

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077888.D
 Acq On : 25 May 2023 07:47
 Operator : JC\MD
 Sample : 02803-01ME
 Misc : 6.17g/10mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CB-14-G1-SO-74-051523ME

Quant Time: May 25 08:34:47 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)

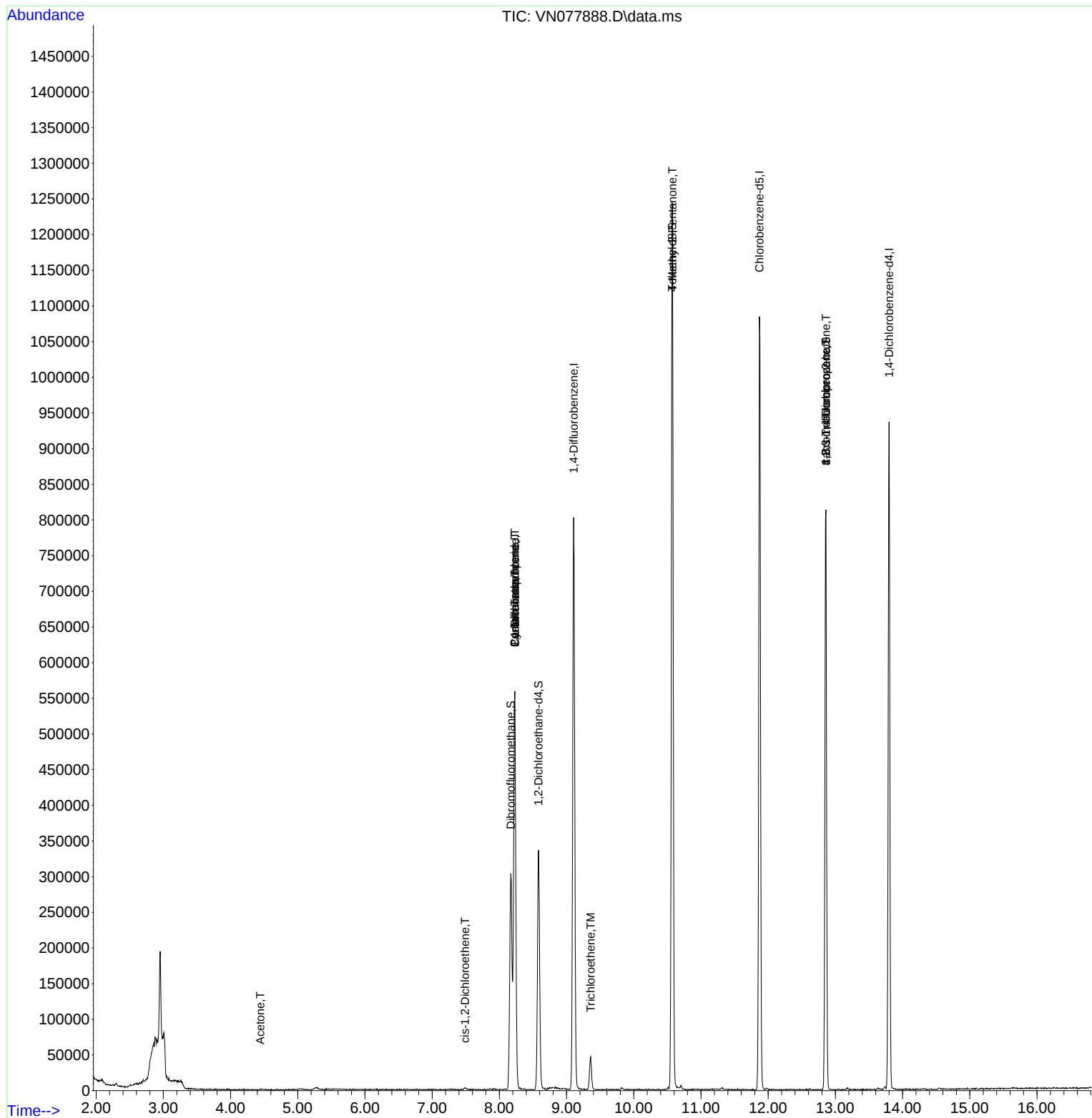
Internal Standards						
1) Pentafluorobenzene	8.230	168	407126	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	742954	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	656846	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	246719	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	270309	44.374	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.740%		
35) Dibromofluoromethane	8.171	113	225755	46.598	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.200%		
50) Toluene-d8	10.571	98	899551	48.239	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.480%		
62) 4-Bromofluorobenzene	12.859	95	296223	44.978	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.960%		
Target Compounds						
3) Chloromethane	2.365	50	730	Below Cal	Qvalue 95	
13) Acrolein	4.183	56	64	Below Cal	# 26	
16) Acetone	4.442	43	671	0.350 ug/l	# 40	
20) Methylene Chloride	5.265	84	1286	Below Cal	# 56	
27) cis-1,2-Dichloroethene	7.489	96	1554	0.269 ug/l	75	
31) Cyclohexane	8.230	56	9366	1.131 ug/l	# 8	
36) 1,1-Dichloropropene	8.230	75	33027	4.661 ug/l	# 49	
38) Carbon Tetrachloride	8.230	117	45364	6.340 ug/l	# 15	
44) Trichloroethene	9.359	130	17102	3.230 ug/l	97	
51) 4-Methyl-2-Pentanone	10.577	43	3214	0.524 ug/l	# 1	
76) 1,2,3-Trichloropropane	12.859	75	150427	24.346 ug/l	# 1	
81) trans-1,4-Dichloro-2-b...	12.859	75	150427	77.822 ug/l	# 15	

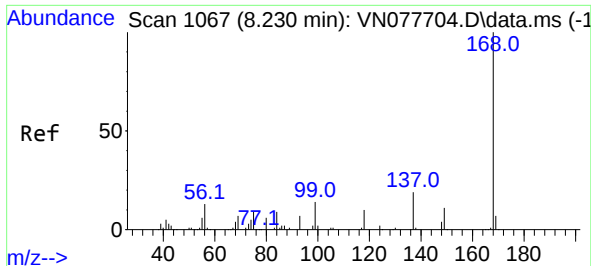
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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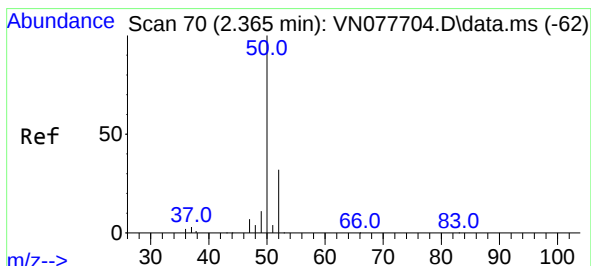
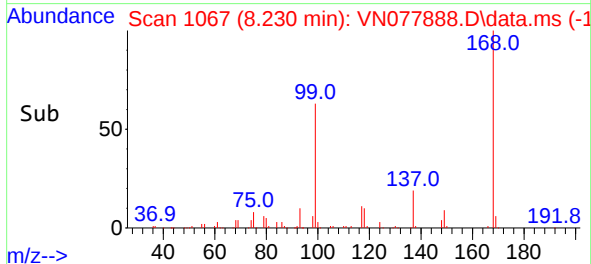
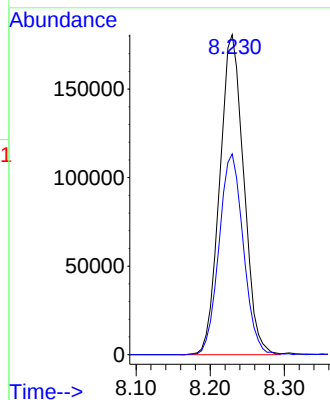
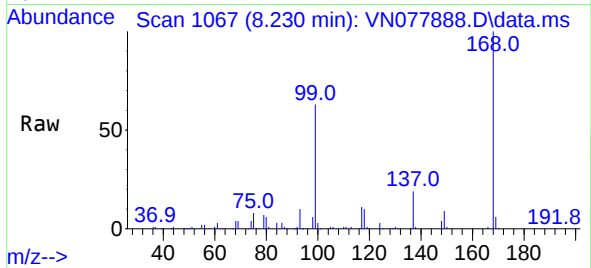




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077888.D
Acq: 25 May 2023 07:47

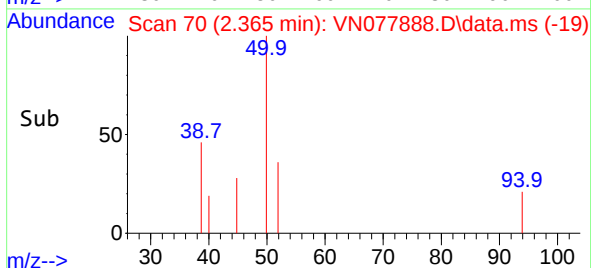
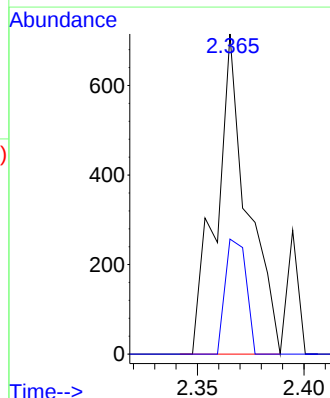
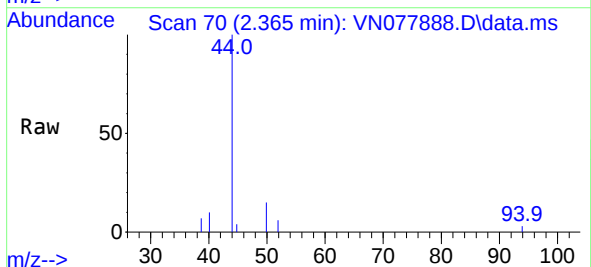
Instrument :
MSVOA_N
ClientSampleId :
CB-14-G1-SO-74-051523ME

Tgt Ion:168 Resp: 407126
Ion Ratio Lower Upper
168 100
99 62.8 53.0 79.6

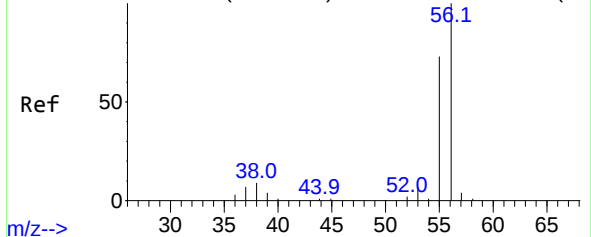


#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN077888.D
Acq: 25 May 2023 07:47

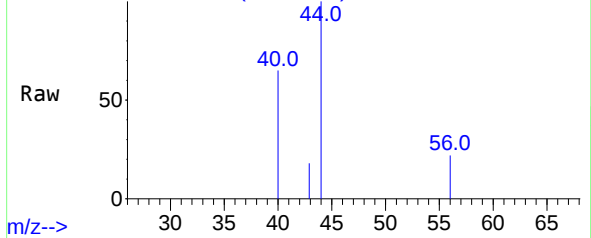
Tgt Ion: 50 Resp: 730
Ion Ratio Lower Upper
50 100
52 35.9 26.5 39.7



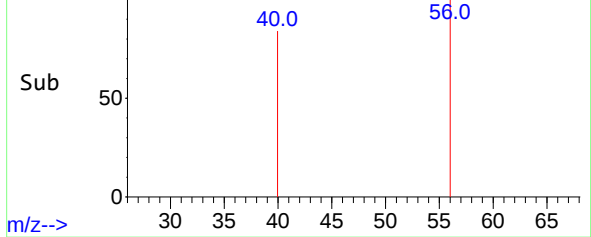
Abundance Scan 379 (4.183 min): VN077704.D\data.ms (-36



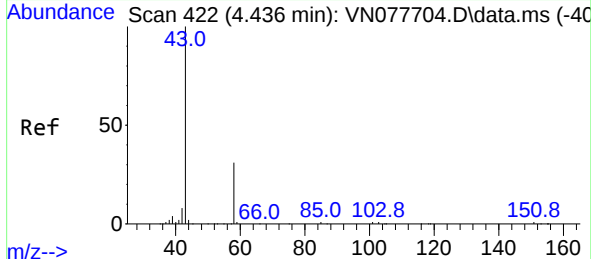
m/z--> Scan 379 (4.183 min): VN077888.D\data.ms



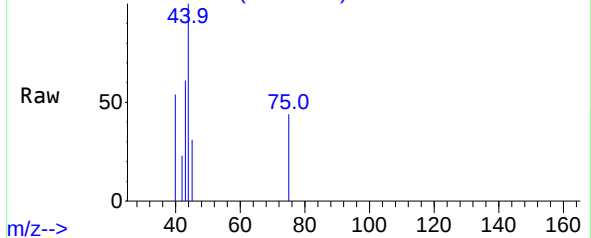
m/z--> Abundance Scan 379 (4.183 min): VN077888.D\data.ms (-32



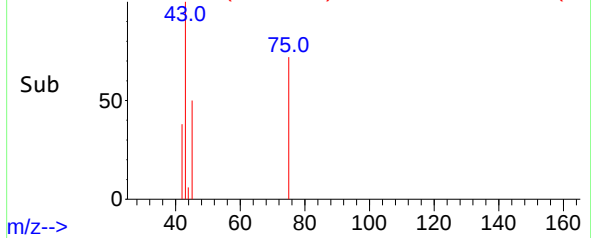
m/z--> Abundance Scan 422 (4.436 min): VN077704.D\data.ms (-40



m/z--> Abundance Scan 423 (4.442 min): VN077888.D\data.ms



m/z--> Abundance Scan 423 (4.442 min): VN077888.D\data.ms (-37



m/z--> Abundance

#13

Acrolein

Concen: Below Cal

RT: 4.183 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN077888.D

Acq: 25 May 2023 07:47

Instrument :

MSVOA_N

ClientSampleId :

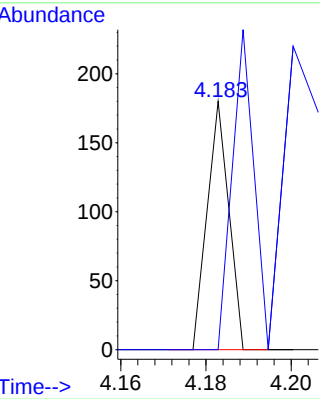
CB-14-G1-SO-74-051523ME

Tgt Ion: 56 Resp: 64

Ion Ratio Lower Upper

56 100

55 128.1 54.5 81.7#



#16

Acetone

Concen: 0.350 ug/l

RT: 4.442 min Scan# 423

Delta R.T. 0.012 min

Lab File: VN077888.D

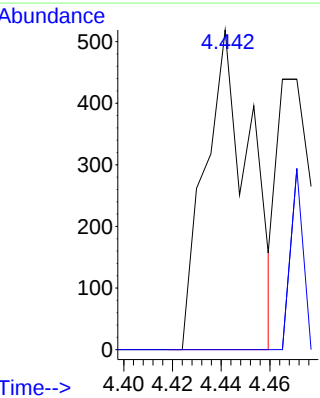
Acq: 25 May 2023 07:47

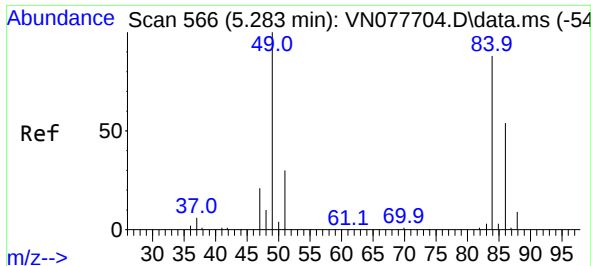
Tgt Ion: 43 Resp: 671

Ion Ratio Lower Upper

43 100

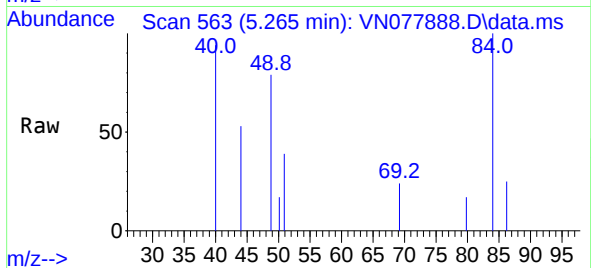
58 0.0 28.0 42.0#





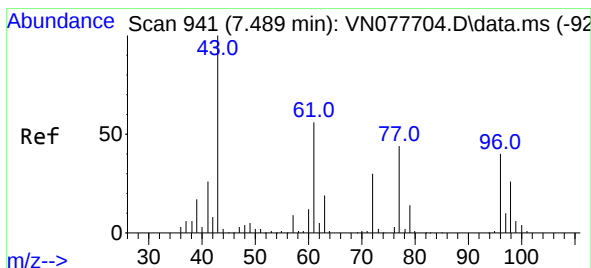
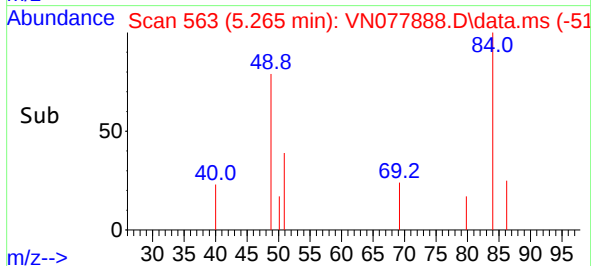
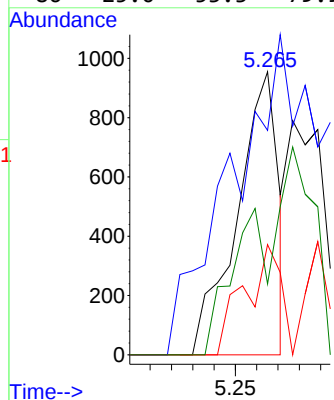
#20
Methylene Chloride
Concen: Below Cal
RT: 5.265 min Scan# 51
Delta R.T. -0.018 min
Lab File: VN077888.D
Acq: 25 May 2023 07:47

Instrument :
MSVOA_N
ClientSampleId :
CB-14-G1-SO-74-051523ME



Tgt Ion: 84 Resp: 1286

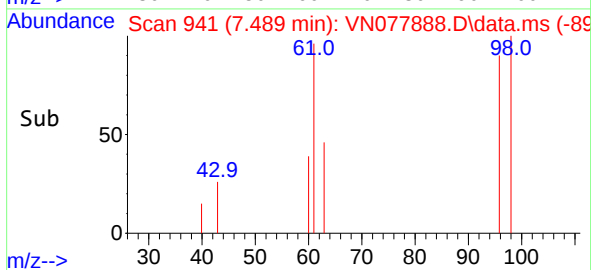
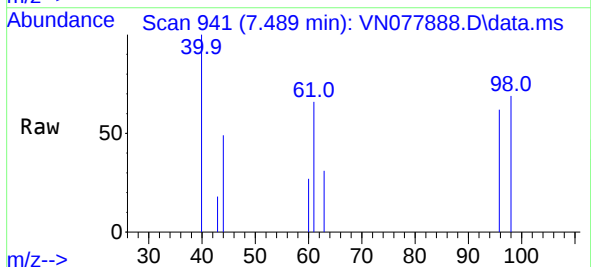
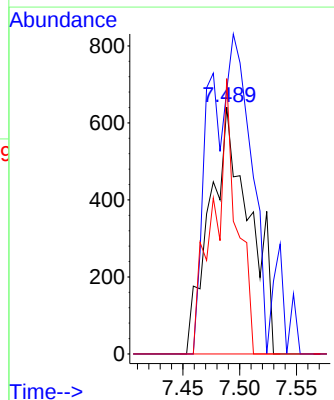
Ion	Ratio	Lower	Upper
84	100		
49	50.9	79.7	119.5#
51	39.0	25.2	37.8#
86	25.0	53.3	79.9#

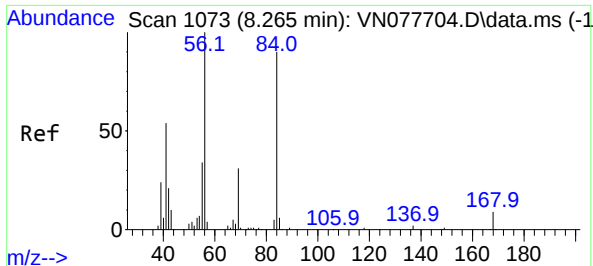


#27
cis-1,2-Dichloroethene
Concen: 0.269 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN077888.D
Acq: 25 May 2023 07:47

Tgt Ion: 96 Resp: 1554

Ion	Ratio	Lower	Upper
96	100		
61	84.2	0.0	255.2
98	65.4	0.0	128.8

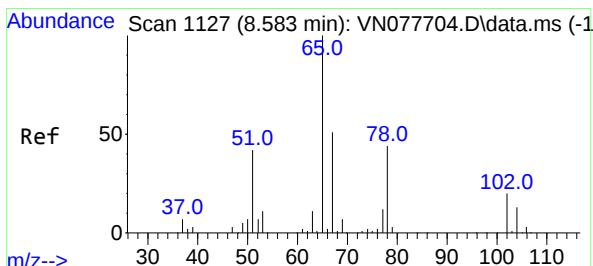
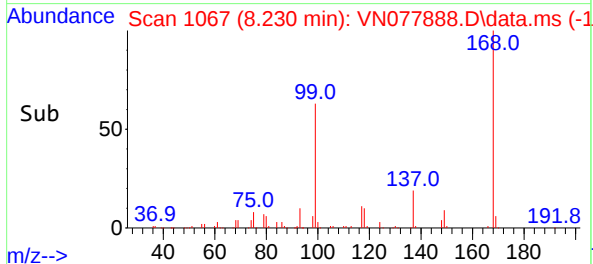
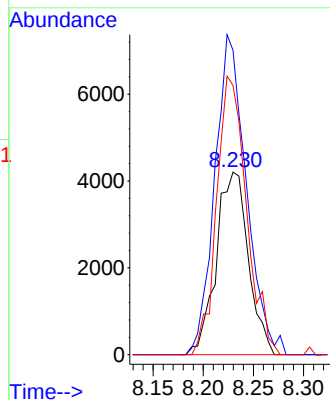
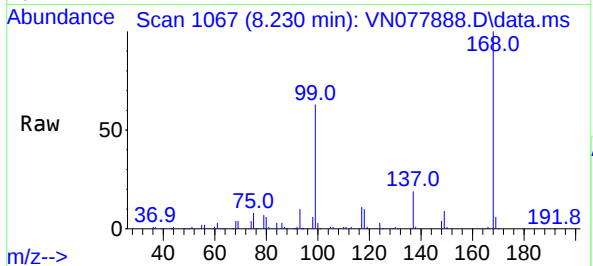




#31
Cyclohexane
Concen: 1.131 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN077888.D
Acq: 25 May 2023 07:47

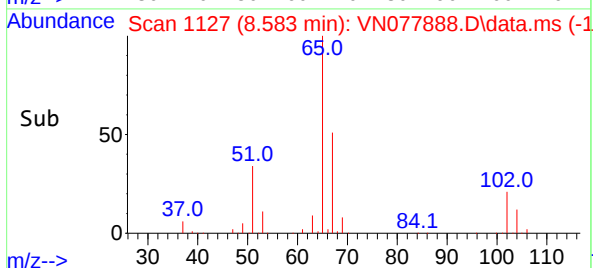
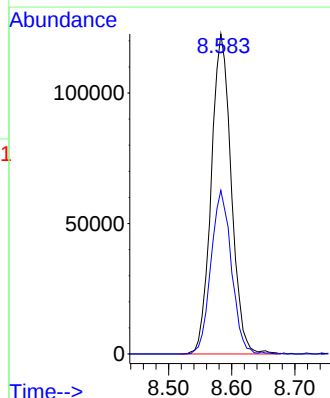
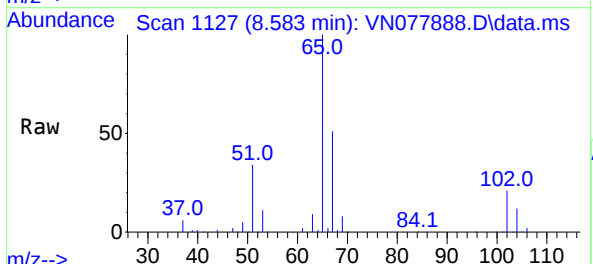
Instrument :
MSVOA_N
ClientSampleId :
CB-14-G1-SO-74-051523ME

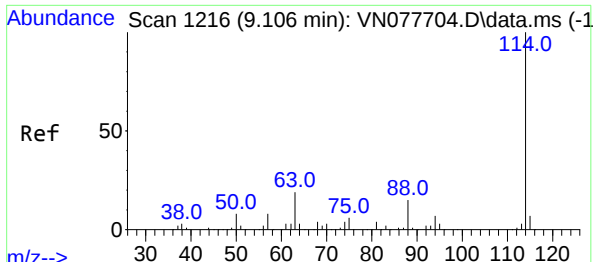
Tgt Ion: 56 Resp: 9366
Ion Ratio Lower Upper
56 100
69 166.8 26.8 40.2#
84 147.5 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 44.374 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN077888.D
Acq: 25 May 2023 07:47

Tgt Ion: 65 Resp: 270309
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.6



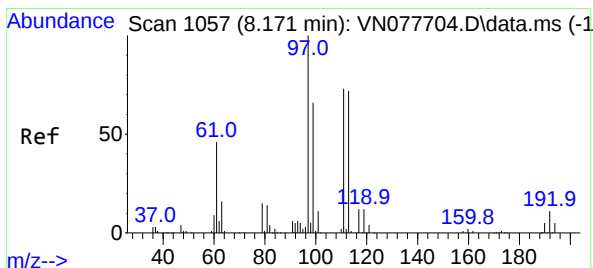
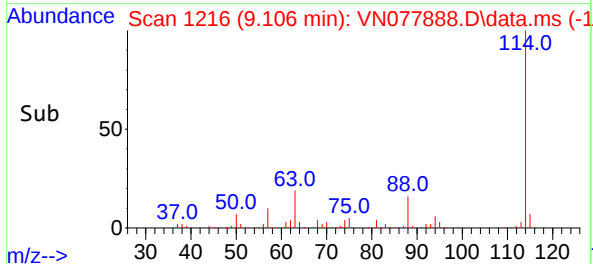
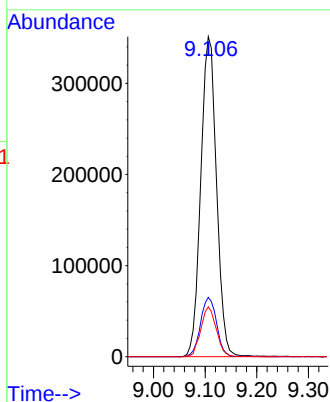
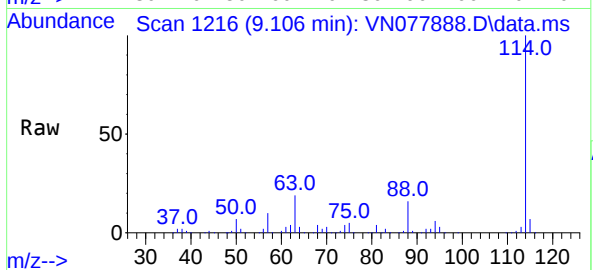


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077888.D
Acq: 25 May 2023 07:47

Instrument :
MSVOA_N
ClientSampleId :
CB-14-G1-SO-74-051523ME

Tgt Ion:114 Resp: 742954

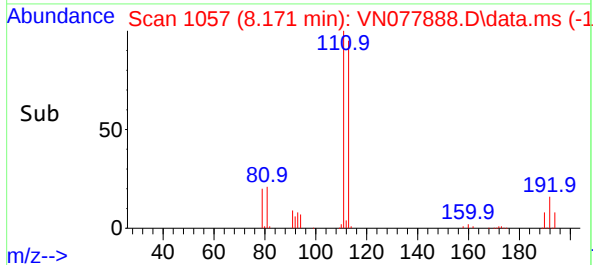
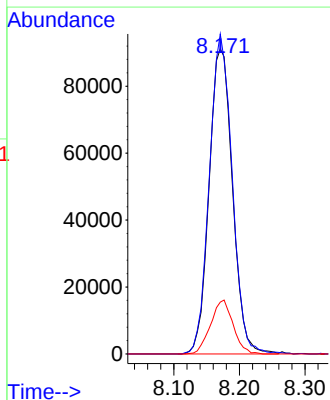
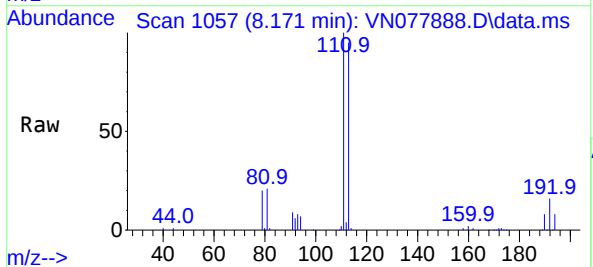
Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	36.4
88	15.6	0.0	30.6

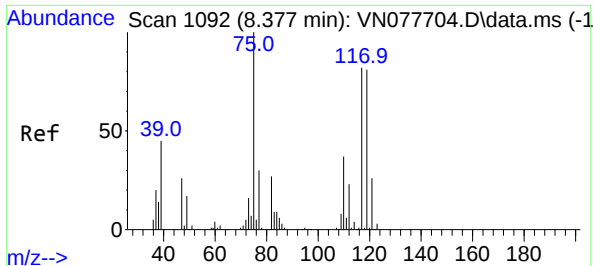


#35
Dibromofluoromethane
Concen: 46.598 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077888.D
Acq: 25 May 2023 07:47

Tgt Ion:113 Resp: 225755

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.6	123.8
192	17.0	12.7	19.1

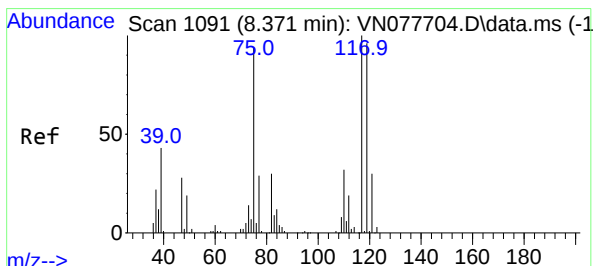
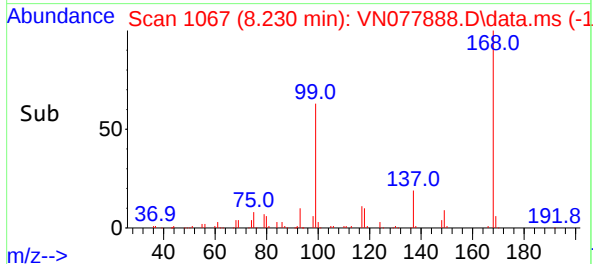
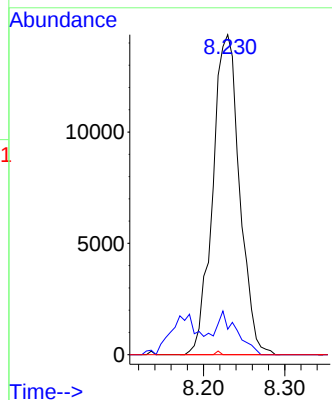
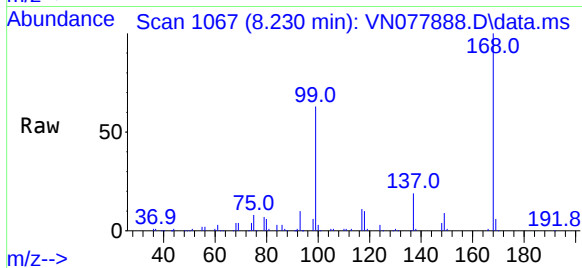




#36
1,1-Dichloropropene
Concen: 4.661 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN077888.D
Acq: 25 May 2023 07:47

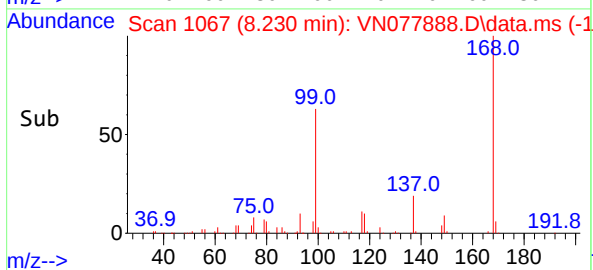
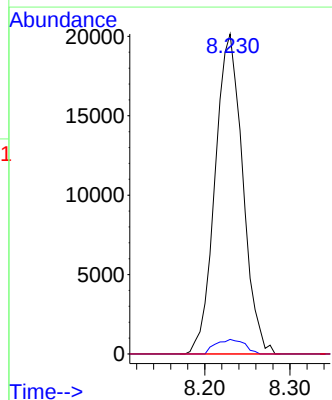
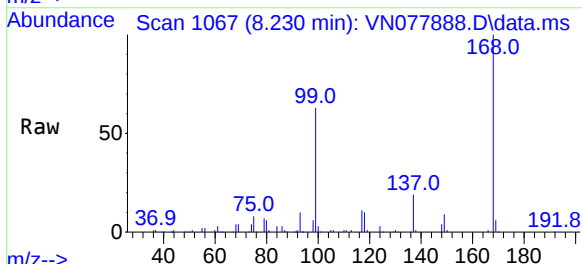
Instrument :
MSVOA_N
ClientSampleId :
CB-14-G1-SO-74-051523ME

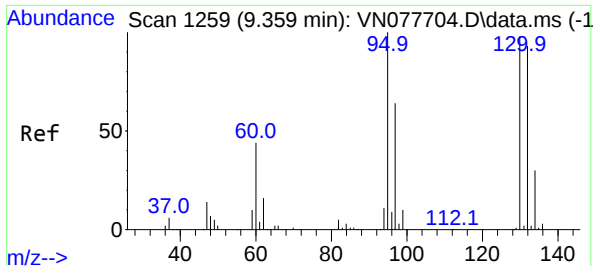
Tgt Ion: 75 Resp: 33027
Ion Ratio Lower Upper
75 100
110 9.5 19.1 57.3#
77 0.2 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.340 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN077888.D
Acq: 25 May 2023 07:47

Tgt Ion: 117 Resp: 45364
Ion Ratio Lower Upper
117 100
119 4.5 77.3 115.9#
121 0.0 23.3 34.9#





#44

Trichloroethene

Concen: 3.230 ug/l

RT: 9.359 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077888.D

Acq: 25 May 2023 07:47

Instrument :

MSVOA_N

ClientSampleId :

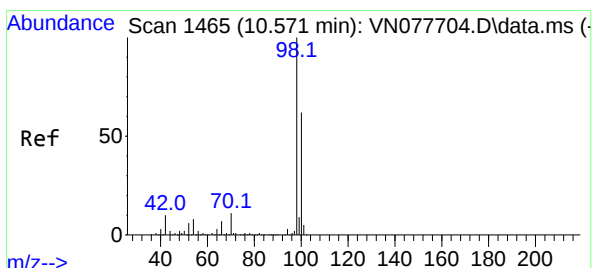
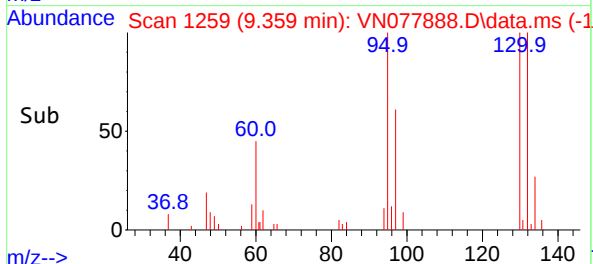
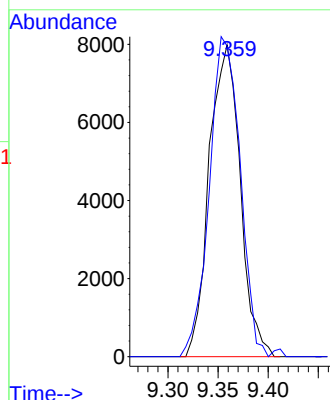
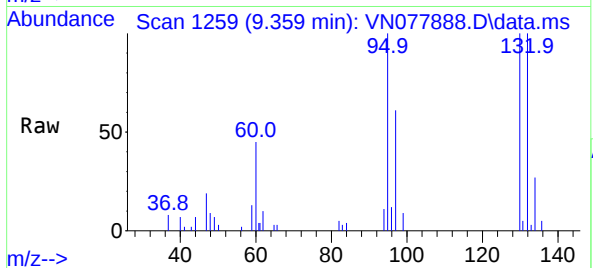
CB-14-G1-SO-74-051523ME

Tgt Ion:130 Resp: 17102

Ion Ratio Lower Upper

130 100

95 99.7 0.0 204.6



#50

Toluene-d8

Concen: 48.239 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN077888.D

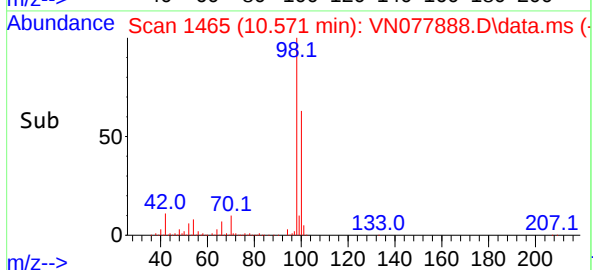
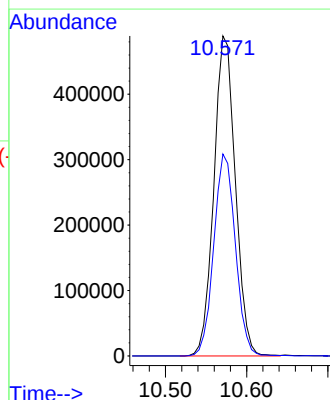
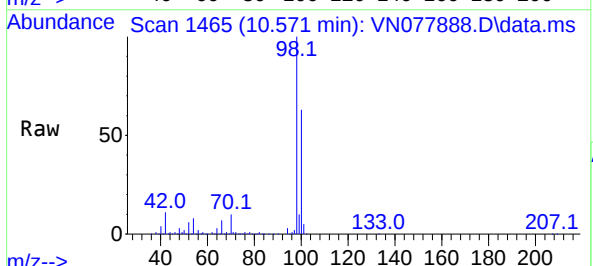
Acq: 25 May 2023 07:47

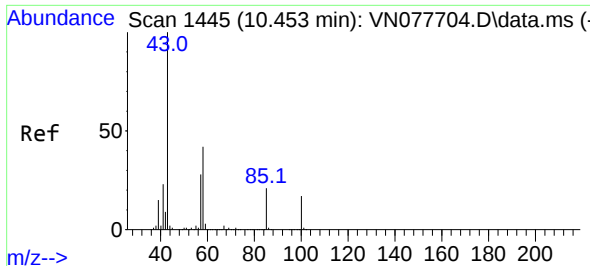
Tgt Ion: 98 Resp: 899551

Ion Ratio Lower Upper

98 100

100 63.5 52.0 78.0

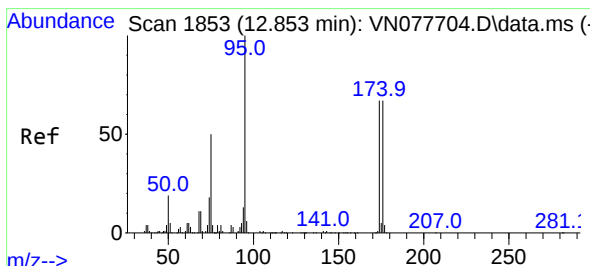
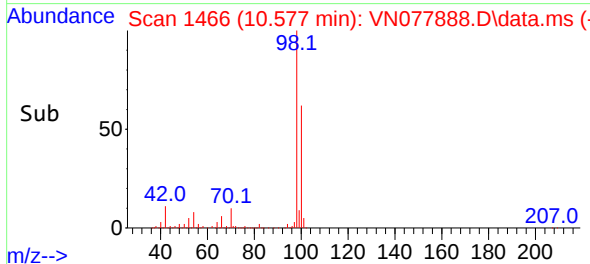
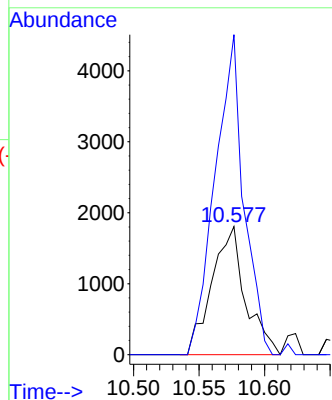
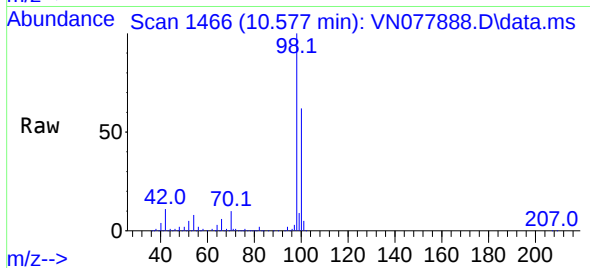




#51
4-Methyl-2-Pentanone
Concen: 0.524 ug/l
RT: 10.577 min Scan# 1445
Delta R.T. 0.130 min
Lab File: VN077888.D
Acq: 25 May 2023 07:47

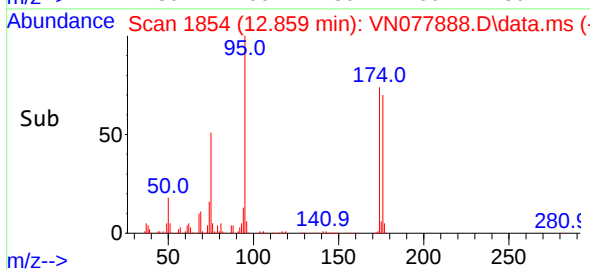
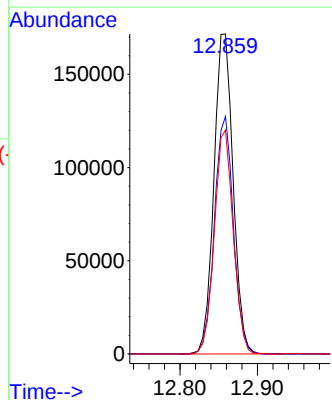
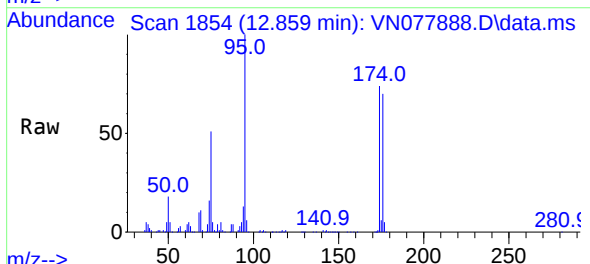
Instrument :
MSVOA_N
ClientSampleId :
CB-14-G1-SO-74-051523ME

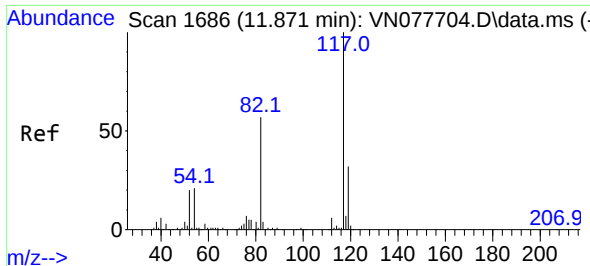
Tgt Ion: 43 Resp: 3214
Ion Ratio Lower Upper
43 100
58 214.5 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 44.978 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077888.D
Acq: 25 May 2023 07:47

Tgt Ion: 95 Resp: 296223
Ion Ratio Lower Upper
95 100
174 73.3 0.0 143.8
176 68.7 0.0 135.8

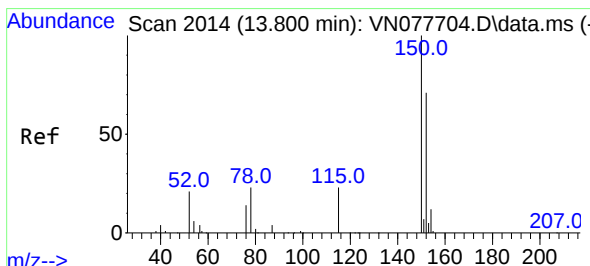
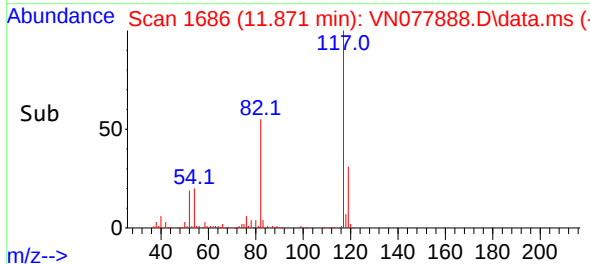
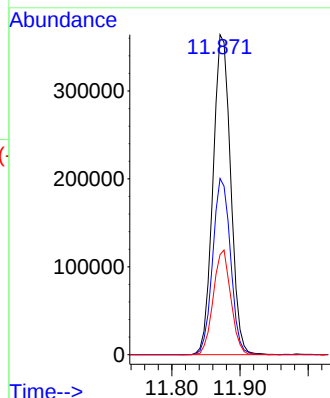
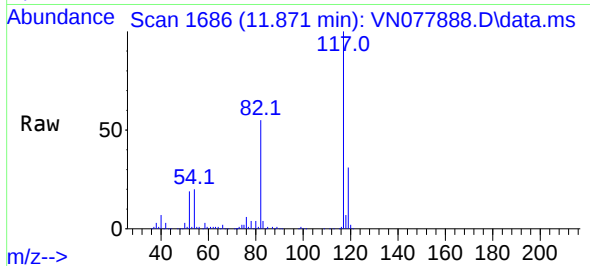




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077888.D
Acq: 25 May 2023 07:47

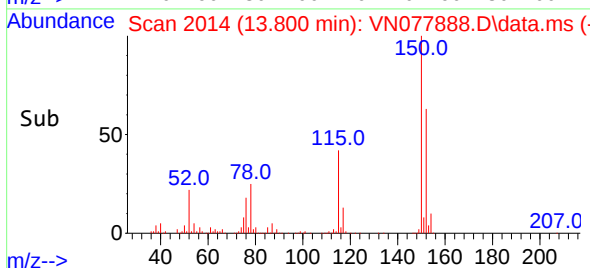
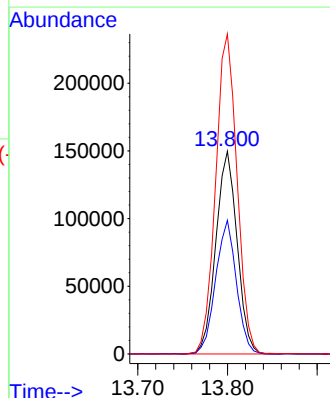
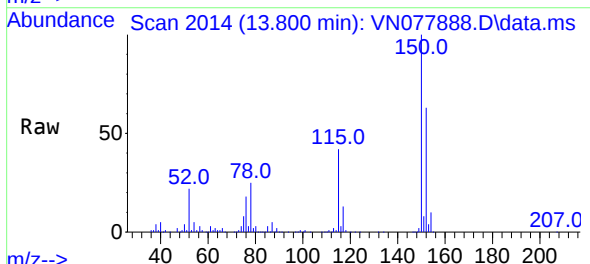
Instrument :
MSVOA_N
ClientSampleId :
CB-14-G1-SO-74-051523ME

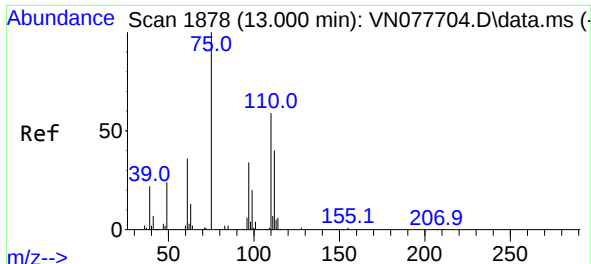
Tgt Ion:117 Resp: 656846
Ion Ratio Lower Upper
117 100
82 55.0 44.0 66.0
119 31.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077888.D
Acq: 25 May 2023 07:47

Tgt Ion:152 Resp: 246719
Ion Ratio Lower Upper
152 100
115 64.3 32.3 96.8
150 158.6 0.0 355.8

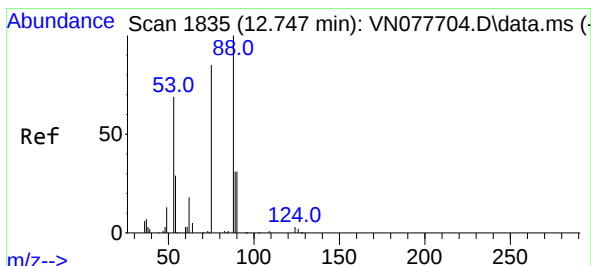
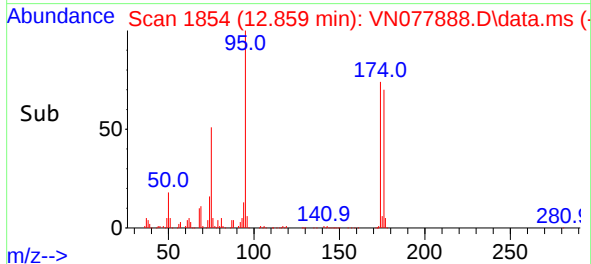
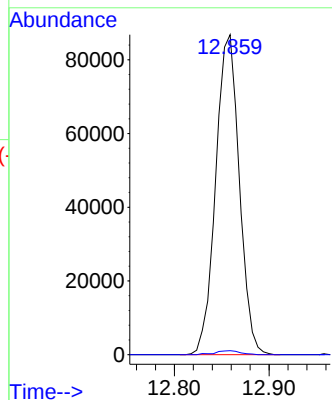
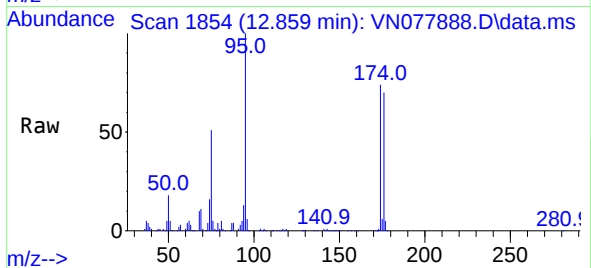




#76
1,2,3-Trichloropropane
Concen: 24.346 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. -0.141 min
Lab File: VN077888.D
Acq: 25 May 2023 07:47

Instrument :
MSVOA_N
ClientSampleId :
CB-14-G1-SO-74-051523ME

Tgt Ion: 75 Resp: 150427
Ion Ratio Lower Upper
75 100
77 1.3 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.822 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.118 min
Lab File: VN077888.D
Acq: 25 May 2023 07:47

Tgt Ion: 75 Resp: 150427
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

