

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077885.D
 Acq On : 25 May 2023 06:35
 Operator : JC\MD
 Sample : 02852-13 10X
 Misc : 6.01g/5.0mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CB-32-G3-SO-62.5-051823

Quant Time: May 25 08:34:11 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)

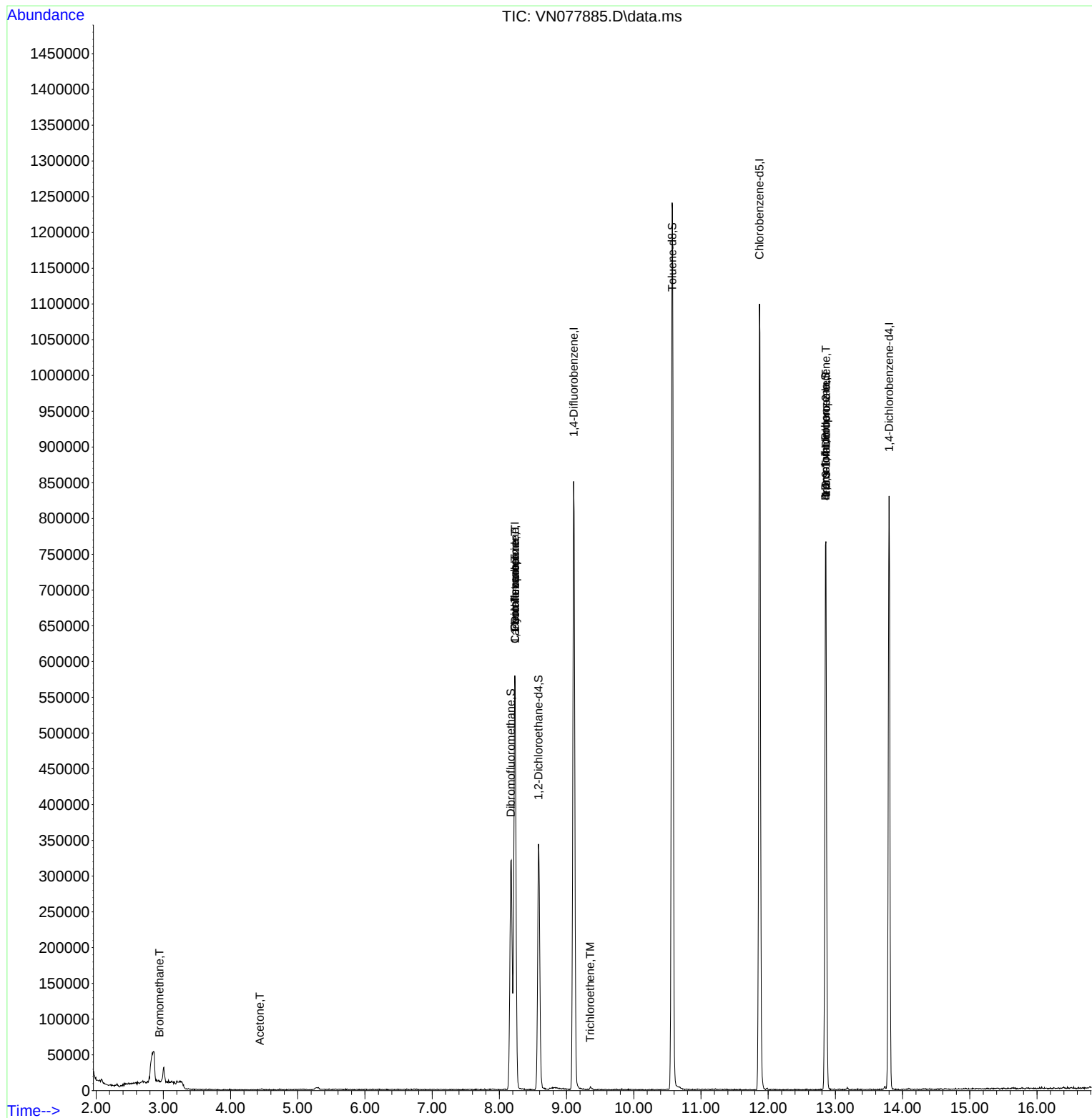
Internal Standards						
1) Pentafluorobenzene	8.229	168	409205	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	753173	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	652635	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	222882	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	278058	45.414	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.820%		
35) Dibromofluoromethane	8.171	113	232299	47.298	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.600%		
50) Toluene-d8	10.570	98	923986	48.877	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.760%		
62) 4-Bromofluorobenzene	12.853	95	282065	42.247	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	84.500%		
Target Compounds						
3) Chloromethane	2.371	50	928	Below Cal	Qvalue 91	
5) Bromomethane	2.942	94	1225	0.282 ug/l #	58	
13) Acrolein	3.936	56	55	Below Cal #	16	
16) Acetone	4.436	43	495	0.257 ug/l #	40	
20) Methylene Chloride	5.283	84	1703	Below Cal #	57	
31) Cyclohexane	8.229	56	8964	1.077 ug/l #	1	
36) 1,1-Dichloropropene	8.235	75	35607	4.957 ug/l #	49	
38) Carbon Tetrachloride	8.235	117	46795	6.451 ug/l #	14	
44) Trichloroethene	9.353	130	1414	0.263 ug/l	64	
71) Bromoform	12.853	173	1759	0.540 ug/l #	28	
76) 1,2,3-Trichloropropane	12.859	75	150041	26.881 ug/l #	1	
81) trans-1,4-Dichloro-2-b...	12.859	75	150041	85.924 ug/l #	15	

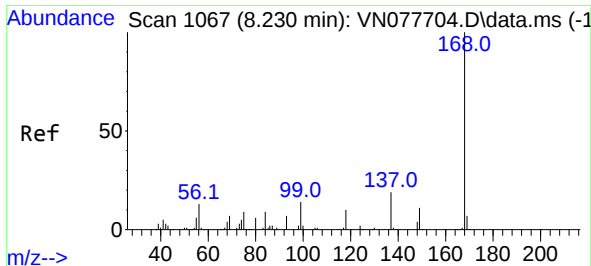
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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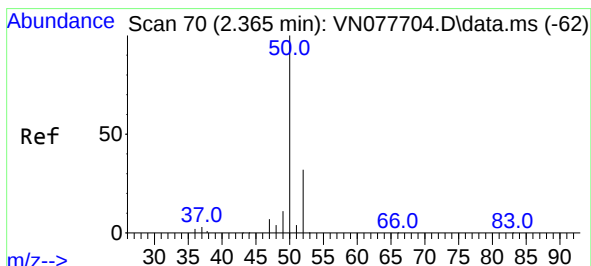
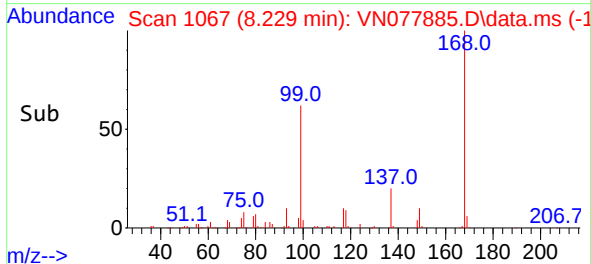
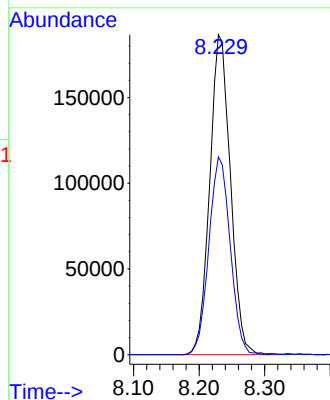
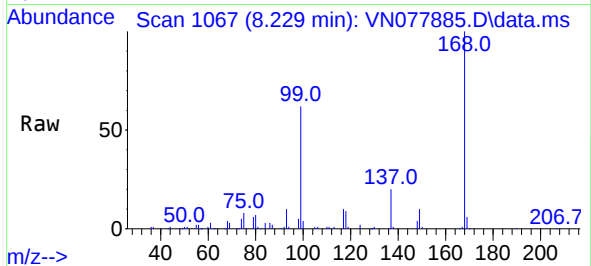




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN077885.D
Acq: 25 May 2023 06:35

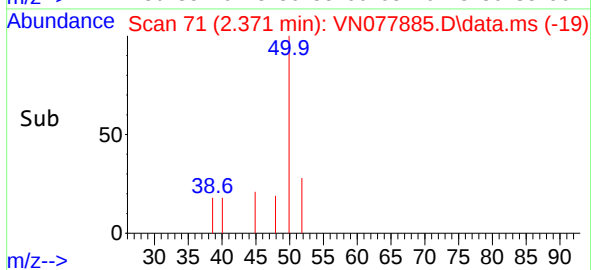
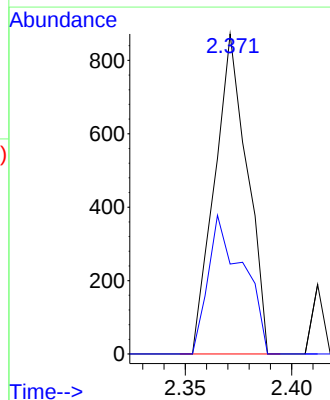
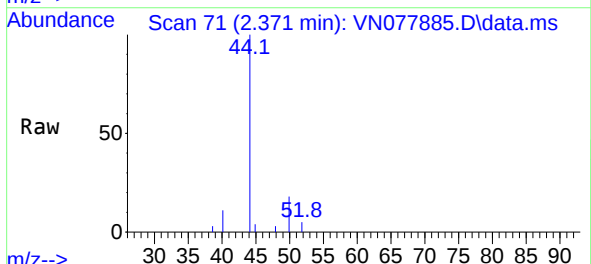
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-62.5-051823

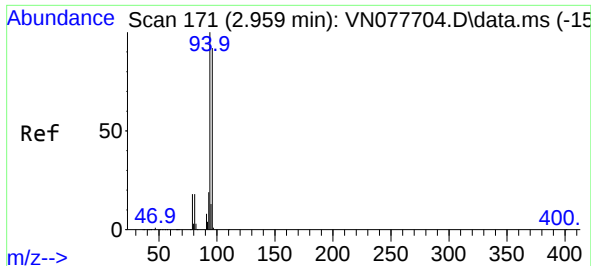
Tgt Ion:168 Resp: 409205
Ion Ratio Lower Upper
168 100
99 61.8 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077885.D
Acq: 25 May 2023 06:35

Tgt Ion: 50 Resp: 928
Ion Ratio Lower Upper
50 100
52 28.1 26.5 39.7

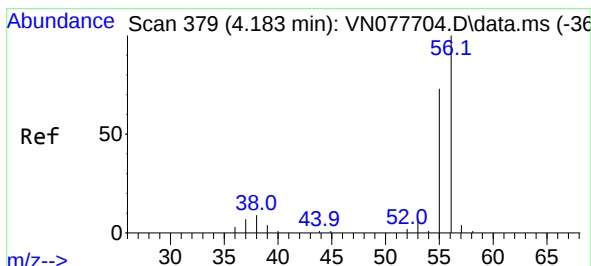
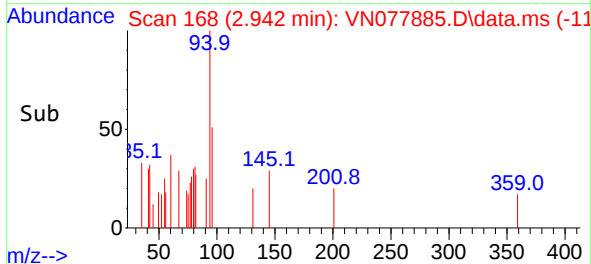
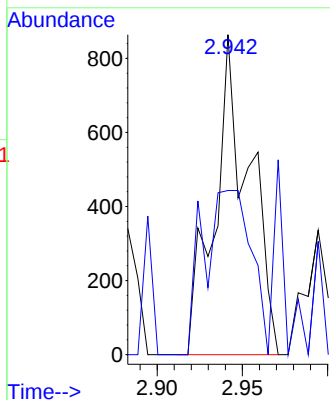
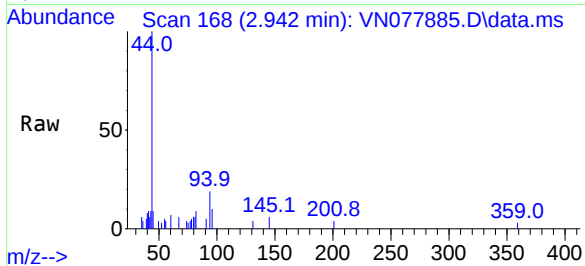




#5
Bromomethane
Concen: 0.282 ug/l
RT: 2.942 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN077885.D
Acq: 25 May 2023 06:35

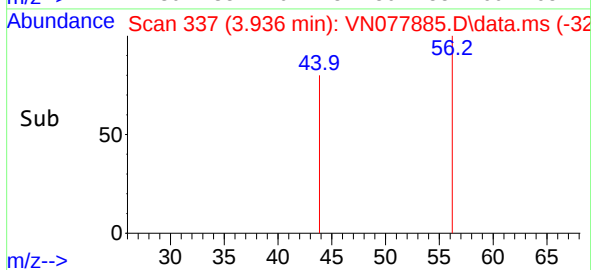
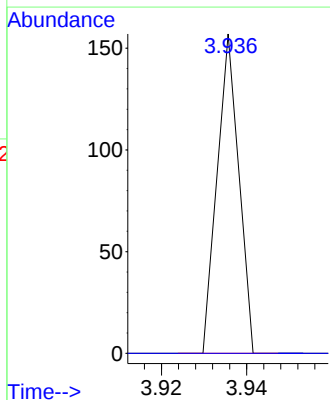
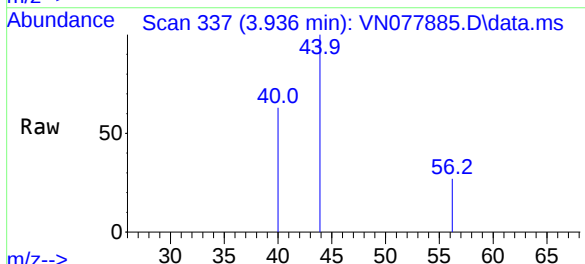
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-62.5-051823

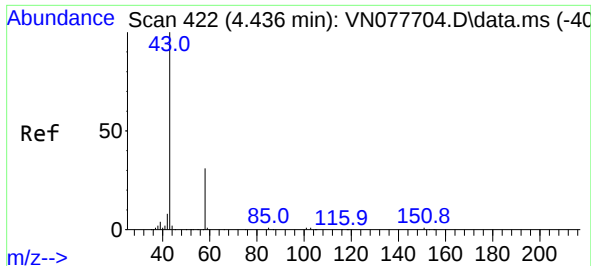
Tgt Ion: 94 Resp: 1225
Ion Ratio Lower Upper
94 100
96 51.3 73.1 109.7#



#13
Acrolein
Concen: Below Cal
RT: 3.936 min Scan# 337
Delta R.T. -0.253 min
Lab File: VN077885.D
Acq: 25 May 2023 06:35

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

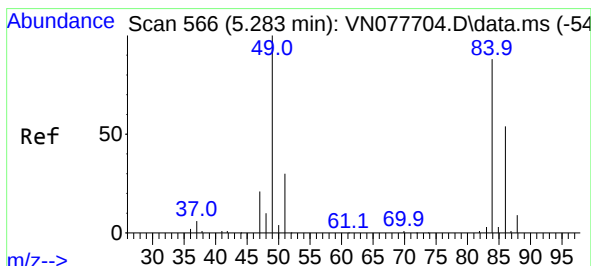
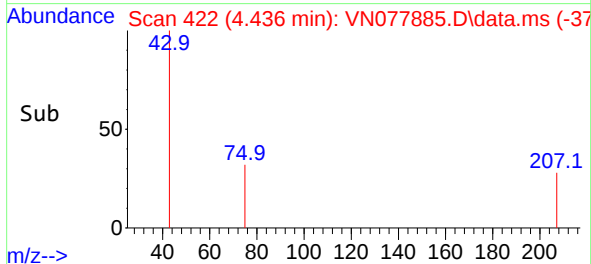
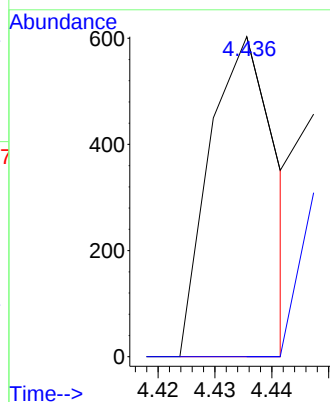
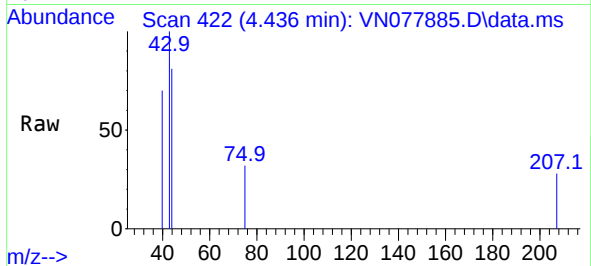




#16
Acetone
Concen: 0.257 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077885.D
Acq: 25 May 2023 06:35

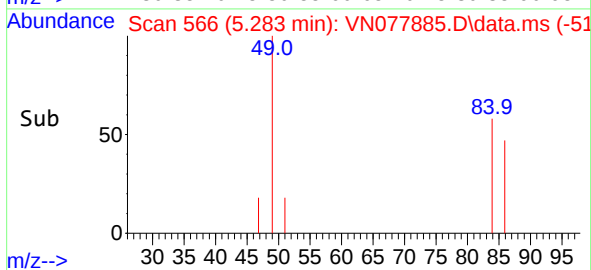
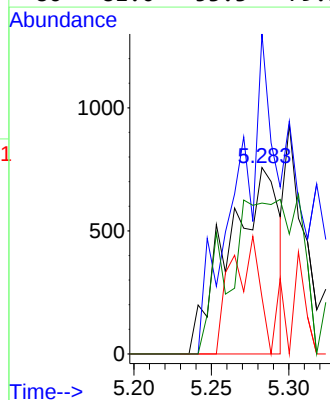
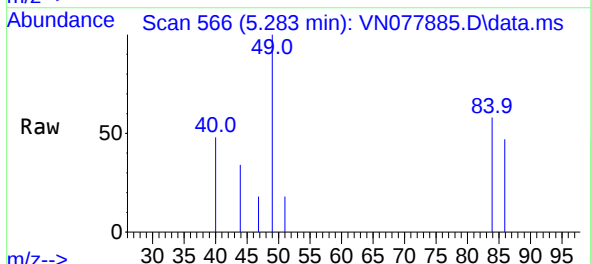
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-62.5-051823

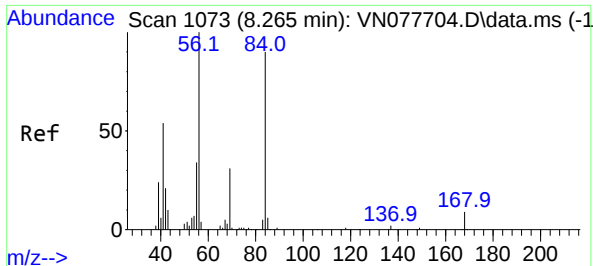
Tgt Ion: 43 Resp: 495
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN077885.D
Acq: 25 May 2023 06:35

Tgt Ion: 84 Resp: 1703
Ion Ratio Lower Upper
84 100
49 171.7 79.7 119.5#
51 30.4 25.2 37.8
86 81.0 53.3 79.9#

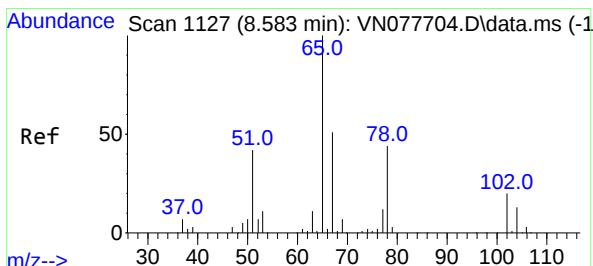
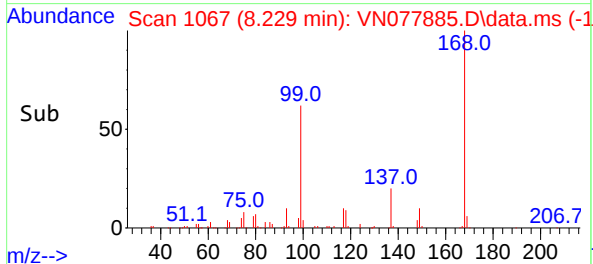
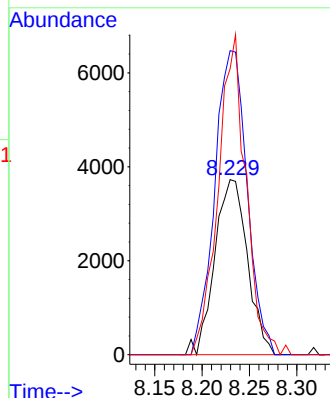
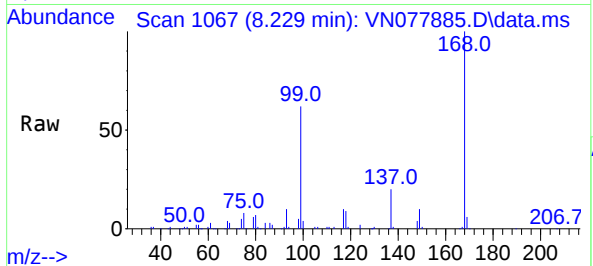




#31
Cyclohexane
Concen: 1.077 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.036 min
Lab File: VN077885.D
Acq: 25 May 2023 06:35

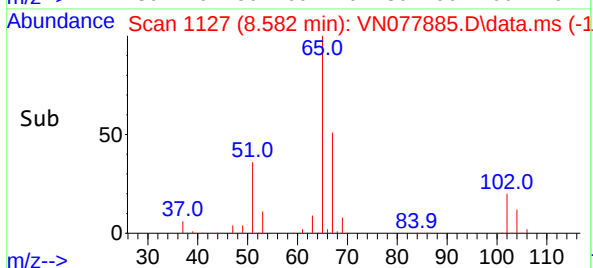
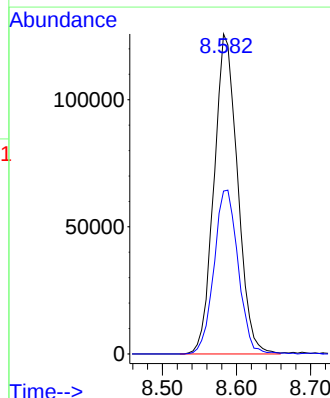
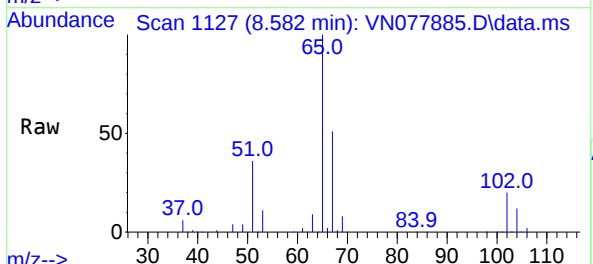
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-62.5-051823

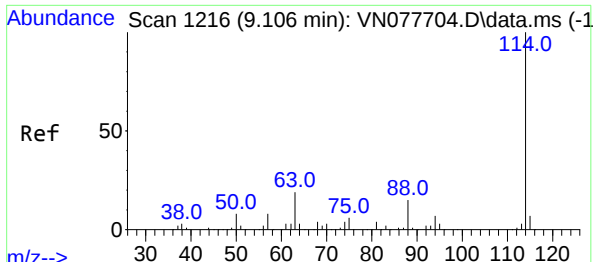
Tgt Ion: 56 Resp: 8964
Ion Ratio Lower Upper
56 100
69 173.7 26.8 40.2#
84 163.4 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 45.414 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN077885.D
Acq: 25 May 2023 06:35

Tgt Ion: 65 Resp: 278058
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.6



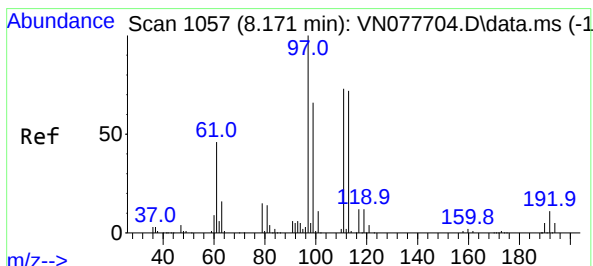
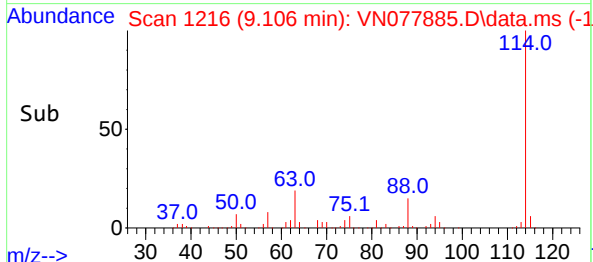
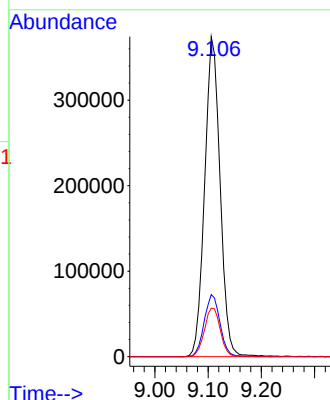
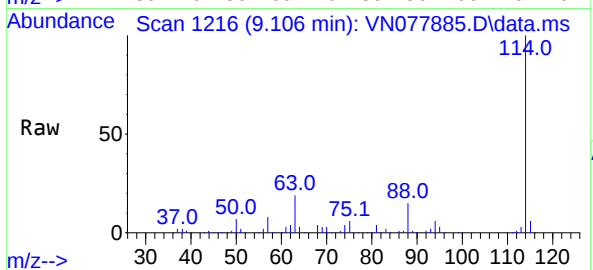


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077885.D
Acq: 25 May 2023 06:35

Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-62.5-051823

Tgt Ion:114 Resp: 753173

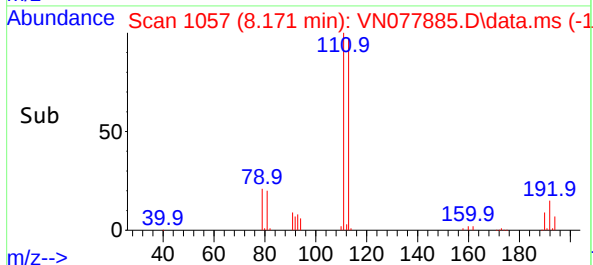
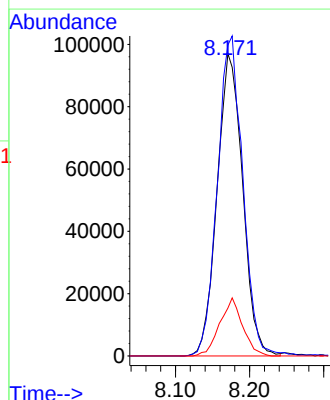
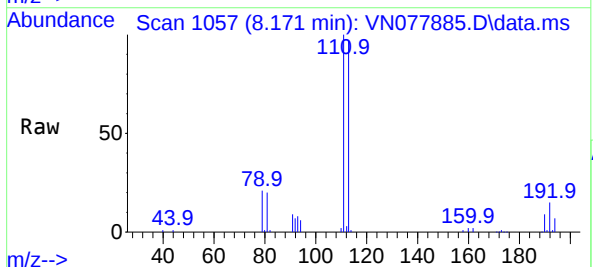
Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	36.4
88	15.2	0.0	30.6

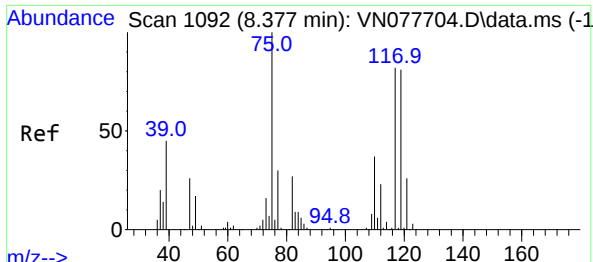


#35
Dibromofluoromethane
Concen: 47.298 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077885.D
Acq: 25 May 2023 06:35

Tgt Ion:113 Resp: 232299

Ion	Ratio	Lower	Upper
113	100		
111	105.5	82.6	123.8
192	17.2	12.7	19.1

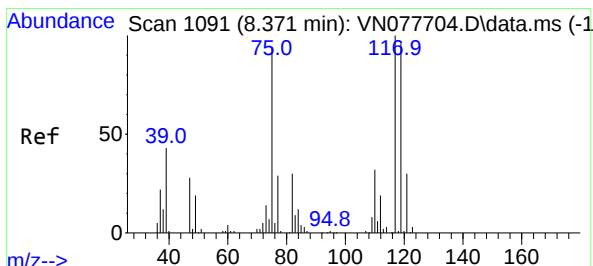
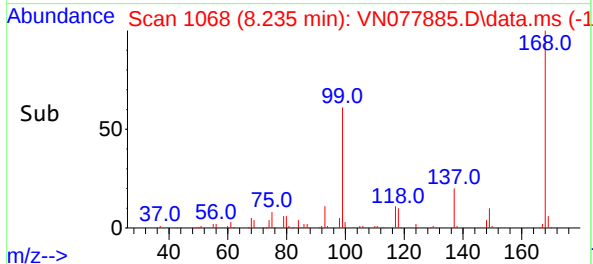
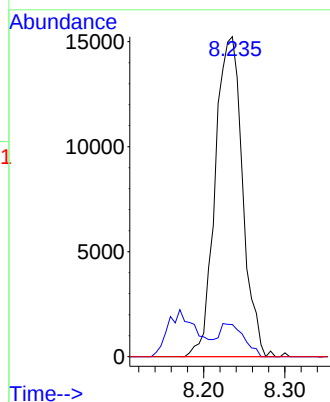
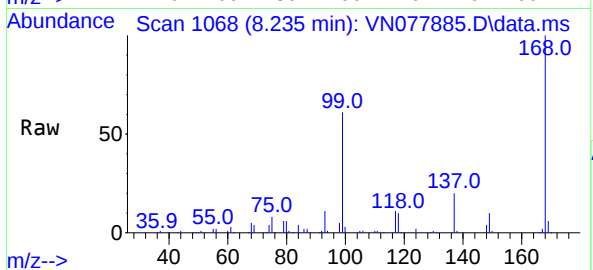




#36
1,1-Dichloropropene
Concen: 4.957 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.142 min
Lab File: VN077885.D
Acq: 25 May 2023 06:35

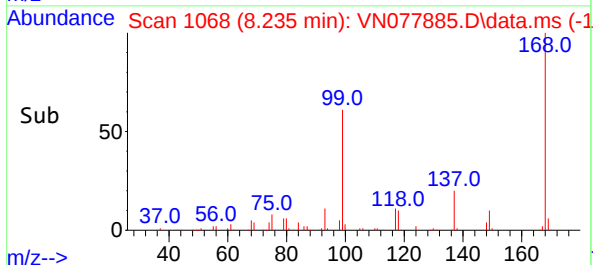
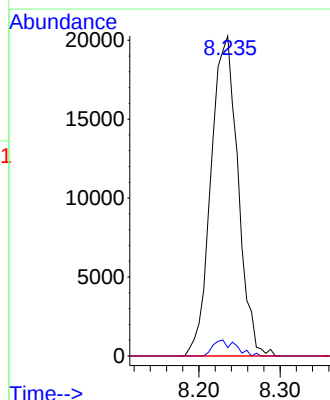
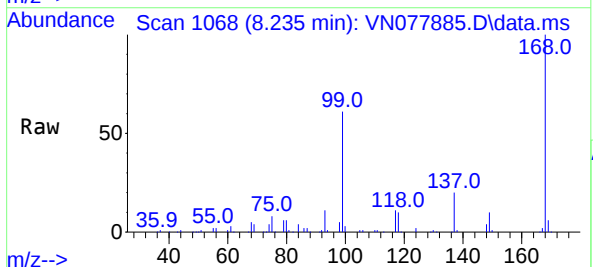
Instrument : MSVOA_N
ClientSampleId : CB-32-G3-SO-62.5-051823

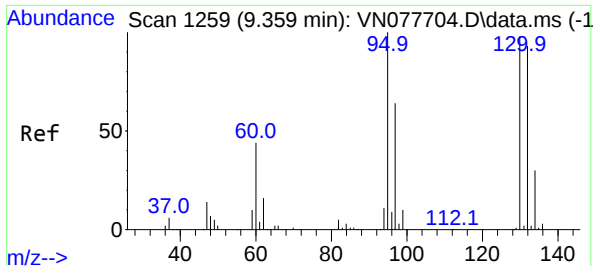
Tgt Ion: 75 Resp: 35607
Ion Ratio Lower Upper
75 100
110 10.2 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.451 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.136 min
Lab File: VN077885.D
Acq: 25 May 2023 06:35

Tgt Ion: 117 Resp: 46795
Ion Ratio Lower Upper
117 100
119 2.6 77.3 115.9#
121 0.0 23.3 34.9#





#44

Trichloroethene

Concen: 0.263 ug/l

RT: 9.353 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN077885.D

Acq: 25 May 2023 06:35

Instrument :

MSVOA_N

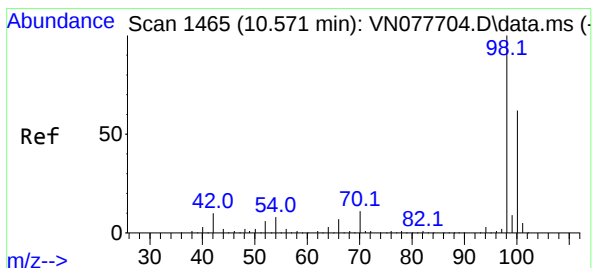
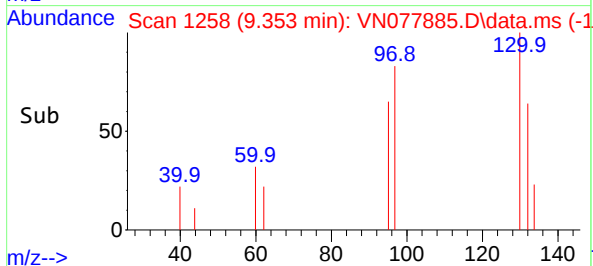
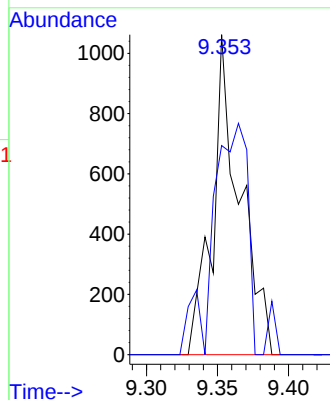
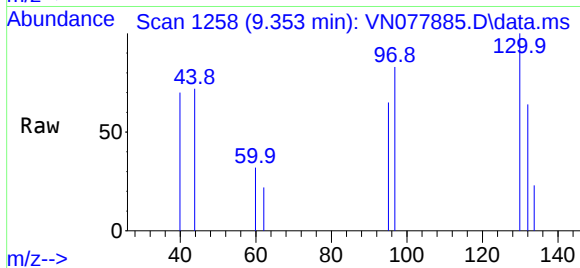
ClientSampleId :

CB-32-G3-SO-62.5-051823

Tgt Ion:130 Resp: 1414

Ion Ratio Lower Upper

130	100		
95	65.3	0.0	204.6



#50

Toluene-d8

Concen: 48.877 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.001 min

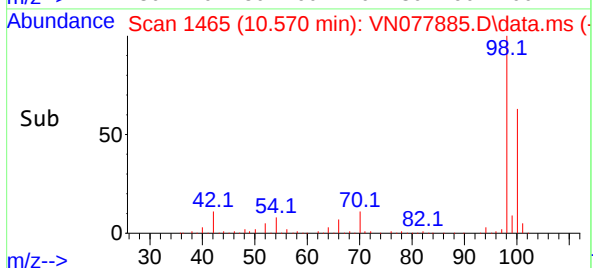
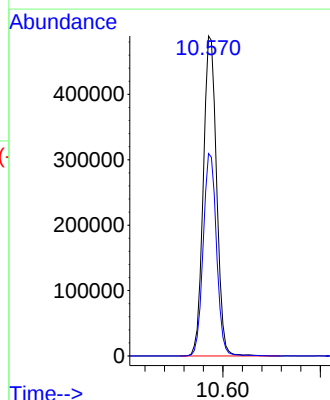
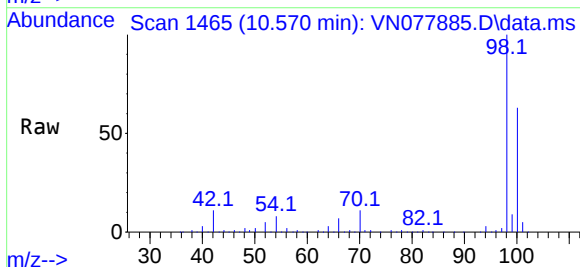
Lab File: VN077885.D

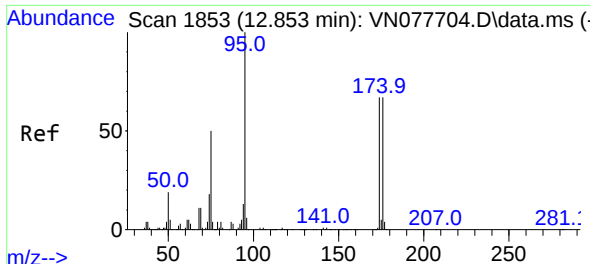
Acq: 25 May 2023 06:35

Tgt Ion: 98 Resp: 923986

Ion Ratio Lower Upper

98	100		
100	63.4	52.0	78.0

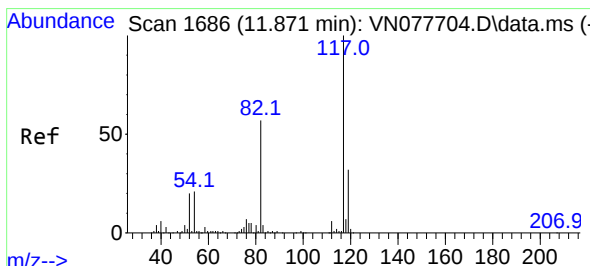
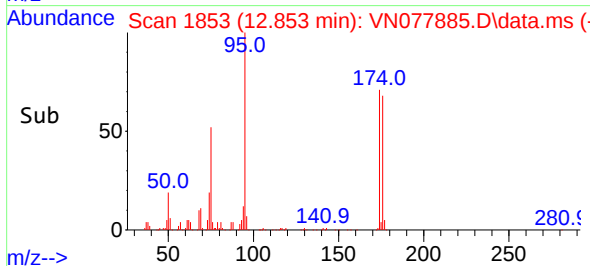
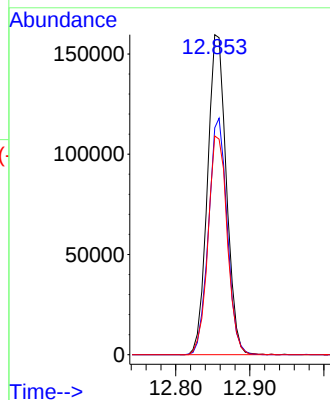
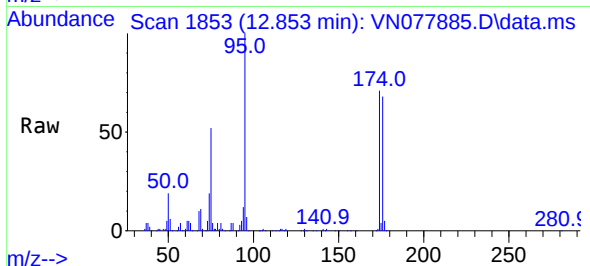




#62
4-Bromofluorobenzene
Concen: 42.247 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077885.D
Acq: 25 May 2023 06:35

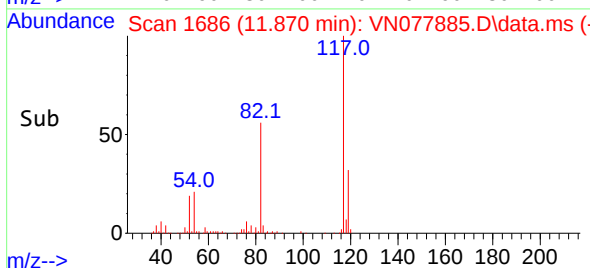
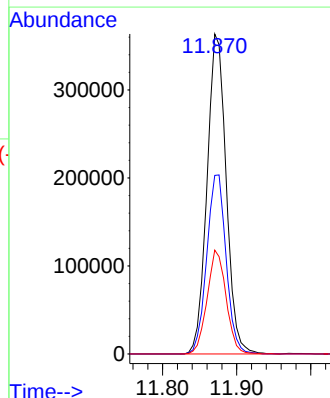
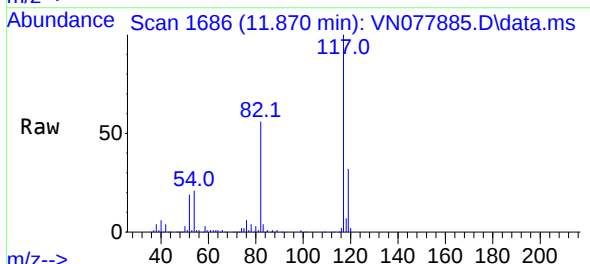
Instrument : MSVOA_N
ClientSampleId : CB-32-G3-SO-62.5-051823

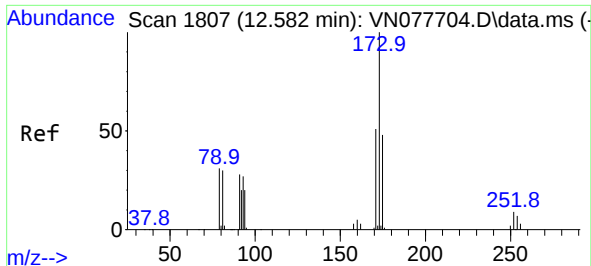
Tgt Ion:	95	Resp:	282065
Ion	Ratio	Lower	Upper
95	100		
174	72.9	0.0	143.8
176	69.5	0.0	135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN077885.D
Acq: 25 May 2023 06:35

Tgt Ion:	117	Resp:	652635
Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.0	66.0
119	32.4	25.6	38.4

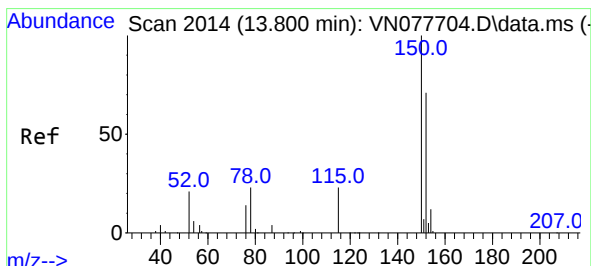
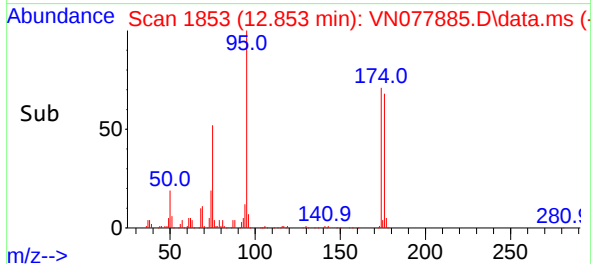
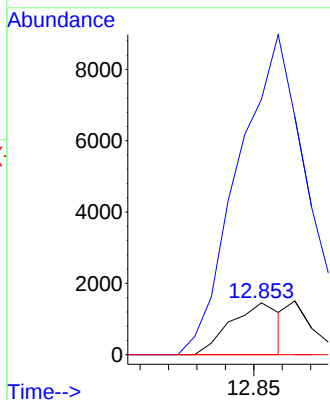
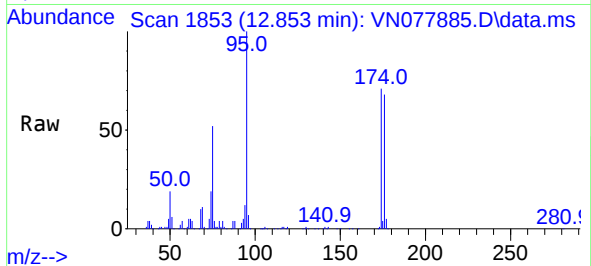




#71
Bromoform
Concen: 0.540 ug/l
RT: 12.853 min Scan# 1807
Delta R.T. 0.271 min
Lab File: VN077885.D
Acq: 25 May 2023 06:35

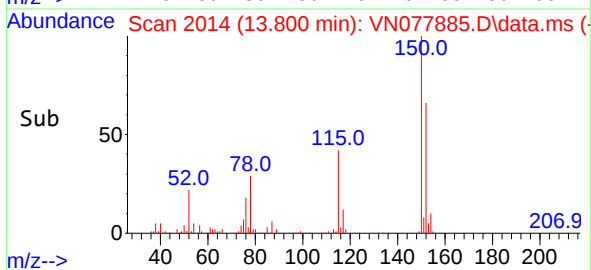
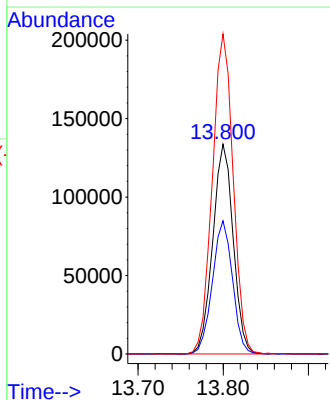
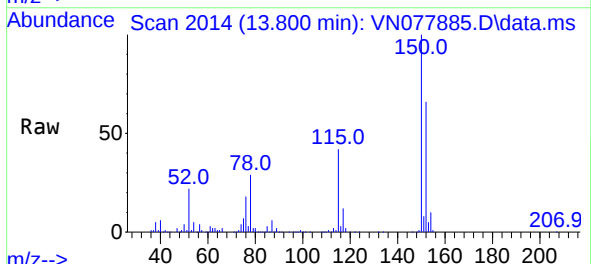
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-62.5-051823

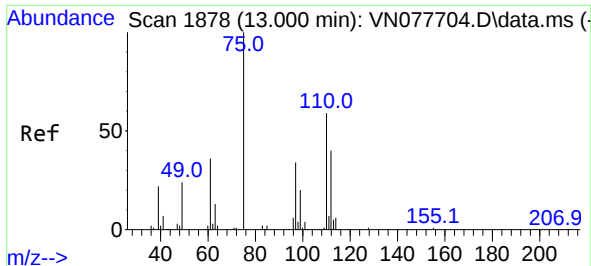
Tgt Ion:173 Resp: 1759
Ion Ratio Lower Upper
173 100
175 0.0 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077885.D
Acq: 25 May 2023 06:35

Tgt Ion:152 Resp: 222882
Ion Ratio Lower Upper
152 100
115 62.4 32.3 96.8
150 155.5 0.0 355.8

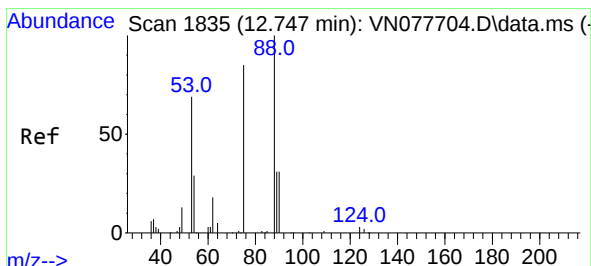
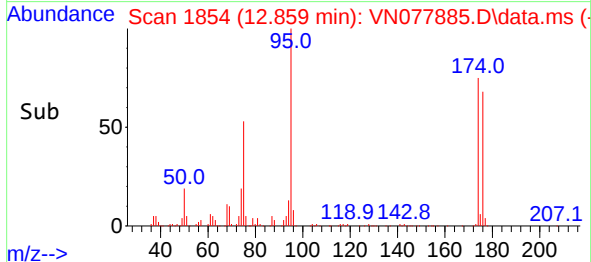
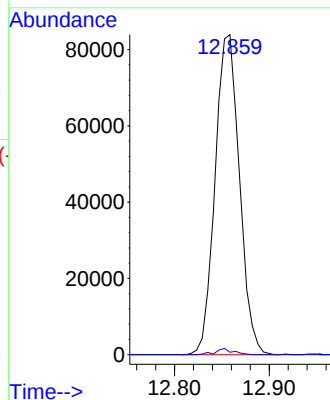
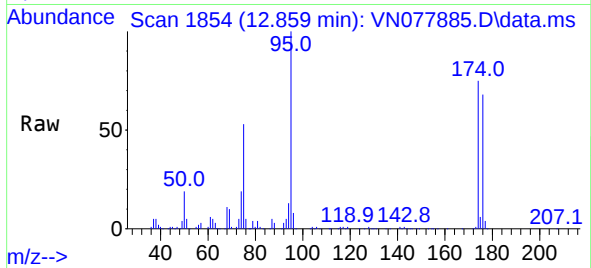




#76
1,2,3-Trichloropropane
Concen: 26.881 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. -0.141 min
Lab File: VN077885.D
Acq: 25 May 2023 06:35

Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-62.5-051823

Tgt Ion: 75 Resp: 150041
Ion Ratio Lower Upper
75 100
77 1.4 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.924 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.118 min
Lab File: VN077885.D
Acq: 25 May 2023 06:35

Tgt Ion: 75 Resp: 150041
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

