

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077887.D
 Acq On : 25 May 2023 07:23
 Operator : JC\MD
 Sample : 02852-15 10X
 Misc : 6.68g/5.0mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CB-32-G3-SO-69.5-051823

Quant Time: May 25 08:34:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

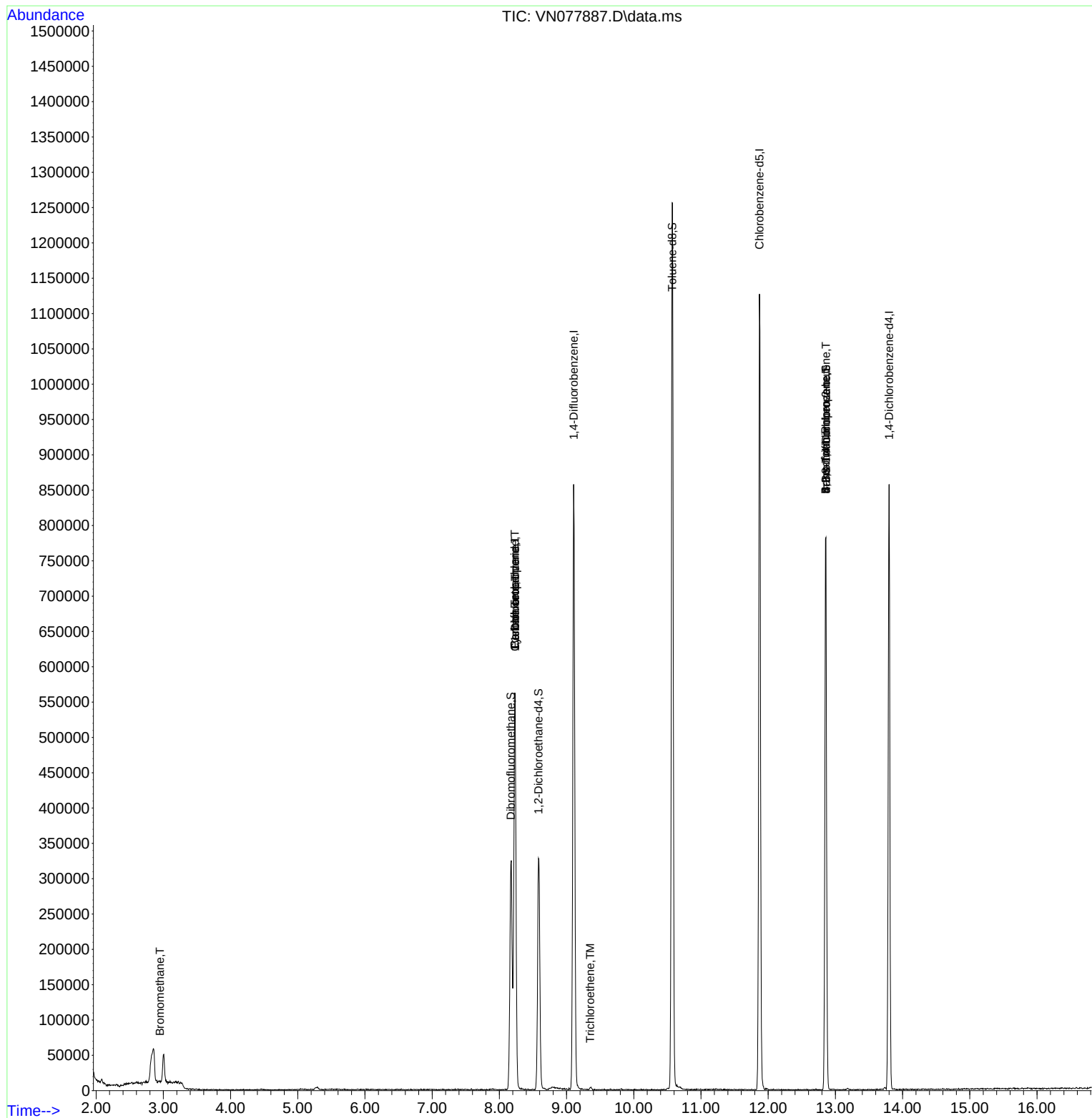
Internal Standards						
1) Pentafluorobenzene	8.230	168	405010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	748865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	675851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	226390	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	279537	46.128	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.260%		
35) Dibromofluoromethane	8.171	113	235269	48.179	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.360%		
50) Toluene-d8	10.571	98	931511	49.559	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.120%		
62) 4-Bromofluorobenzene	12.859	95	291543	43.918	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.840%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	1069	Below Cal	#	42
5) Bromomethane	2.948	94	1172	0.273	ug/l #	59
13) Acrolein	4.195	56	126	Below Cal	#	83
20) Methylene Chloride	5.289	84	1630	Below Cal	#	79
31) Cyclohexane	8.235	56	9989	1.213	ug/l #	40
36) 1,1-Dichloropropene	8.235	75	35662	4.993	ug/l #	48
38) Carbon Tetrachloride	8.230	117	45660	6.331	ug/l #	14
44) Trichloroethene	9.353	130	1190	0.223	ug/l	86
71) Bromoform	12.853	173	1918	0.569	ug/l #	28
76) 1,2,3-Trichloropropane	12.859	75	149964	26.450	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.859	75	149964	84.549	ug/l #	15

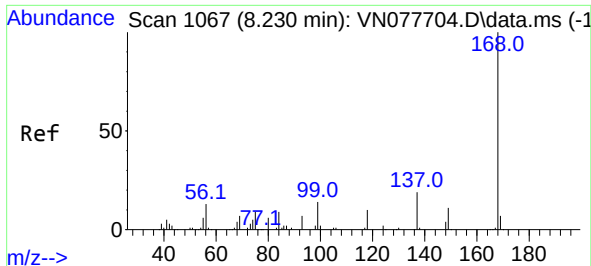
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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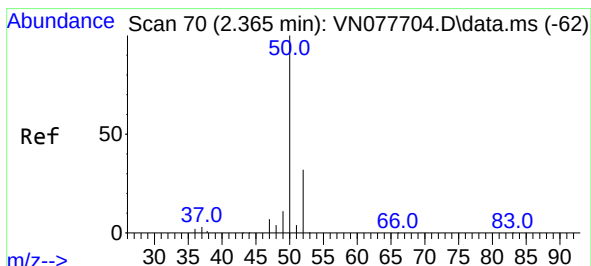
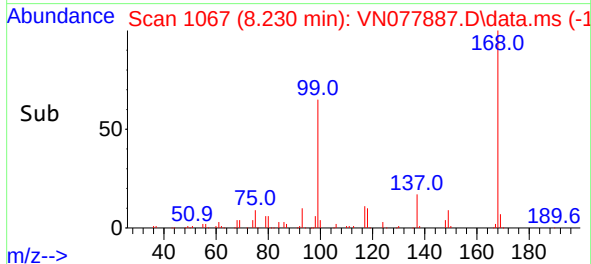
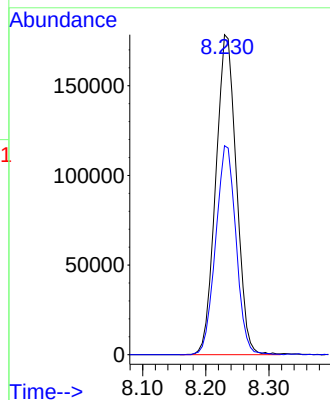
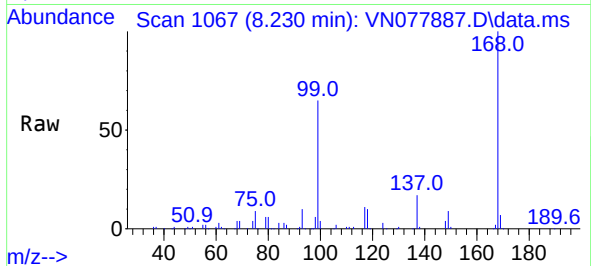




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077887.D
Acq: 25 May 2023 07:23

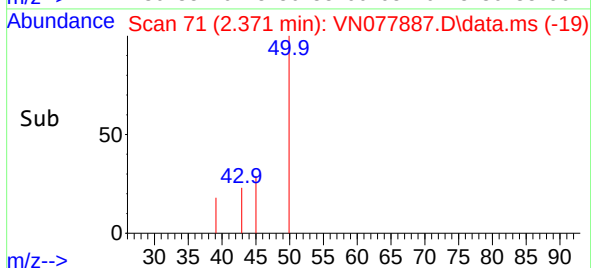
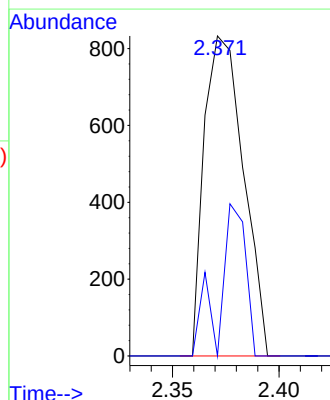
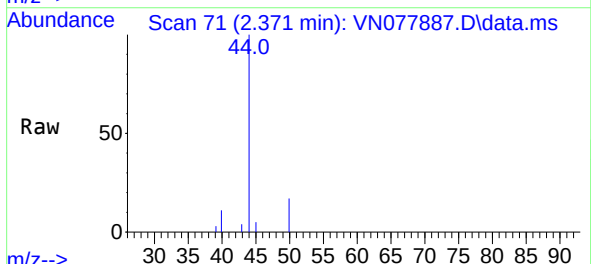
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-69.5-051823

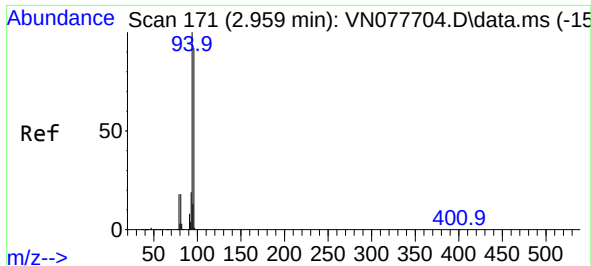
Tgt Ion:168 Resp: 405010
Ion Ratio Lower Upper
168 100
99 65.3 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077887.D
Acq: 25 May 2023 07:23

Tgt Ion: 50 Resp: 1069
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#

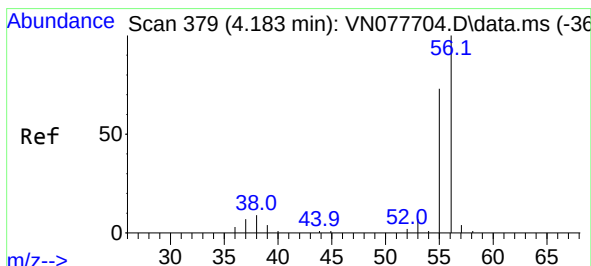
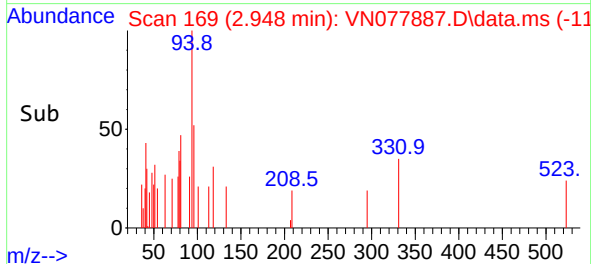
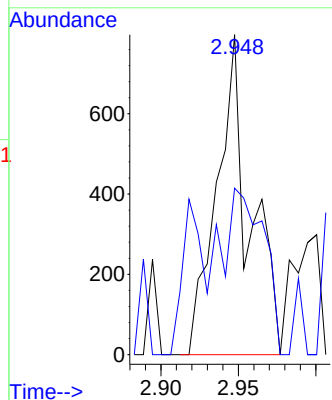
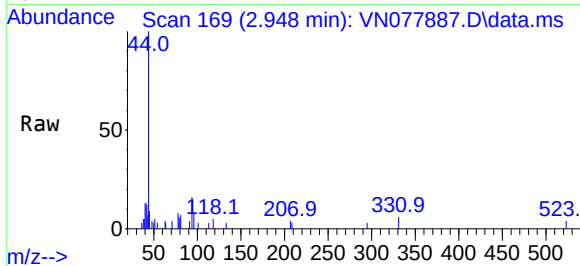




#5
Bromomethane
Concen: 0.273 ug/l
RT: 2.948 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN077887.D
Acq: 25 May 2023 07:23

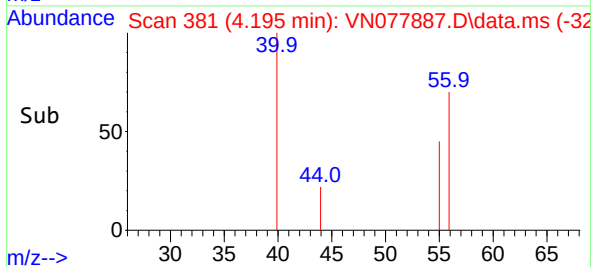
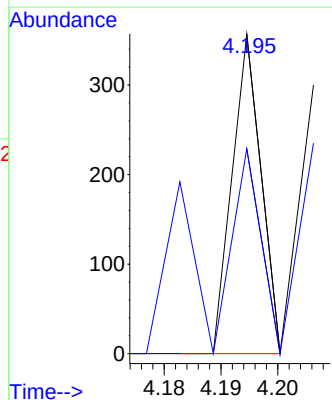
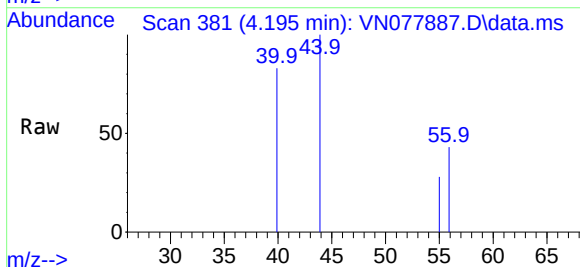
Instrument :
MSVOA_N
ClientSampleId :
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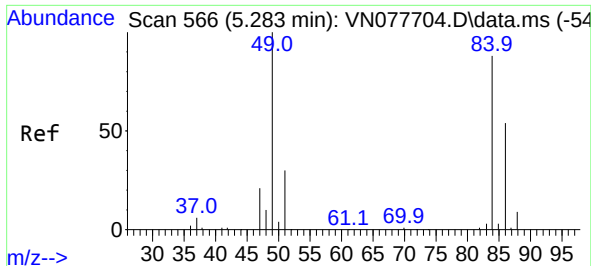
Tgt Ion: 94 Resp: 1172
Ion Ratio Lower Upper
94 100
96 52.1 73.1 109.7#



#13
Acrolein
Concen: Below Cal
RT: 4.195 min Scan# 381
Delta R.T. 0.006 min
Lab File: VN077887.D
Acq: 25 May 2023 07:23

Tgt Ion: 56 Resp: 126
Ion Ratio Lower Upper
56 100
55 54.0 54.5 81.7#



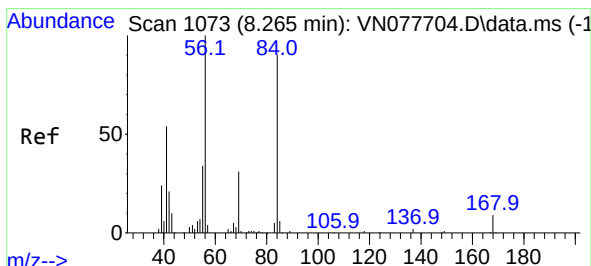
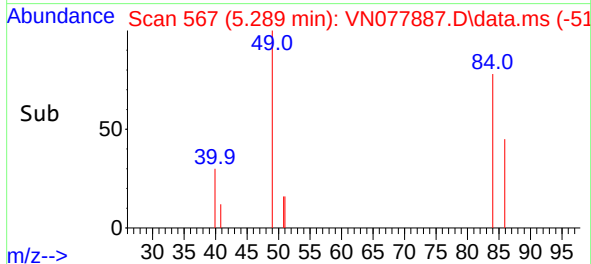
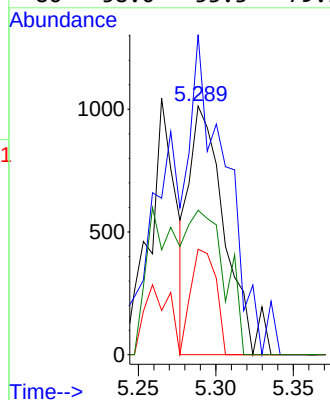
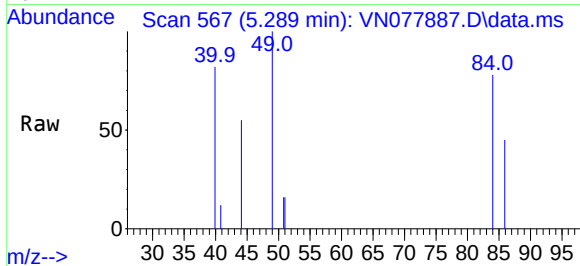


#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN077887.D
Acq: 25 May 2023 07:23

Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-69.5-051823

Tgt Ion: 84 Resp: 1630

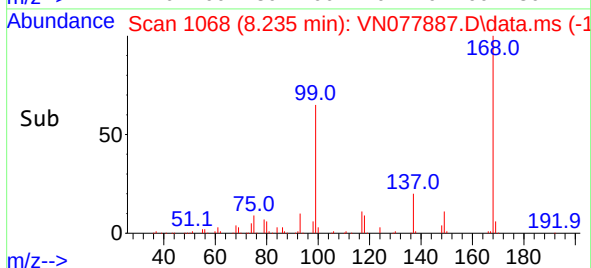
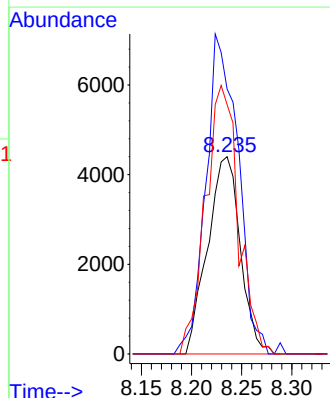
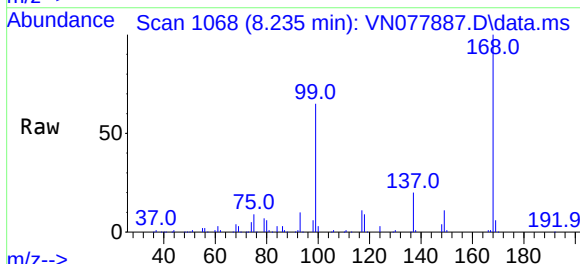
Ion	Ratio	Lower	Upper
84	100		
49	128.7	79.7	119.5#
51	42.4	25.2	37.8#
86	58.0	53.3	79.9

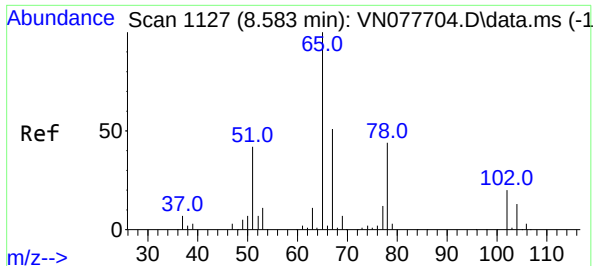


#31
Cyclohexane
Concen: 1.213 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.030 min
Lab File: VN077887.D
Acq: 25 May 2023 07:23

Tgt Ion: 56 Resp: 9989

Ion	Ratio	Lower	Upper
56	100		
69	129.6	26.8	40.2#
84	126.5	81.8	122.6#

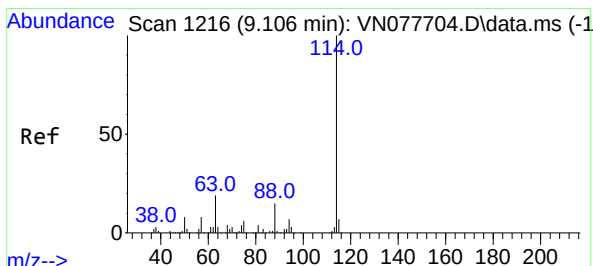
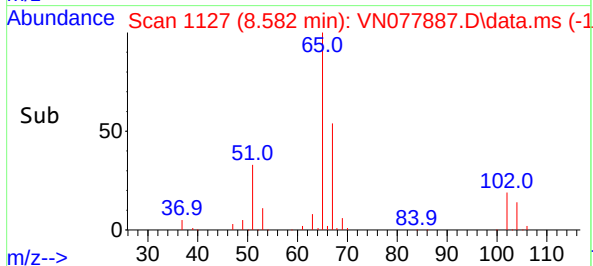
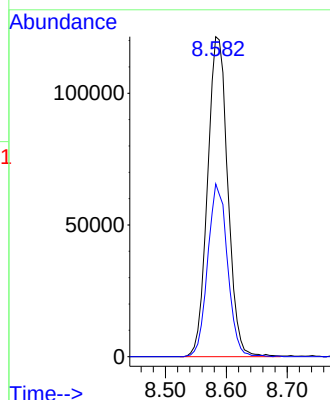
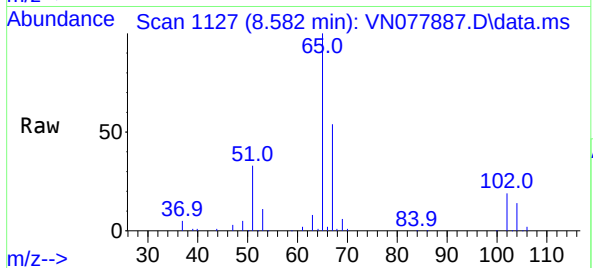




#33
1,2-Dichloroethane-d4
Concen: 46.128 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN077887.D
Acq: 25 May 2023 07:23

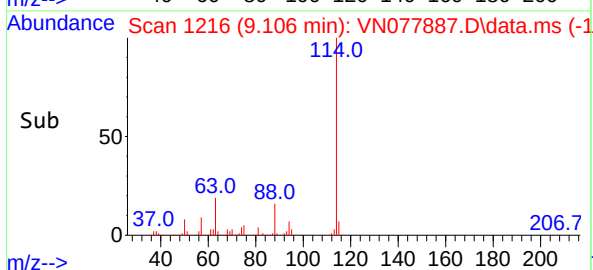
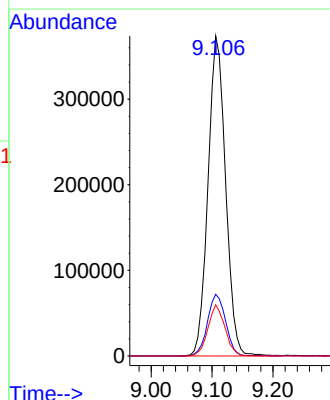
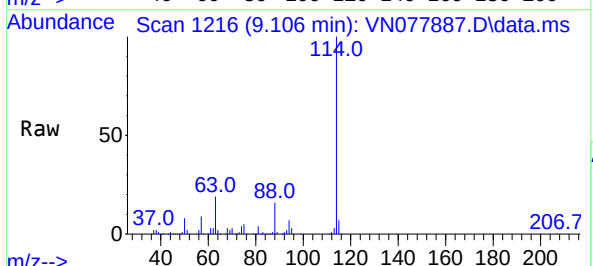
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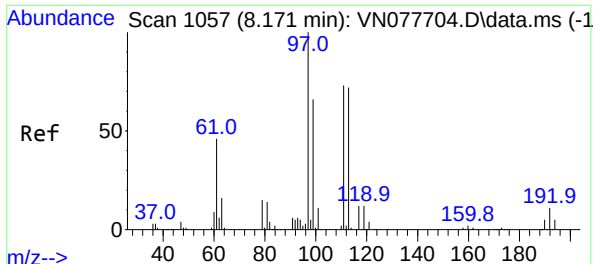
Tgt Ion: 65 Resp: 279537
Ion Ratio Lower Upper
65 100
67 52.9 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN077887.D
Acq: 25 May 2023 07:23

Tgt Ion: 114 Resp: 748865
Ion Ratio Lower Upper
114 100
63 19.2 0.0 36.4
88 16.0 0.0 30.6

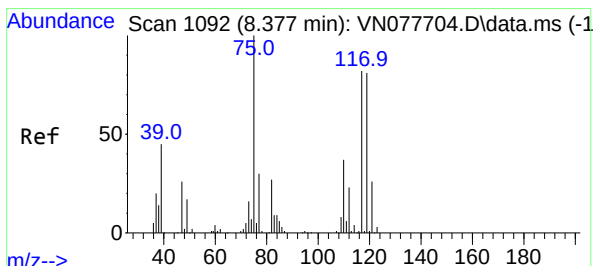
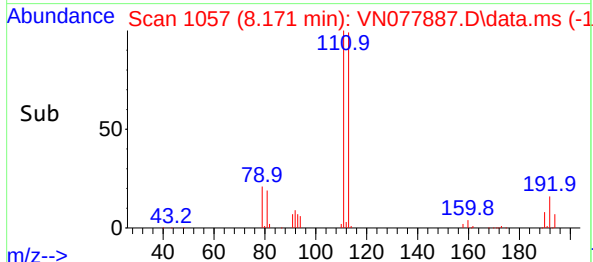
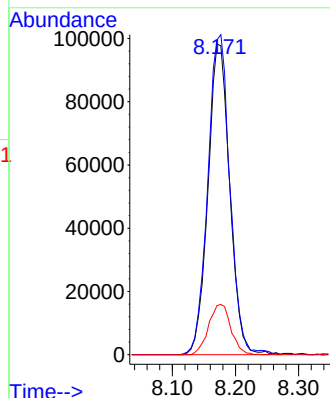
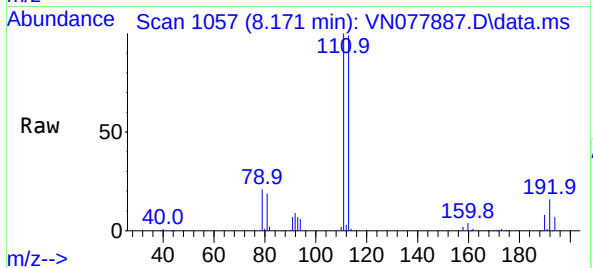




#35
Dibromofluoromethane
Concen: 48.179 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077887.D
Acq: 25 May 2023 07:23

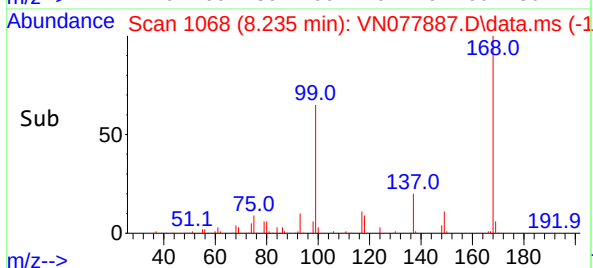
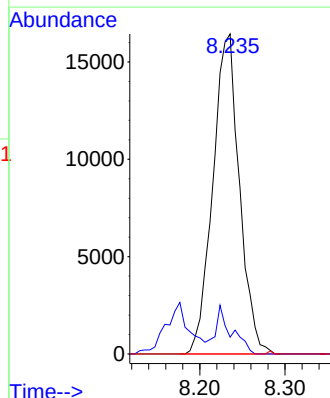
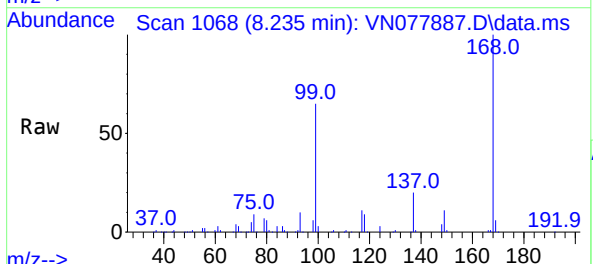
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ClientSampleId :
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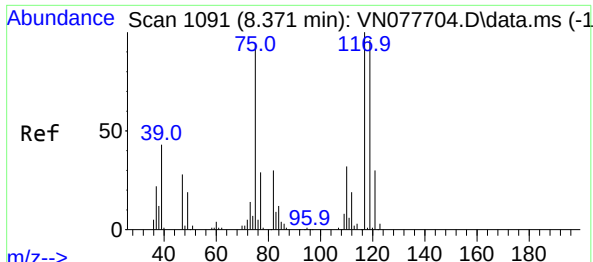
Tgt Ion:113 Resp: 235269
Ion Ratio Lower Upper
113 100
111 104.9 82.6 123.8
192 16.5 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.993 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.142 min
Lab File: VN077887.D
Acq: 25 May 2023 07:23

Tgt Ion: 75 Resp: 35662
Ion Ratio Lower Upper
75 100
110 9.3 19.1 57.3#
77 0.0 25.0 37.4#

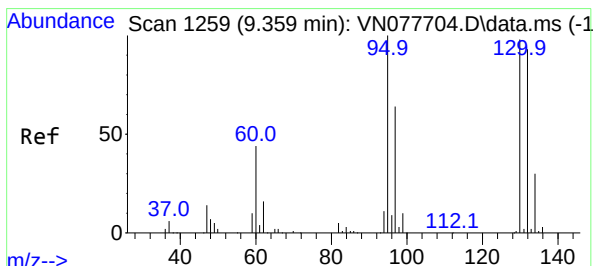
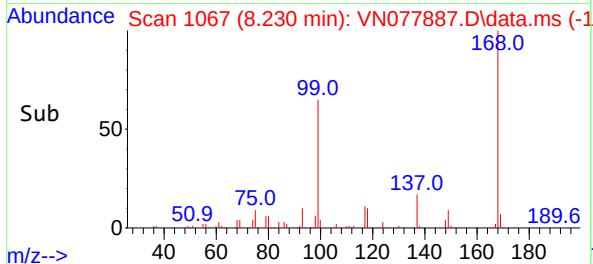
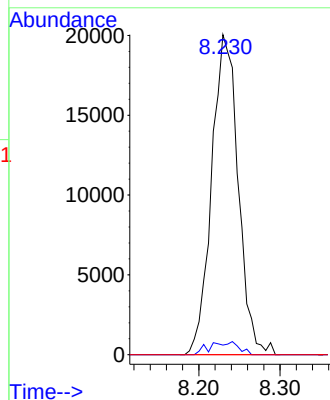
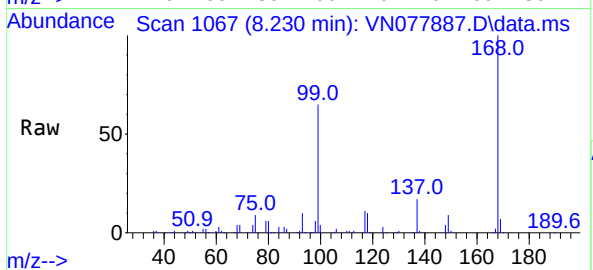




#38
Carbon Tetrachloride
Concen: 6.331 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN077887.D
Acq: 25 May 2023 07:23

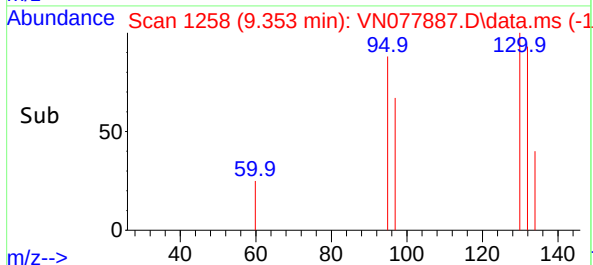
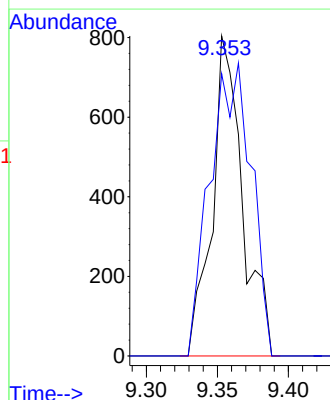
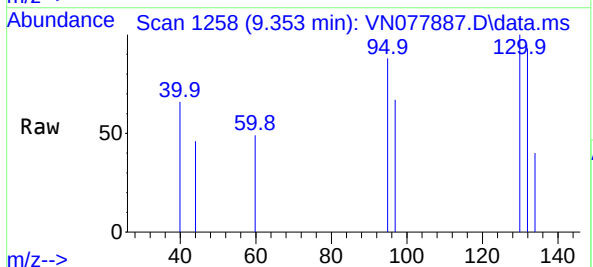
Instrument : MSVOA_N
ClientSampleId : CB-32-G3-SO-69.5-051823

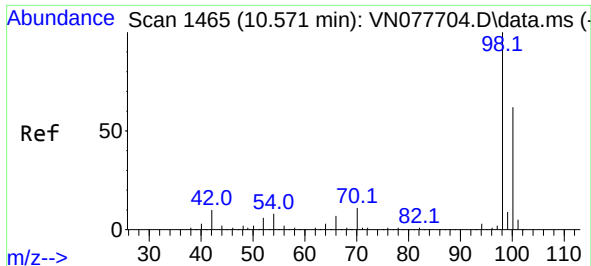
Tgt Ion:117 Resp: 45660
Ion Ratio Lower Upper
117 100
119 3.0 77.3 115.9#
121 0.0 23.3 34.9#



#44
Trichloroethene
Concen: 0.223 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN077887.D
Acq: 25 May 2023 07:23

Tgt Ion:130 Resp: 1190
Ion Ratio Lower Upper
130 100
95 88.2 0.0 204.6

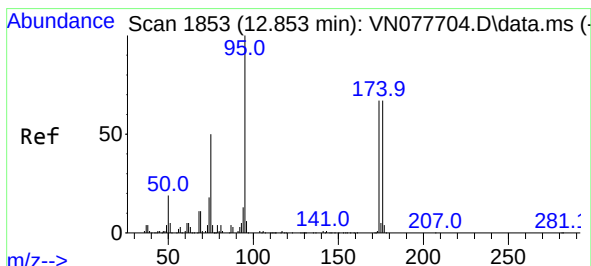
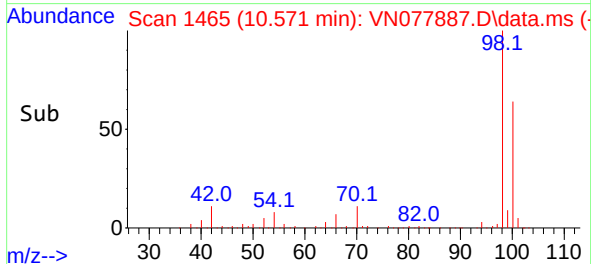
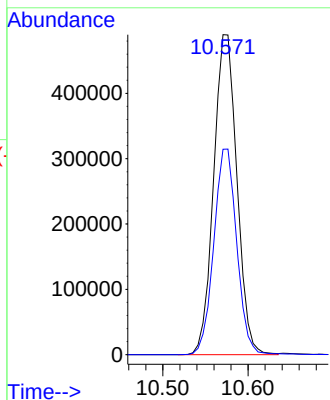
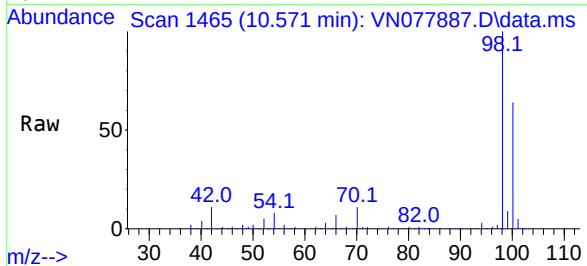




#50
Toluene-d8
Concen: 49.559 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077887.D
Acq: 25 May 2023 07:23

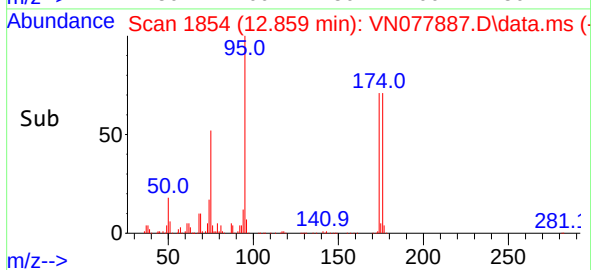
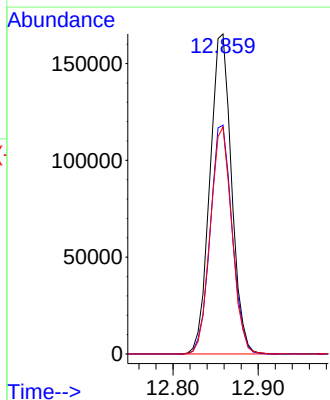
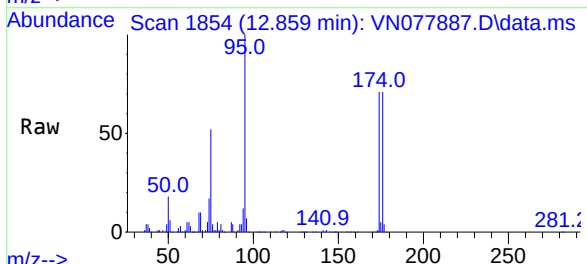
Instrument :
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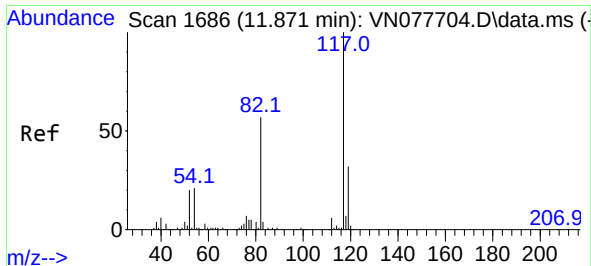
Tgt Ion: 98 Resp: 931511
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.918 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077887.D
Acq: 25 May 2023 07:23

Tgt Ion: 95 Resp: 291543
Ion Ratio Lower Upper
95 100
174 72.2 0.0 143.8
176 70.5 0.0 135.8

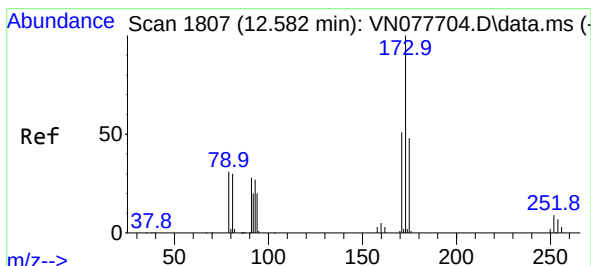
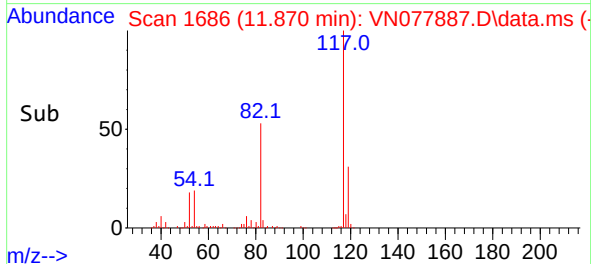
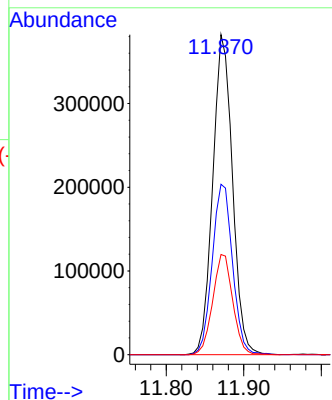
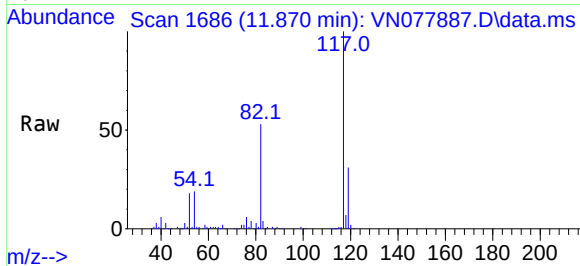




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077887.D
Acq: 25 May 2023 07:23

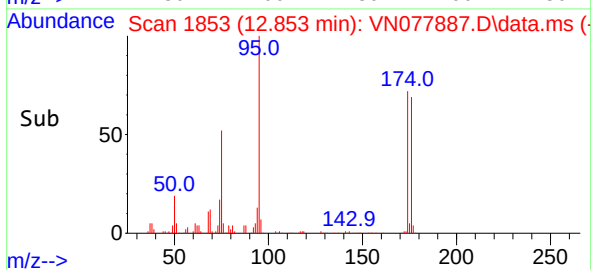
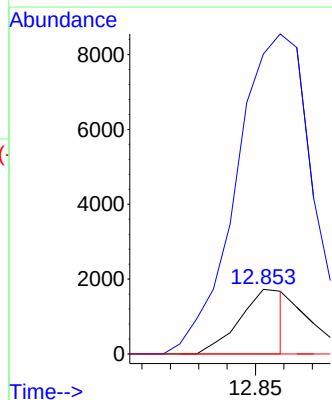
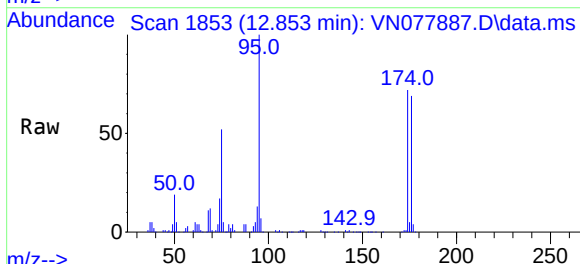
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-69.5-051823

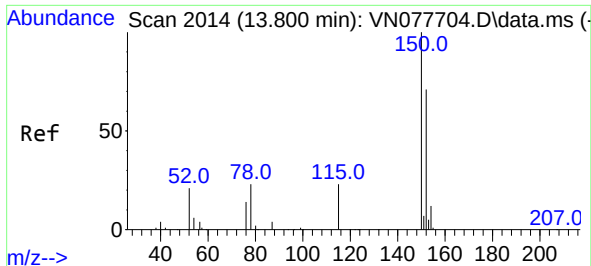
Tgt Ion:	117	Resp:	675851
Ion	Ratio	Lower	Upper
117	100		
82	53.3	44.0	66.0
119	31.3	25.6	38.4



#71
Bromoform
Concen: 0.569 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN077887.D
Acq: 25 May 2023 07:23

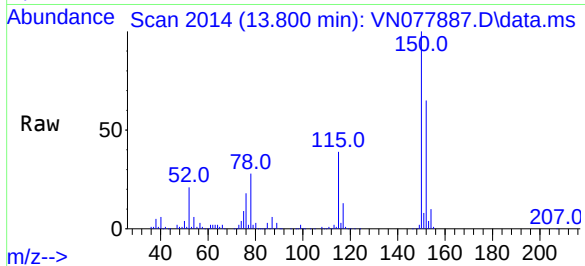
Tgt Ion:	173	Resp:	1918
Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.3	73.0#
254	0.0	0.0	0.0



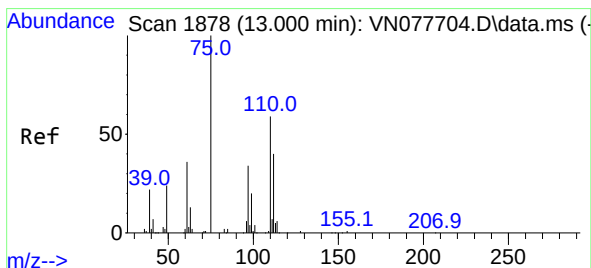
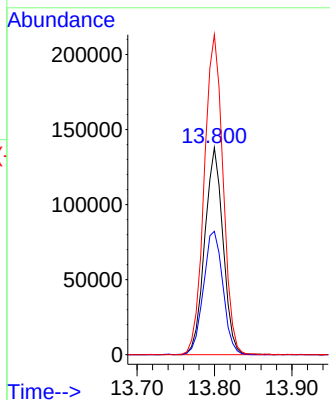
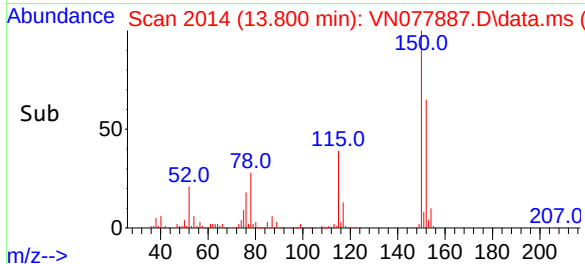


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077887.D
Acq: 25 May 2023 07:23

Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-69.5-051823

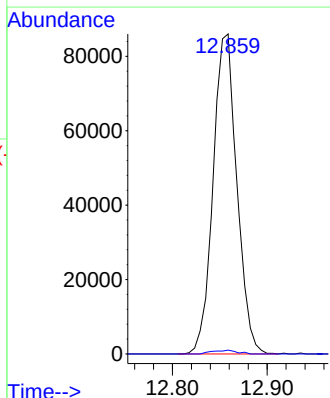
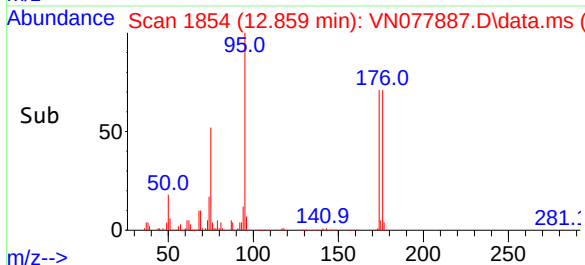
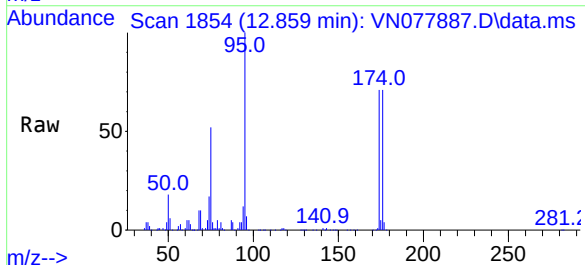


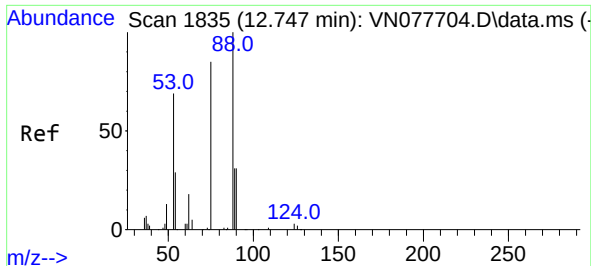
Tgt Ion:152 Resp: 226390
Ion Ratio Lower Upper
152 100
115 63.3 32.3 96.8
150 158.5 0.0 355.8



#76
1,2,3-Trichloropropane
Concen: 26.450 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. -0.141 min
Lab File: VN077887.D
Acq: 25 May 2023 07:23

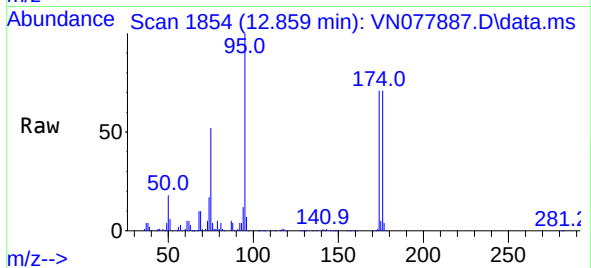
Tgt Ion: 75 Resp: 149964
Ion Ratio Lower Upper
75 100
77 1.2 84.5 253.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 84.549 ug/l
RT: 12.859 min Scan# 11
Delta R.T. 0.118 min
Lab File: VN077887.D
Acq: 25 May 2023 07:23

Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-69.5-051823



Tgt Ion: 75 Resp: 149964
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.1 38.8 58.2#

