

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077880.D
 Acq On : 25 May 2023 04:35
 Operator : JC\MD
 Sample : 02852-08 10X
 Misc : 5.76g/5.0mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CB-32-G3-SO-45-051823

Quant Time: May 25 05:49:50 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)

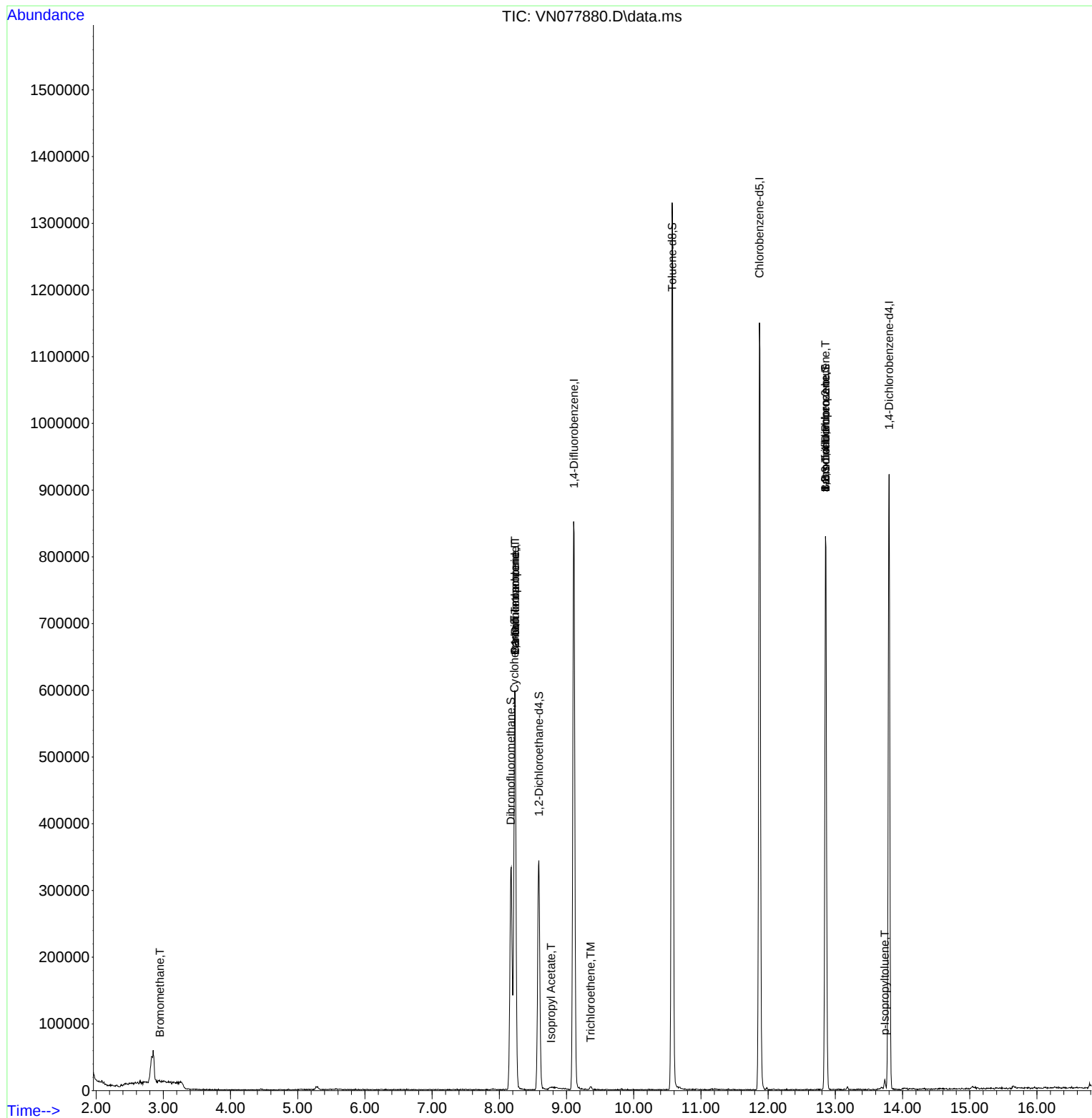
Internal Standards						
1) Pentafluorobenzene	8.236	168	432517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	780297	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	695072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	250024	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	288433	44.569	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.140%		
35) Dibromofluoromethane	8.171	113	243503	47.856	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.720%		
50) Toluene-d8	10.571	98	963988	49.221	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.440%		
62) 4-Bromofluorobenzene	12.853	95	309430	44.735	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.460%		
Target Compounds			Qvalue			
3) Chloromethane	2.366	50	906	Below Cal		91
5) Bromomethane	2.948	94	1879	0.409 ug/l #		43
13) Acrolein	4.207	56	68	Below Cal #		81
20) Methylene Chloride	5.295	84	1825	Below Cal #		86
31) Cyclohexane	8.224	56	9887	1.124 ug/l #		49
36) 1,1-Dichloropropene	8.236	75	36359	4.885 ug/l #		48
38) Carbon Tetrachloride	8.236	117	47566	6.329 ug/l #		16
43) Isopropyl Acetate	8.771	43	3881	0.358 ug/l #		49
44) Trichloroethene	9.359	130	2092	0.376 ug/l		88
71) Bromoform	12.853	173	1873	0.540 ug/l #		28
76) 1,2,3-Trichloropropane	12.853	75	160859	25.690 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.853	75	160859	82.119 ug/l #		15
86) p-Isopropyltoluene	13.735	119	7589	0.424 ug/l		95

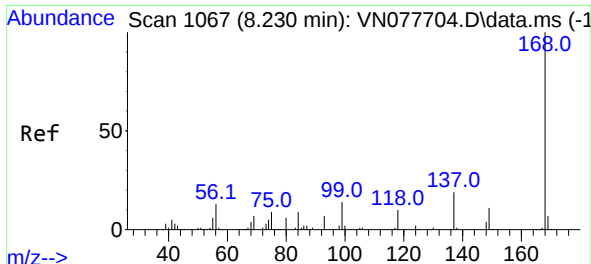
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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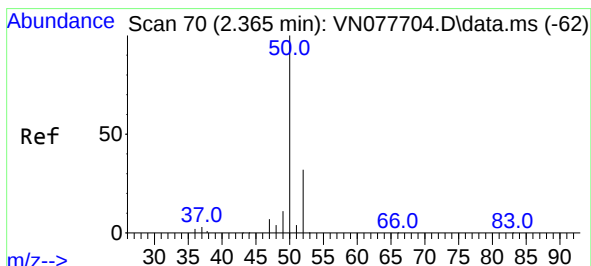
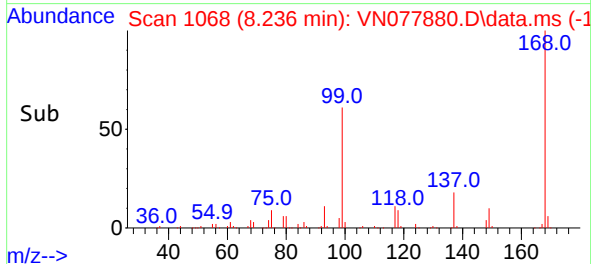
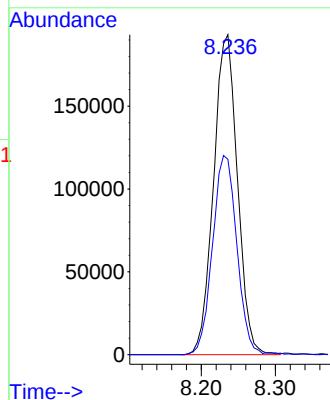
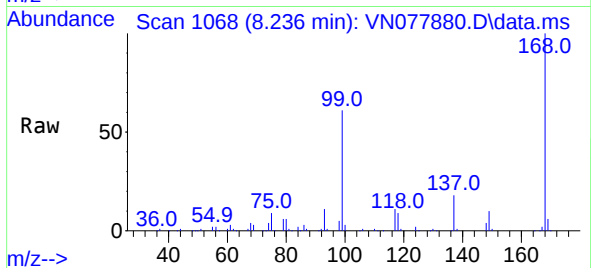




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN077880.D
Acq: 25 May 2023 04:35

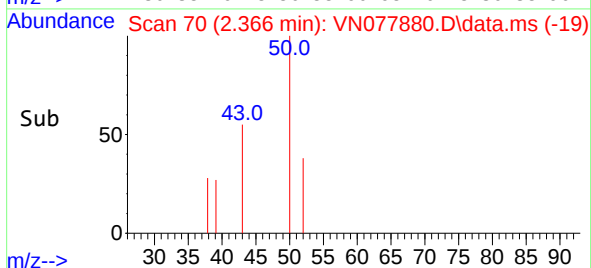
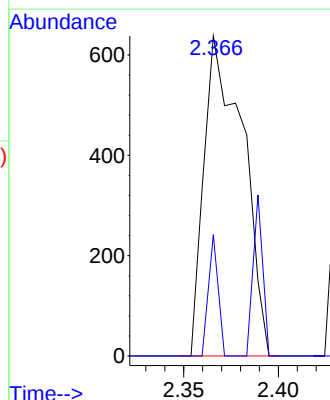
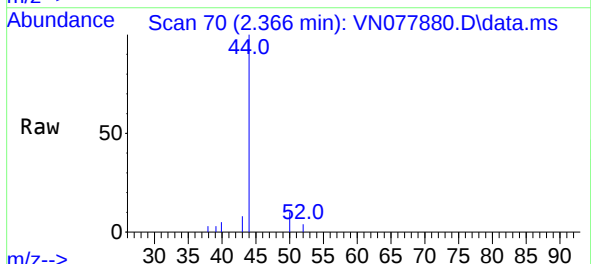
Instrument :
MSVOA_N
ClientSampleId :
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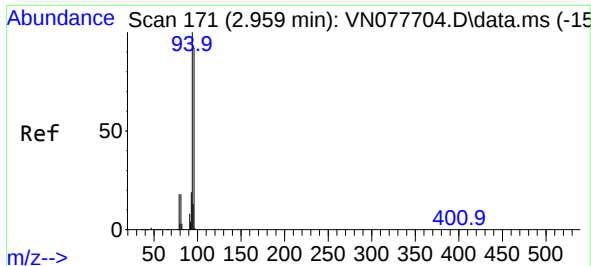
Tgt Ion:168 Resp: 432517
Ion Ratio Lower Upper
168 100
99 61.1 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.366 min Scan# 70
Delta R.T. 0.001 min
Lab File: VN077880.D
Acq: 25 May 2023 04:35

Tgt Ion: 50 Resp: 906
Ion Ratio Lower Upper
50 100
52 37.9 26.5 39.7

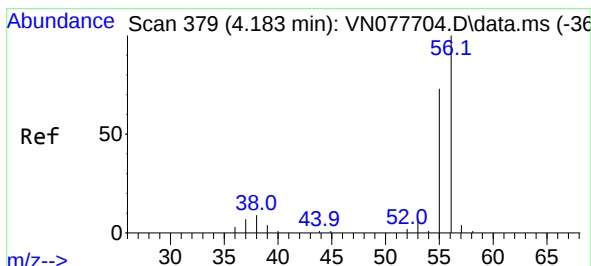
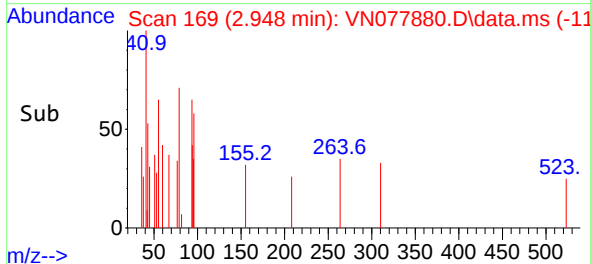
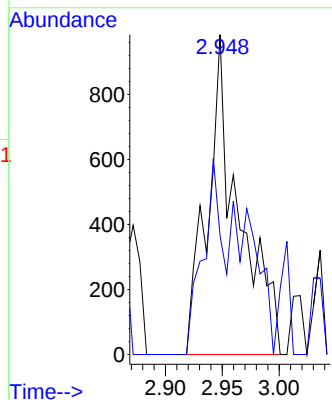
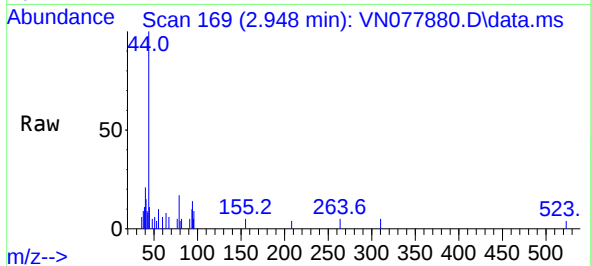




#5
Bromomethane
Concen: 0.409 ug/l
RT: 2.948 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN077880.D
Acq: 25 May 2023 04:35

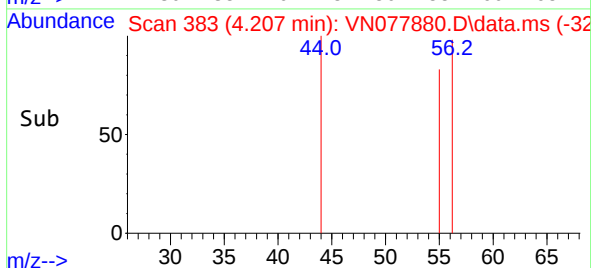
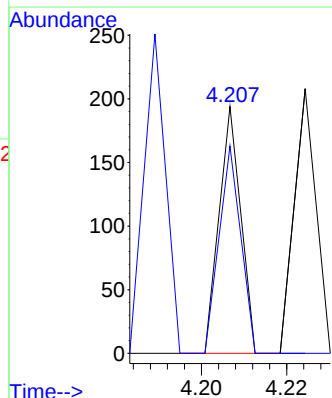
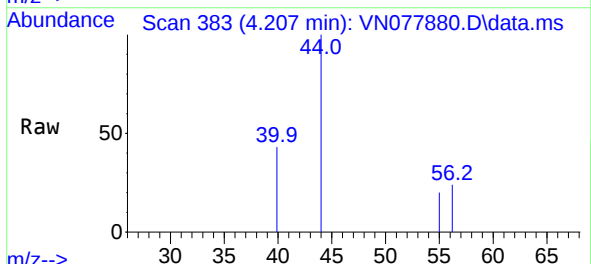
Instrument :
MSVOA_N
ClientSampleId :
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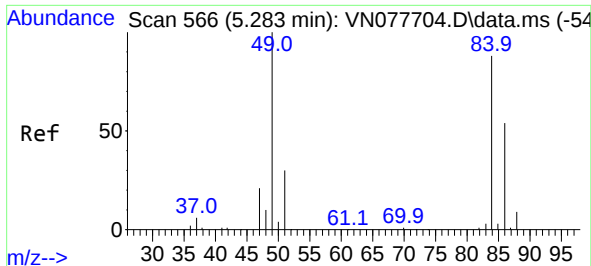
Tgt Ion: 94 Resp: 1879
Ion Ratio Lower Upper
94 100
96 37.2 73.1 109.7#



#13
Acrolein
Concen: Below Cal
RT: 4.207 min Scan# 383
Delta R.T. 0.018 min
Lab File: VN077880.D
Acq: 25 May 2023 04:35

Tgt Ion: 56 Resp: 68
Ion Ratio Lower Upper
56 100
55 83.8 54.5 81.7#





#20

Methylene Chloride

Concen: Below Cal

RT: 5.295 min Scan# 51

Delta R.T. 0.012 min

Lab File: VN077880.D

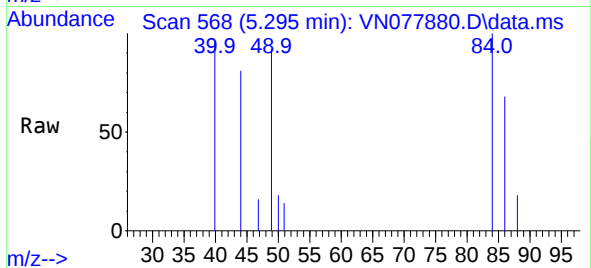
Acq: 25 May 2023 04:35

Instrument :

MSVOA_N

ClientSampleId :

CB-32-G3-SO-45-051823



Tgt Ion: 84 Resp: 1825

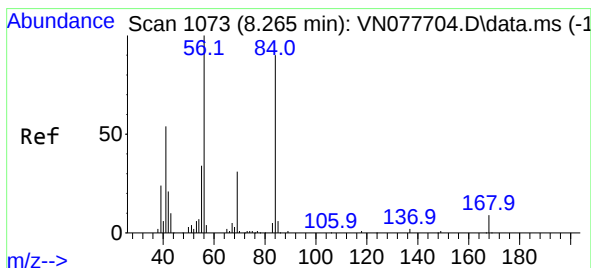
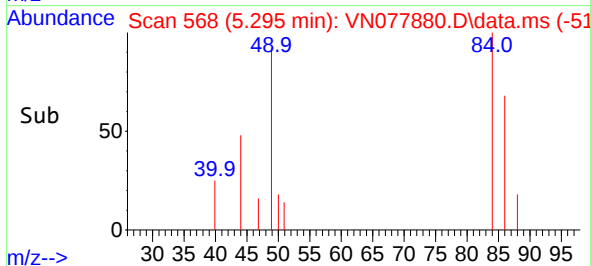
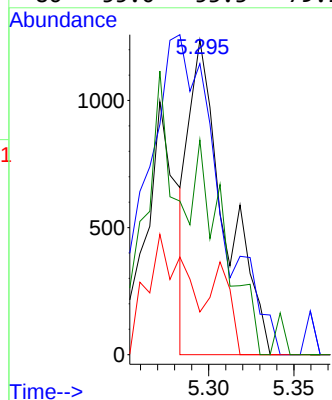
Ion Ratio Lower Upper

84 100

49 92.5 79.7 119.5

51 13.6 25.2 37.8#

86 55.0 53.3 79.9



#31

Cyclohexane

Concen: 1.124 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.041 min

Lab File: VN077880.D

Acq: 25 May 2023 04:35

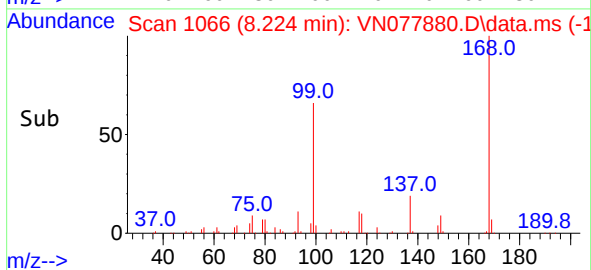
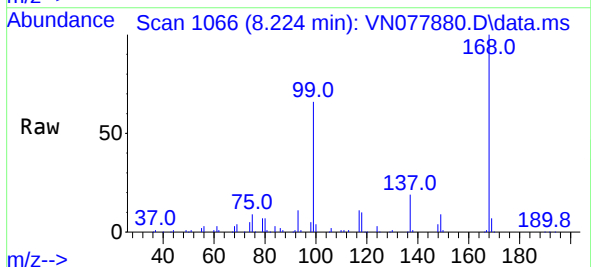
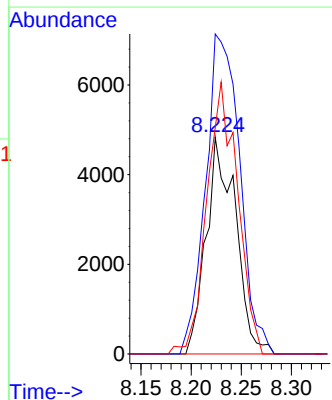
Tgt Ion: 56 Resp: 9887

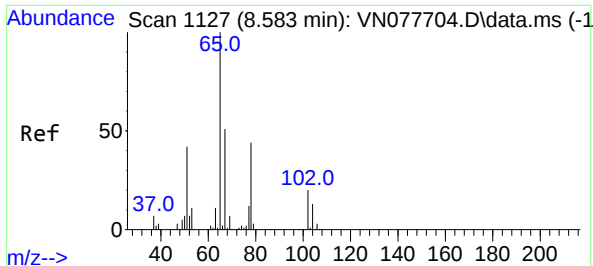
Ion Ratio Lower Upper

56 100

69 147.7 26.8 40.2#

84 104.4 81.8 122.6

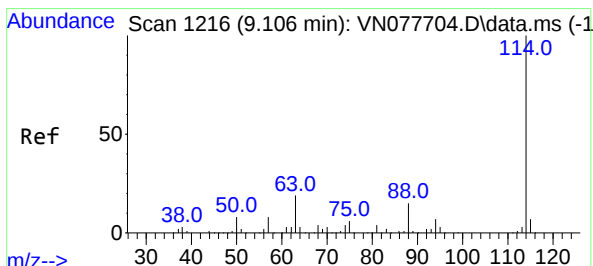
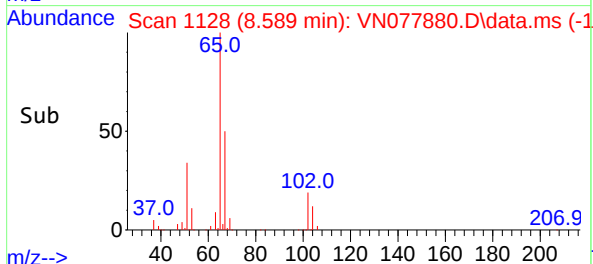
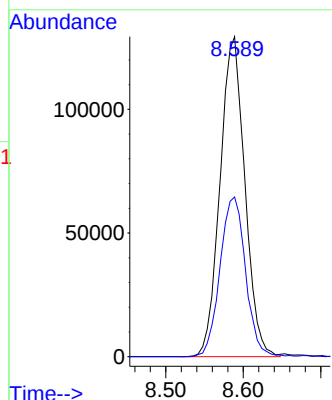
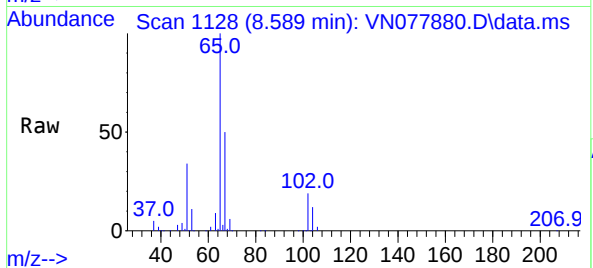




#33
1,2-Dichloroethane-d4
Concen: 44.569 ug/l
RT: 8.589 min Scan# 1127
Delta R.T. 0.007 min
Lab File: VN077880.D
Acq: 25 May 2023 04:35

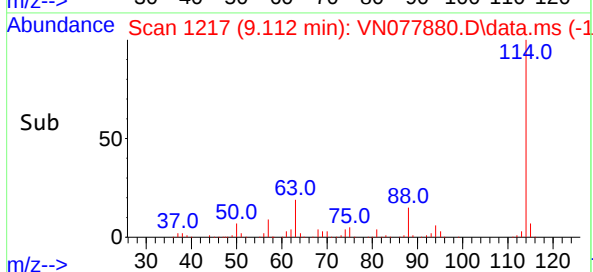
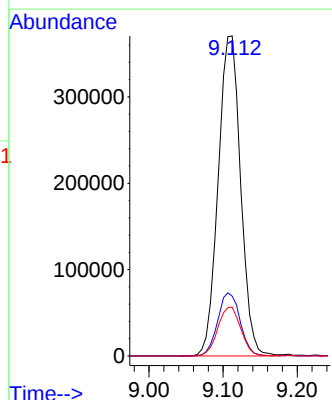
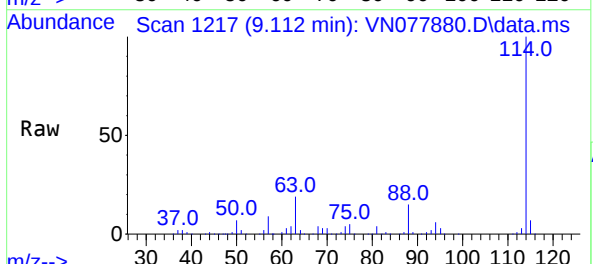
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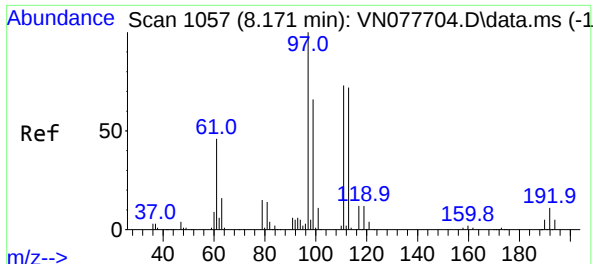
Tgt Ion: 65 Resp: 288433
Ion Ratio Lower Upper
65 100
67 51.4 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 1217
Delta R.T. 0.006 min
Lab File: VN077880.D
Acq: 25 May 2023 04:35

Tgt Ion: 114 Resp: 780297
Ion Ratio Lower Upper
114 100
63 18.7 0.0 36.4
88 15.2 0.0 30.6

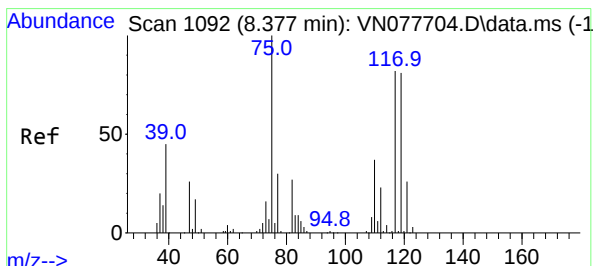
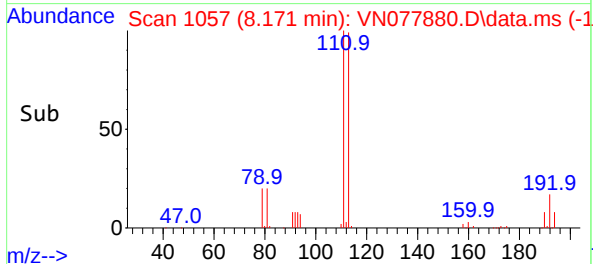
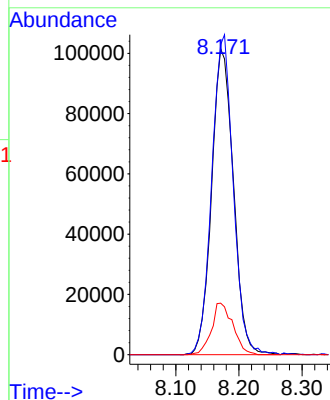
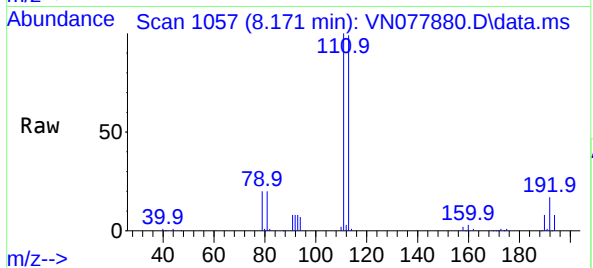




#35
Dibromofluoromethane
Concen: 47.856 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN077880.D
Acq: 25 May 2023 04:35

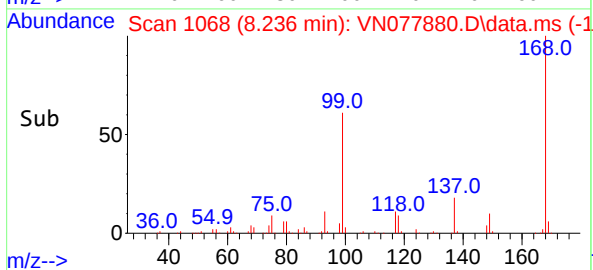
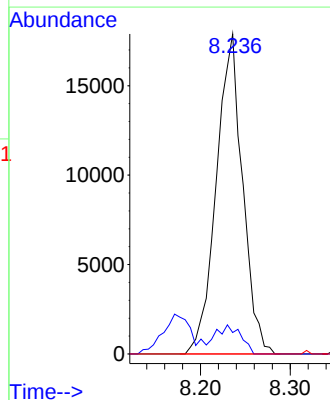
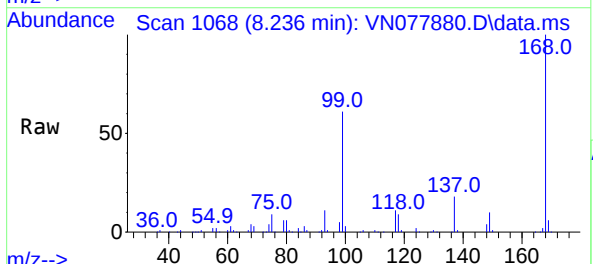
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CB-32-G3-SO-45-051823

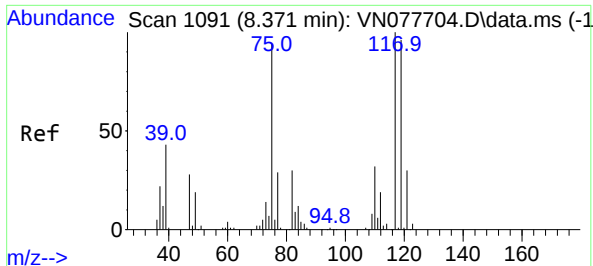
Tgt Ion:113 Resp: 243503
Ion Ratio Lower Upper
113 100
111 102.5 82.6 123.8
192 16.5 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.885 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VN077880.D
Acq: 25 May 2023 04:35

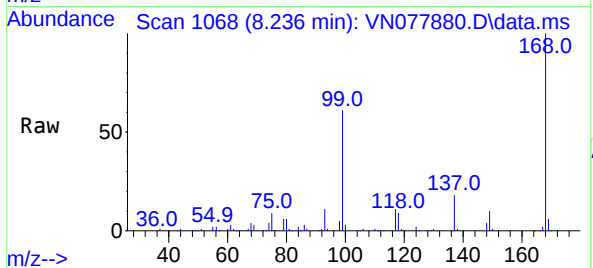
Tgt Ion: 75 Resp: 36359
Ion Ratio Lower Upper
75 100
110 8.6 19.1 57.3#
77 0.0 25.0 37.4#



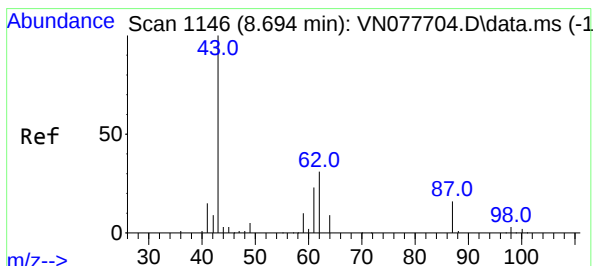
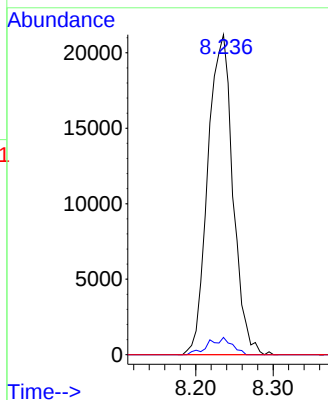
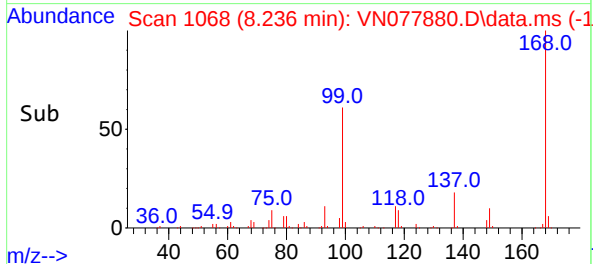


#38
Carbon Tetrachloride
Concen: 6.329 ug/l
RT: 8.236 min Scan# 1109
Delta R.T. -0.135 min
Lab File: VN077880.D
Acq: 25 May 2023 04:35

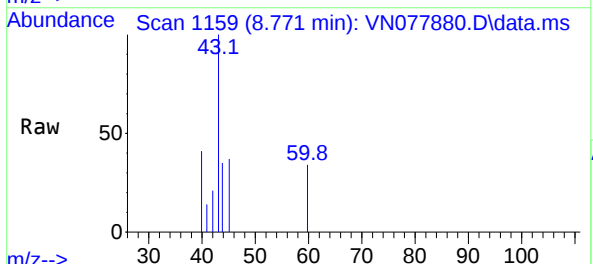
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MSVOA_N
ClientSampleId :
CB-32-G3-SO-45-051823



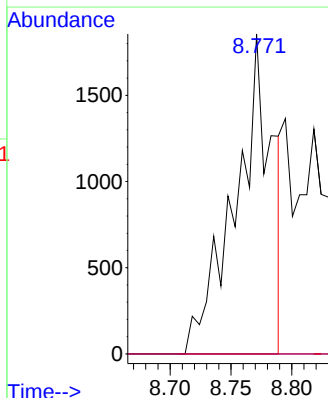
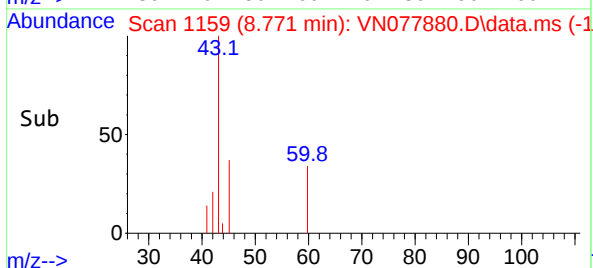
Tgt Ion:117 Resp: 47566
Ion Ratio Lower Upper
117 100
119 5.4 77.3 115.9#
121 0.0 23.3 34.9#

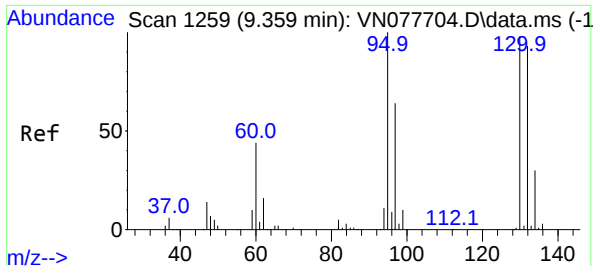


#43
Isopropyl Acetate
Concen: 0.358 ug/l
RT: 8.771 min Scan# 1159
Delta R.T. 0.077 min
Lab File: VN077880.D
Acq: 25 May 2023 04:35



Tgt Ion: 43 Resp: 3881
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#

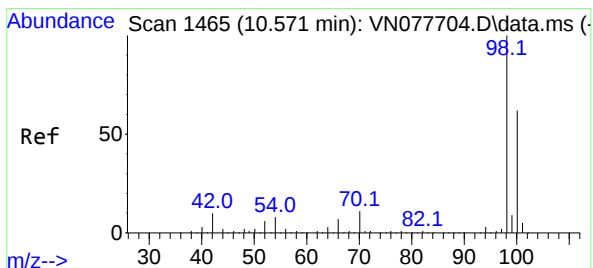
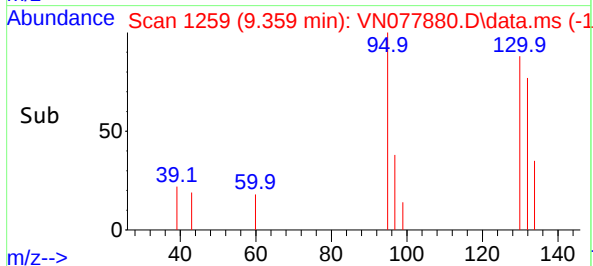
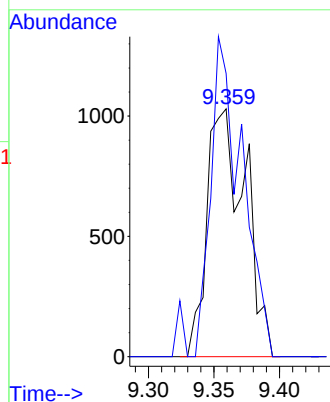
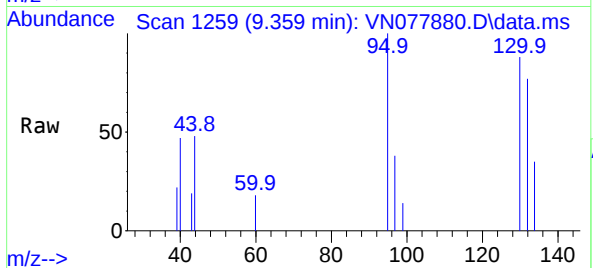




#44
Trichloroethene
Concen: 0.376 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077880.D
Acq: 25 May 2023 04:35

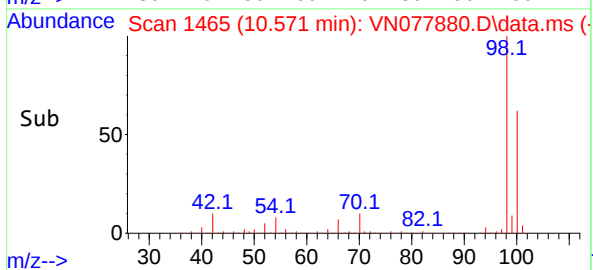
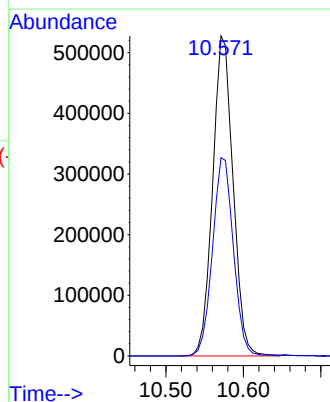
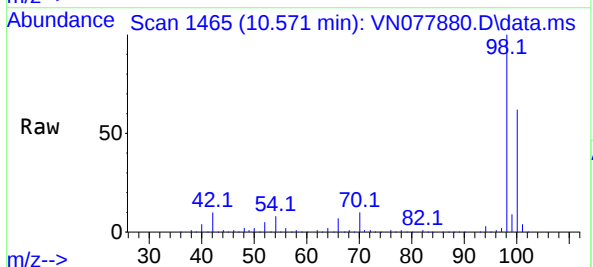
Instrument :
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CB-32-G3-SO-45-051823

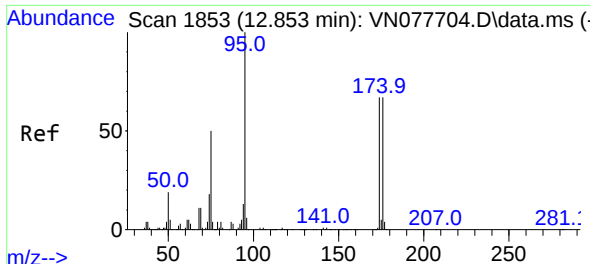
Tgt Ion:130 Resp: 2092
Ion Ratio Lower Upper
130 100
95 114.3 0.0 204.6



#50
Toluene-d8
Concen: 49.221 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077880.D
Acq: 25 May 2023 04:35

Tgt Ion: 98 Resp: 963988
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0

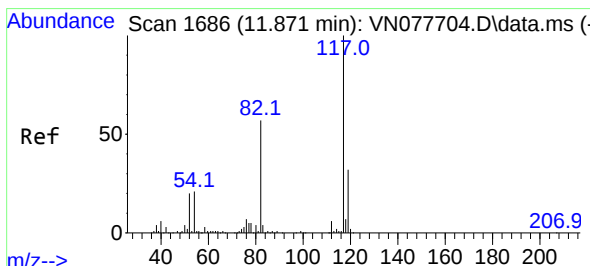
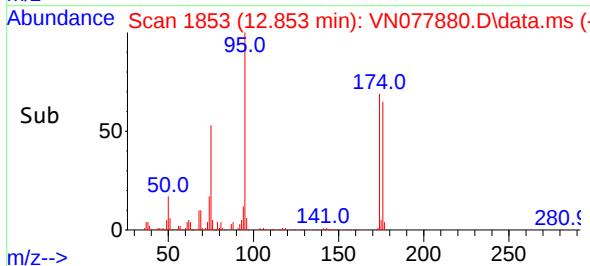
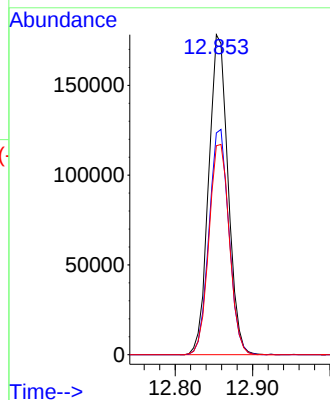
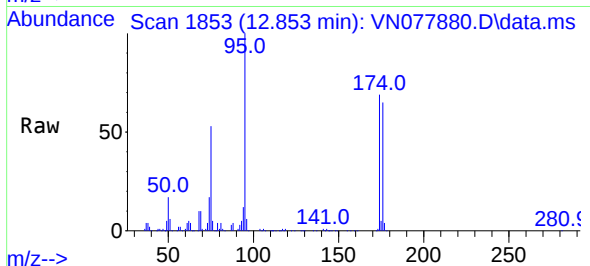




#62
4-Bromofluorobenzene
Concen: 44.735 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN077880.D
Acq: 25 May 2023 04:35

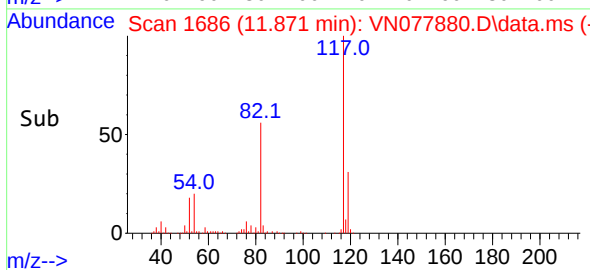
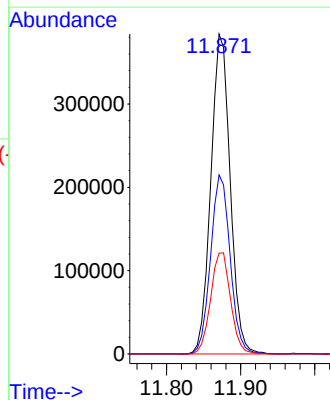
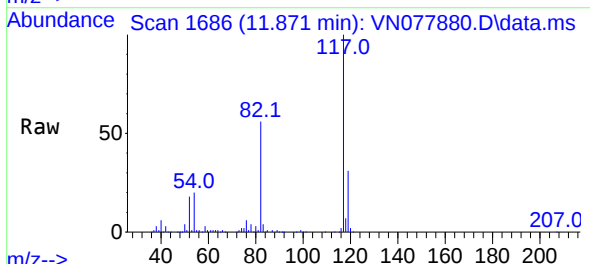
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-45-051823

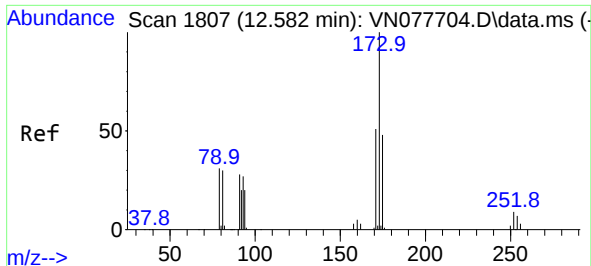
Tgt Ion: 95 Resp: 309430
Ion Ratio Lower Upper
95 100
174 72.1 0.0 143.8
176 69.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077880.D
Acq: 25 May 2023 04:35

Tgt Ion: 117 Resp: 695072
Ion Ratio Lower Upper
117 100
82 55.9 44.0 66.0
119 31.5 25.6 38.4

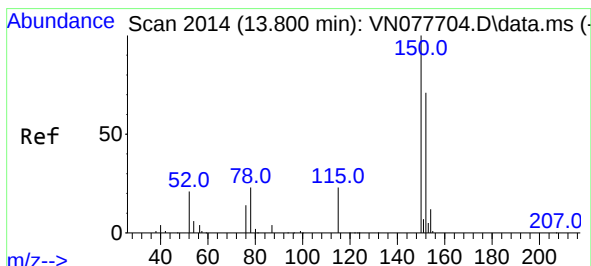
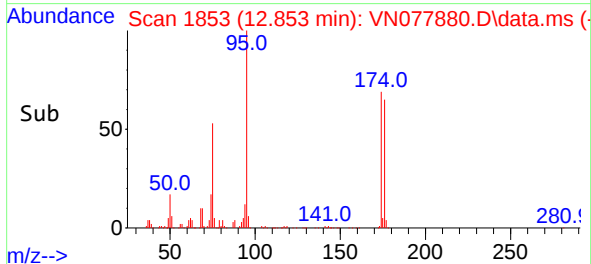
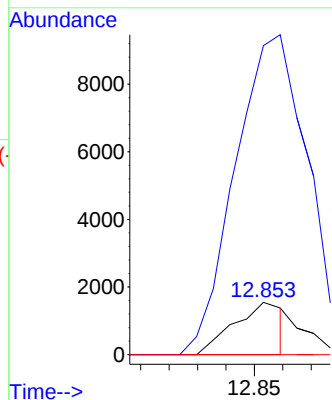
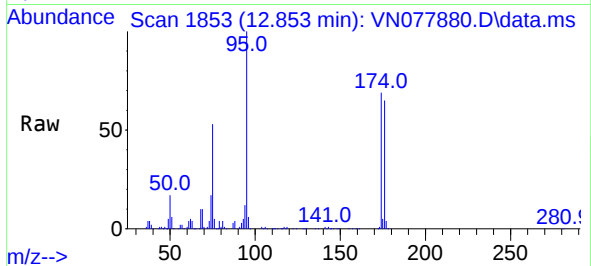




#71
Bromoform
Concen: 0.540 ug/l
RT: 12.853 min Scan# 1807
Delta R.T. 0.271 min
Lab File: VN077880.D
Acq: 25 May 2023 04:35

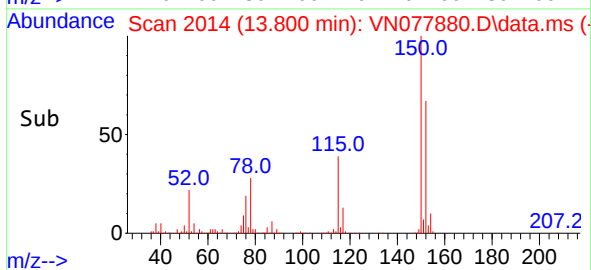
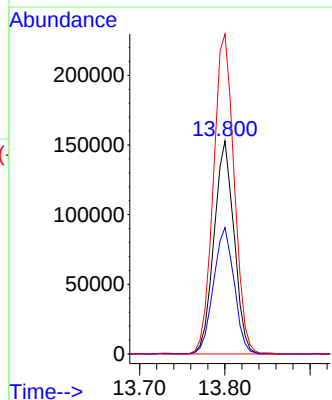
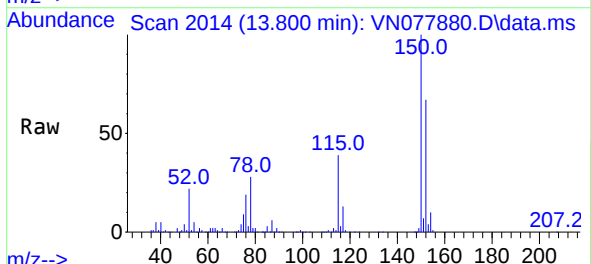
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-45-051823

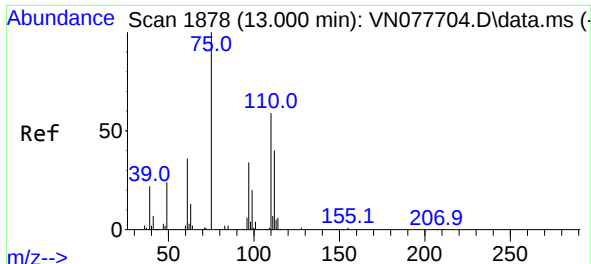
Tgt Ion:173 Resp: 1873
Ion Ratio Lower Upper
173 100
175 0.0 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.000 min
Lab File: VN077880.D
Acq: 25 May 2023 04:35

Tgt Ion:152 Resp: 250024
Ion Ratio Lower Upper
152 100
115 61.1 32.3 96.8
150 155.7 0.0 355.8

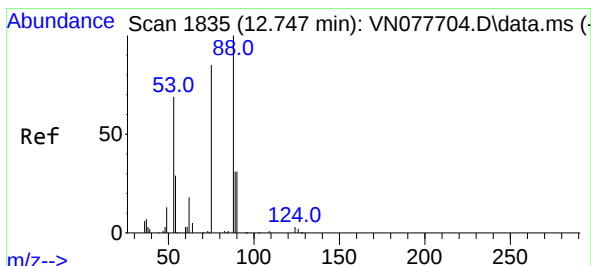
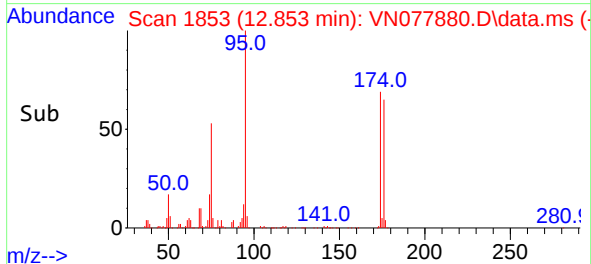
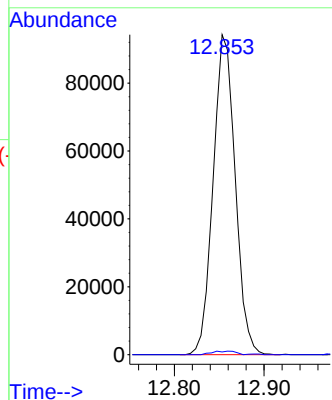
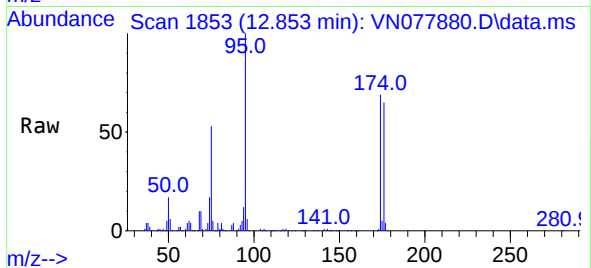




#76
1,2,3-Trichloropropane
Concen: 25.690 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN077880.D
Acq: 25 May 2023 04:35

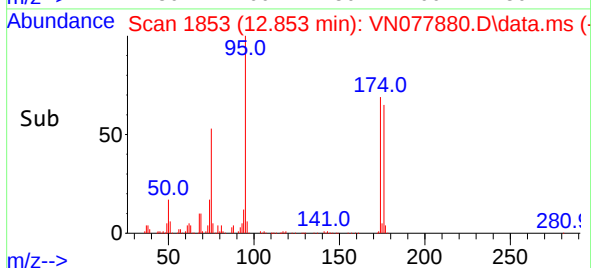
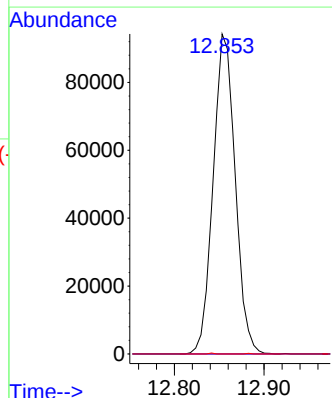
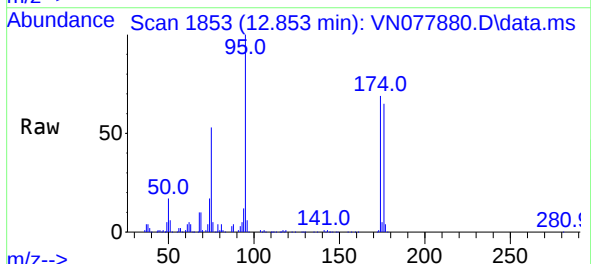
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-45-051823

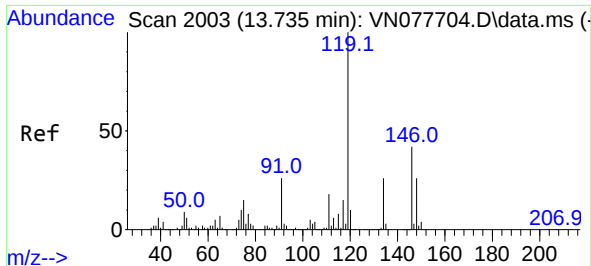
Tgt Ion: 75 Resp: 160859
Ion Ratio Lower Upper
75 100
77 1.2 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.119 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN077880.D
Acq: 25 May 2023 04:35

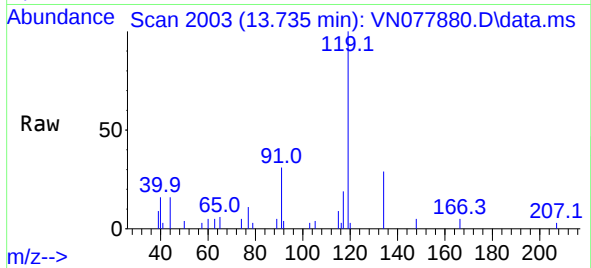
Tgt Ion: 75 Resp: 160859
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.1 38.8 58.2#





#86
p-Isopropyltoluene
Concen: 0.424 ug/l
RT: 13.735 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN077880.D
Acq: 25 May 2023 04:35

Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-45-051823



Tgt Ion:	119	Resp:	7589
Ion	Ratio	Lower	Upper
119	100		
134	27.0	12.6	37.8
91	28.5	12.4	37.2

