

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077883.D
 Acq On : 25 May 2023 05:47
 Operator : JC\MD
 Sample : 02852-11 10X
 Misc : 6.81g/5.0mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CB-32-G3-SO-55.5-051823

Quant Time: May 25 08:33:46 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)

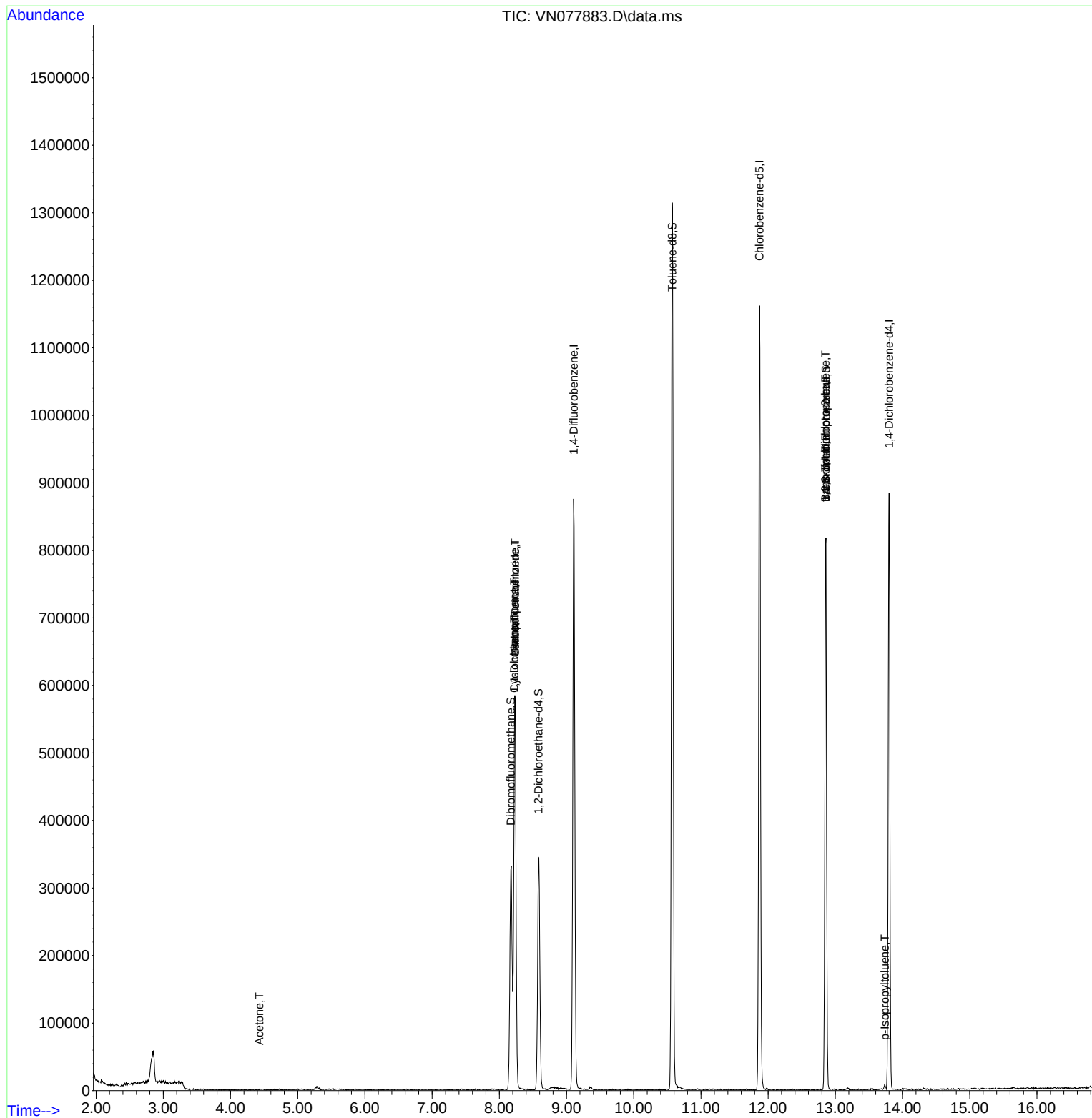
Internal Standards						
1) Pentafluorobenzene	8.230	168	427199	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	780699	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	698400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	240058	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	283852	44.407	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.820%		
35) Dibromofluoromethane	8.171	113	243412	47.814	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.620%		
50) Toluene-d8	10.571	98	958657	48.923	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.840%		
62) 4-Bromofluorobenzene	12.859	95	301733	43.599	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.200%		
Target Compounds						
3) Chloromethane	2.365	50	1228	Below Cal	#	42
13) Acrolein	4.206	56	102	Below Cal	#	39
16) Acetone	4.430	43	705	0.351	ug/l #	40
20) Methylene Chloride	5.265	84	1120	Below Cal	#	66
31) Cyclohexane	8.224	56	9927	1.143	ug/l #	18
36) 1,1-Dichloropropene	8.224	75	35371	4.750	ug/l #	49
38) Carbon Tetrachloride	8.236	117	48174	6.407	ug/l #	14
71) Bromoform	12.853	173	1747	0.501	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	157831	26.253	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	157831	83.918	ug/l #	15
86) p-Isopropyltoluene	13.735	119	4001	0.233	ug/l	89

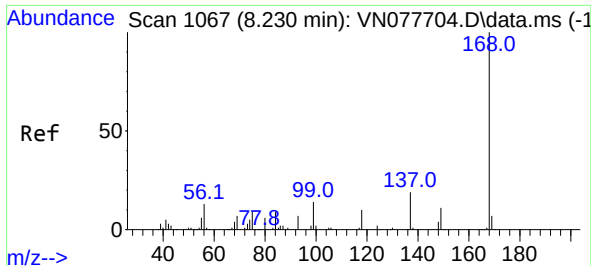
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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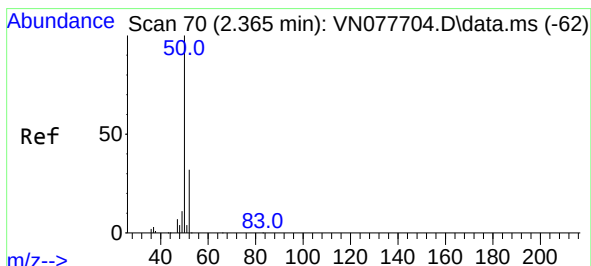
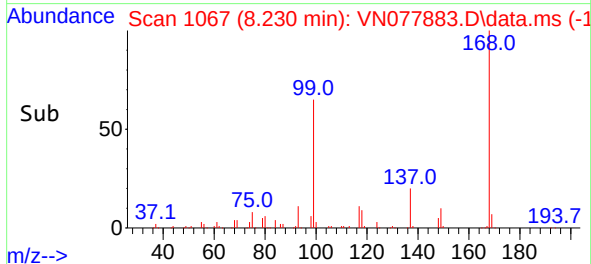
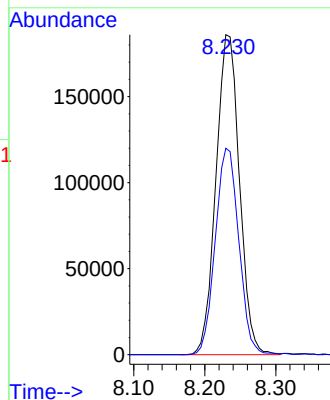
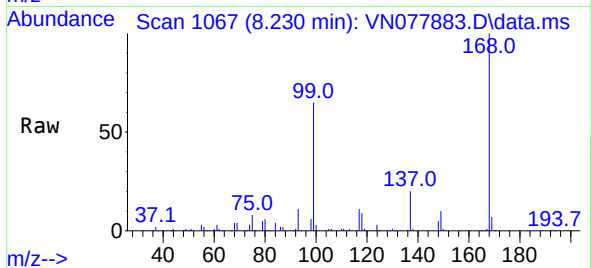




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077883.D
Acq: 25 May 2023 05:47

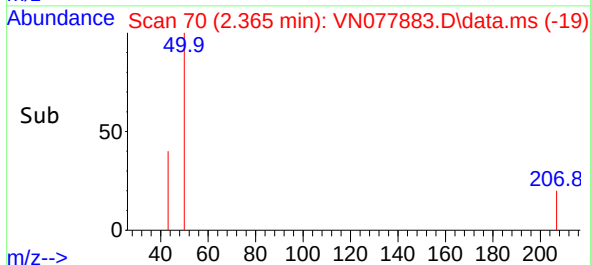
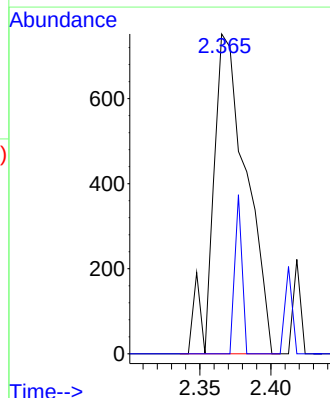
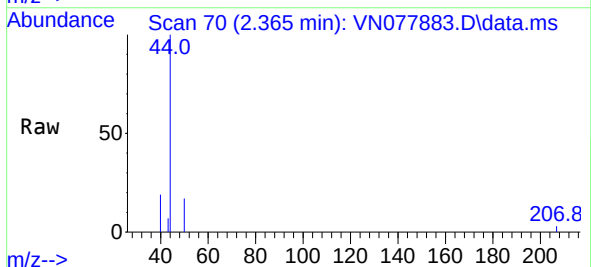
Instrument :
MSVOA_N
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CB-32-G3-SO-55.5-051823

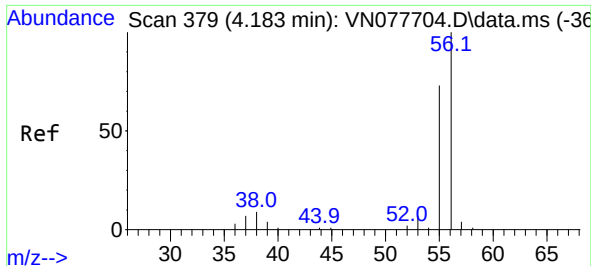
Tgt Ion:168 Resp: 427199
Ion Ratio Lower Upper
168 100
99 64.5 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN077883.D
Acq: 25 May 2023 05:47

Tgt Ion: 50 Resp: 1228
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#

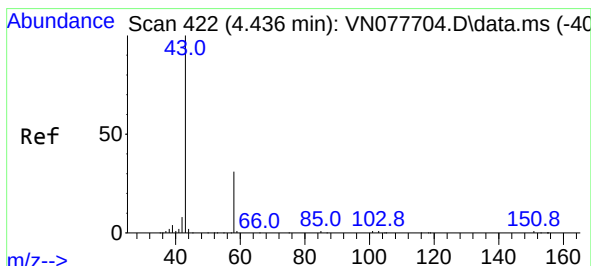
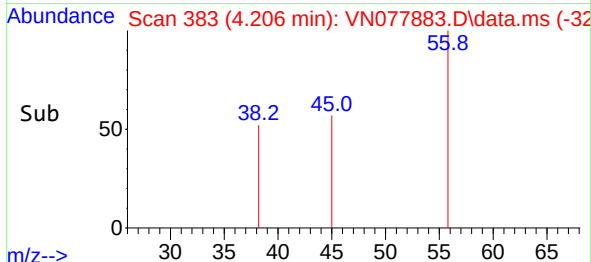
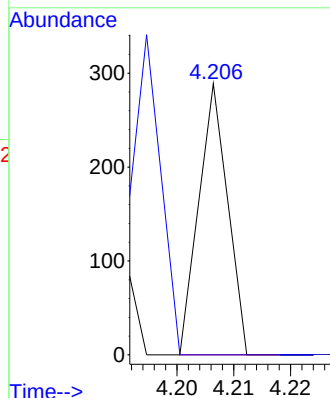
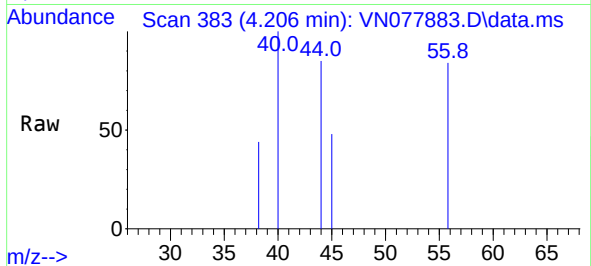




#13
Acrolein
Concen: Below Cal
RT: 4.206 min Scan# 383
Delta R.T. 0.017 min
Lab File: VN077883.D
Acq: 25 May 2023 05:47

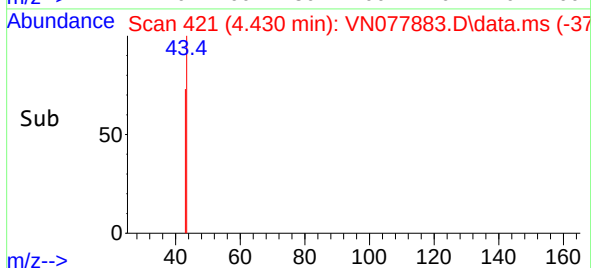
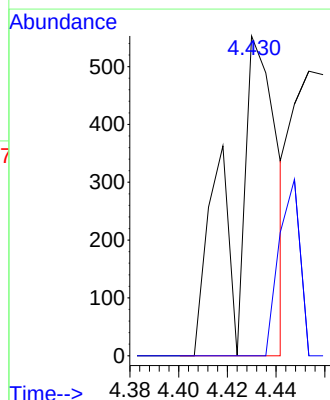
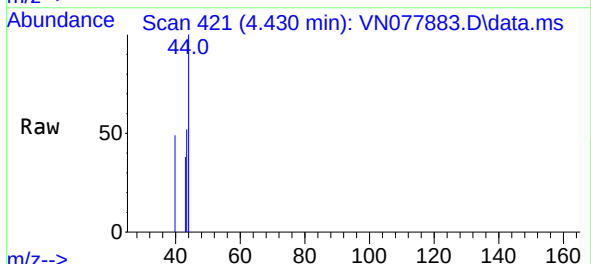
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-55.5-051823

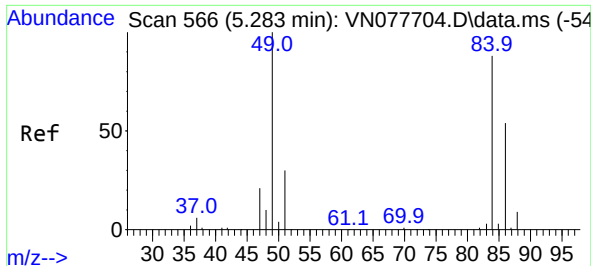
Tgt Ion: 56 Resp: 102
Ion Ratio Lower Upper
56 100
55 117.6 54.5 81.7#



#16
Acetone
Concen: 0.351 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN077883.D
Acq: 25 May 2023 05:47

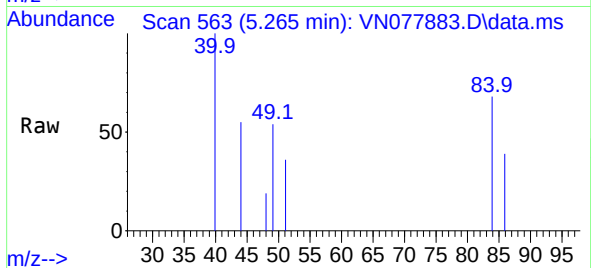
Tgt Ion: 43 Resp: 705
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#





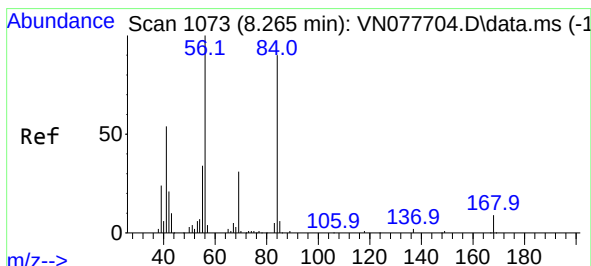
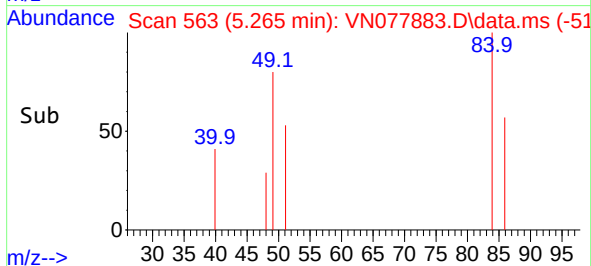
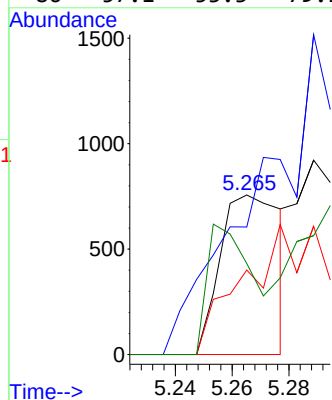
#20
Methylene Chloride
Concen: Below Cal
RT: 5.265 min Scan# 51
Delta R.T. -0.018 min
Lab File: VN077883.D
Acq: 25 May 2023 05:47

Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-55.5-051823



Tgt Ion: 84 Resp: 1120

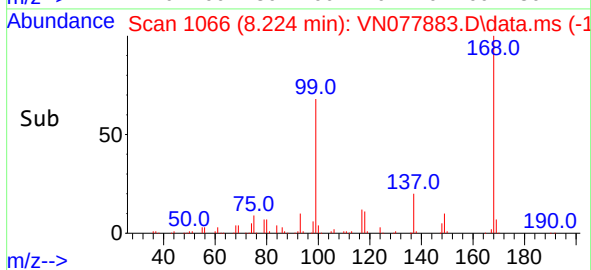
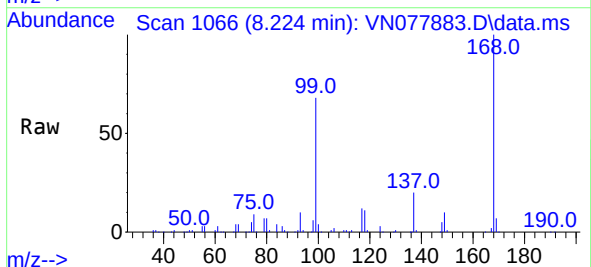
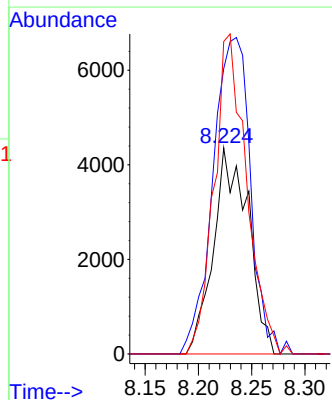
Ion	Ratio	Lower	Upper
84	100		
49	52.4	79.7	119.5#
51	53.0	25.2	37.8#
86	57.1	53.3	79.9

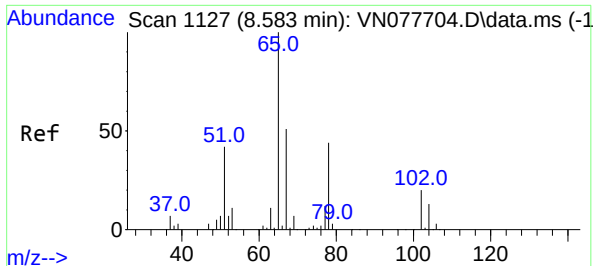


#31
Cyclohexane
Concen: 1.143 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.041 min
Lab File: VN077883.D
Acq: 25 May 2023 05:47

Tgt Ion: 56 Resp: 9927

Ion	Ratio	Lower	Upper
56	100		
69	138.4	26.8	40.2#
84	151.6	81.8	122.6#





#33

1,2-Dichloroethane-d4

Concen: 44.407 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN077883.D

Acq: 25 May 2023 05:47

Instrument :

MSVOA_N

ClientSampleId :

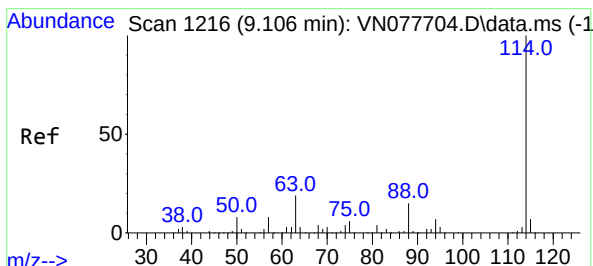
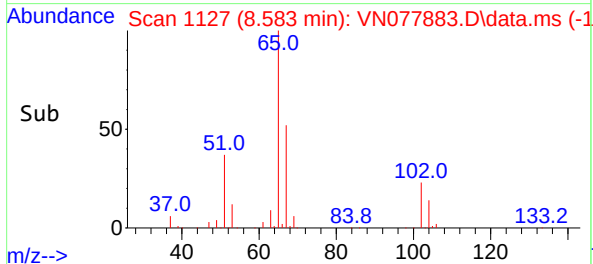
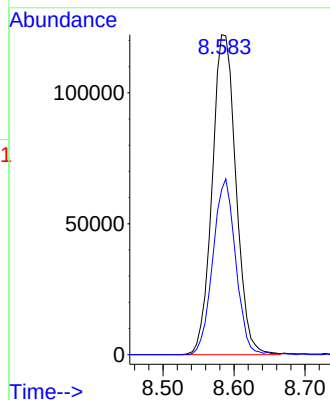
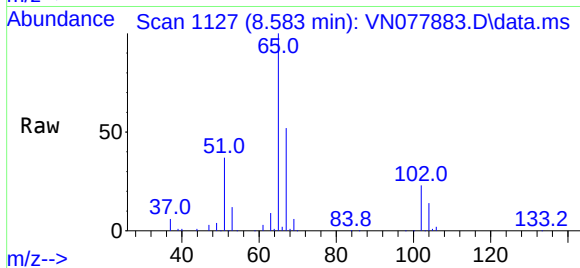
CB-32-G3-SO-55.5-051823

Tgt Ion: 65 Resp: 283852

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: VN077883.D

Acq: 25 May 2023 05:47

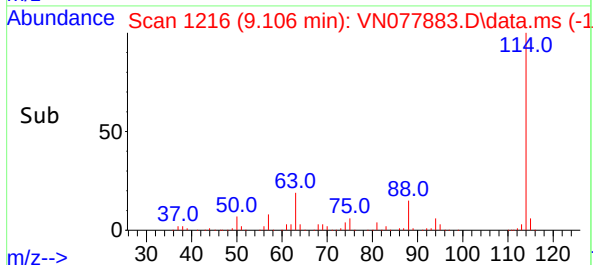
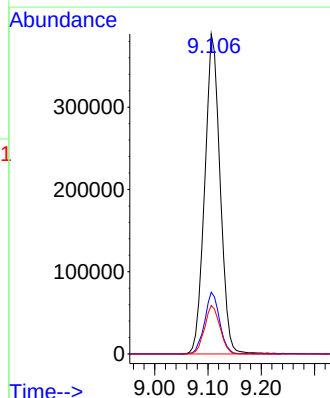
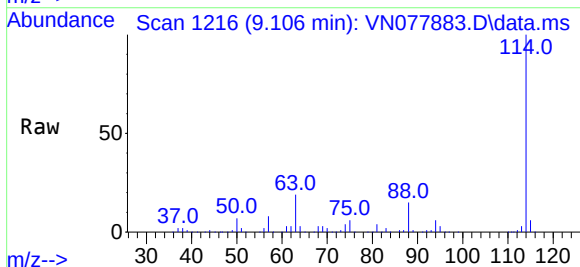
Tgt Ion: 114 Resp: 780699

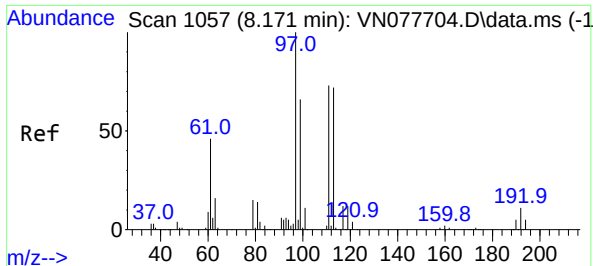
Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.4

88 15.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 47.814 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077883.D

Acq: 25 May 2023 05:47

Instrument :

MSVOA_N

ClientSampleId :

CB-32-G3-SO-55.5-051823

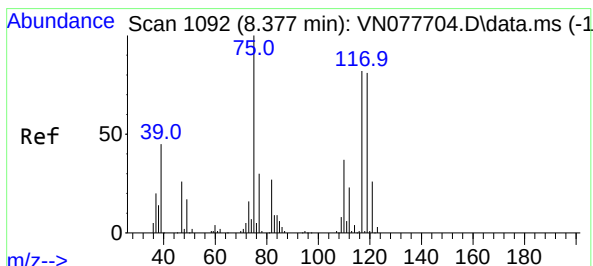
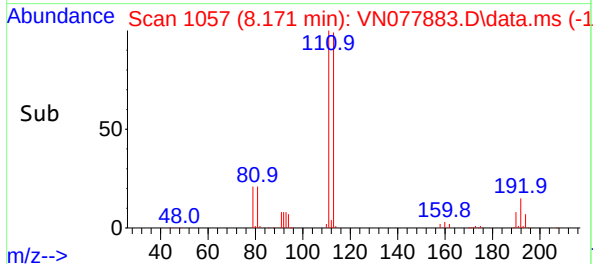
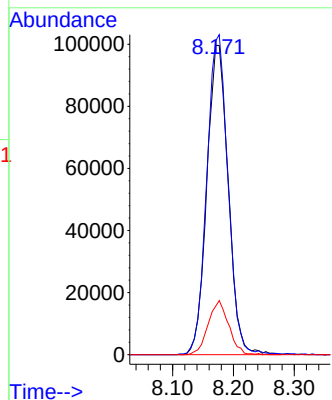
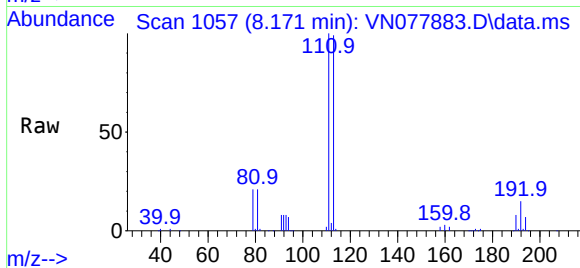
Tgt Ion:113 Resp: 243412

Ion Ratio Lower Upper

113 100

111 102.3 82.6 123.8

192 16.8 12.7 19.1



#36

1,1-Dichloropropene

Concen: 4.750 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

Lab File: VN077883.D

Acq: 25 May 2023 05:47

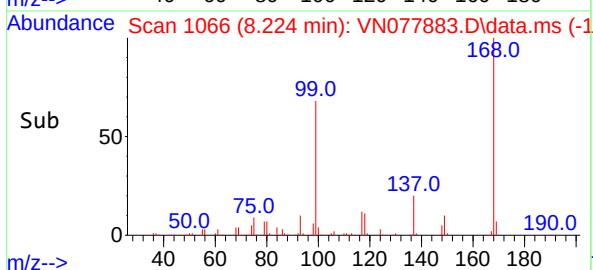
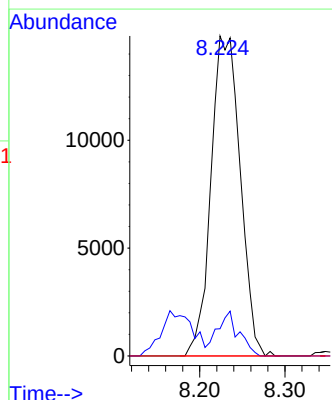
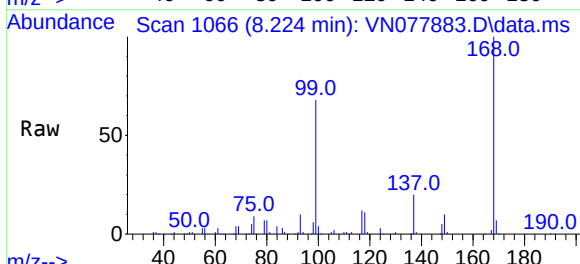
Tgt Ion: 75 Resp: 35371

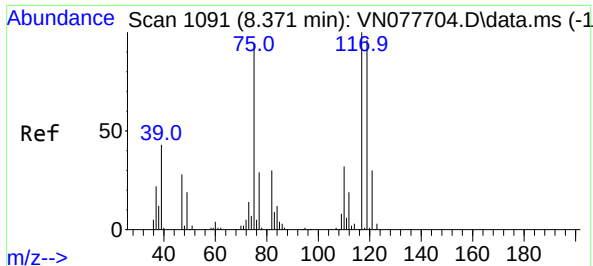
Ion Ratio Lower Upper

75 100

110 10.3 19.1 57.3#

77 0.0 25.0 37.4#

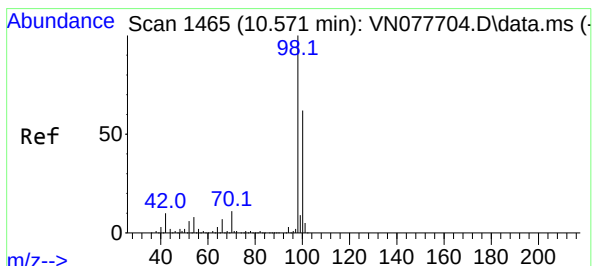
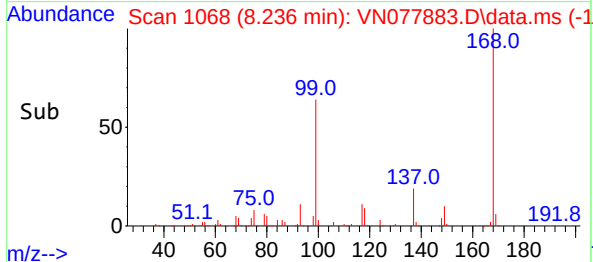
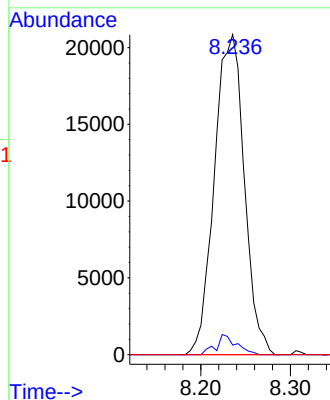
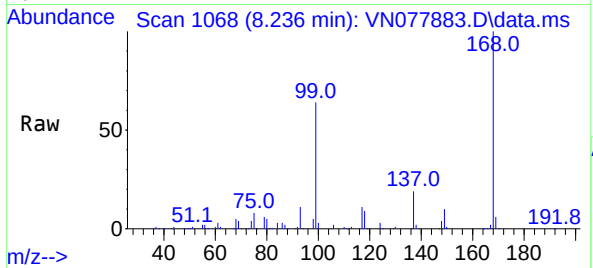




#38
Carbon Tetrachloride
Concen: 6.407 ug/l
RT: 8.236 min Scan# 1091
Delta R.T. -0.135 min
Lab File: VN077883.D
Acq: 25 May 2023 05:47

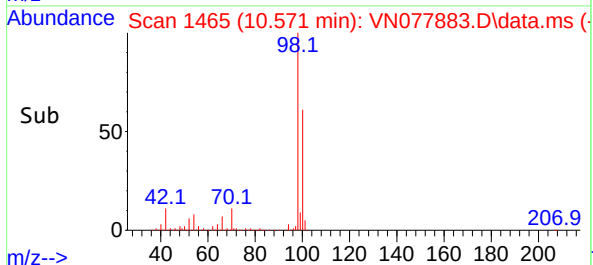
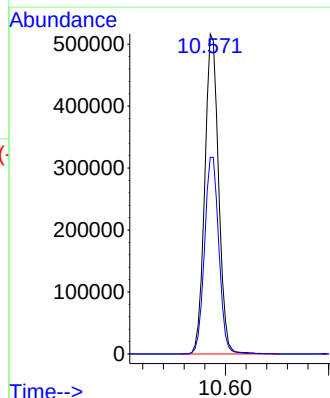
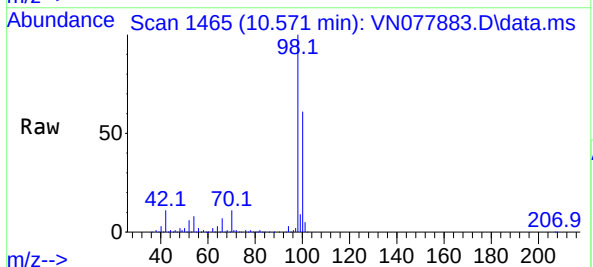
Instrument :
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CB-32-G3-SO-55.5-051823

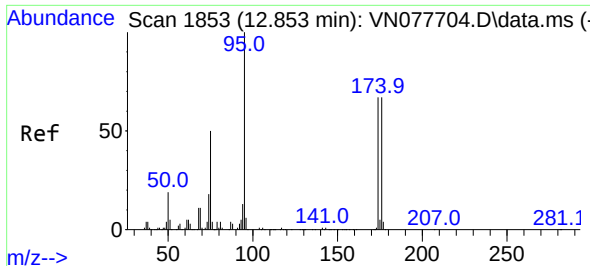
Tgt Ion:117 Resp: 48174
Ion Ratio Lower Upper
117 100
119 3.0 77.3 115.9#
121 0.0 23.3 34.9#



#50
Toluene-d8
Concen: 48.923 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077883.D
Acq: 25 May 2023 05:47

Tgt Ion: 98 Resp: 958657
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0

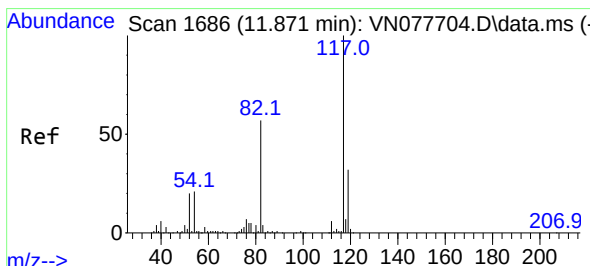
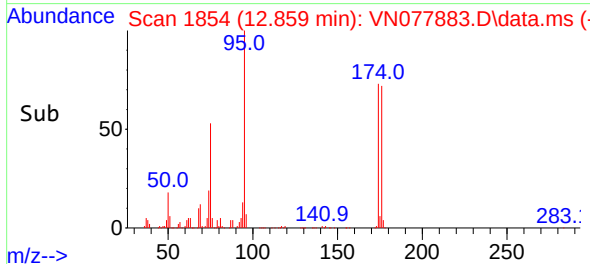
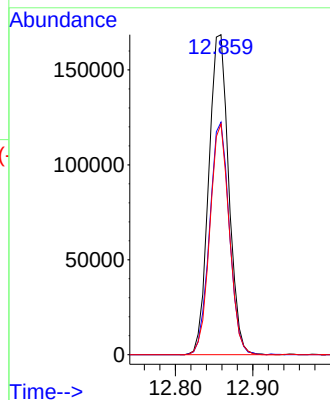
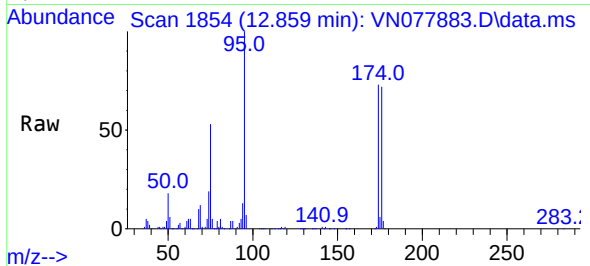




#62
4-Bromofluorobenzene
Concen: 43.599 ug/l
RT: 12.859 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077883.D
Acq: 25 May 2023 05:47

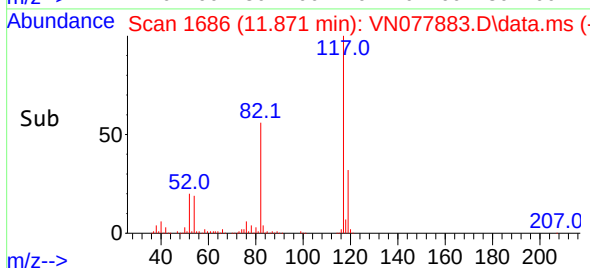
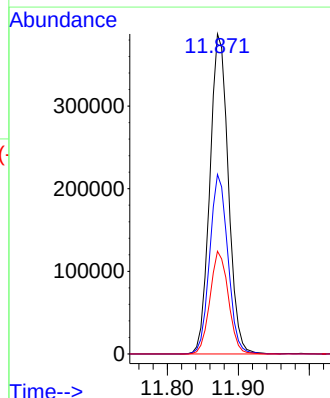
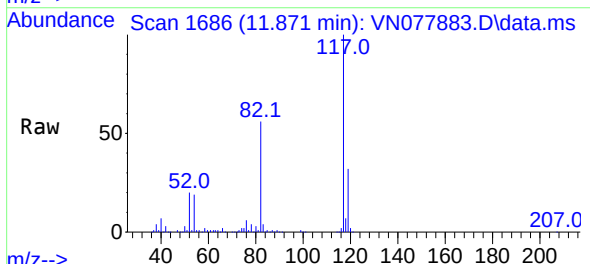
Instrument :
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CB-32-G3-SO-55.5-051823

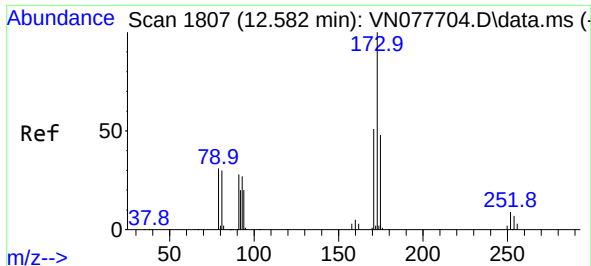
Tgt Ion: 95 Resp: 301733
Ion Ratio Lower Upper
95 100
174 71.7 0.0 143.8
176 69.8 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077883.D
Acq: 25 May 2023 05:47

Tgt Ion: 117 Resp: 698400
Ion Ratio Lower Upper
117 100
82 56.1 44.0 66.0
119 32.1 25.6 38.4

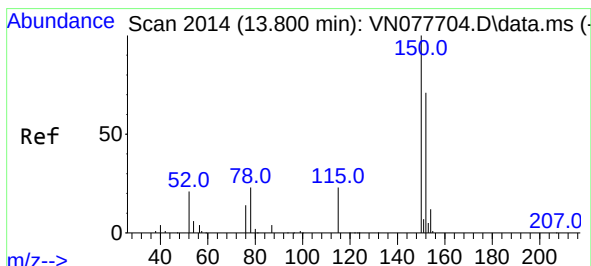
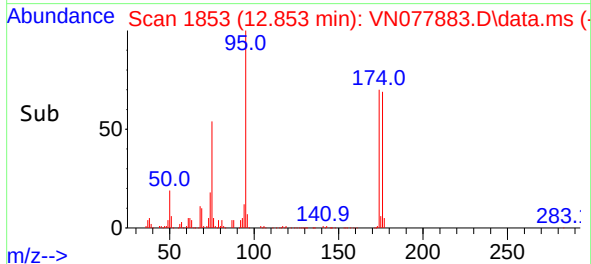
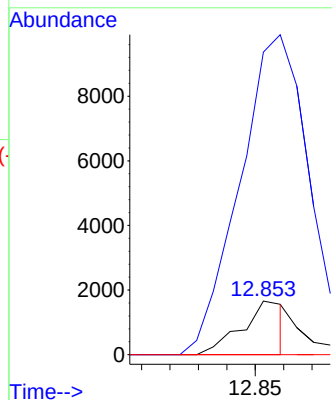
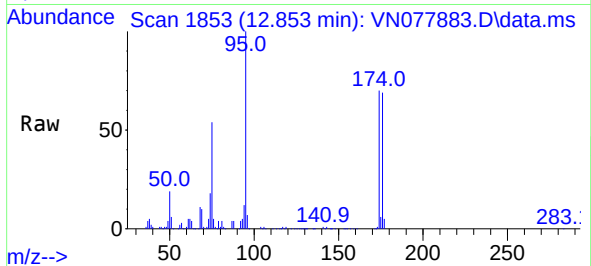




#71
Bromoform
Concen: 0.501 ug/l
RT: 12.853 min Scan# 1807
Delta R.T. 0.271 min
Lab File: VN077883.D
Acq: 25 May 2023 05:47

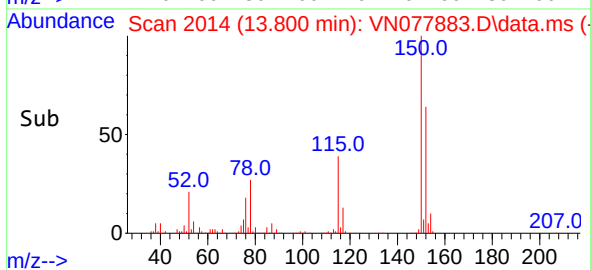
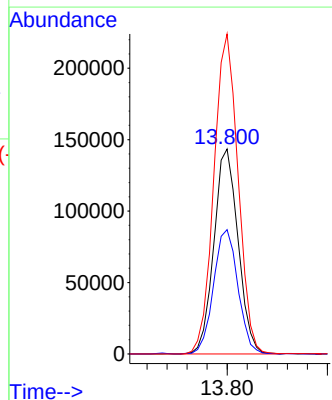
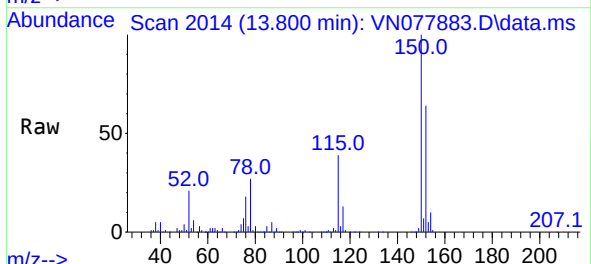
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-55.5-051823

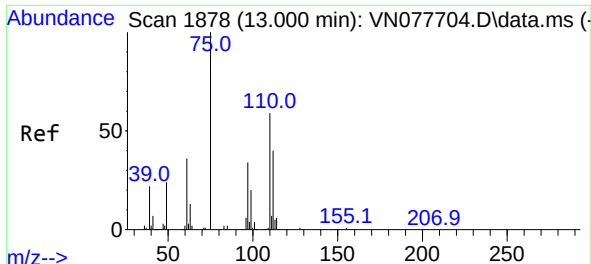
Tgt Ion:173 Resp: 1747
Ion Ratio Lower Upper
173 100
175 0.0 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077883.D
Acq: 25 May 2023 05:47

Tgt Ion:152 Resp: 240058
Ion Ratio Lower Upper
152 100
115 61.2 32.3 96.8
150 156.5 0.0 355.8

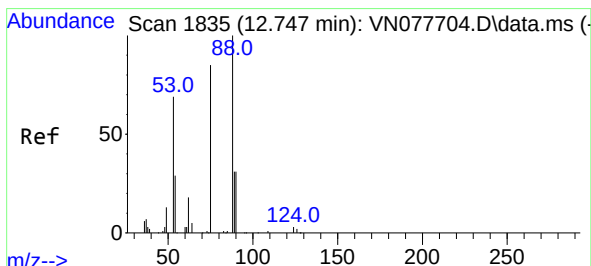
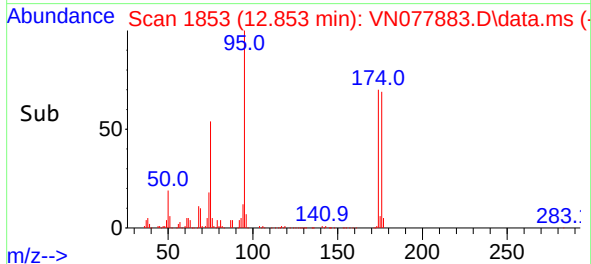
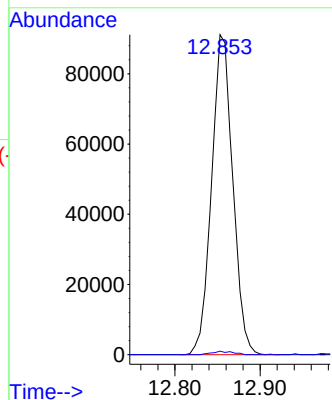
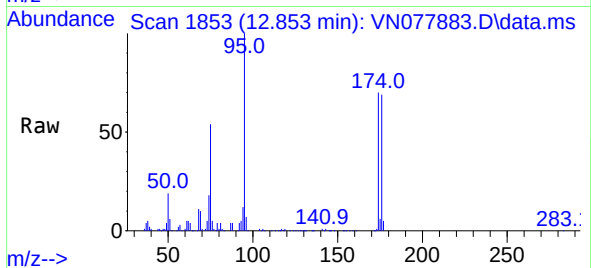




#76
1,2,3-Trichloropropane
Concen: 26.253 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN077883.D
Acq: 25 May 2023 05:47

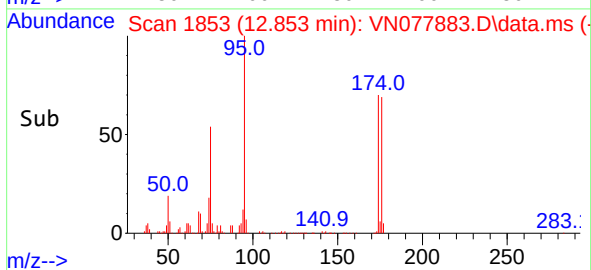
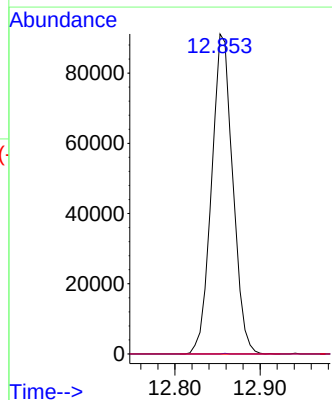
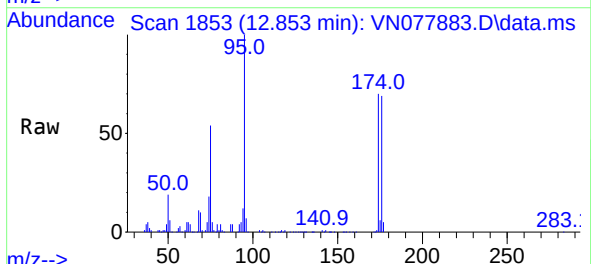
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-55.5-051823

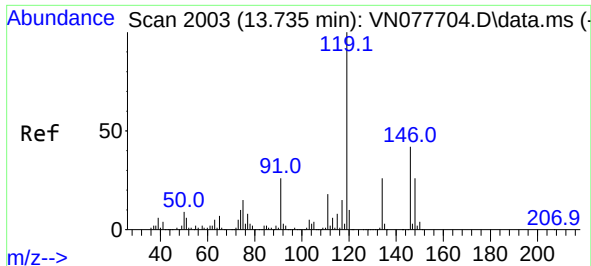
Tgt Ion: 75 Resp: 157831
Ion Ratio Lower Upper
75 100
77 1.0 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.918 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN077883.D
Acq: 25 May 2023 05:47

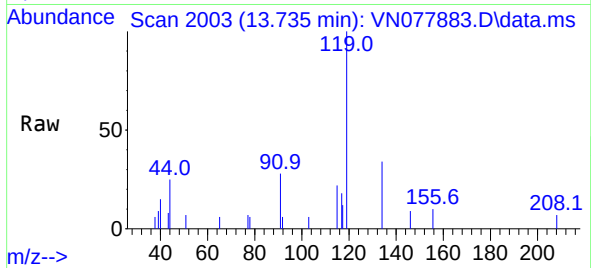
Tgt Ion: 75 Resp: 157831
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#





#86
p-Isopropyltoluene
Concen: 0.233 ug/l
RT: 13.735 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN077883.D
Acq: 25 May 2023 05:47

Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-55.5-051823



Tgt Ion:	119	Resp:	4001
Ion	Ratio	Lower	Upper
119	100		
134	31.9	12.6	37.8
91	29.2	12.4	37.2

