

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077881.D
 Acq On : 25 May 2023 04:59
 Operator : JC\MD
 Sample : 02852-09 10X
 Misc : 6.45g/5.0mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CB-32-G3-SO-50.5-051823

Quant Time: May 25 05:50:01 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)

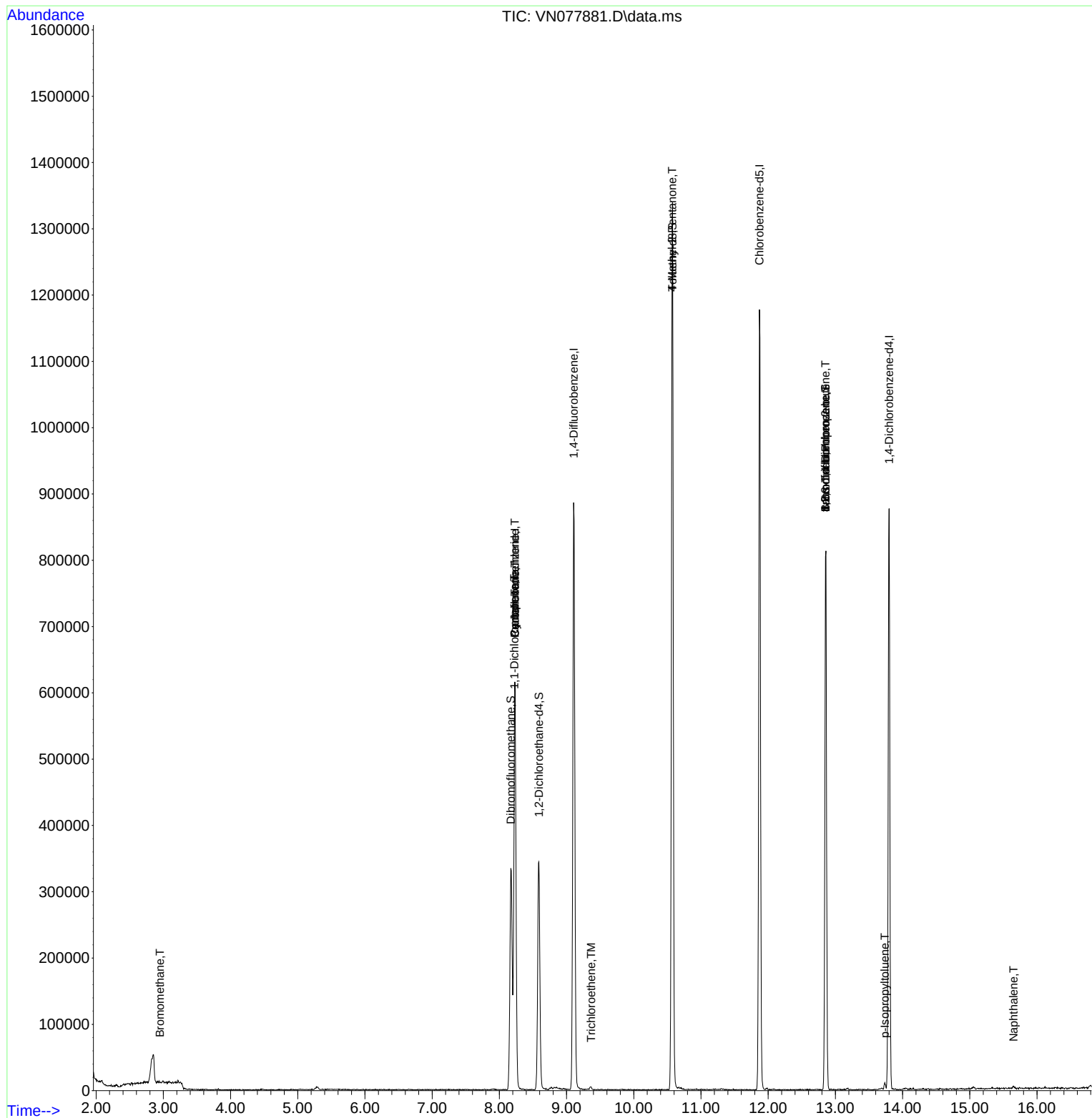
Internal Standards						
1) Pentafluorobenzene	8.230	168	434593	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	804987	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	702335	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	230587	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	283992	43.673	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.340%
35) Dibromofluoromethane	8.171	113	245049	46.683	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.360%
50) Toluene-d8	10.577	98	974370	48.225	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.440%
62) 4-Bromofluorobenzene	12.853	95	299799	42.013	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.020%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	1157	Below Cal	#	69
5) Bromomethane	2.948	94	1111	0.241	ug/l #	36
13) Acrolein	4.195	56	233	Below Cal	#	74
20) Methylene Chloride	5.300	84	2173	Below Cal	#	81
31) Cyclohexane	8.230	56	9306	1.053	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	37260	4.853	ug/l #	50
38) Carbon Tetrachloride	8.230	117	47911	6.180	ug/l #	15
44) Trichloroethene	9.365	130	1994	0.348	ug/l	63
51) 4-Methyl-2-Pentanone	10.571	43	4108	0.618	ug/l #	1
71) Bromoform	12.853	173	1995	0.569	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	155575	26.941	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	155575	86.116	ug/l #	15
86) p-Isopropyltoluene	13.735	119	5543	0.335	ug/l	95
95) Naphthalene	15.653	128	3201	0.203	ug/l #	92

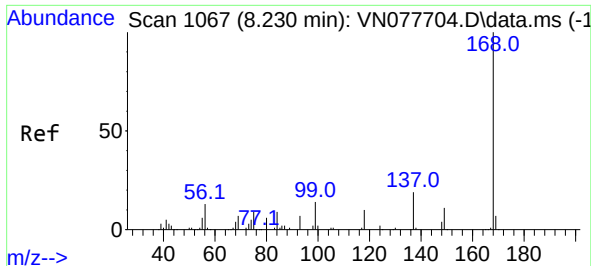
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
Data File : VN077881.D
Acq On : 25 May 2023 04:59
Operator : JC\MD
Sample : 02852-09 10X
Misc : 6.45g/5.0mL/100uL/5.0mL/MSVOA_N/MEOH
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-50.5-051823

Quant Time: May 25 05:50:01 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

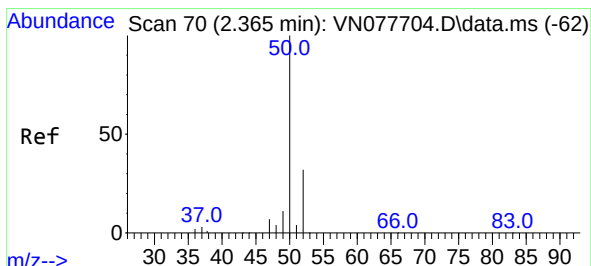
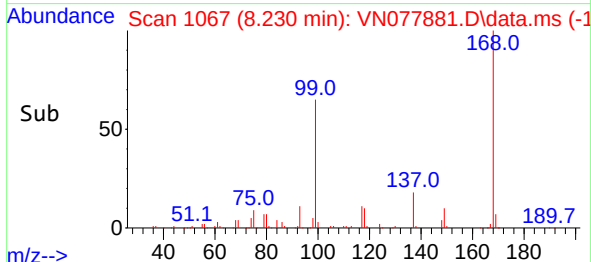
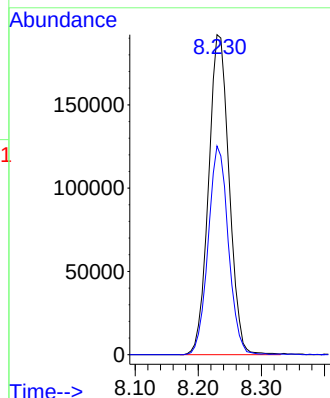
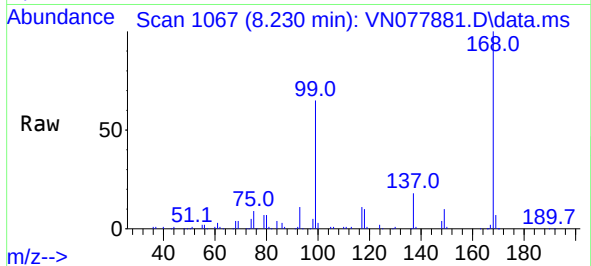




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077881.D
Acq: 25 May 2023 04:59

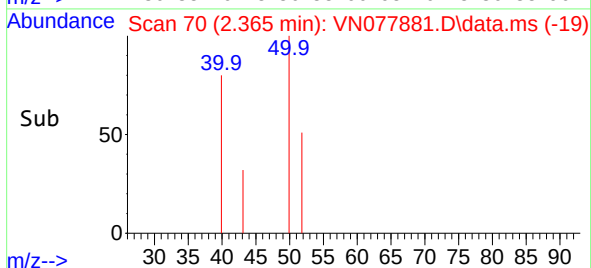
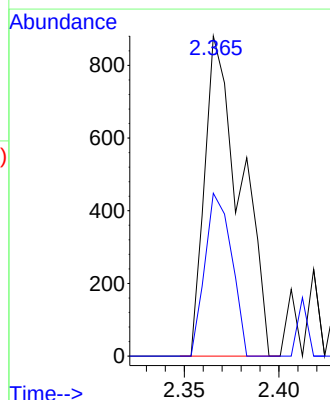
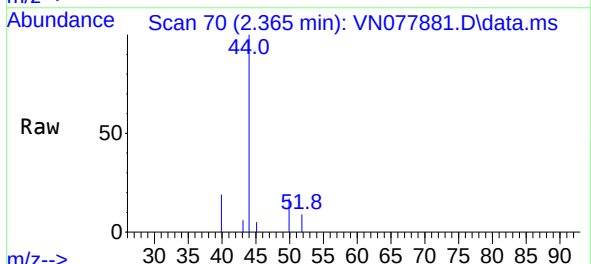
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-50.5-051823

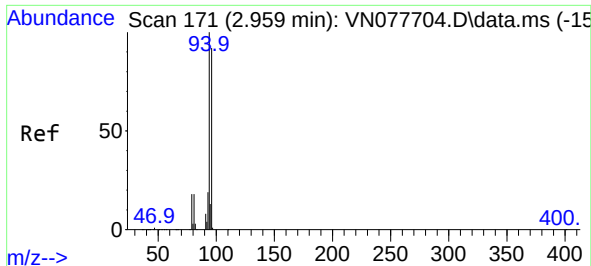
Tgt Ion:168 Resp: 434593
Ion Ratio Lower Upper
168 100
99 65.2 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN077881.D
Acq: 25 May 2023 04:59

Tgt Ion: 50 Resp: 1157
Ion Ratio Lower Upper
50 100
52 50.9 26.5 39.7#

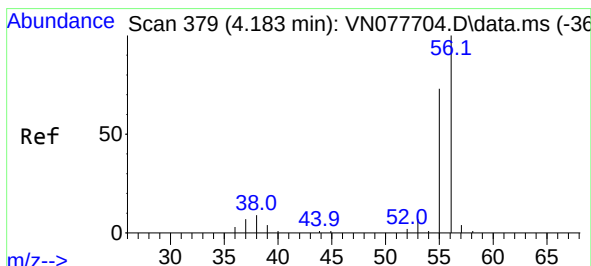
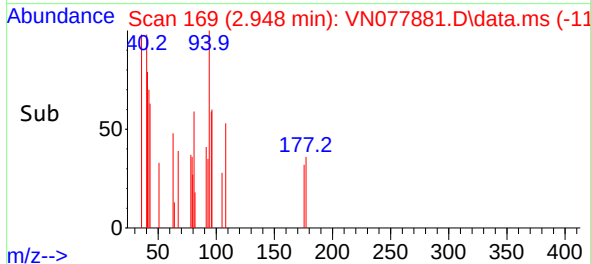
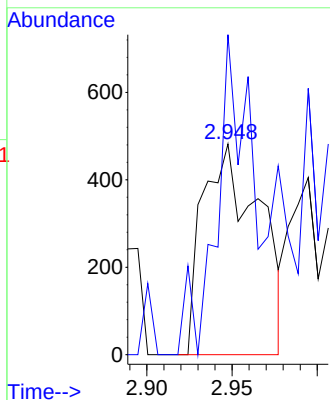
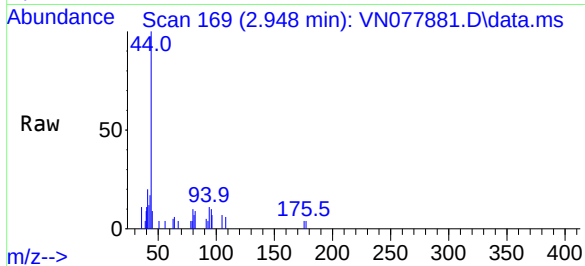




#5
Bromomethane
Concen: 0.241 ug/l
RT: 2.948 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN077881.D
Acq: 25 May 2023 04:59

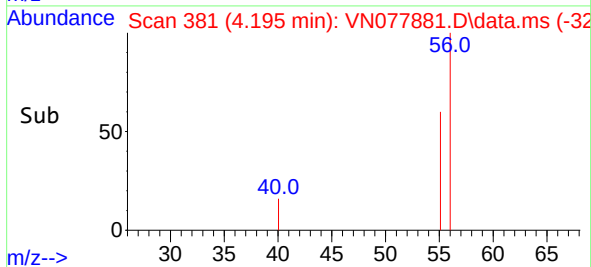
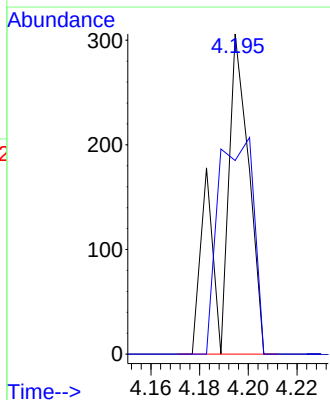
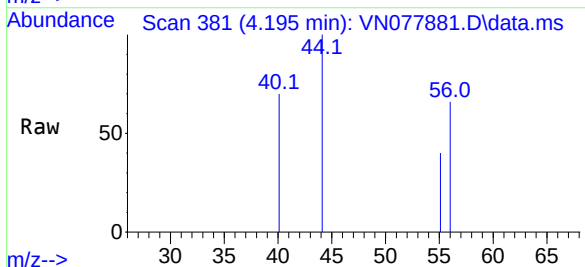
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-50.5-051823

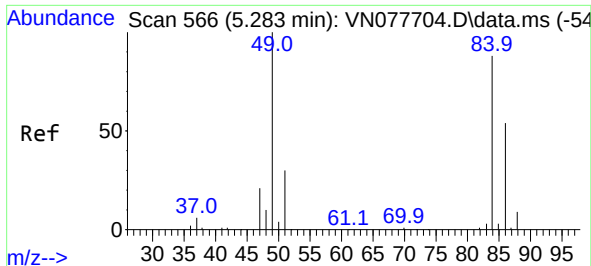
Tgt Ion: 94 Resp: 1111
Ion Ratio Lower Upper
94 100
96 151.9 73.1 109.7#



#13
Acrolein
Concen: Below Cal
RT: 4.195 min Scan# 381
Delta R.T. 0.006 min
Lab File: VN077881.D
Acq: 25 May 2023 04:59

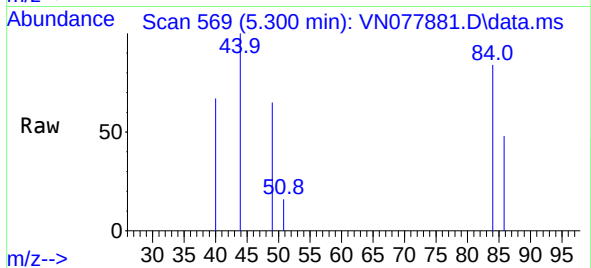
Tgt Ion: 56 Resp: 233
Ion Ratio Lower Upper
56 100
55 89.3 54.5 81.7#





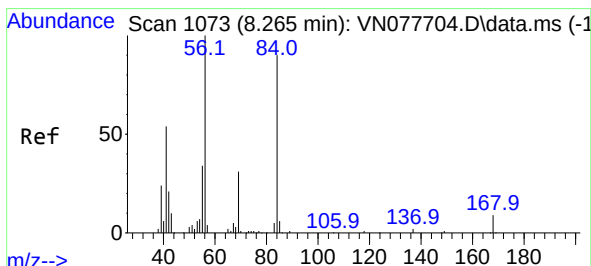
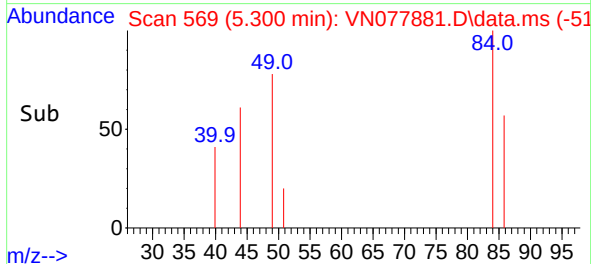
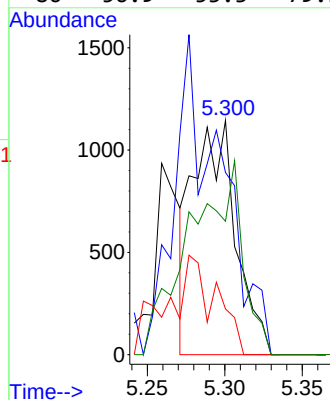
#20
Methylene Chloride
Concen: Below Cal
RT: 5.300 min Scan# 51
Delta R.T. 0.017 min
Lab File: VN077881.D
Acq: 25 May 2023 04:59

Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-50.5-051823



Tgt Ion: 84 Resp: 2173

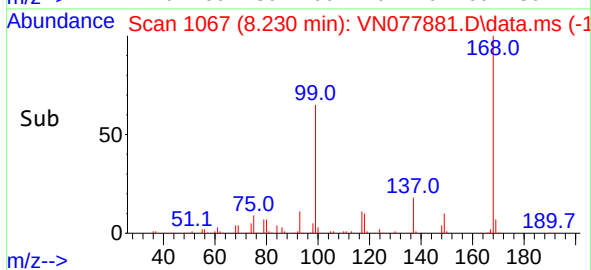
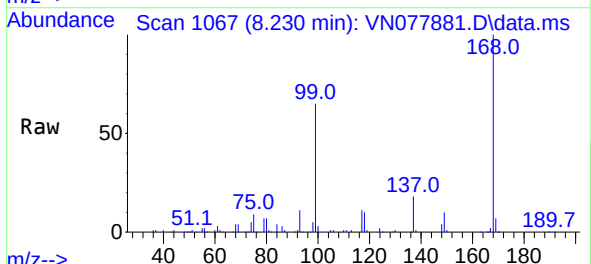
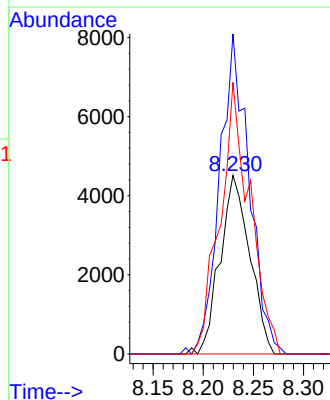
Ion	Ratio	Lower	Upper
84	100		
49	77.7	79.7	119.5#
51	19.5	25.2	37.8#
86	56.9	53.3	79.9

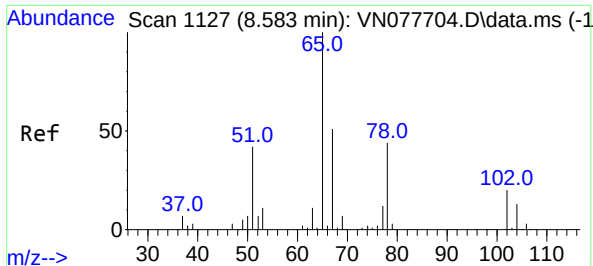


#31
Cyclohexane
Concen: 1.053 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN077881.D
Acq: 25 May 2023 04:59

Tgt Ion: 56 Resp: 9306

Ion	Ratio	Lower	Upper
56	100		
69	179.2	26.8	40.2#
84	152.2	81.8	122.6#

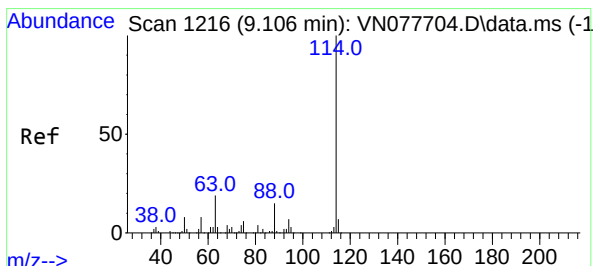
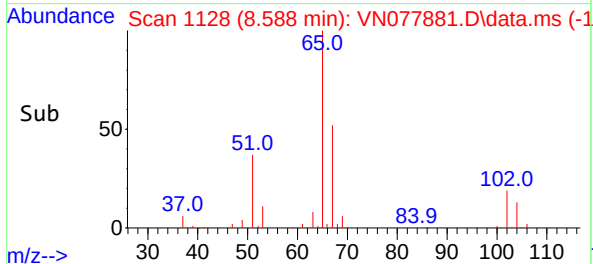
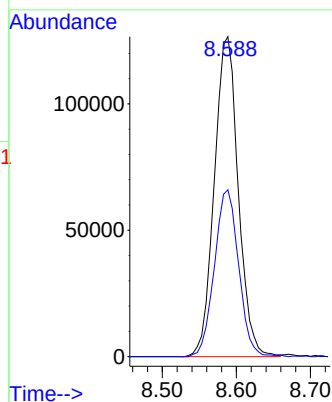
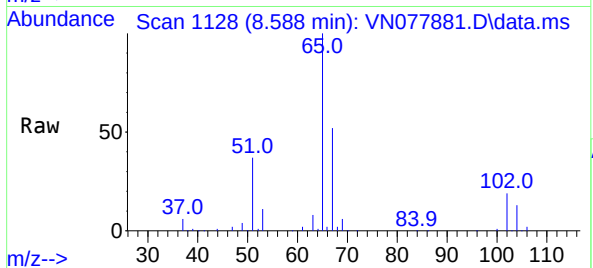




#33
1,2-Dichloroethane-d4
Concen: 43.673 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN077881.D
Acq: 25 May 2023 04:59

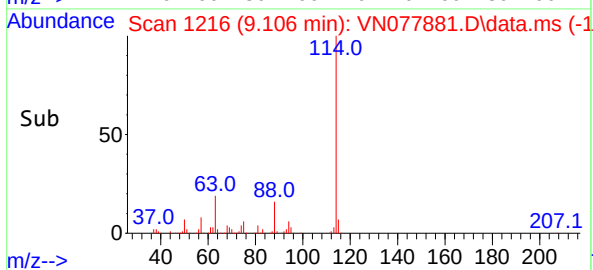
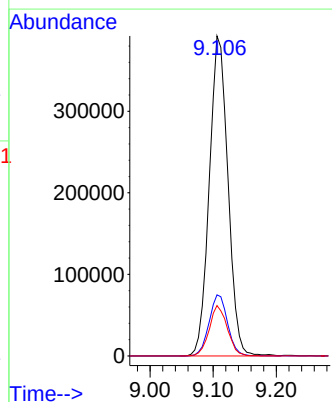
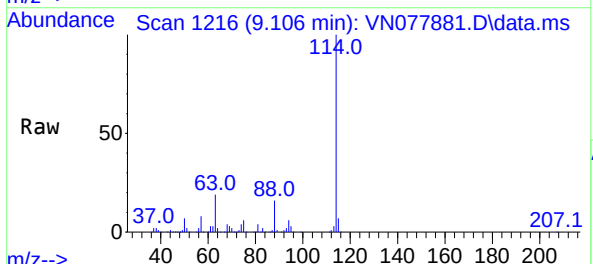
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-50.5-051823

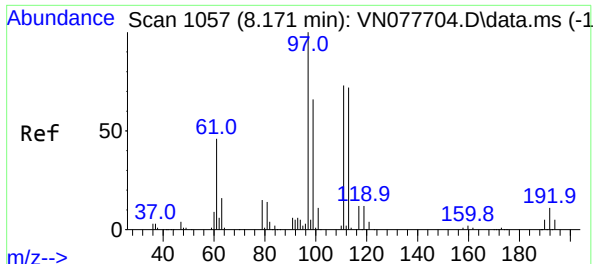
Tgt Ion: 65 Resp: 283992
Ion Ratio Lower Upper
65 100
67 52.8 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN077881.D
Acq: 25 May 2023 04:59

Tgt Ion:114 Resp: 804987
Ion Ratio Lower Upper
114 100
63 19.1 0.0 36.4
88 15.8 0.0 30.6

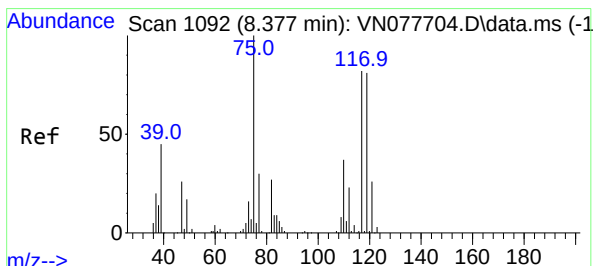
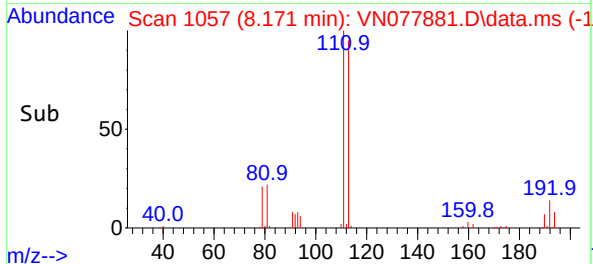
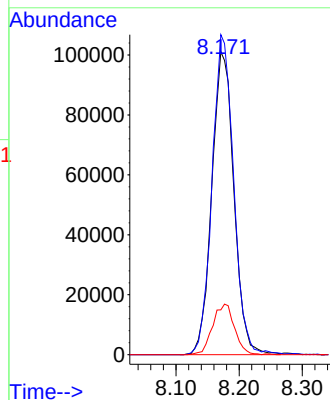
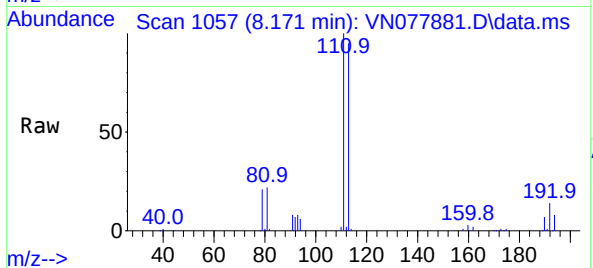




#35
Dibromofluoromethane
Concen: 46.683 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077881.D
Acq: 25 May 2023 04:59

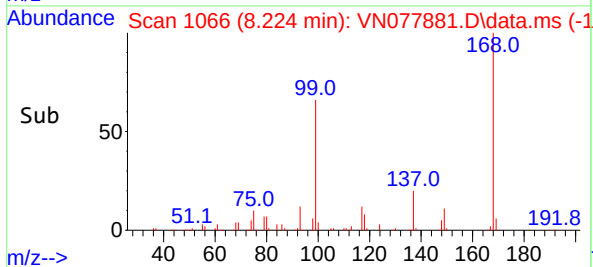
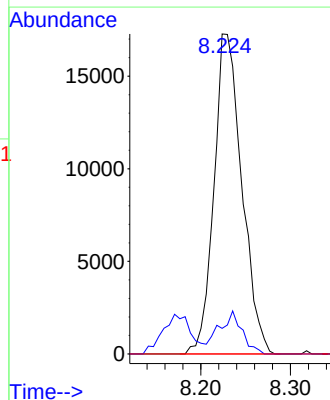
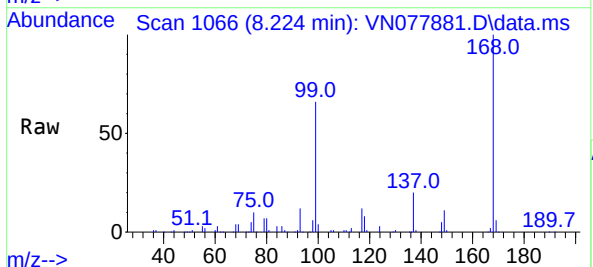
Instrument : MSVOA_N
ClientSampleId : CB-32-G3-SO-50.5-051823

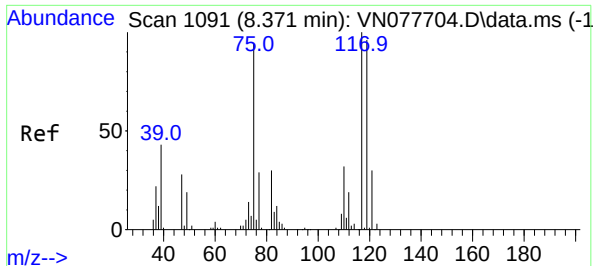
Tgt Ion:113 Resp: 245049
Ion Ratio Lower Upper
113 100
111 103.3 82.6 123.8
192 16.5 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.853 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN077881.D
Acq: 25 May 2023 04:59

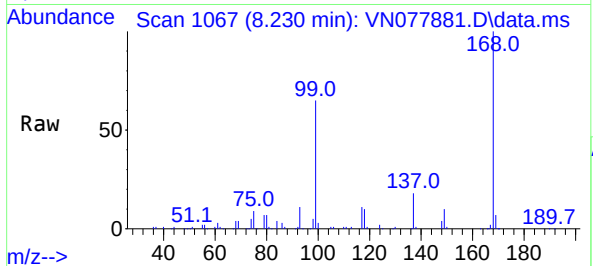
Tgt Ion: 75 Resp: 37260
Ion Ratio Lower Upper
75 100
110 11.0 19.1 57.3#
77 0.0 25.0 37.4#



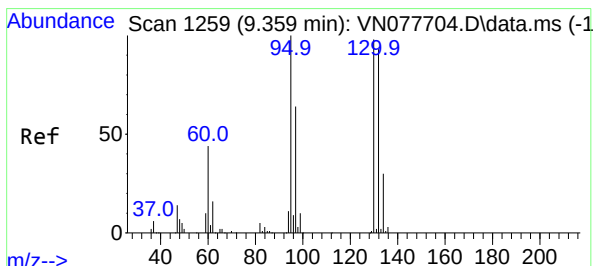
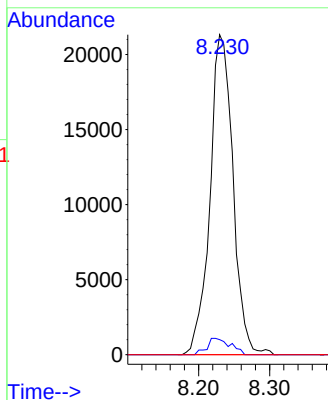
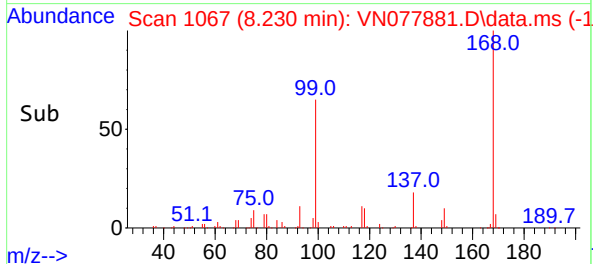


#38
Carbon Tetrachloride
Concen: 6.180 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.141 min
Lab File: VN077881.D
Acq: 25 May 2023 04:59

Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-50.5-051823

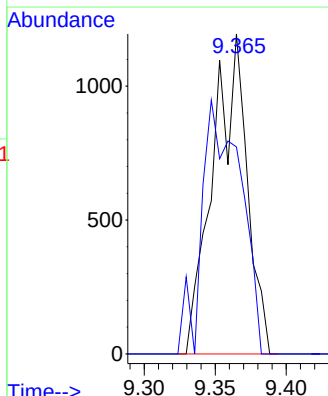
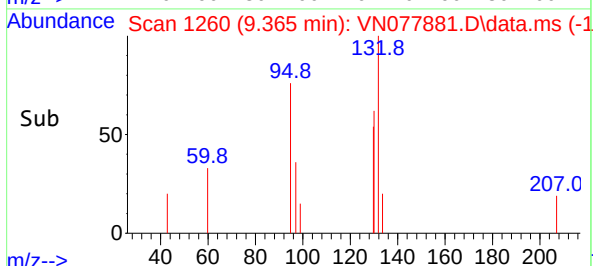
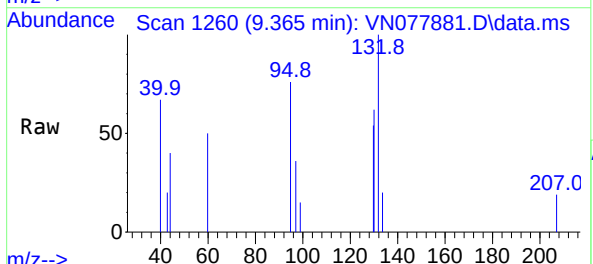


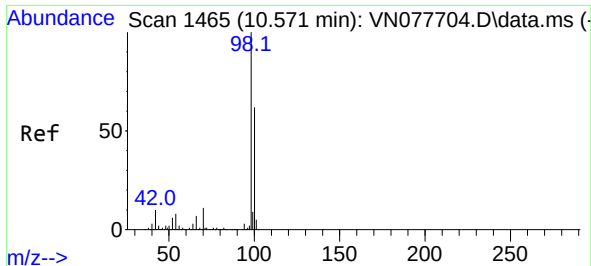
Tgt Ion:117 Resp: 47911
Ion Ratio Lower Upper
117 100
119 4.7 77.3 115.9#
121 0.0 23.3 34.9#



#44
Trichloroethene
Concen: 0.348 ug/l
RT: 9.365 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VN077881.D
Acq: 25 May 2023 04:59

Tgt Ion:130 Resp: 1994
Ion Ratio Lower Upper
130 100
95 64.7 0.0 204.6

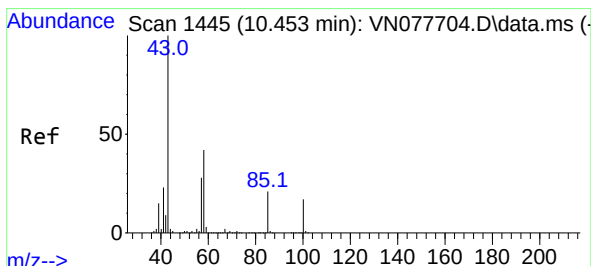
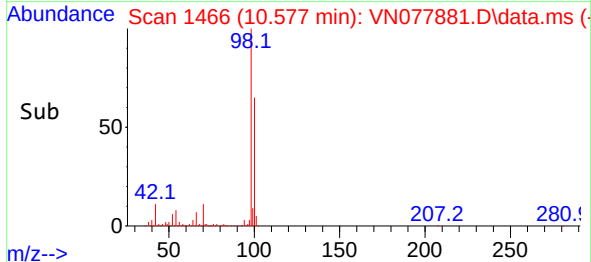
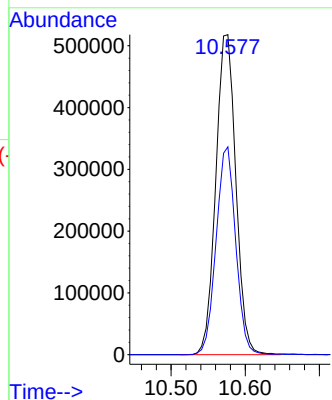
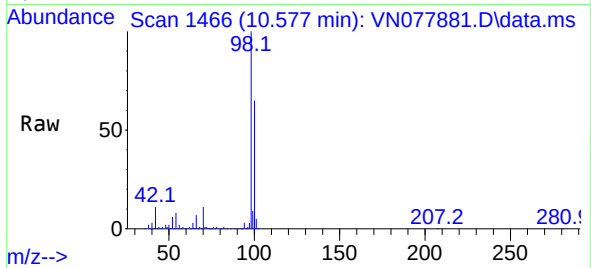




#50
Toluene-d8
Concen: 48.225 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN077881.D
Acq: 25 May 2023 04:59

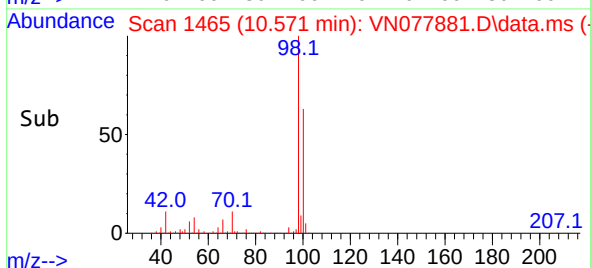
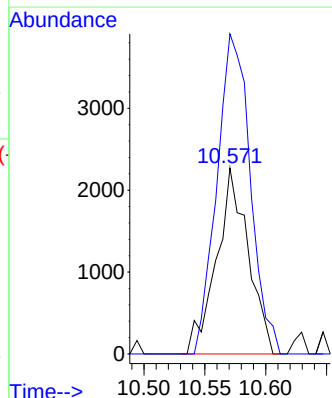
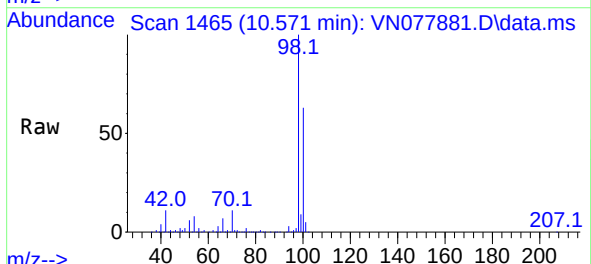
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-50.5-051823

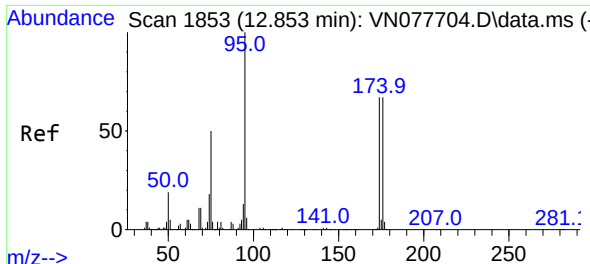
Tgt Ion: 98 Resp: 974370
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.618 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.124 min
Lab File: VN077881.D
Acq: 25 May 2023 04:59

Tgt Ion: 43 Resp: 4108
Ion Ratio Lower Upper
43 100
58 181.2 36.6 54.8#

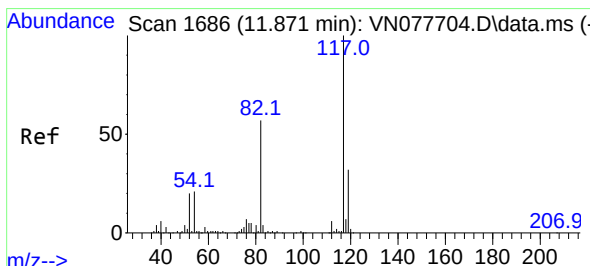
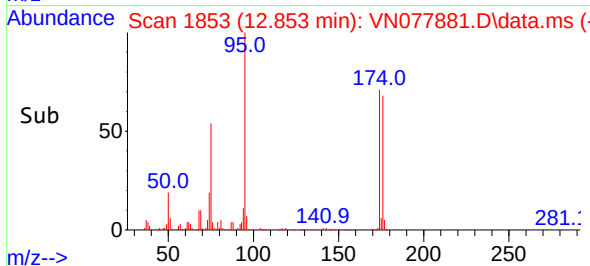
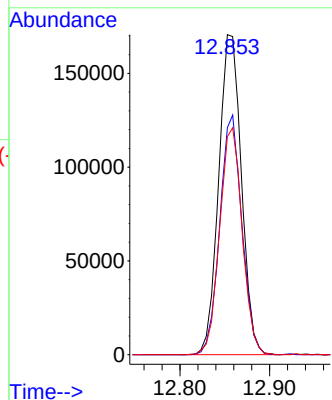
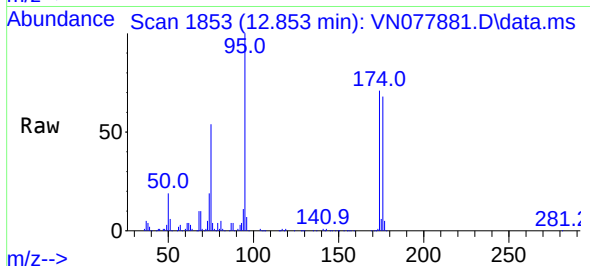




#62
4-Bromofluorobenzene
Concen: 42.013 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077881.D
Acq: 25 May 2023 04:59

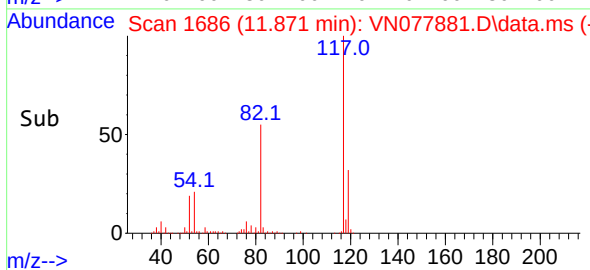
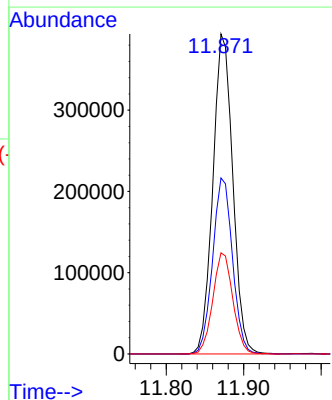
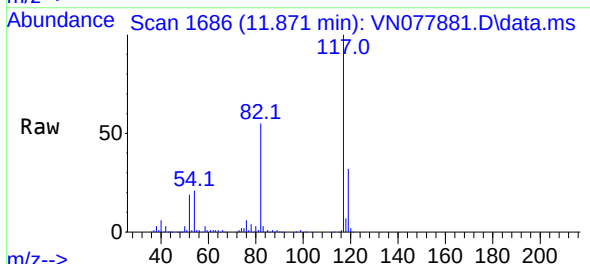
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-50.5-051823

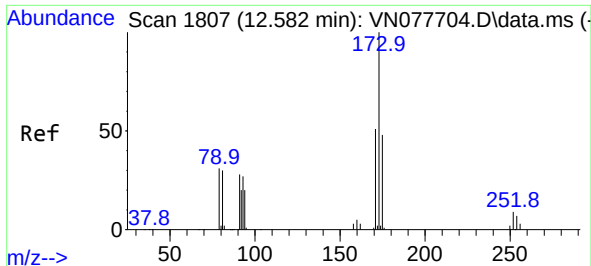
Tgt Ion: 95 Resp: 299799
Ion Ratio Lower Upper
95 100
174 72.8 0.0 143.8
176 70.4 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077881.D
Acq: 25 May 2023 04:59

Tgt Ion: 117 Resp: 702335
Ion Ratio Lower Upper
117 100
82 55.0 44.0 66.0
119 31.6 25.6 38.4

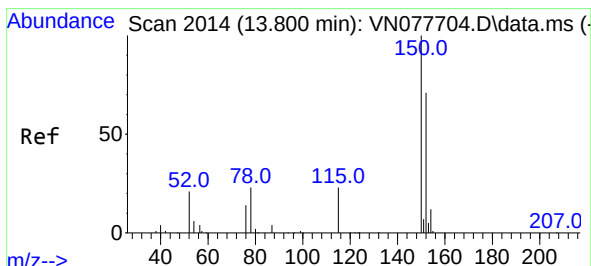
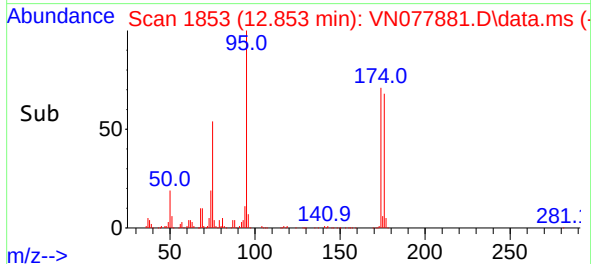
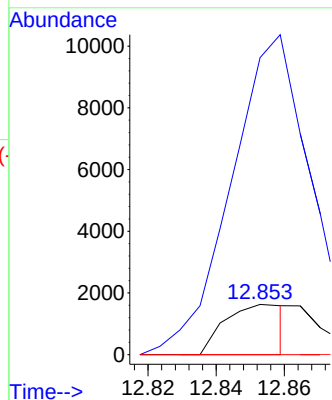
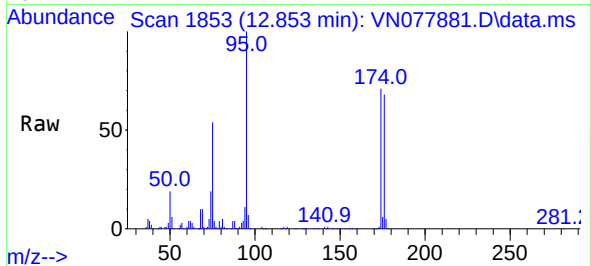




#71
Bromoform
Concen: 0.569 ug/l
RT: 12.853 min Scan# 1807
Delta R.T. 0.271 min
Lab File: VN077881.D
Acq: 25 May 2023 04:59

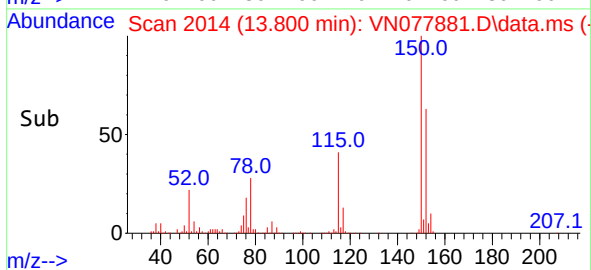
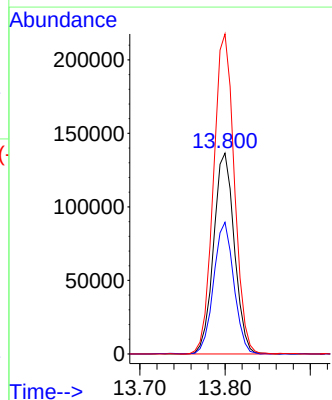
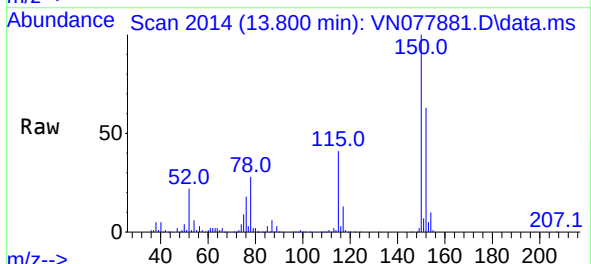
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-50.5-051823

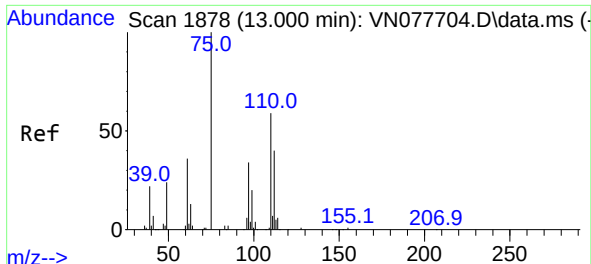
Tgt Ion:173 Resp: 1995
Ion Ratio Lower Upper
173 100
175 0.0 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077881.D
Acq: 25 May 2023 04:59

Tgt Ion:152 Resp: 230587
Ion Ratio Lower Upper
152 100
115 64.0 32.3 96.8
150 160.3 0.0 355.8

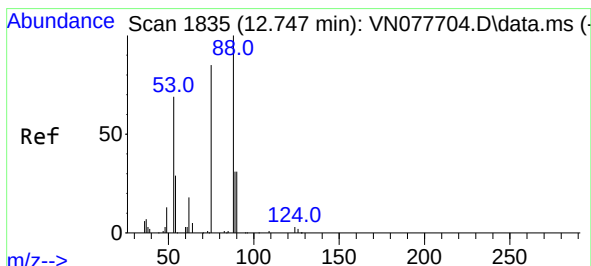
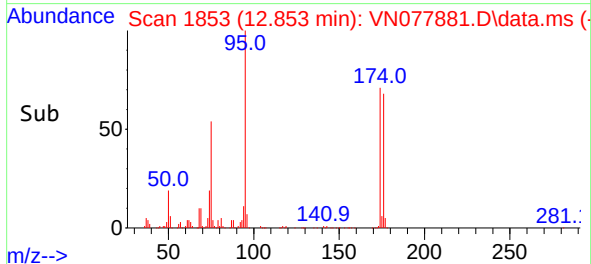
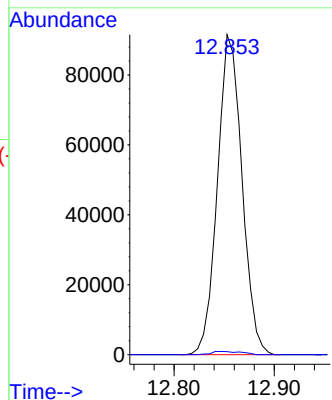
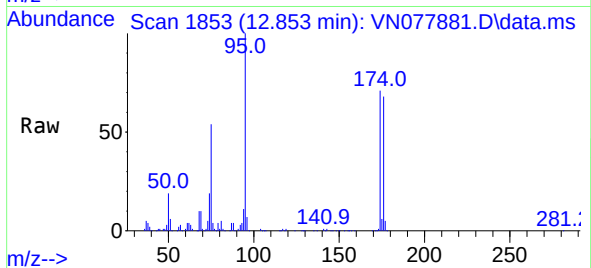




#76
1,2,3-Trichloropropane
Concen: 26.941 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN077881.D
Acq: 25 May 2023 04:59

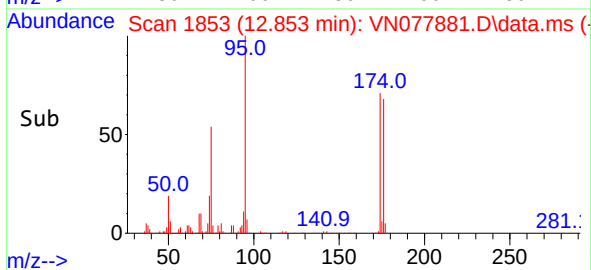
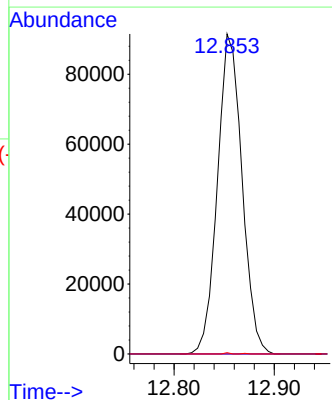
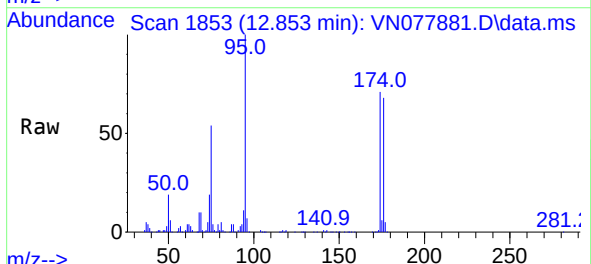
Instrument : MSVOA_N
ClientSampleId : CB-32-G3-SO-50.5-051823

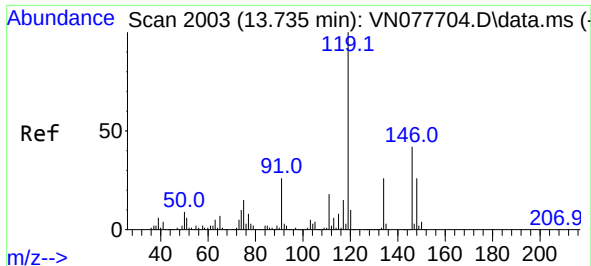
Tgt Ion: 75 Resp: 155575
Ion Ratio Lower Upper
75 100
77 1.3 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.116 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN077881.D
Acq: 25 May 2023 04:59

Tgt Ion: 75 Resp: 155575
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.1 38.8 58.2#

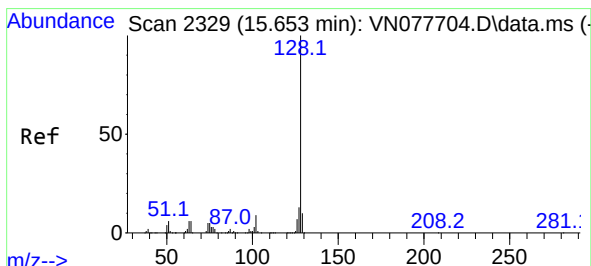
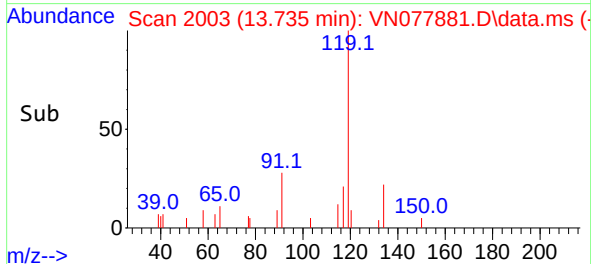
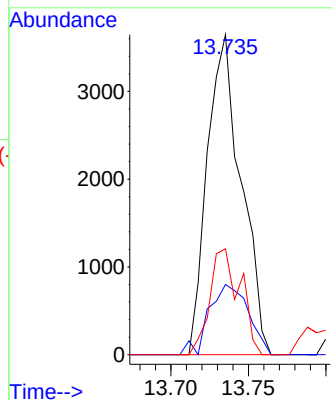
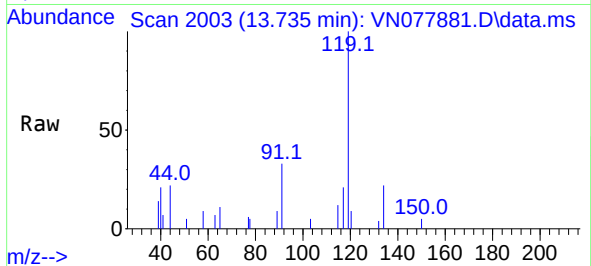




#86
p-Isopropyltoluene
Concen: 0.335 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN077881.D
Acq: 25 May 2023 04:59

Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-50.5-051823

Tgt Ion:	119	Resp:	5543
Ion	Ratio	Lower	Upper
119	100		
134	25.5	12.6	37.8
91	29.8	12.4	37.2



#95
Naphthalene
Concen: 0.203 ug/l
RT: 15.653 min Scan# 2329
Delta R.T. 0.006 min
Lab File: VN077881.D
Acq: 25 May 2023 04:59

Tgt Ion:	128	Resp:	3201
Ion	Ratio	Lower	Upper
128	100		
127	10.5	10.0	15.0
129	6.4	8.7	13.1

