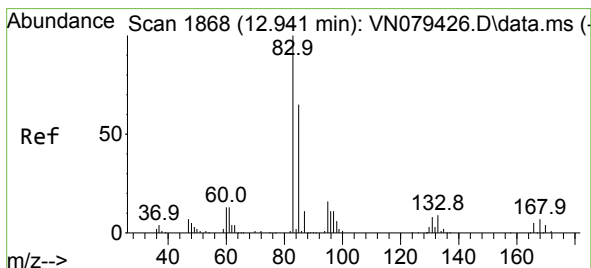
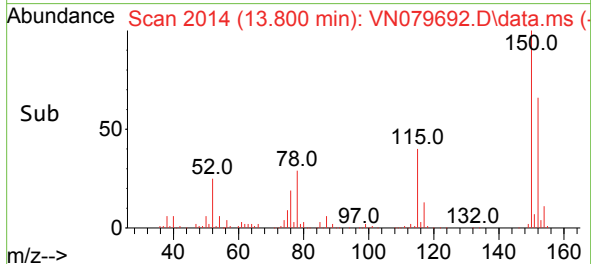
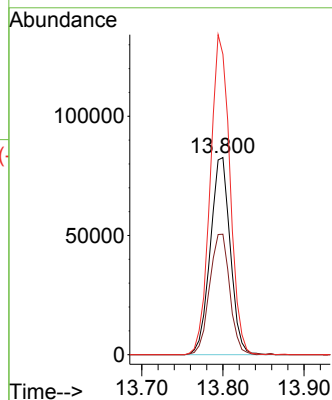
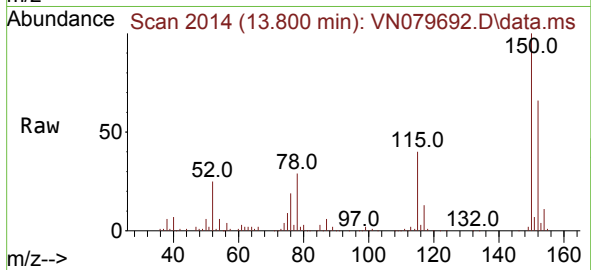




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN079692.D
 Acq: 26 Oct 2023 11:40

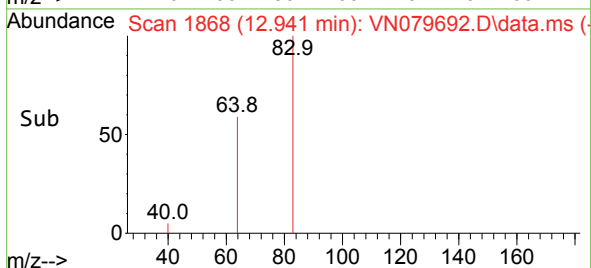
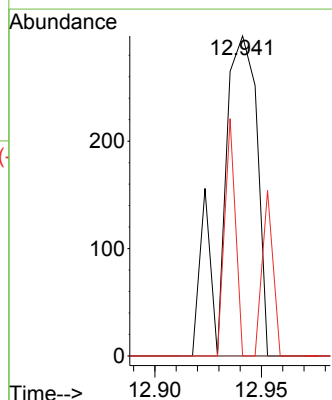
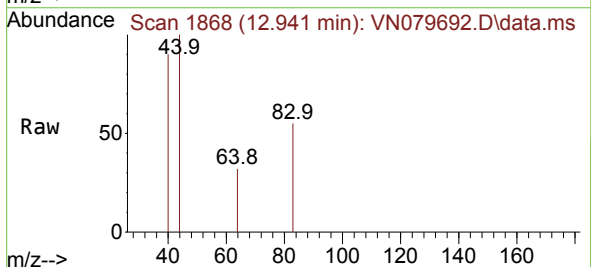
Instrument :
 MSVOA_N
 ClientSampleId :

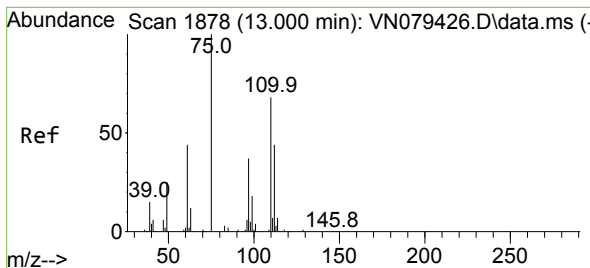
Tgt Ion:152 Resp: 141707
 Ion Ratio Lower Upper
 152 100
 115 61.5 32.3 96.8
 150 159.7 0.0 355.8



#75
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN079692.D
 Acq: 26 Oct 2023 11:40

Tgt Ion: 83 Resp: 343
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.0 15.0#
 85 22.7 31.9 95.7#





#76

1,2,3-Trichloropropane

Concen: 26.398 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN079692.D

Acq: 26 Oct 2023 11:40

Instrument :

MSVOA_N

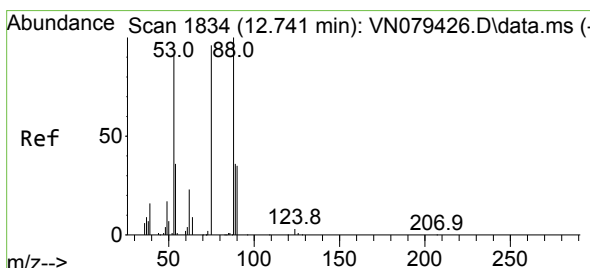
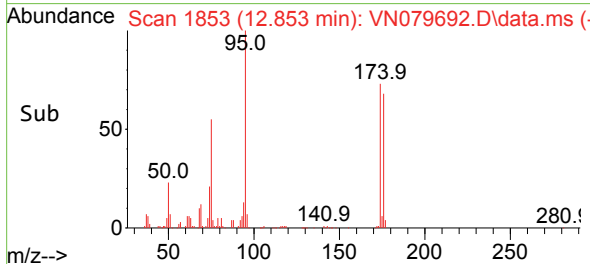
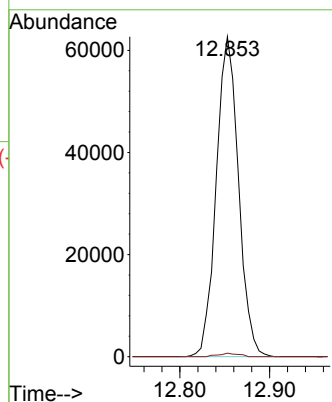
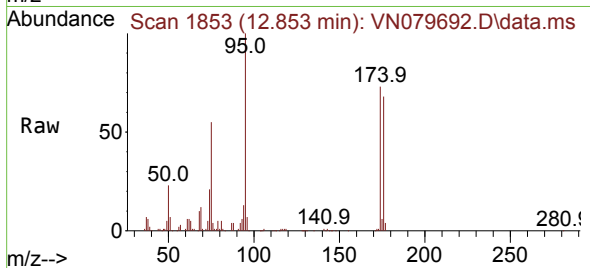
ClientSampleId :

Tgt Ion: 75 Resp: 107855

Ion Ratio Lower Upper

75 100

77 1.0 84.5 253.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 76.594 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN079692.D

Acq: 26 Oct 2023 11:40

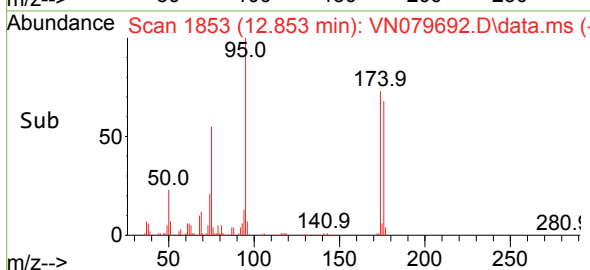
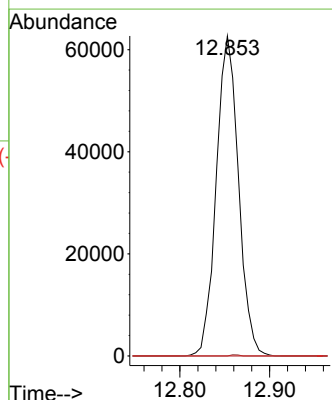
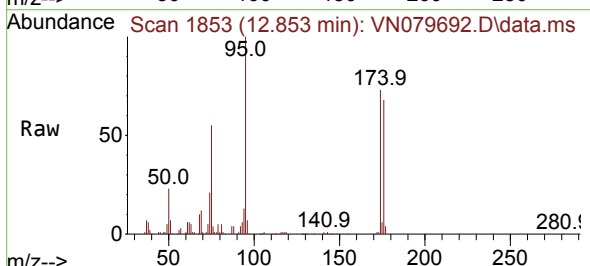
Tgt Ion: 75 Resp: 107855

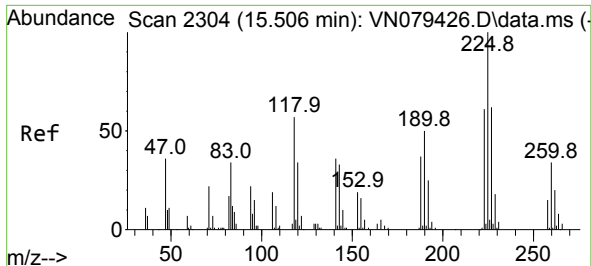
Ion Ratio Lower Upper

75 100

53 0.1 67.4 101.2#

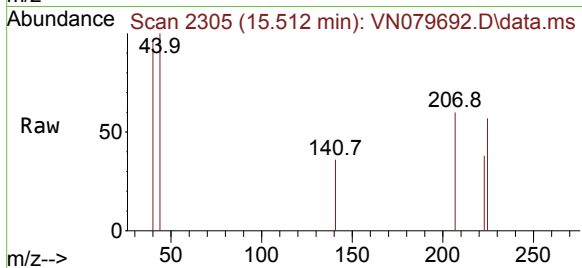
89 0.0 38.8 58.2#



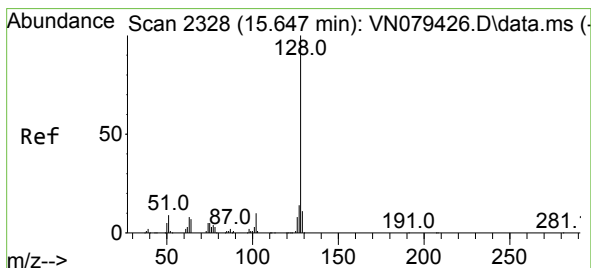
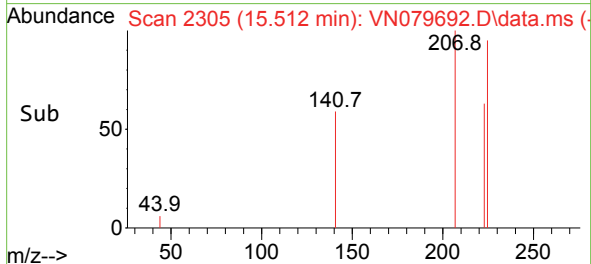
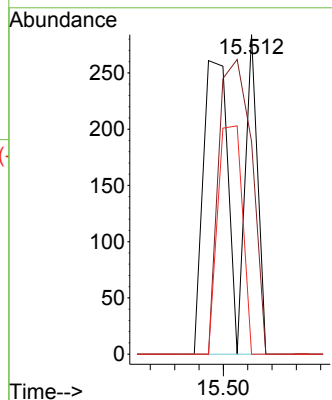


#94
Hexachlorobutadiene
Concen: 0.235 ug/l
RT: 15.512 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN079692.D
Acq: 26 Oct 2023 11:40

Instrument :
MSVOA_N
ClientSampleId :

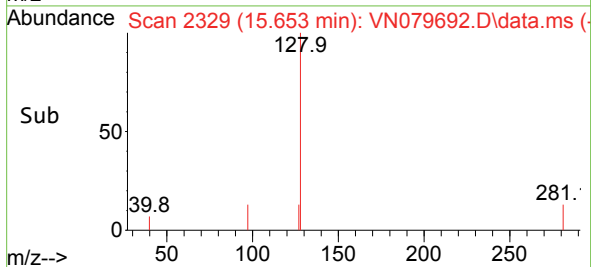
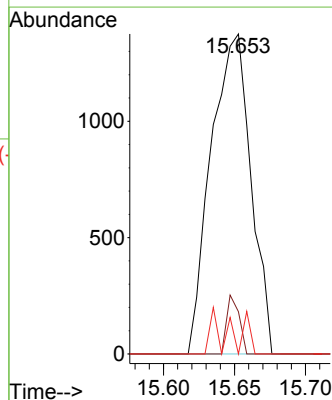
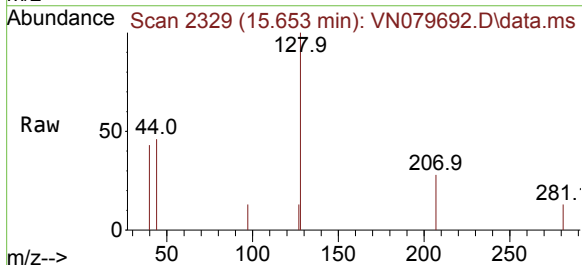


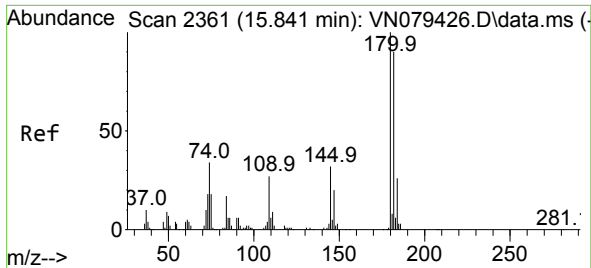
Tgt Ion:225 Resp: 283
Ion Ratio Lower Upper
225 100
223 86.9 31.3 93.8
227 50.5 31.9 95.9



#95
Naphthalene
Concen: 0.567 ug/l
RT: 15.653 min Scan# 2329
Delta R.T. 0.006 min
Lab File: VN079692.D
Acq: 26 Oct 2023 11:40

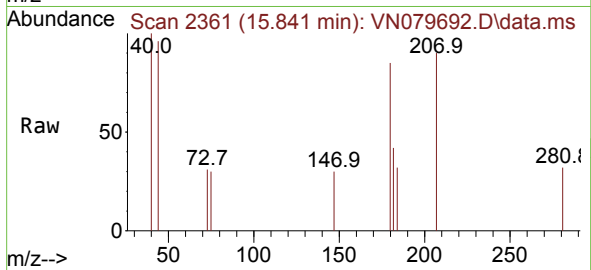
Tgt Ion:128 Resp: 2681
Ion Ratio Lower Upper
128 100
127 5.7 10.0 15.0#
129 2.6 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.438 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN079692.D
 Acq: 26 Oct 2023 11:40

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	53.6	46.2	138.6
145	0.0	17.5	52.6#

