

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051923\
 Data File : VN077764.D
 Acq On : 19 May 2023 15:13
 Operator : JC\MD
 Sample : 02834-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D3-20230516

Quant Time: May 29 09:49:15 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)

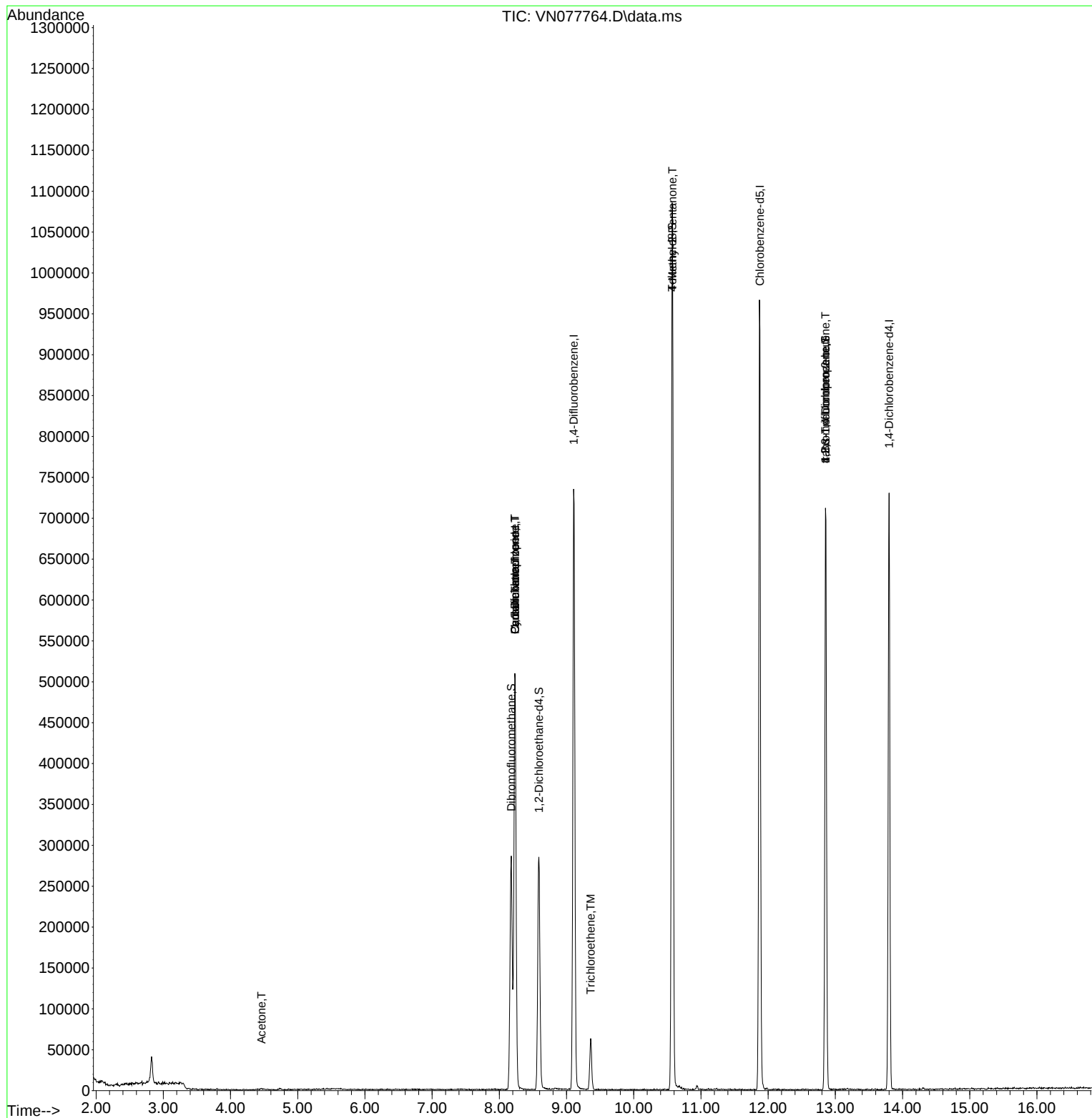
Internal Standards						
1) Pentafluorobenzene	8.236	168	367599	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	651410	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.876	117	564676	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	196923	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	244230	44.404	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.800%		
35) Dibromofluoromethane	8.177	113	206406	48.592	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.180%		
50) Toluene-d8	10.571	98	793591	48.538	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.080%		
62) 4-Bromofluorobenzene	12.853	95	259911	45.010	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.020%		
Target Compounds						
3) Chloromethane	2.365	50	1224	Below Cal	Qvalue 96	
13) Acrolein	4.201	56	433	Below Cal	# 35	
16) Acetone	4.459	43	2115	1.222 ug/l	# 82	
20) Methylene Chloride	5.277	84	93	Below Cal	# 63	
31) Cyclohexane	8.236	56	8176	1.094 ug/l	# 30	
36) 1,1-Dichloropropene	8.230	75	31746	5.110 ug/l	# 49	
38) Carbon Tetrachloride	8.236	117	39502	6.296 ug/l	# 15	
44) Trichloroethene	9.359	130	22861	4.924 ug/l	96	
51) 4-Methyl-2-Pentanone	10.577	43	3672	0.683 ug/l	# 1	
76) 1,2,3-Trichloropropane	12.853	75	137185	27.817 ug/l	# 1	
81) trans-1,4-Dichloro-2-b...	12.853	75	137185	88.918 ug/l	# 15	

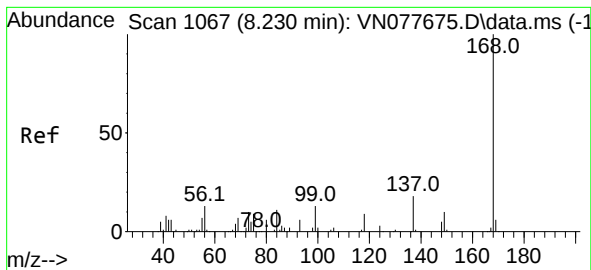
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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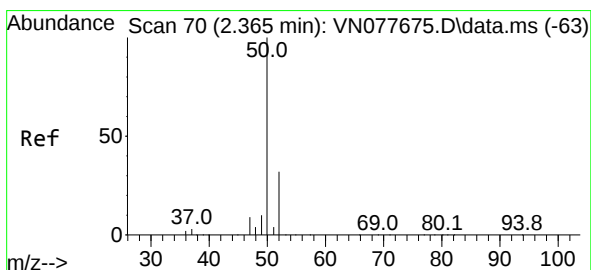
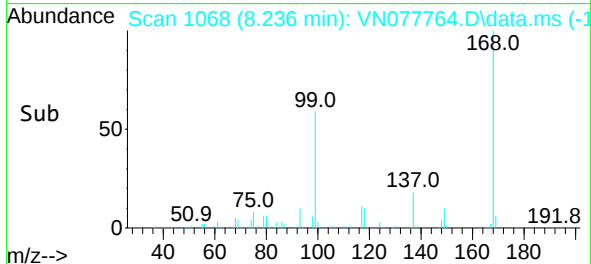
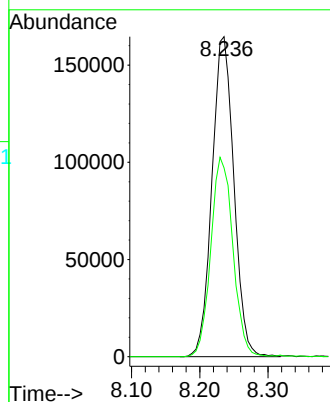
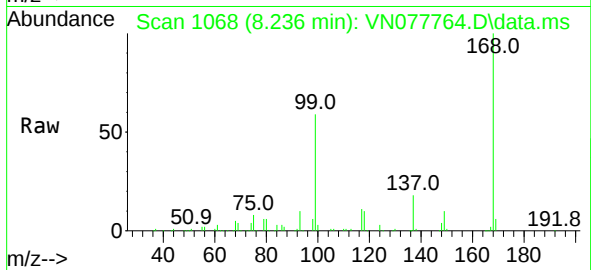




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN077764.D
Acq: 19 May 2023 15:13

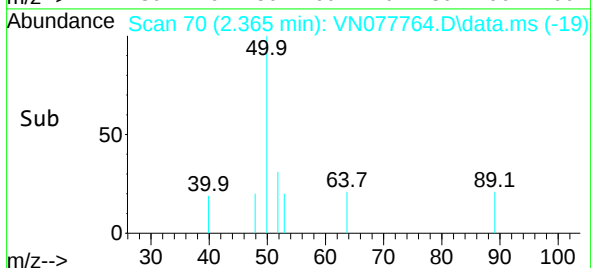
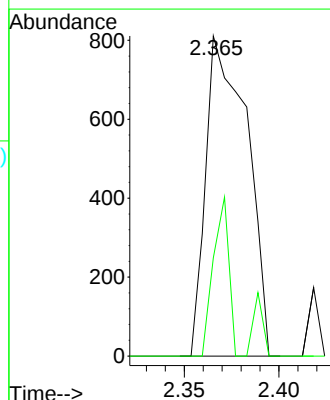
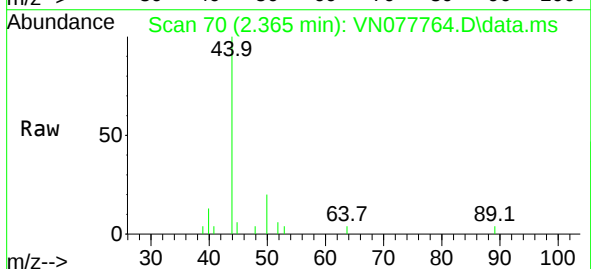
Instrument :
MSVOA_N
ClientSampleId :
RE120D3-20230516

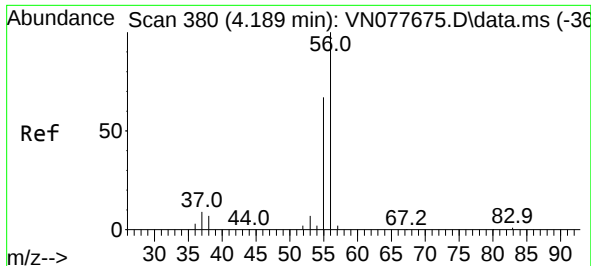
Tgt Ion:168 Resp: 367599
Ion Ratio Lower Upper
168 100
99 59.0 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN077764.D
Acq: 19 May 2023 15:13

Tgt Ion: 50 Resp: 1224
Ion Ratio Lower Upper
50 100
52 30.7 26.5 39.7

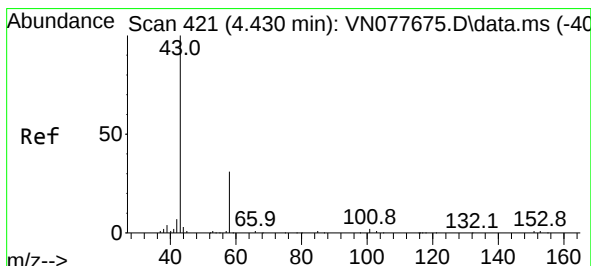
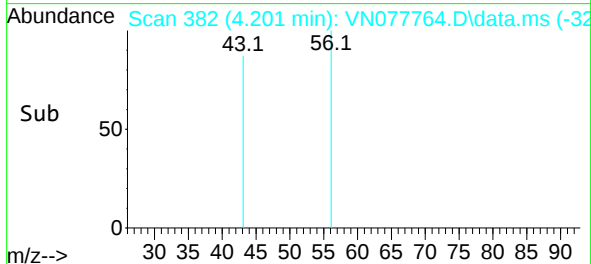
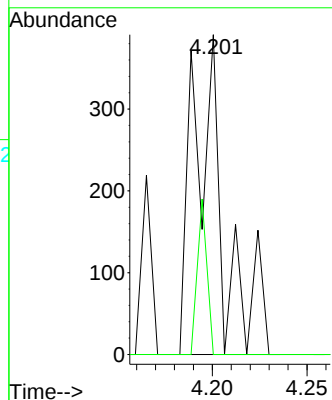
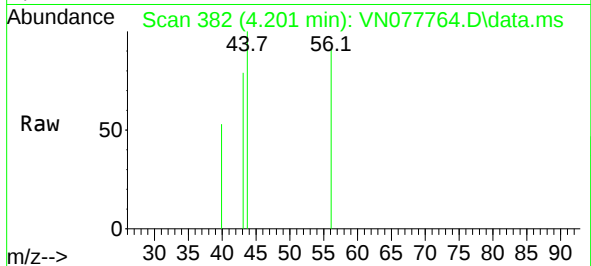




#13
Acrolein
Concen: Below Cal
RT: 4.201 min Scan# 382
Delta R.T. 0.012 min
Lab File: VN077764.D
Acq: 19 May 2023 15:13

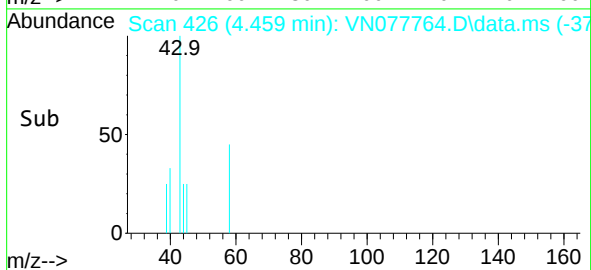
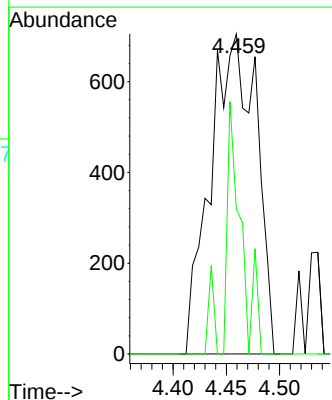
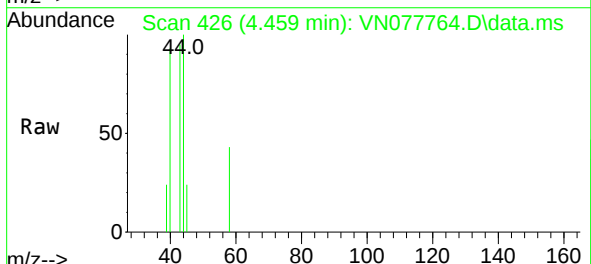
Instrument :
MSVOA_N
ClientSampleId :
RE120D3-20230516

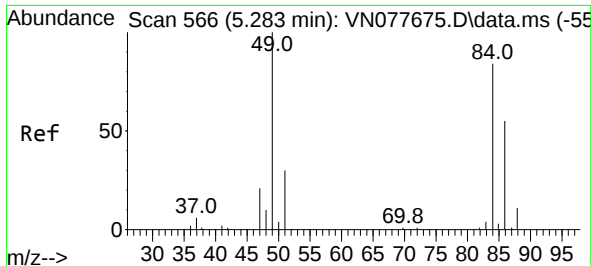
Tgt Ion: 56 Resp: 433
Ion Ratio Lower Upper
56 100
55 15.5 54.5 81.7#



#16
Acetone
Concen: 1.222 ug/l
RT: 4.459 min Scan# 426
Delta R.T. 0.029 min
Lab File: VN077764.D
Acq: 19 May 2023 15:13

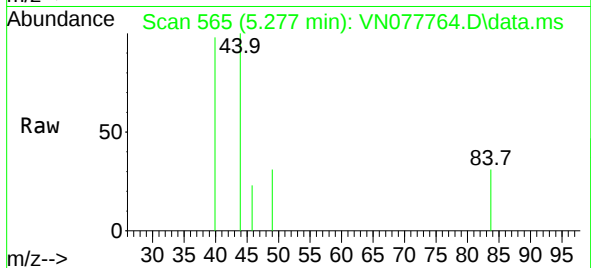
Tgt Ion: 43 Resp: 2115
Ion Ratio Lower Upper
43 100
58 45.2 28.0 42.0#



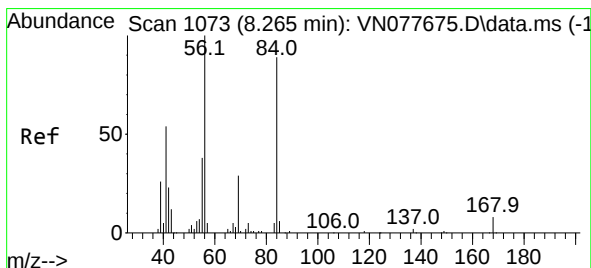
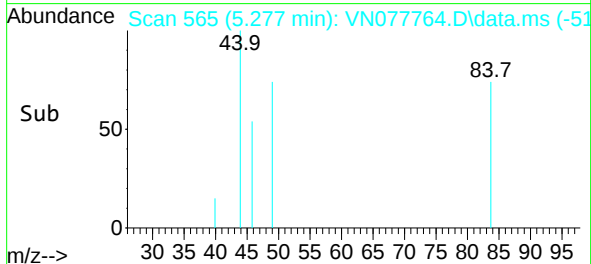
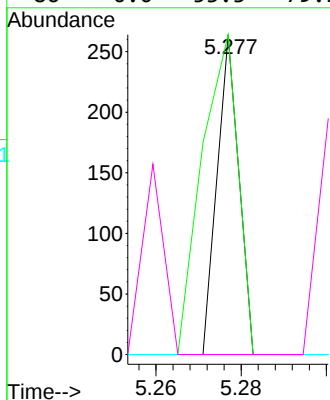


#20
Methylene Chloride
Concen: Below Cal
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN077764.D
Acq: 19 May 2023 15:13

Instrument :
MSVOA_N
ClientSampleId :
RE120D3-20230516

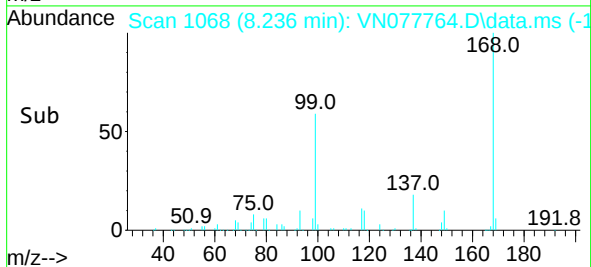
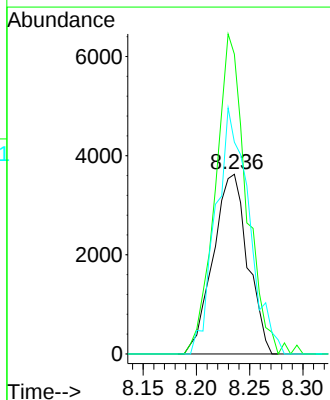
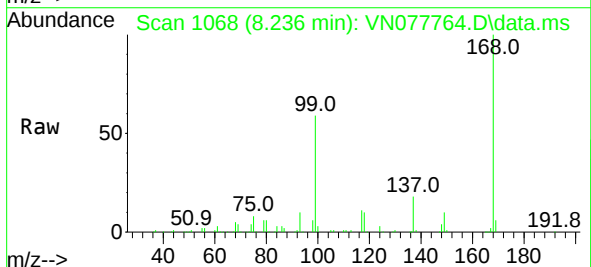


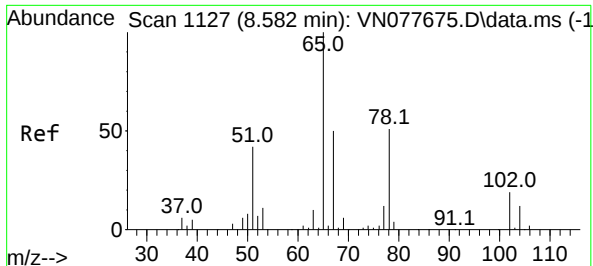
Tgt Ion:	84	Resp:	93
Ion	Ratio	Lower	Upper
84	100		
49	100.0	79.7	119.5
51	0.0	25.2	37.8#
86	0.0	53.3	79.9#



#31
Cyclohexane
Concen: 1.094 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.029 min
Lab File: VN077764.D
Acq: 19 May 2023 15:13

Tgt Ion:	56	Resp:	8176
Ion	Ratio	Lower	Upper
56	100		
69	166.9	26.8	40.2#
84	118.0	81.8	122.6





#33

1,2-Dichloroethane-d4

Concen: 44.404 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN077764.D

Acq: 19 May 2023 15:13

Instrument :

MSVOA_N

ClientSampleId :

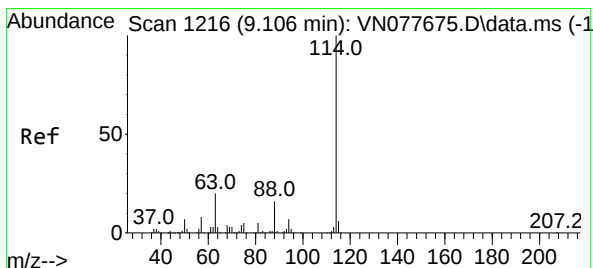
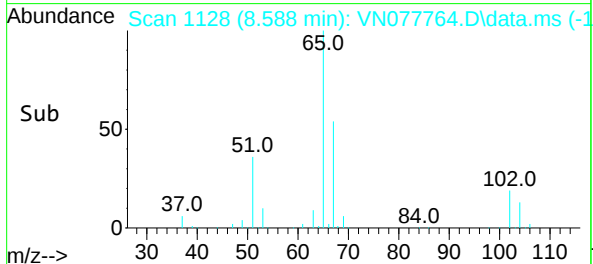
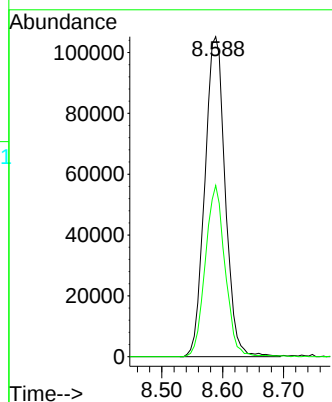
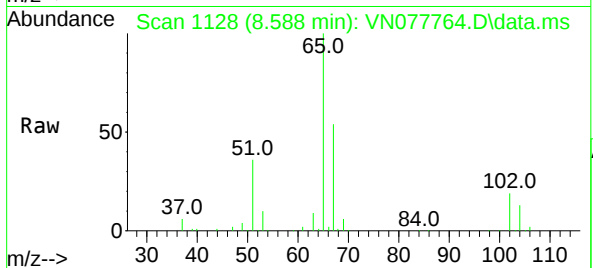
RE120D3-20230516

Tgt Ion: 65 Resp: 244230

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# 1216

Delta R.T. 0.000 min

Lab File: VN077764.D

Acq: 19 May 2023 15:13

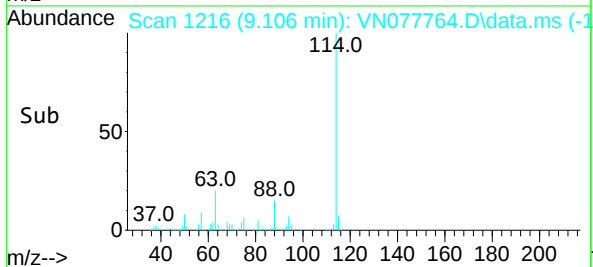
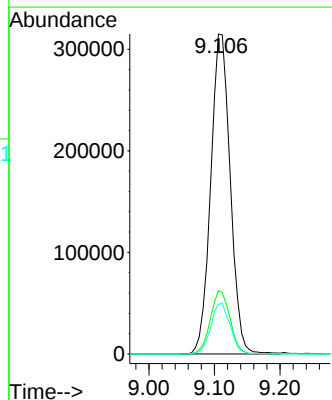
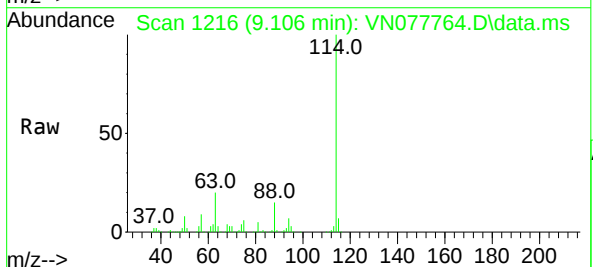
Tgt Ion: 114 Resp: 651410

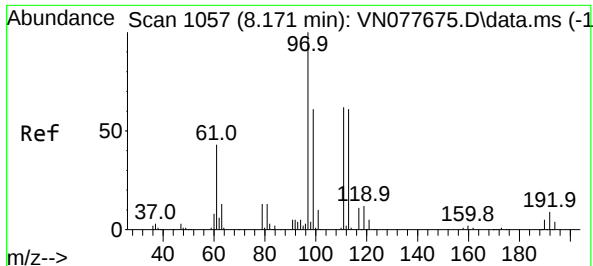
Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.4

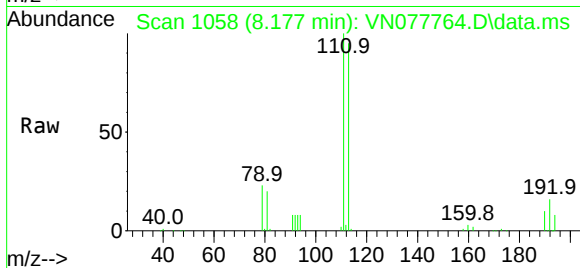
88 15.5 0.0 30.6



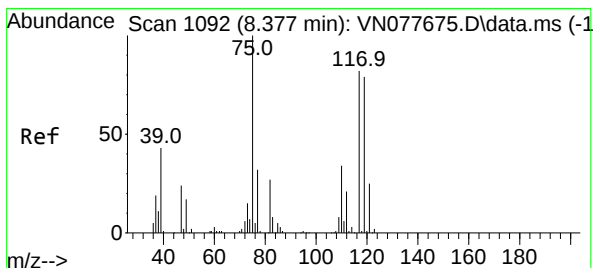
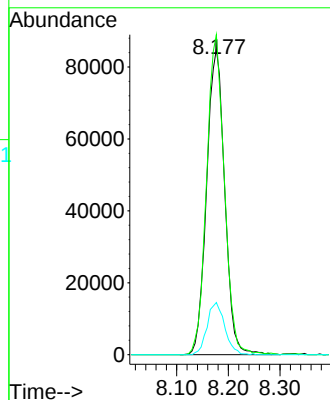
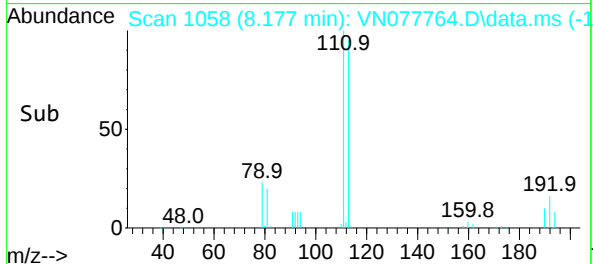


#35
Dibromofluoromethane
Concen: 48.592 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN077764.D
Acq: 19 May 2023 15:13

Instrument :
MSVOA_N
ClientSampleId :
RE120D3-20230516

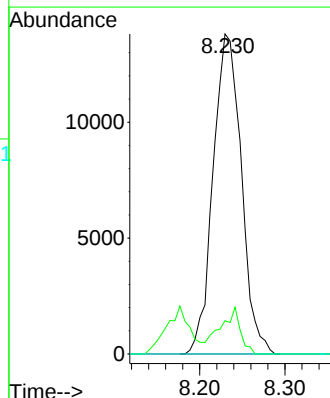
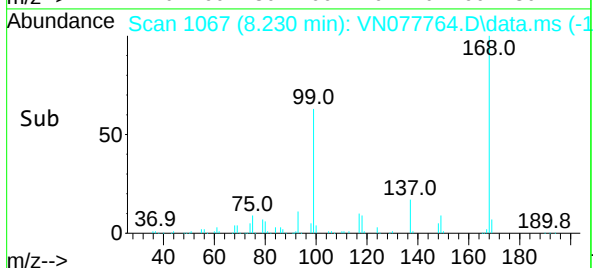
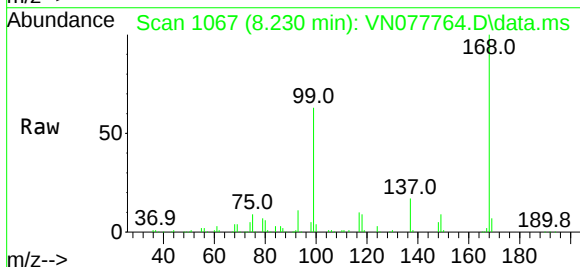


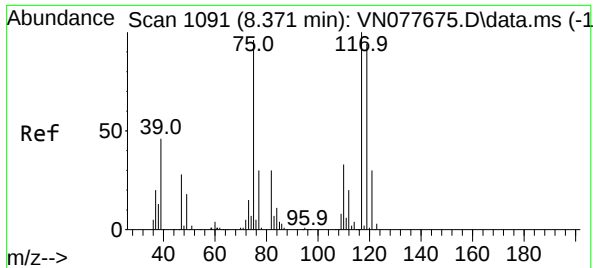
Tgt Ion:113 Resp: 206406
Ion Ratio Lower Upper
113 100
111 102.9 82.6 123.8
192 16.7 12.7 19.1



#36
1,1-Dichloropropene
Concen: 5.110 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN077764.D
Acq: 19 May 2023 15:13

Tgt Ion: 75 Resp: 31746
Ion Ratio Lower Upper
75 100
110 10.4 19.1 57.3#
77 0.0 25.0 37.4#

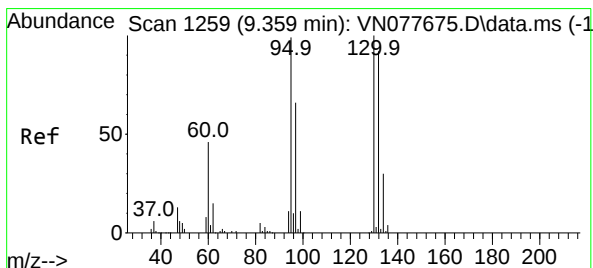
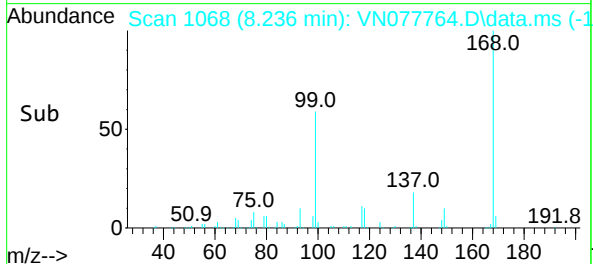
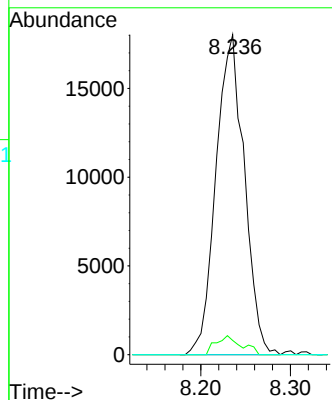
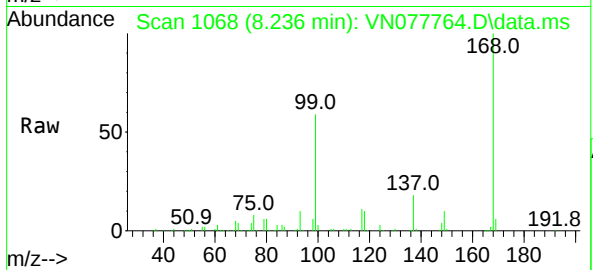




#38
Carbon Tetrachloride
Concen: 6.296 ug/l
RT: 8.236 min Scan# 1091
Delta R.T. -0.135 min
Lab File: VN077675.D
Acq: 19 May 2023 15:13

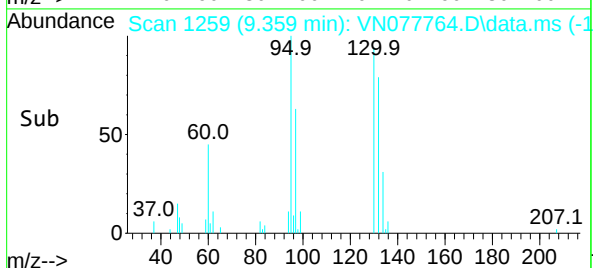
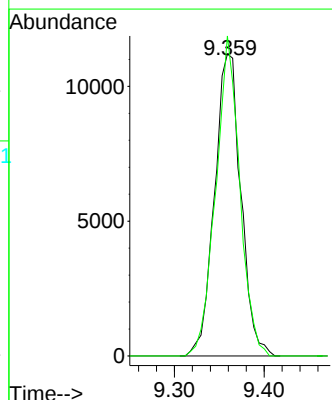
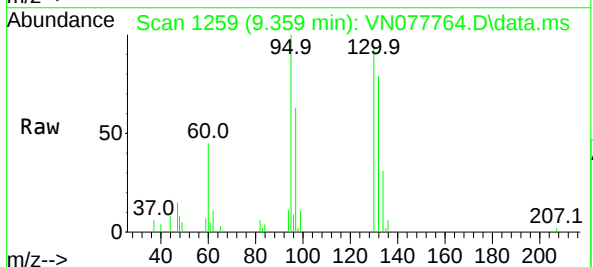
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MSVOA_N
ClientSampleId :
RE120D3-20230516

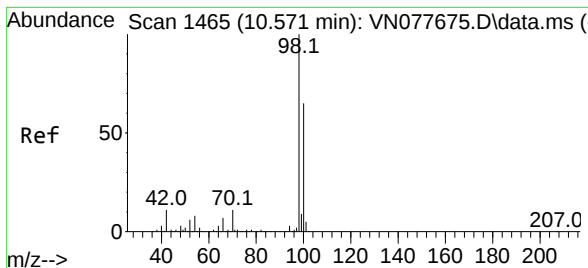
Tgt Ion:117 Resp: 39502
Ion Ratio Lower Upper
117 100
119 4.4 77.3 115.9#
121 0.0 23.3 34.9#



#44
Trichloroethene
Concen: 4.924 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN077764.D
Acq: 19 May 2023 15:13

Tgt Ion:130 Resp: 22861
Ion Ratio Lower Upper
130 100
95 106.0 0.0 204.6





#50

Toluene-d8

Concen: 48.538 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN077764.D

Acq: 19 May 2023 15:13

Instrument :

MSVOA_N

ClientSampleId :

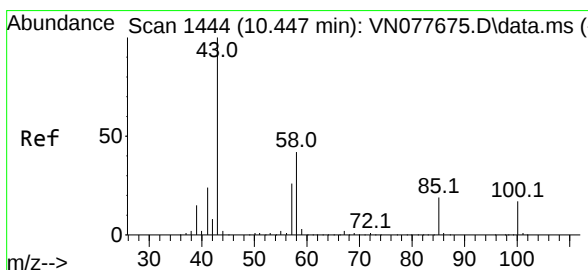
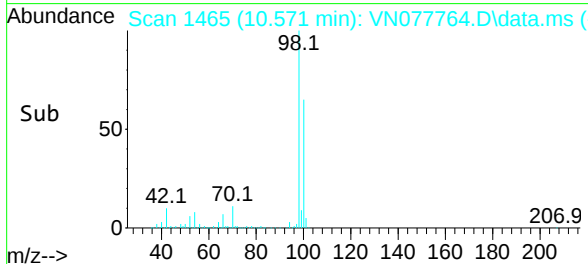
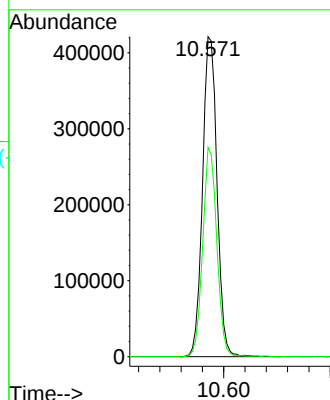
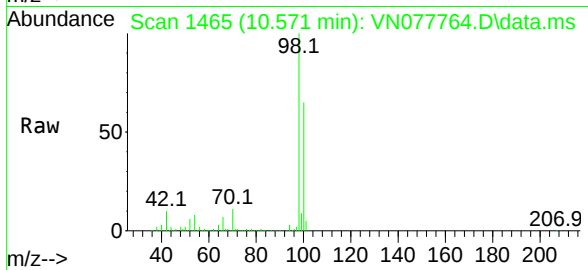
RE120D3-20230516

Tgt Ion: 98 Resp: 793591

Ion Ratio Lower Upper

98 100

100 63.7 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 0.683 ug/l

RT: 10.577 min Scan# 1466

Delta R.T. 0.130 min

Lab File: VN077764.D

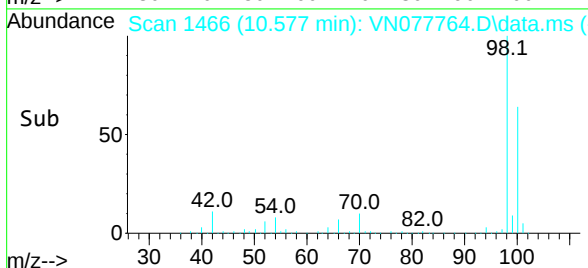
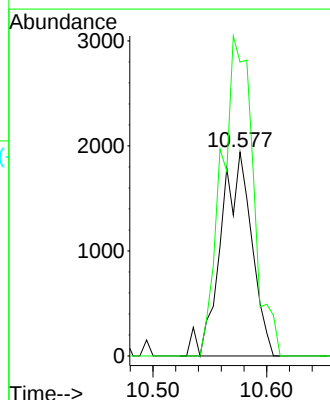
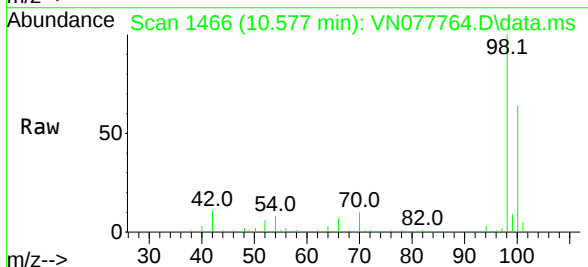
Acq: 19 May 2023 15:13

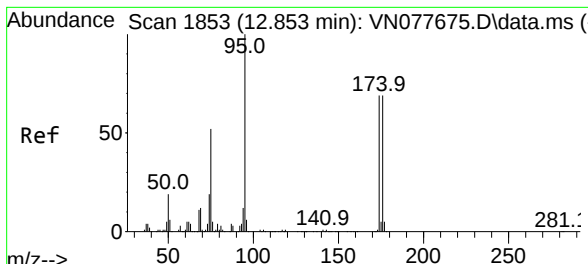
Tgt Ion: 43 Resp: 3672

Ion Ratio Lower Upper

43 100

58 160.1 36.6 54.8#

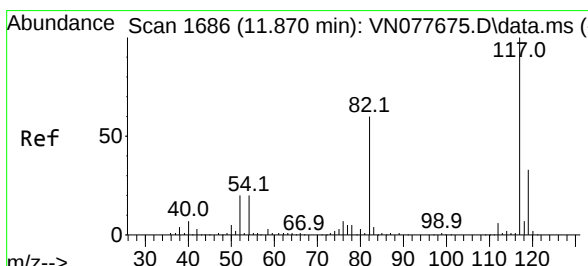
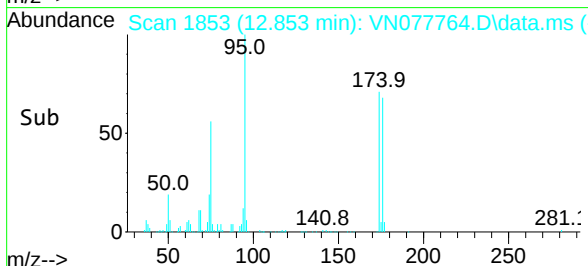
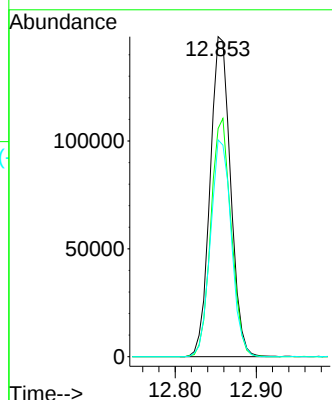
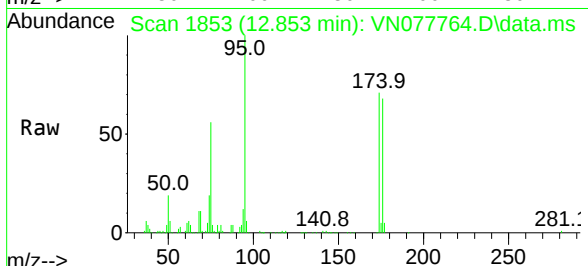




#62
4-Bromofluorobenzene
Concen: 45.010 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077764.D
Acq: 19 May 2023 15:13

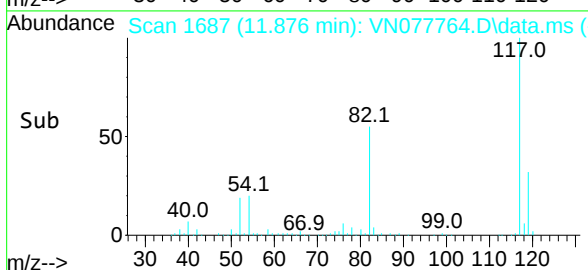
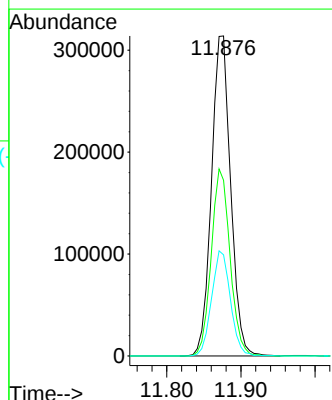
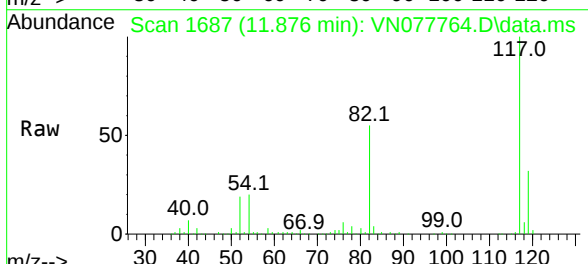
Instrument :
MSVOA_N
ClientSampleId :
RE120D3-20230516

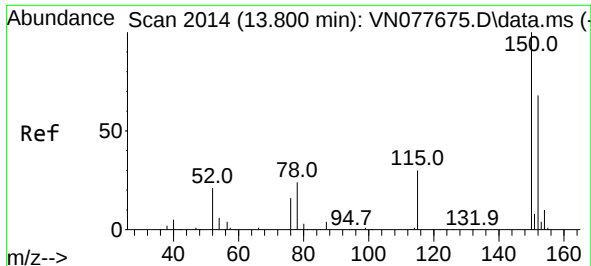
Tgt Ion: 95 Resp: 259911
Ion Ratio Lower Upper
95 100
174 73.7 0.0 143.8
176 68.7 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.876 min Scan# 1687
Delta R.T. 0.006 min
Lab File: VN077764.D
Acq: 19 May 2023 15:13

Tgt Ion: 117 Resp: 564676
Ion Ratio Lower Upper
117 100
82 54.9 44.0 66.0
119 31.6 25.6 38.4

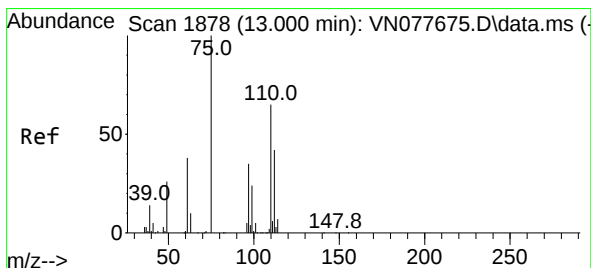
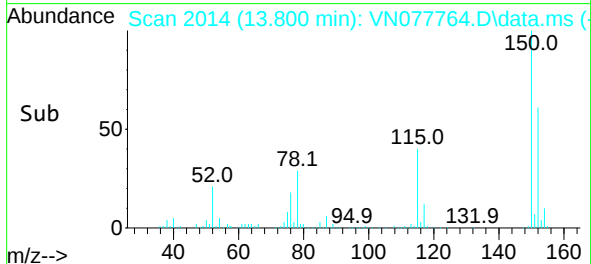
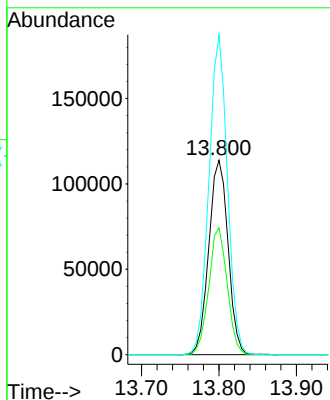
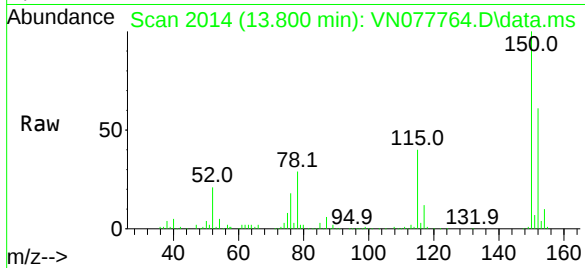




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN07764.D
Acq: 19 May 2023 15:13

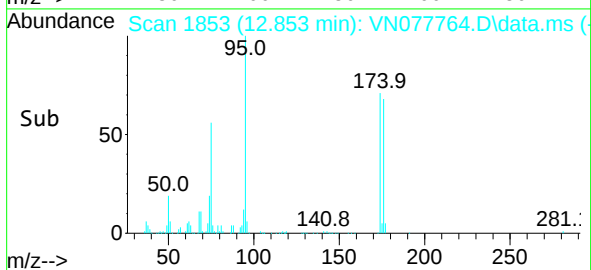
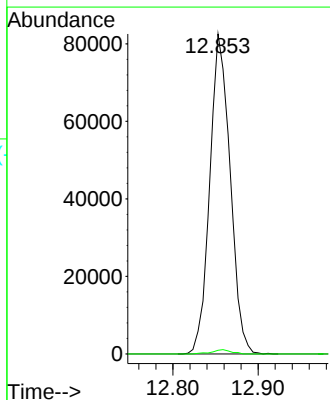
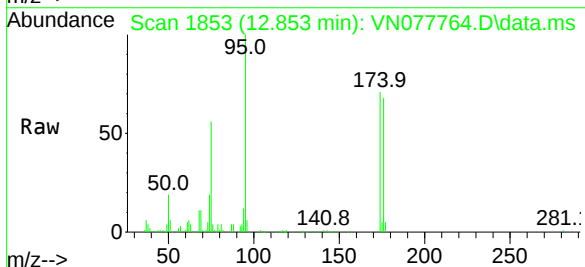
Instrument :
MSVOA_N
ClientSampleId :
RE120D3-20230516

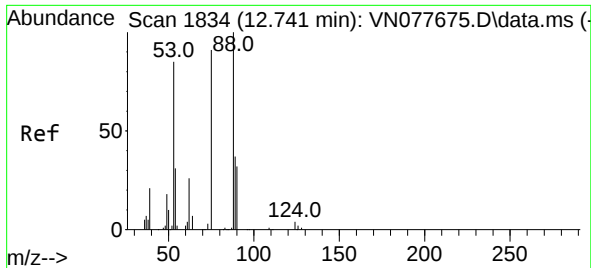
Tgt Ion:152 Resp: 196923
Ion Ratio Lower Upper
152 100
115 62.5 32.3 96.8
150 157.3 0.0 355.8



#76
1,2,3-Trichloropropane
Concen: 27.817 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN07764.D
Acq: 19 May 2023 15:13

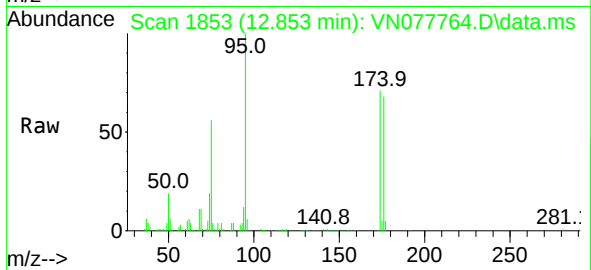
Tgt Ion: 75 Resp: 137185
Ion Ratio Lower Upper
75 100
77 1.3 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.918 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN077764.D
 Acq: 19 May 2023 15:13

Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D3-20230516



Tgt Ion: 75 Resp: 137185
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.2#
 89 0.0 38.8 58.2#

