

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077876.D
 Acq On : 25 May 2023 02:59
 Operator : JC\MD
 Sample : 02852-04
 Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CB-32-G3-SO-23-051823ME

Quant Time: May 25 05:01:59 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)

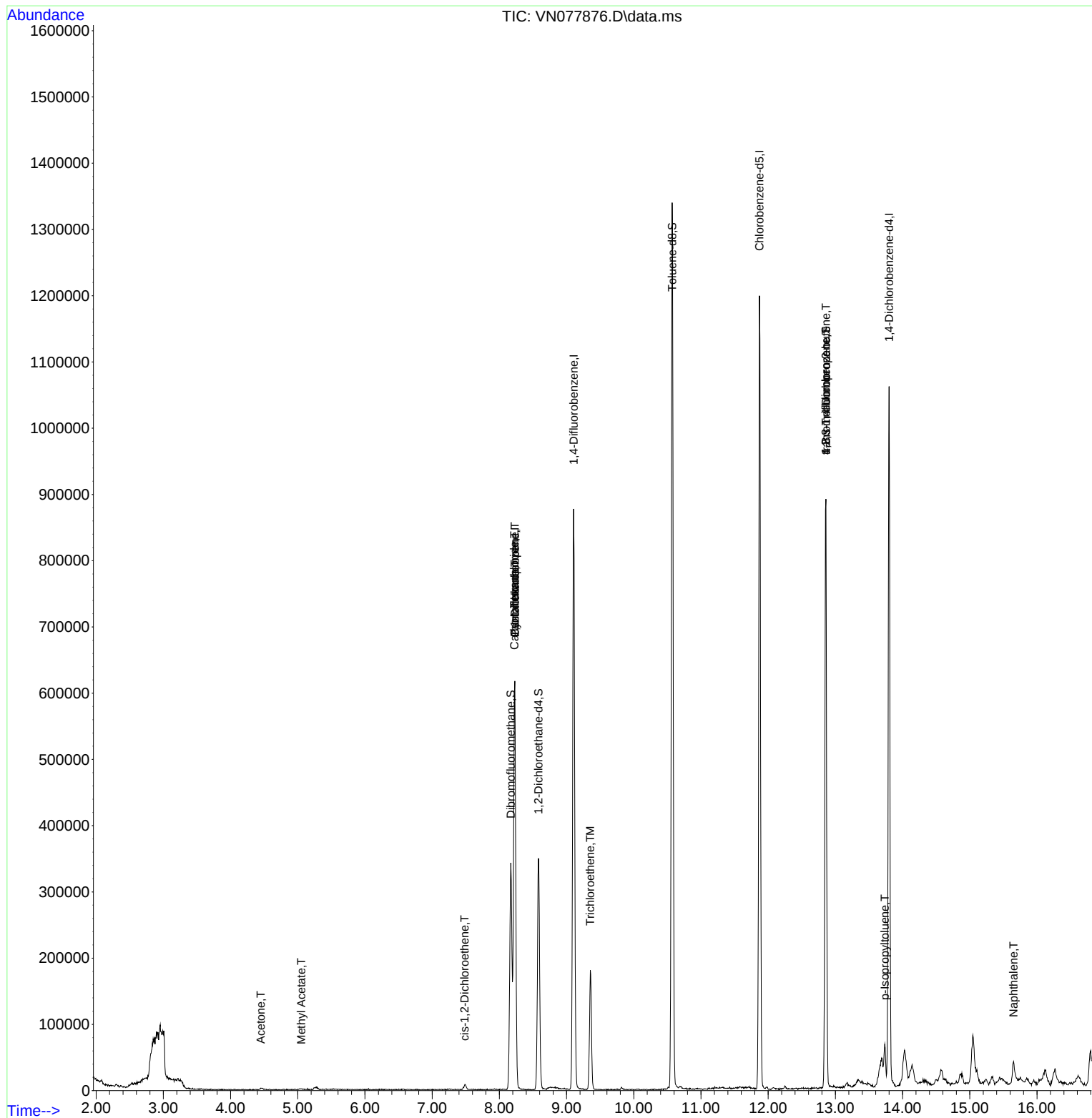
Internal Standards						
1) Pentafluorobenzene	8.230	168	450189	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	801494	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	718217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	284725	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	286392	42.517	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.040%		
35) Dibromofluoromethane	8.171	113	247150	47.288	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.580%		
50) Toluene-d8	10.571	98	983685	48.898	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.800%		
62) 4-Bromofluorobenzene	12.859	95	326262	45.921	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.840%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	1078	Below Cal	#	79
13) Acrolein	4.195	56	211	Below Cal	#	78
16) Acetone	4.447	43	4095	1.932	ug/l #	40
18) Methyl Acetate	5.053	43	2824	0.318	ug/l #	55
20) Methylene Chloride	5.271	84	2293	Below Cal	#	85
27) cis-1,2-Dichloroethene	7.483	96	4897	0.768	ug/l	97
31) Cyclohexane	8.230	56	9743	1.064	ug/l #	28
36) 1,1-Dichloropropene	8.230	75	36719	4.803	ug/l #	47
38) Carbon Tetrachloride	8.224	117	50845	6.587	ug/l #	15
44) Trichloroethene	9.353	130	64620	11.313	ug/l	97
76) 1,2,3-Trichloropropane	12.859	75	167113	23.436	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.859	75	167113	74.914	ug/l #	15
86) p-Isopropyltoluene	13.735	119	29203	1.431	ug/l	95
95) Naphthalene	15.653	128	21563	1.108	ug/l #	90

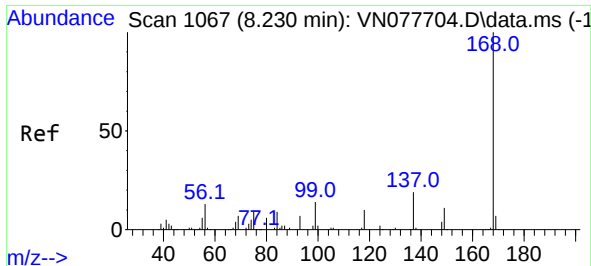
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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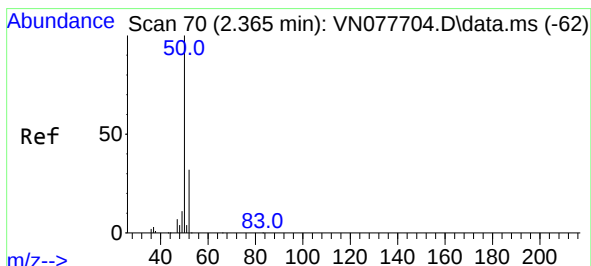
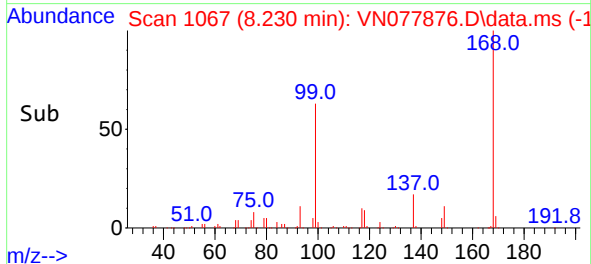
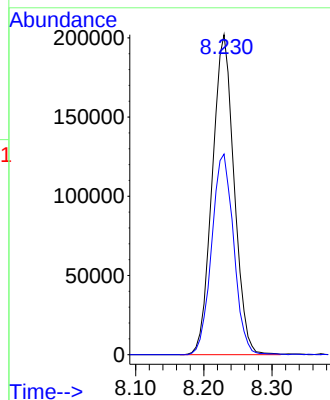
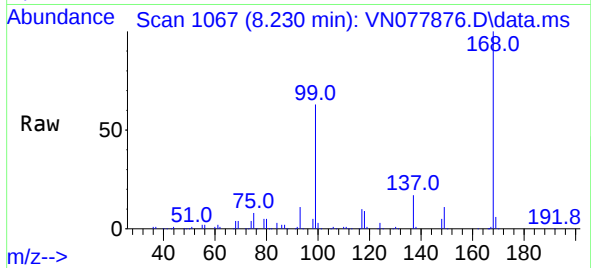




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077876.D
Acq: 25 May 2023 02:59

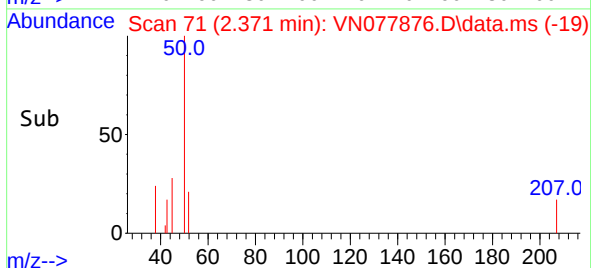
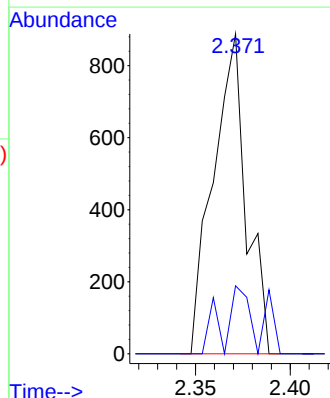
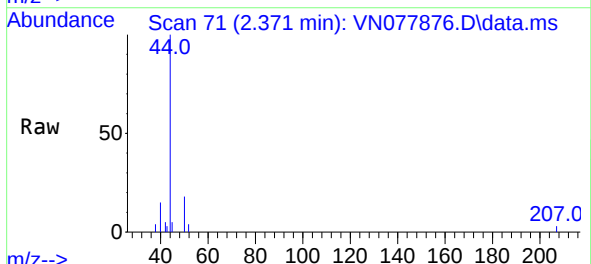
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-23-051823ME

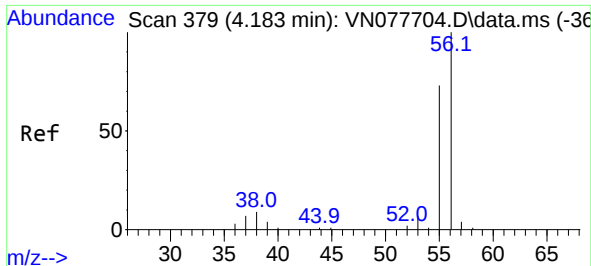
Tgt Ion:168 Resp: 450189
Ion Ratio Lower Upper
168 100
99 62.7 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077876.D
Acq: 25 May 2023 02:59

Tgt Ion: 50 Resp: 1078
Ion Ratio Lower Upper
50 100
52 21.3 26.5 39.7#

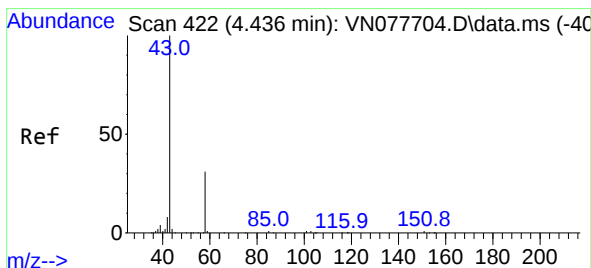
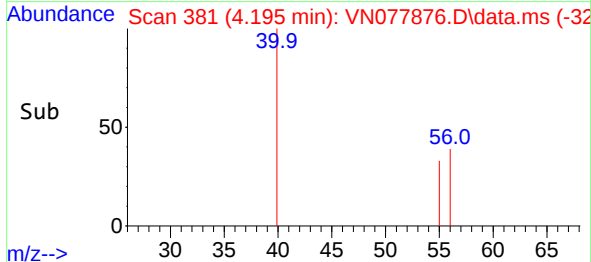
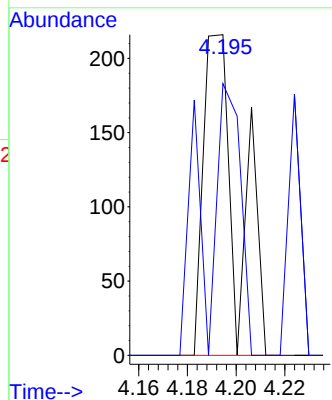
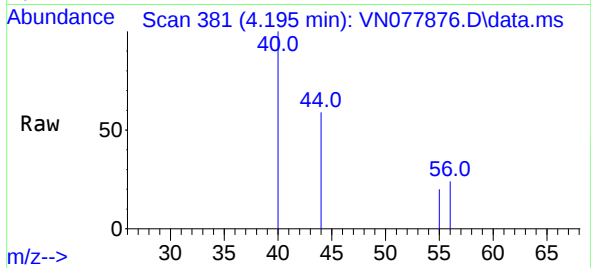




#13
Acrolein
Concen: Below Cal
RT: 4.195 min Scan# 381
Delta R.T. 0.006 min
Lab File: VN077876.D
Acq: 25 May 2023 02:59

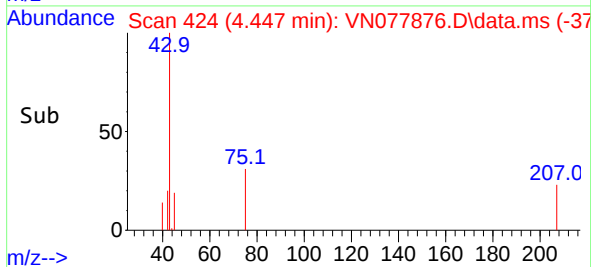
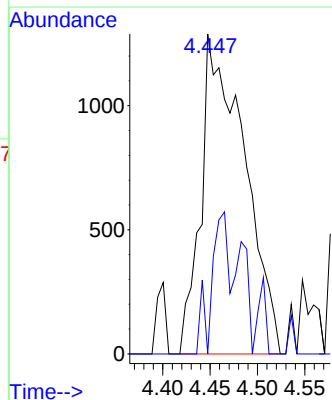
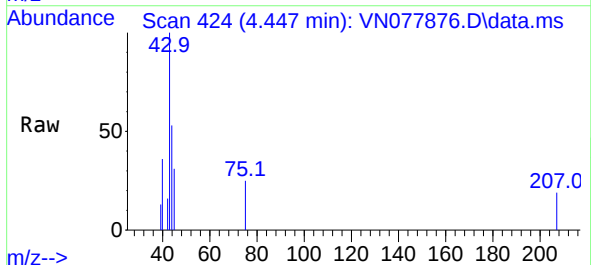
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-23-051823ME

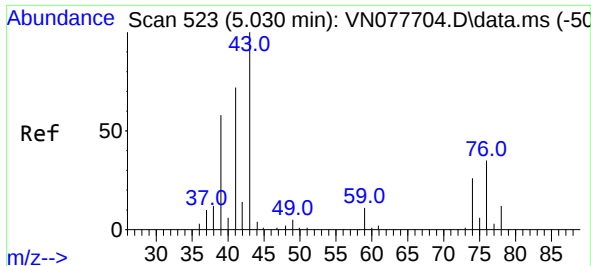
Tgt Ion: 56 Resp: 211
Ion Ratio Lower Upper
56 100
55 86.3 54.5 81.7#



#16
Acetone
Concen: 1.932 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.017 min
Lab File: VN077876.D
Acq: 25 May 2023 02:59

Tgt Ion: 43 Resp: 4095
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#

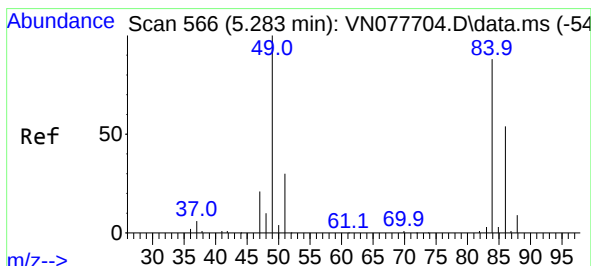
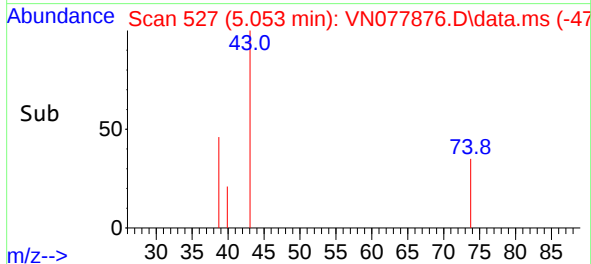
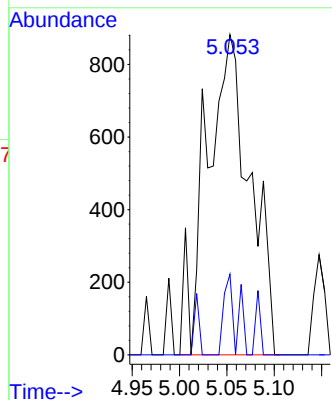
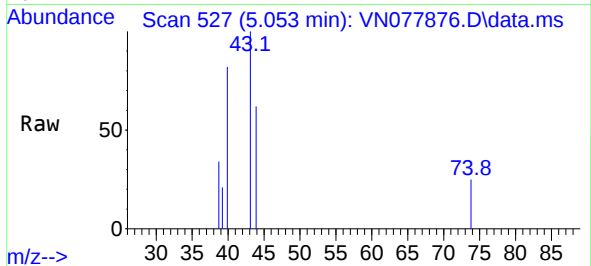




#18
Methyl Acetate
Concen: 0.318 ug/l
RT: 5.053 min Scan# 51
Delta R.T. 0.017 min
Lab File: VN077876.D
Acq: 25 May 2023 02:59

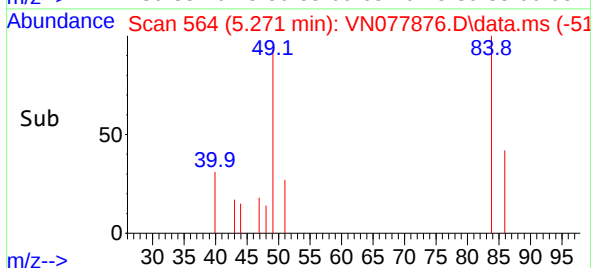
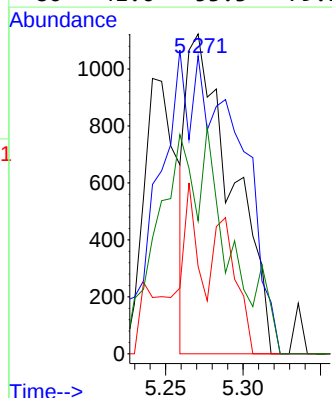
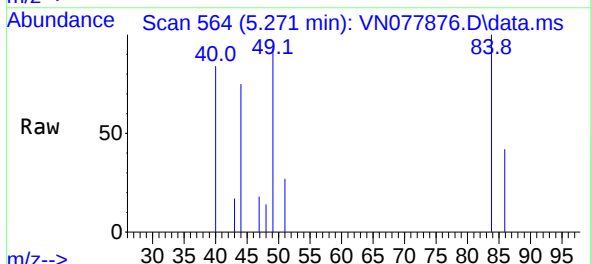
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-23-051823ME

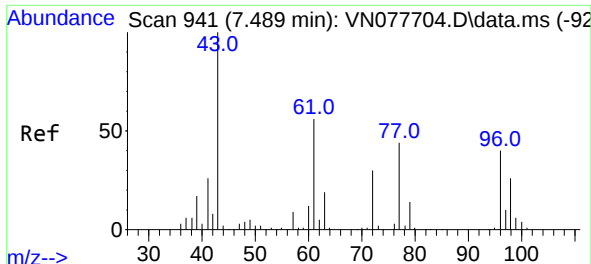
Tgt Ion: 43 Resp: 2824
Ion Ratio Lower Upper
43 100
74 7.3 26.2 39.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.271 min Scan# 564
Delta R.T. -0.012 min
Lab File: VN077876.D
Acq: 25 May 2023 02:59

Tgt Ion: 84 Resp: 2293
Ion Ratio Lower Upper
84 100
49 93.1 79.7 119.5
51 27.3 25.2 37.8
86 41.6 53.3 79.9#

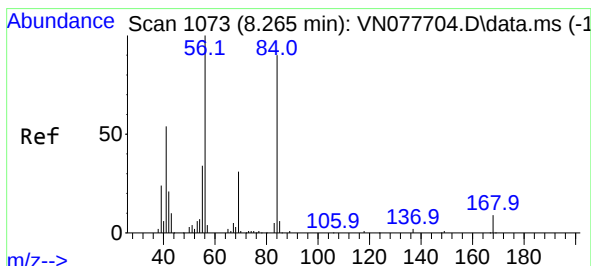
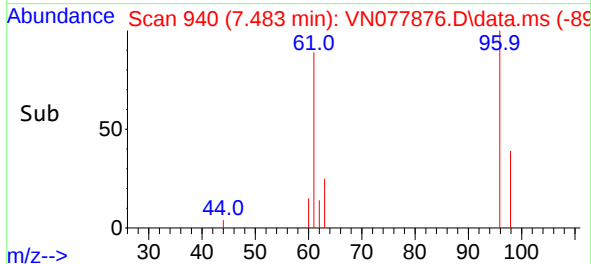
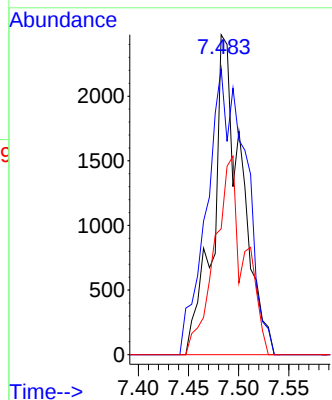
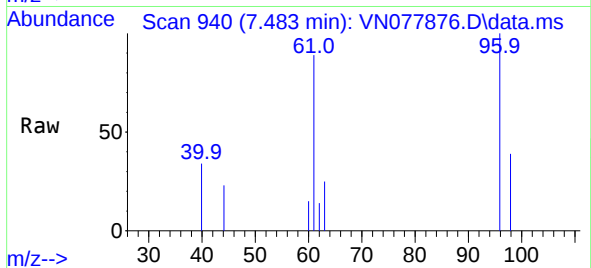




#27
cis-1,2-Dichloroethene
Concen: 0.768 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN077876.D
Acq: 25 May 2023 02:59

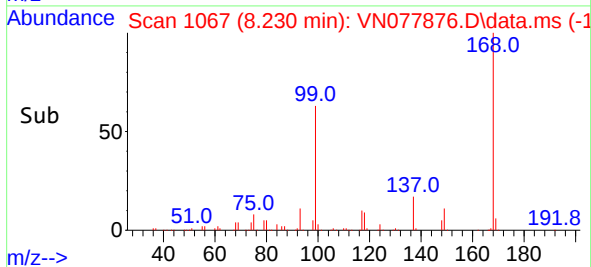
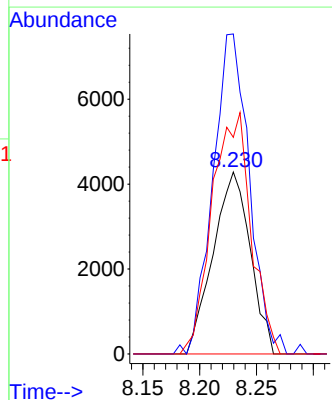
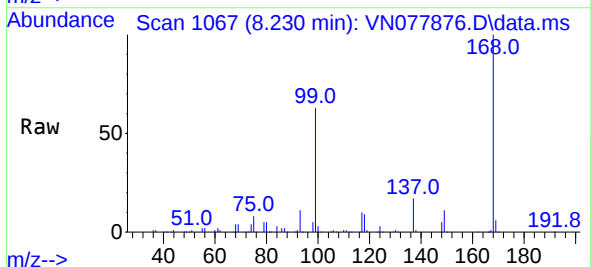
Instrument :
MSVOA_N
ClientSampleId :
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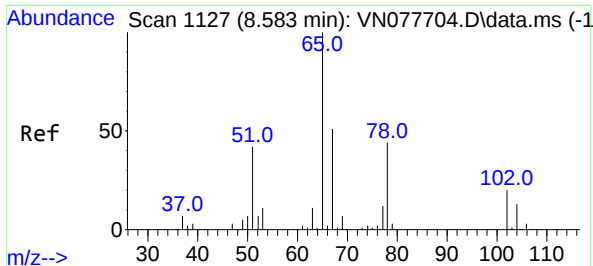
Tgt Ion: 96 Resp: 4897
Ion Ratio Lower Upper
96 100
61 122.7 0.0 255.2
98 64.9 0.0 128.8



#31
Cyclohexane
Concen: 1.064 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN077876.D
Acq: 25 May 2023 02:59

Tgt Ion: 56 Resp: 9743
Ion Ratio Lower Upper
56 100
69 170.9 26.8 40.2#
84 119.1 81.8 122.6

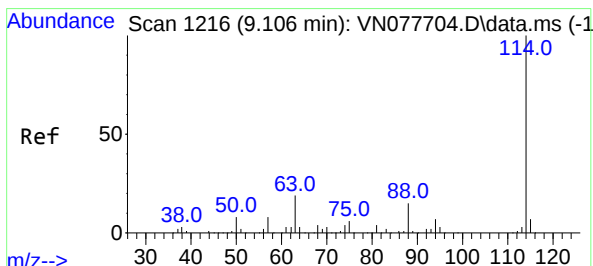
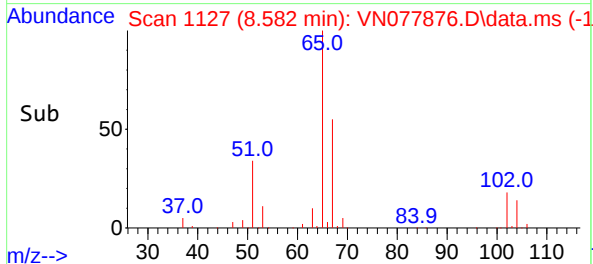
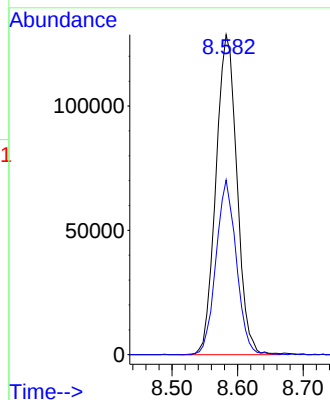
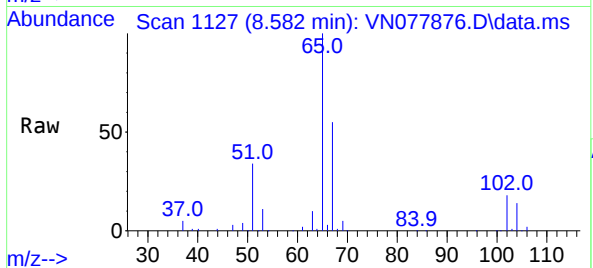




#33
1,2-Dichloroethane-d4
Concen: 42.517 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN077876.D
Acq: 25 May 2023 02:59

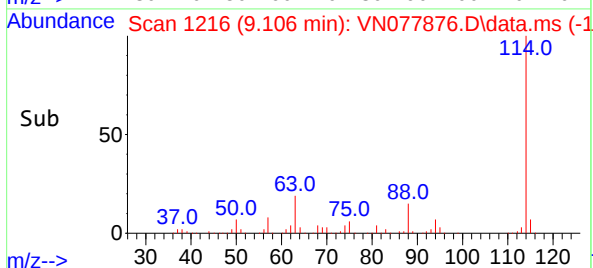
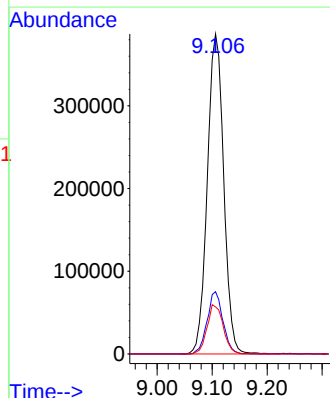
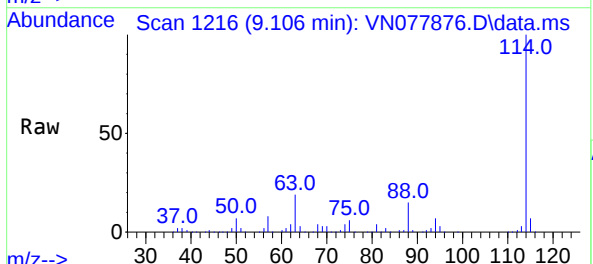
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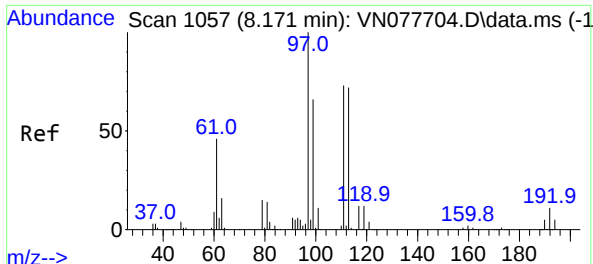
Tgt Ion: 65 Resp: 286392
Ion Ratio Lower Upper
65 100
67 52.8 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN077876.D
Acq: 25 May 2023 02:59

Tgt Ion: 114 Resp: 801494
Ion Ratio Lower Upper
114 100
63 19.5 0.0 36.4
88 14.7 0.0 30.6

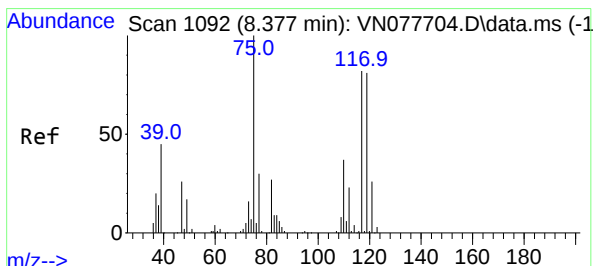
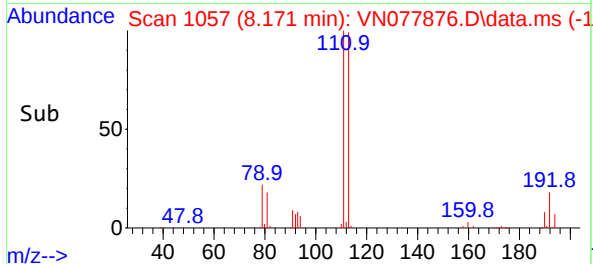
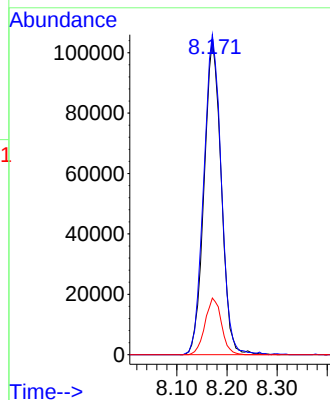
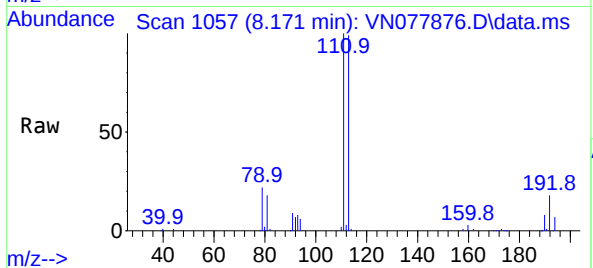




#35
Dibromofluoromethane
Concen: 47.288 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077876.D
Acq: 25 May 2023 02:59

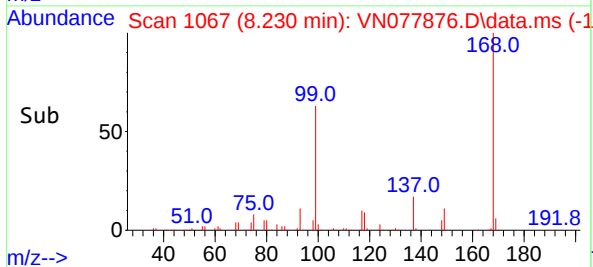
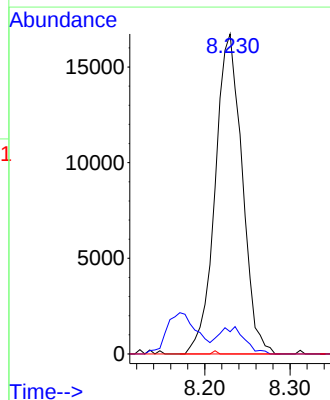
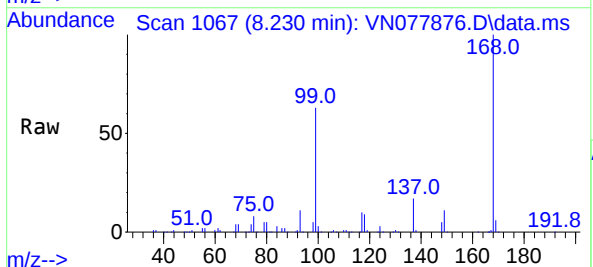
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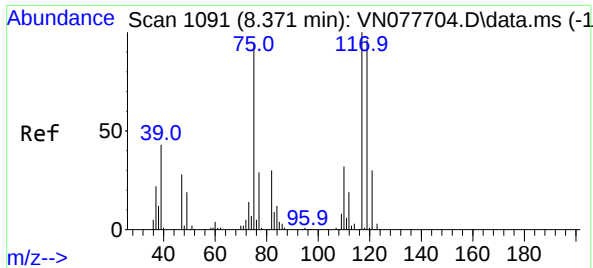
Tgt Ion:113 Resp: 247150
Ion Ratio Lower Upper
113 100
111 104.0 82.6 123.8
192 17.3 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.803 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN077876.D
Acq: 25 May 2023 02:59

Tgt Ion: 75 Resp: 36719
Ion Ratio Lower Upper
75 100
110 8.3 19.1 57.3#
77 0.0 25.0 37.4#

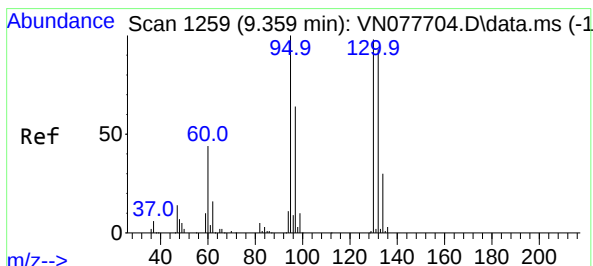
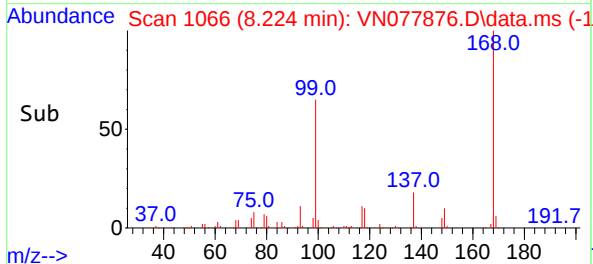
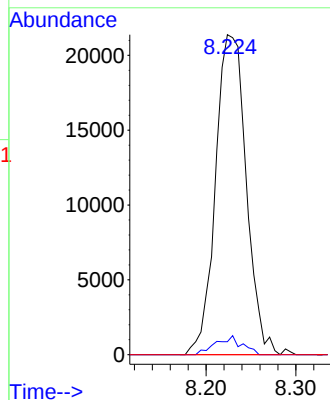
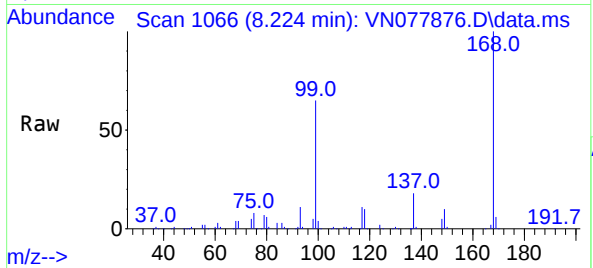




#38
Carbon Tetrachloride
Concen: 6.587 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN077876.D
Acq: 25 May 2023 02:59

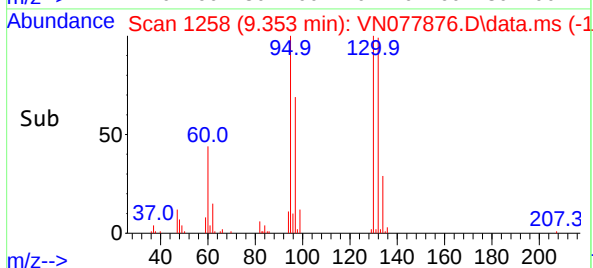
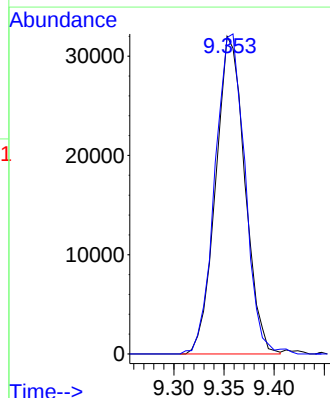
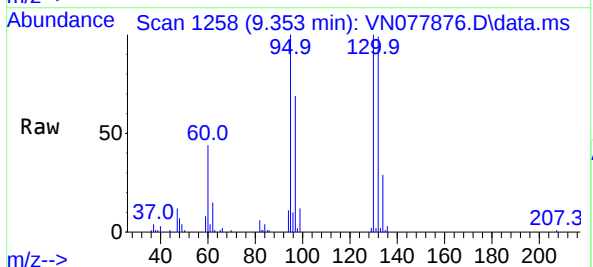
Instrument :
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ClientSampleId :
CB-32-G3-SO-23-051823ME

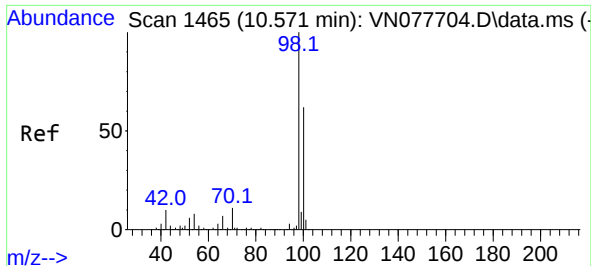
Tgt Ion:117 Resp: 50845
Ion Ratio Lower Upper
117 100
119 4.0 77.3 115.9#
121 0.0 23.3 34.9#



#44
Trichloroethene
Concen: 11.313 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN077876.D
Acq: 25 May 2023 02:59

Tgt Ion:130 Resp: 64620
Ion Ratio Lower Upper
130 100
95 99.7 0.0 204.6

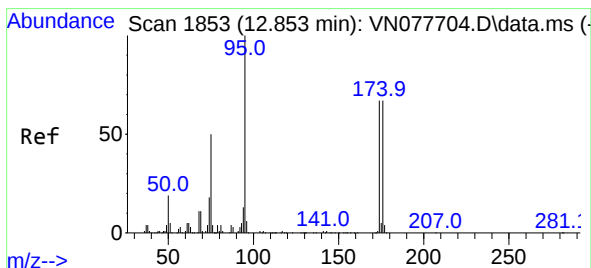
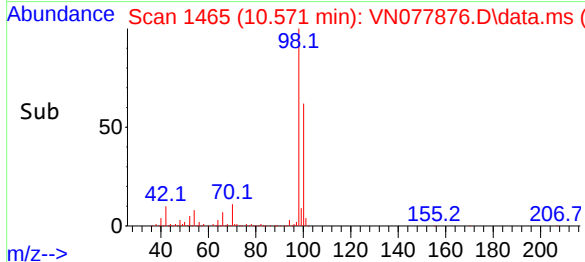
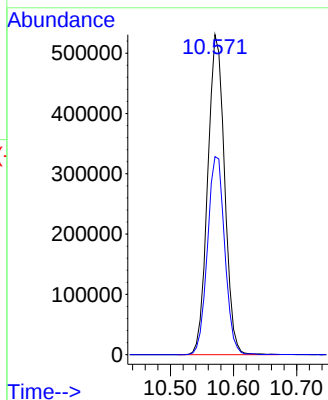
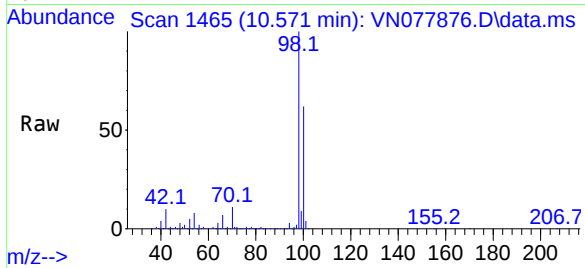




#50
Toluene-d8
Concen: 48.898 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077876.D
Acq: 25 May 2023 02:59

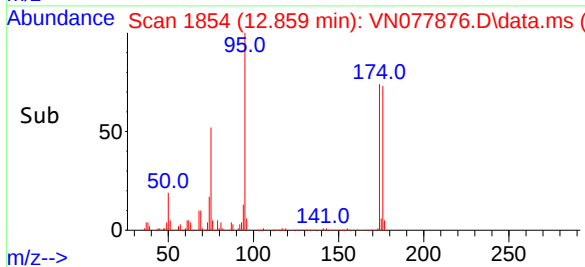
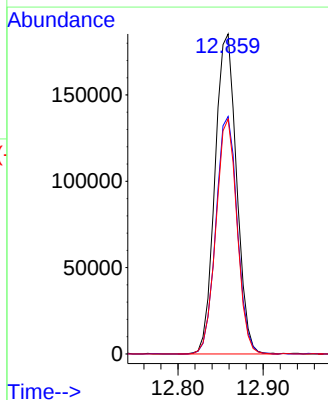
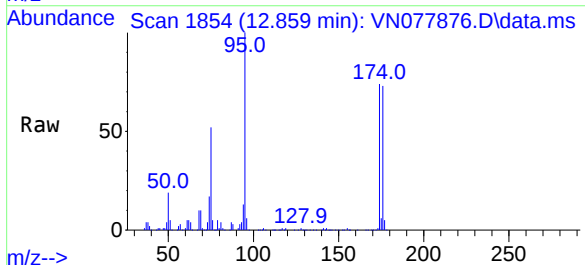
Instrument : MSVOA_N
ClientSampleId : CB-32-G3-SO-23-051823ME

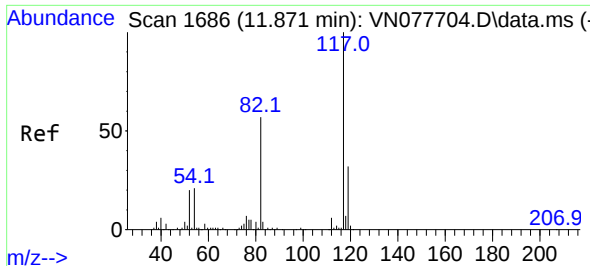
Tgt Ion: 98 Resp: 983685
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.921 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077876.D
Acq: 25 May 2023 02:59

Tgt Ion: 95 Resp: 326262
Ion Ratio Lower Upper
95 100
174 73.5 0.0 143.8
176 71.3 0.0 135.8

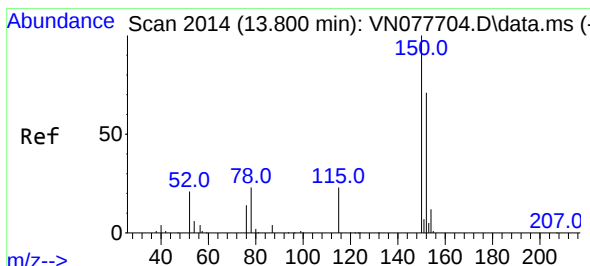
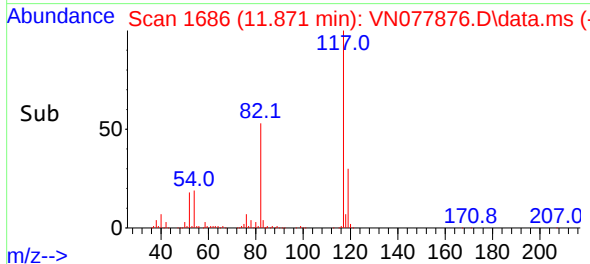
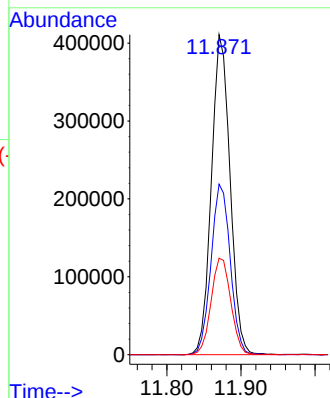
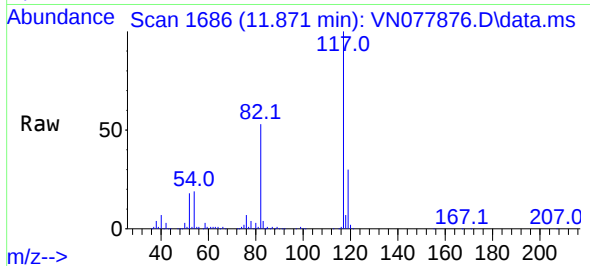




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077876.D
Acq: 25 May 2023 02:59

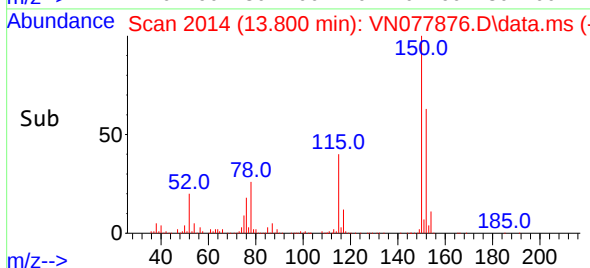
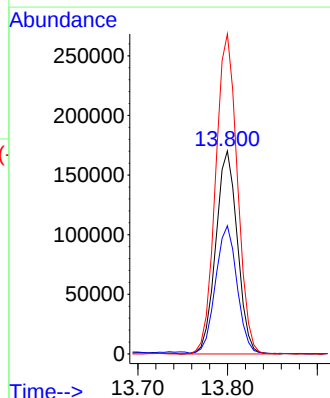
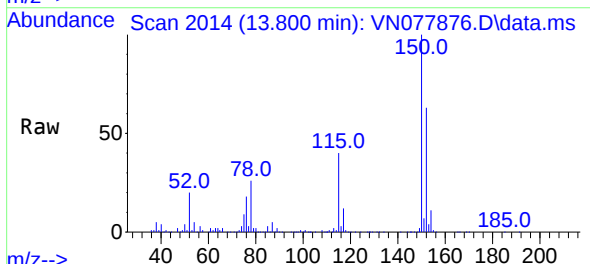
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-23-051823ME

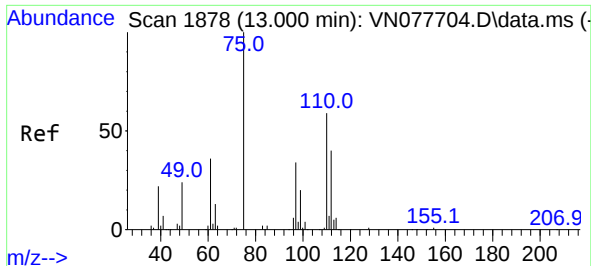
Tgt Ion:	117	Resp:	718217
Ion	Ratio	Lower	Upper
117	100		
82	53.3	44.0	66.0
119	30.2	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077876.D
Acq: 25 May 2023 02:59

Tgt Ion:	152	Resp:	284725
Ion	Ratio	Lower	Upper
152	100		
115	62.6	32.3	96.8
150	158.6	0.0	355.8

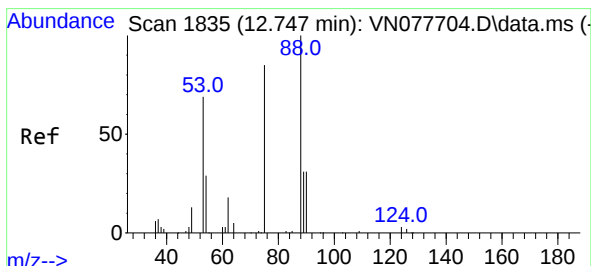
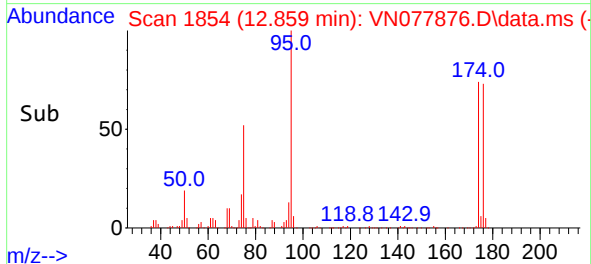
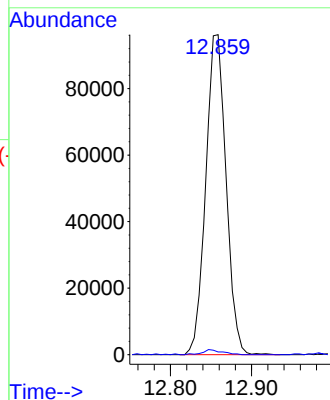
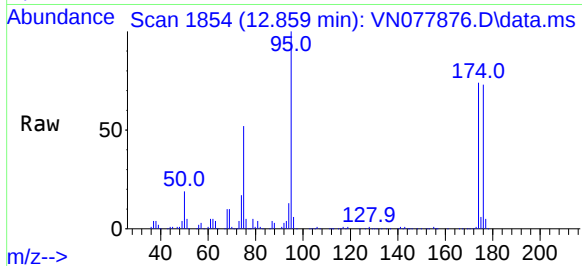




#76
1,2,3-Trichloropropane
Concen: 23.436 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. -0.141 min
Lab File: VN077876.D
Acq: 25 May 2023 02:59

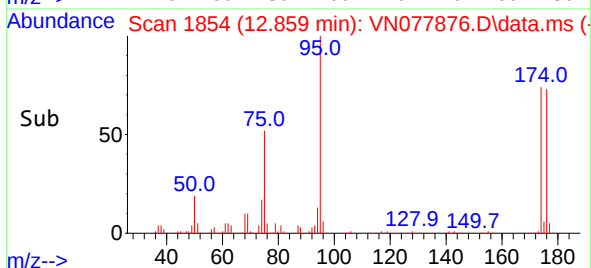
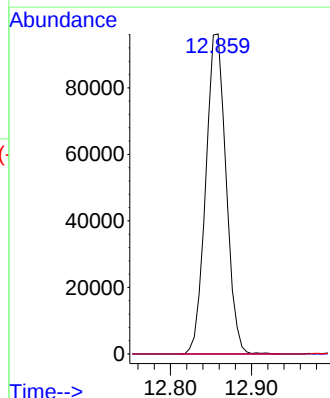
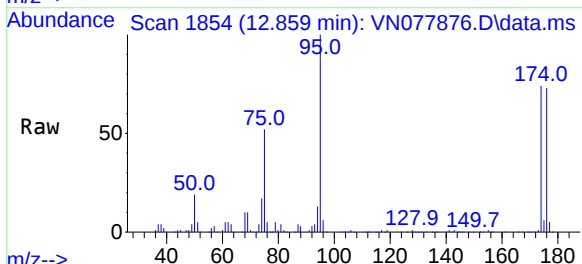
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-23-051823ME

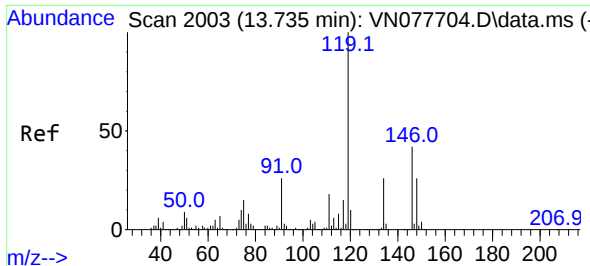
Tgt Ion: 75 Resp: 167113
Ion Ratio Lower Upper
75 100
77 1.5 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.914 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.118 min
Lab File: VN077876.D
Acq: 25 May 2023 02:59

Tgt Ion: 75 Resp: 167113
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

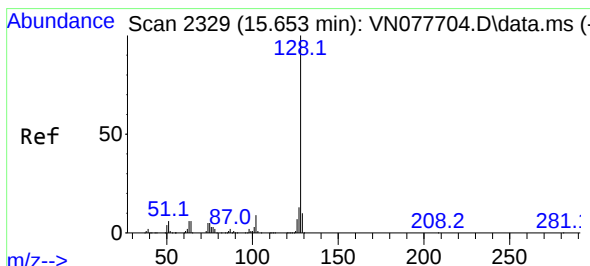
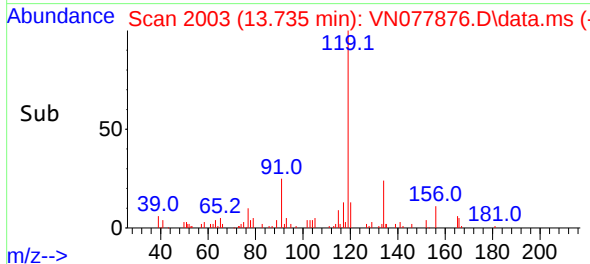
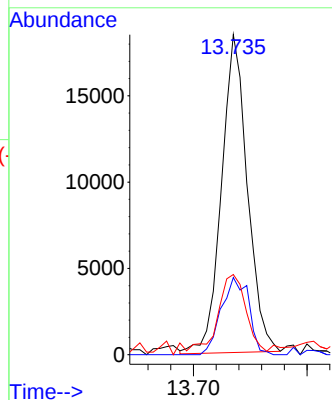
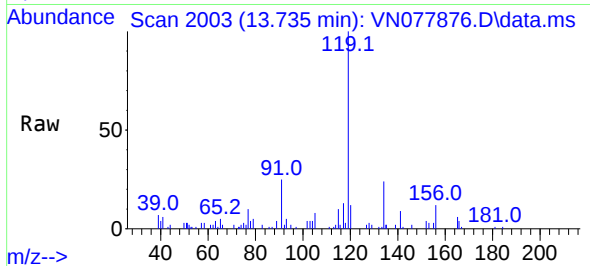




#86
p-Isopropyltoluene
Concen: 1.431 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN077876.D
Acq: 25 May 2023 02:59

Instrument : MSVOA_N
ClientSampleId : CB-32-G3-SO-23-051823ME

Tgt Ion:	119	Resp:	29203
Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.6	37.8
91	29.1	12.4	37.2



#95
Naphthalene
Concen: 1.108 ug/l
RT: 15.653 min Scan# 2329
Delta R.T. 0.006 min
Lab File: VN077876.D
Acq: 25 May 2023 02:59

Tgt Ion:	128	Resp:	21563
Ion	Ratio	Lower	Upper
128	100		
127	16.3	10.0	15.0#
129	15.0	8.7	13.1#

