

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121922\
 Data File : VN075881.D
 Acq On : 19 Dec 2022 19:10
 Operator : JC\MD
 Sample : N6131-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 20 01:31:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	409323	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	636149	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	546858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	226834	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	203500	45.699	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.400%
35) Dibromofluoromethane	8.171	113	186530	47.348	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.700%
50) Toluene-d8	10.571	98	729375	49.517	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.040%
62) 4-Bromofluorobenzene	12.853	95	228784	46.895	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.800%

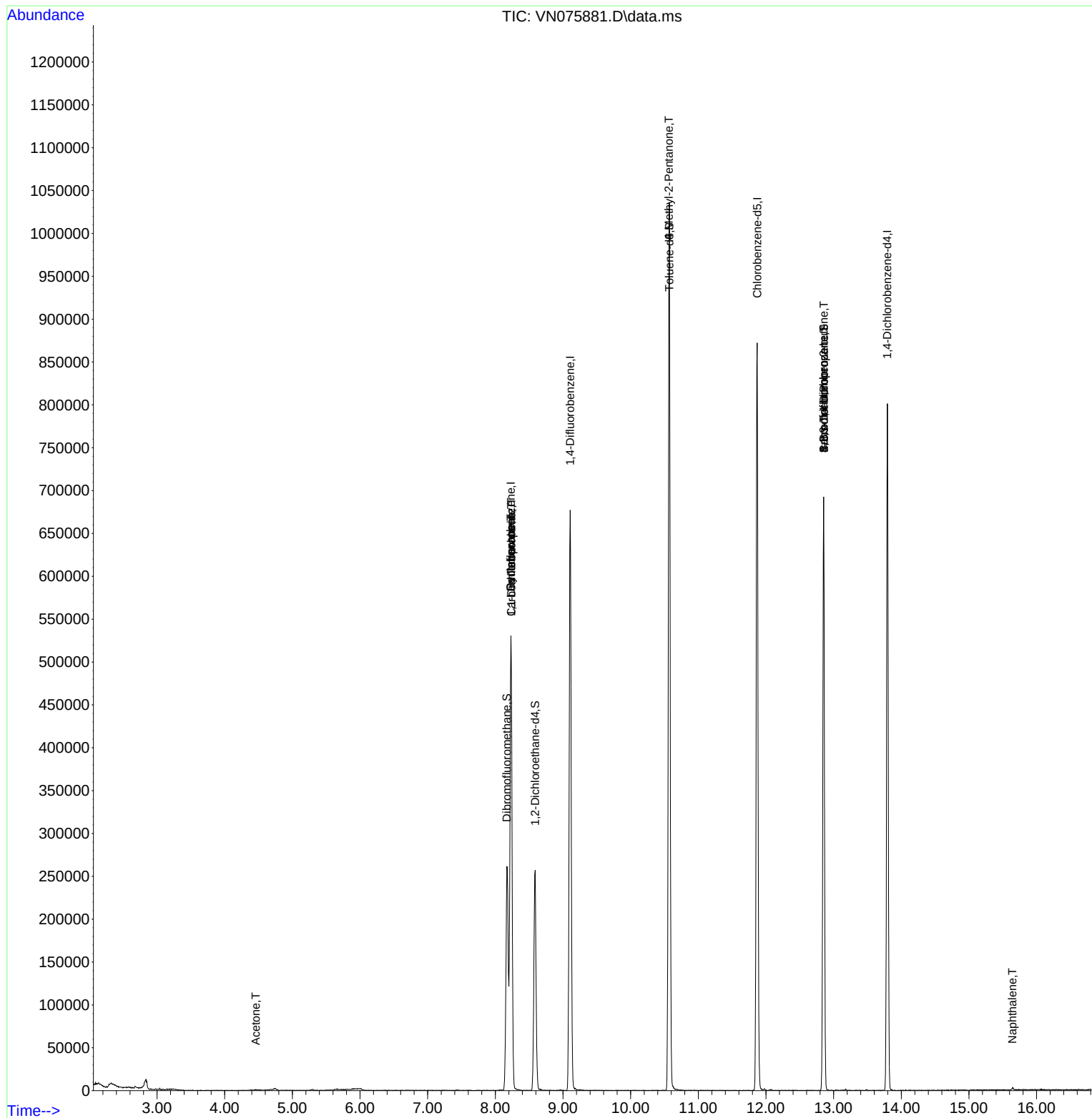
Target Compounds					Qvalue	
16) Acetone	4.459	43	862	0.562	ug/l	96
20) Methylene Chloride	5.277	84	252	Below Cal	#	71
31) Cyclohexane	8.230	56	7210	1.131	ug/l #	1
36) 1,1-Dichloropropene	8.235	75	28069	5.364	ug/l #	49
38) Carbon Tetrachloride	8.235	117	40510	6.916	ug/l #	16
51) 4-Methyl-2-Pentanone	10.565	43	2903	0.692	ug/l #	1
71) Bromoform	12.853	173	1828	0.604	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	114896	25.128	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	114896	90.448	ug/l #	12
95) Naphthalene	15.641	128	2891	2.402	ug/l #	82

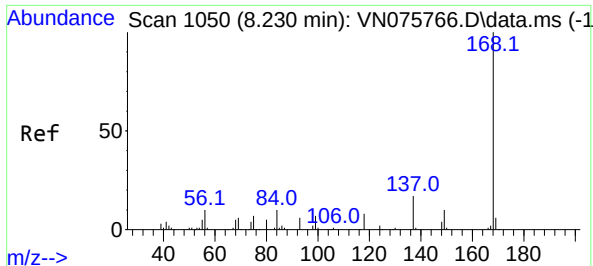
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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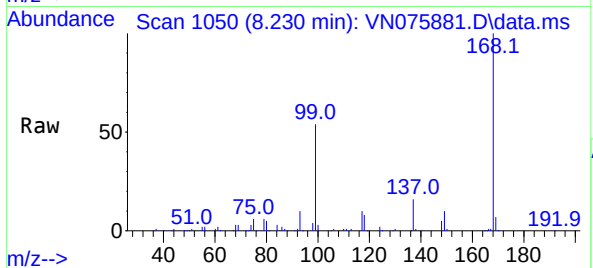
Quant Time: Dec 20 01:31:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration



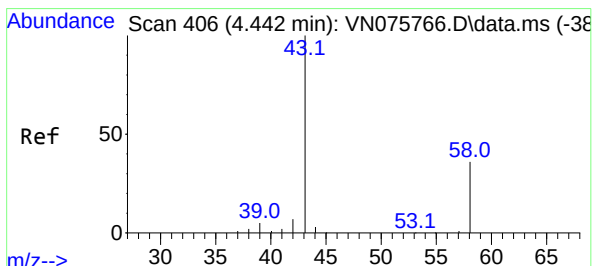
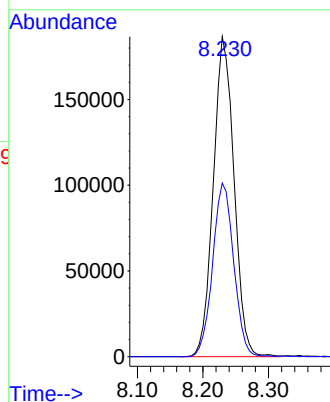
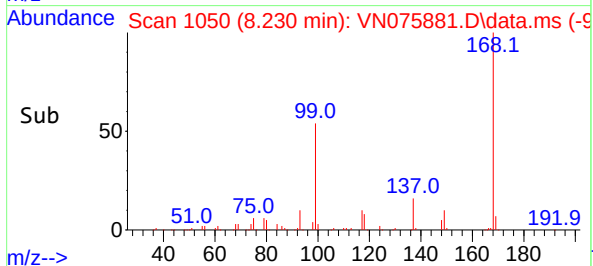


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075881.D
Acq: 19 Dec 2022 19:10

Instrument :
MSVOA_N
ClientSampleId :

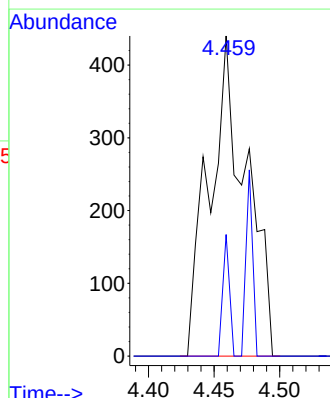
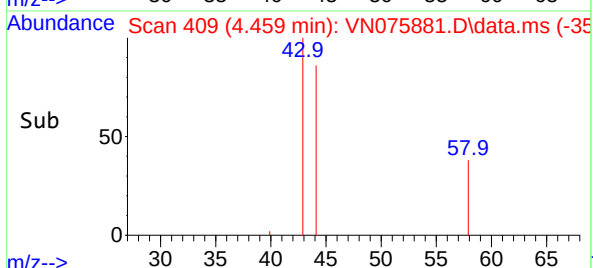
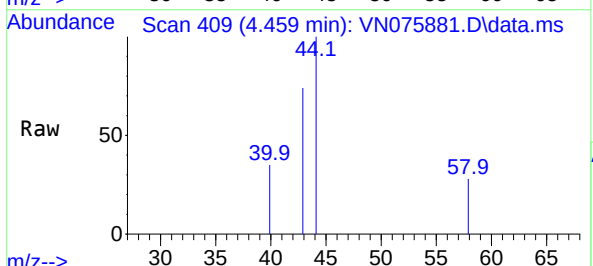


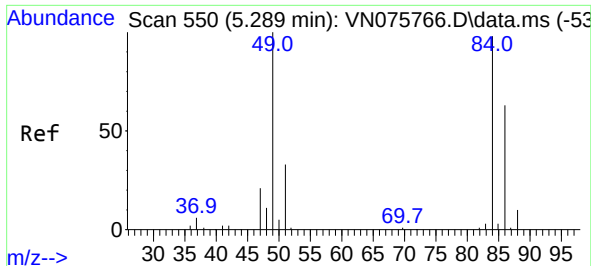
Tgt Ion:168 Resp: 409323
Ion Ratio Lower Upper
168 100
99 54.3 44.2 66.4



#16
Acetone
Concen: 0.562 ug/l
RT: 4.459 min Scan# 409
Delta R.T. 0.018 min
Lab File: VN075881.D
Acq: 19 Dec 2022 19:10

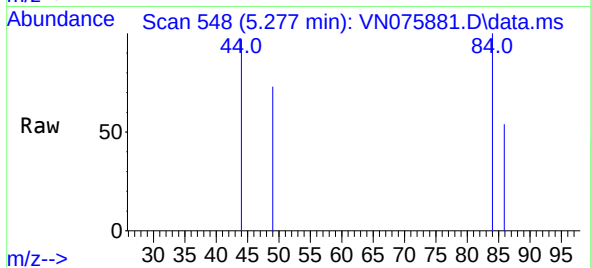
Tgt Ion: 43 Resp: 862
Ion Ratio Lower Upper
43 100
58 38.0 28.6 43.0





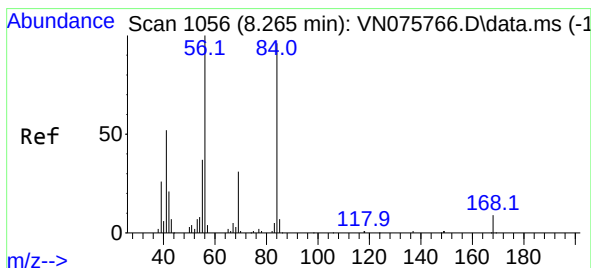
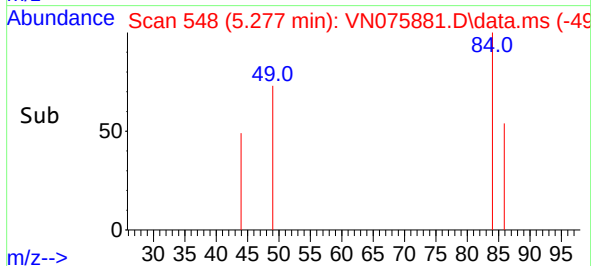
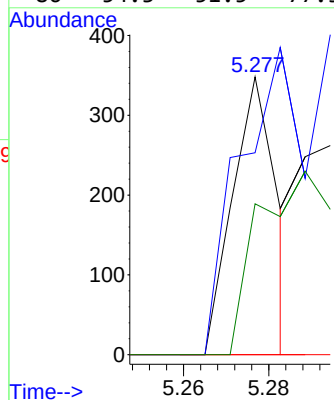
#20
Methylene Chloride
Concen: Below Cal
RT: 5.277 min Scan# 54
Delta R.T. -0.012 min
Lab File: VN075881.D
Acq: 19 Dec 2022 19:10

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 252

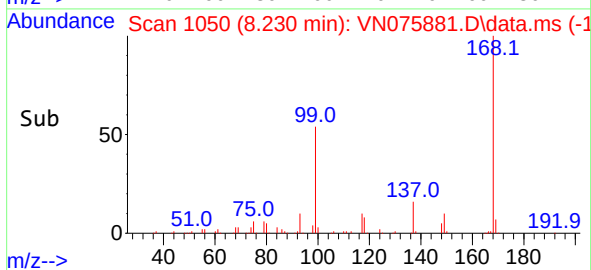
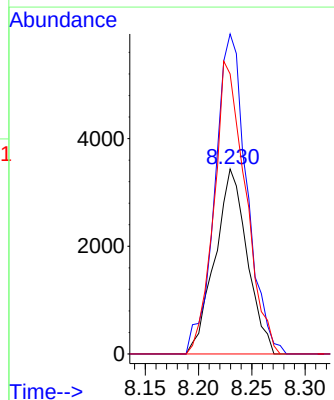
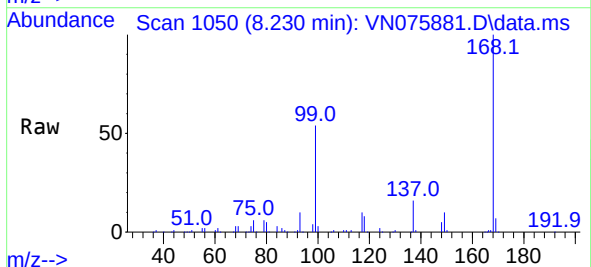
Ion	Ratio	Lower	Upper
84	100		
49	72.7	81.8	122.6#
51	0.0	26.7	40.1#
86	54.3	51.5	77.3

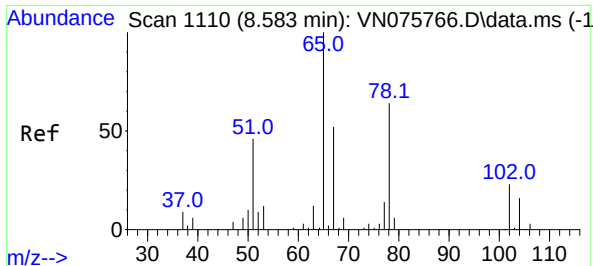


#31
Cyclohexane
Concen: 1.131 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.035 min
Lab File: VN075881.D
Acq: 19 Dec 2022 19:10

Tgt Ion: 56 Resp: 7210

Ion	Ratio	Lower	Upper
56	100		
69	173.0	24.7	37.1#
84	151.3	76.5	114.7#

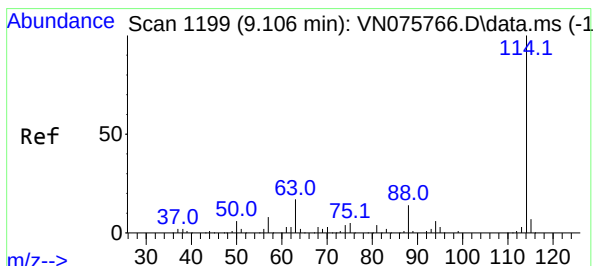
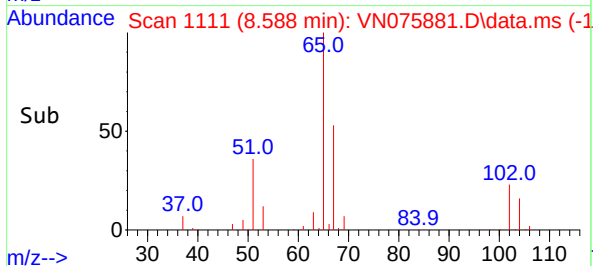
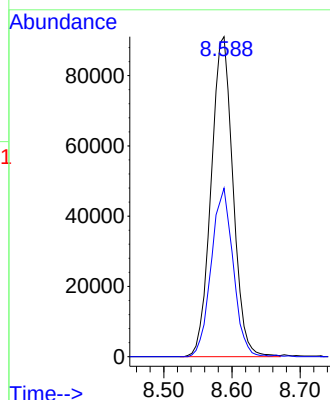
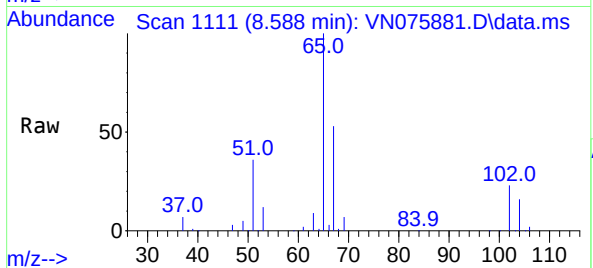




#33
1,2-Dichloroethane-d4
Concen: 45.699 ug/l
RT: 8.588 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VN075881.D
Acq: 19 Dec 2022 19:10

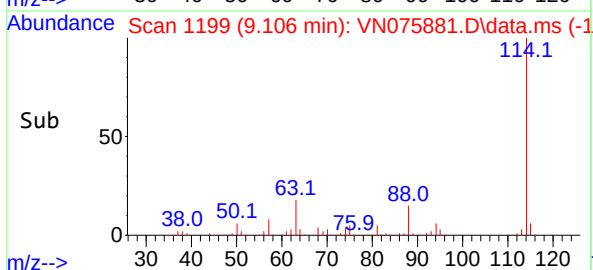
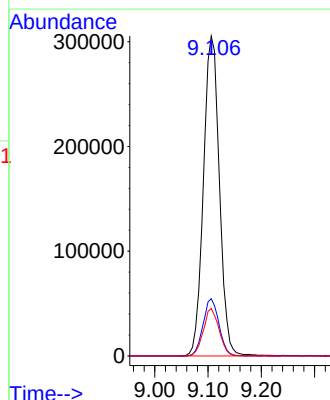
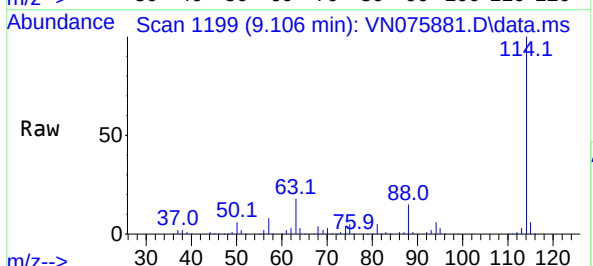
Instrument :
MSVOA_N
ClientSampleId :

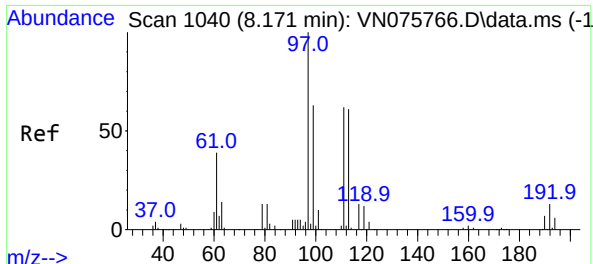
Tgt Ion: 65 Resp: 203500
Ion Ratio Lower Upper
65 100
67 52.9 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN075881.D
Acq: 19 Dec 2022 19:10

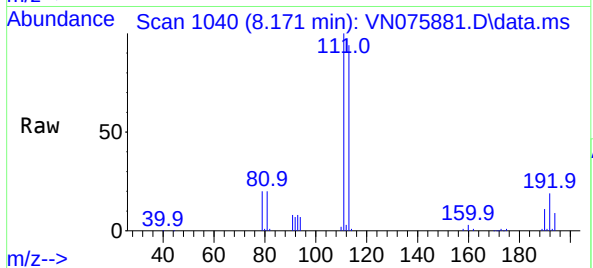
Tgt Ion: 114 Resp: 636149
Ion Ratio Lower Upper
114 100
63 17.9 0.0 34.4
88 14.9 0.0 28.8



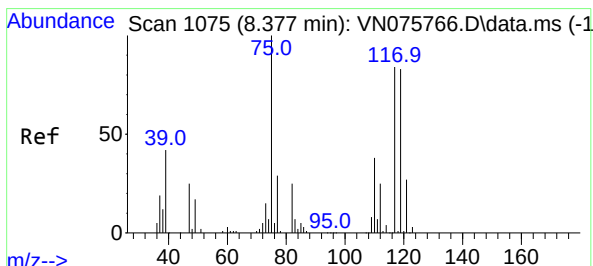
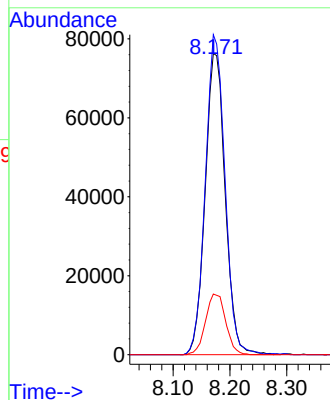
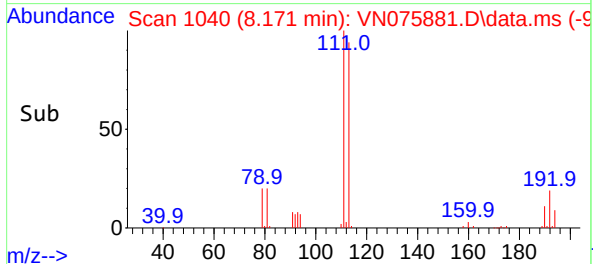


#35
Dibromofluoromethane
Concen: 47.348 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075881.D
Acq: 19 Dec 2022 19:10

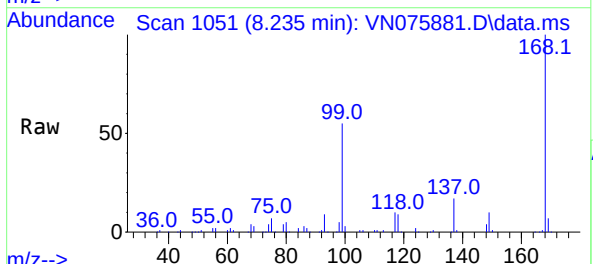
Instrument :
MSVOA_N
ClientSampleId :



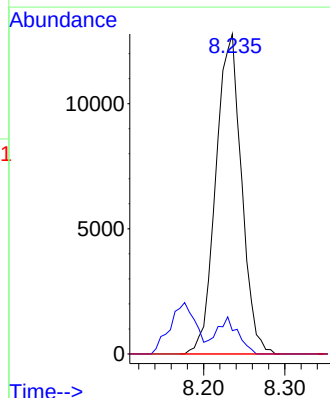
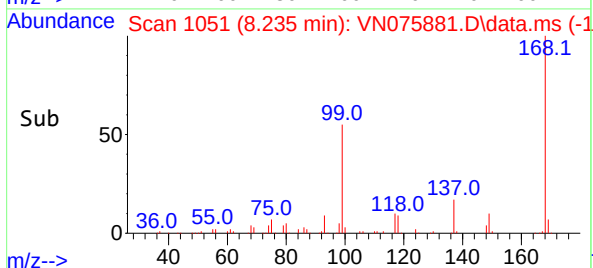
Tgt Ion:113 Resp: 186530
Ion Ratio Lower Upper
113 100
111 103.9 83.4 125.2
192 20.2 16.1 24.1

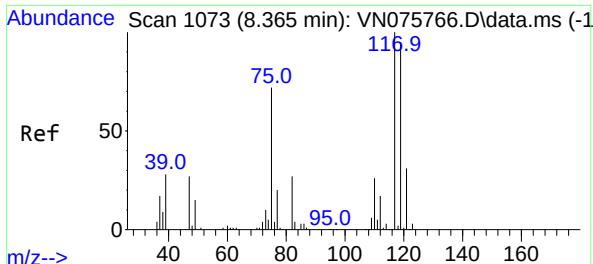


#36
1,1-Dichloropropene
Concen: 5.364 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.141 min
Lab File: VN075881.D
Acq: 19 Dec 2022 19:10



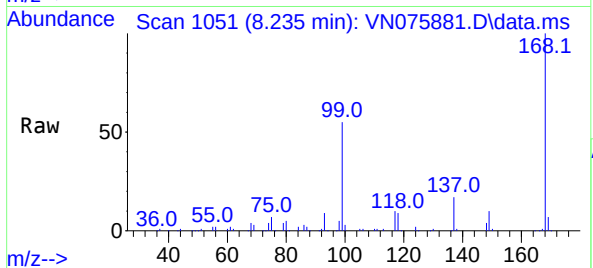
Tgt Ion: 75 Resp: 28069
Ion Ratio Lower Upper
75 100
110 9.2 18.8 56.4#
77 0.0 24.1 36.1#



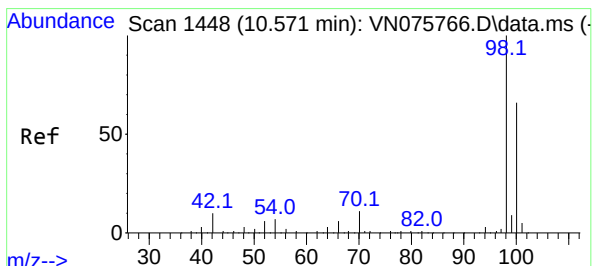
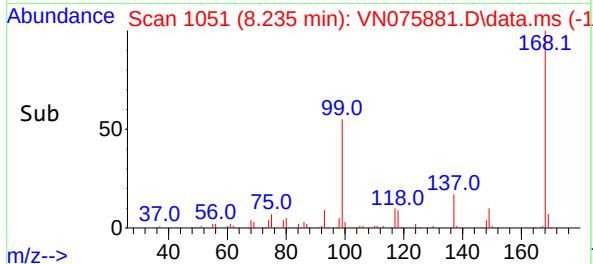
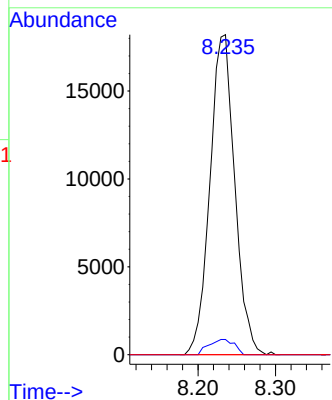


#38
Carbon Tetrachloride
Concen: 6.916 ug/l
RT: 8.235 min Scan# 1073
Delta R.T. -0.129 min
Lab File: VN075881.D
Acq: 19 Dec 2022 19:10

Instrument :
MSVOA_N
ClientSampleId :

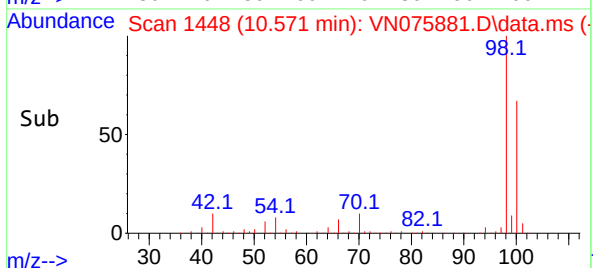
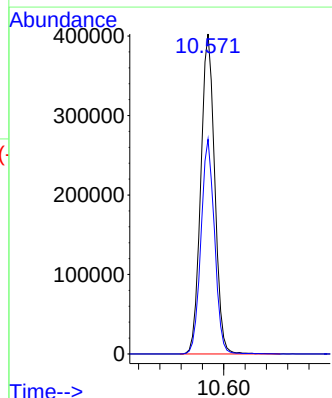
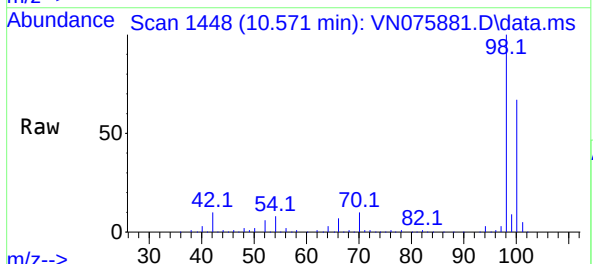


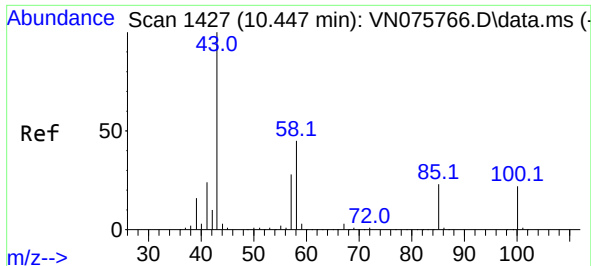
Tgt Ion:117 Resp: 40510
Ion Ratio Lower Upper
117 100
119 4.8 76.1 114.1#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.517 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075881.D
Acq: 19 Dec 2022 19:10

Tgt Ion: 98 Resp: 729375
Ion Ratio Lower Upper
98 100
100 65.5 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 0.692 ug/l

RT: 10.565 min Scan# 1427

Delta R.T. 0.118 min

Lab File: VN075881.D

Acq: 19 Dec 2022 19:10

Instrument :

MSVOA_N

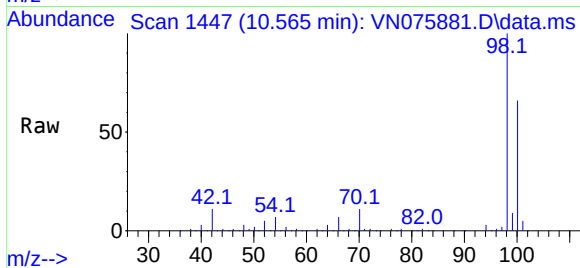
ClientSampleId :

Tgt Ion: 43 Resp: 2903

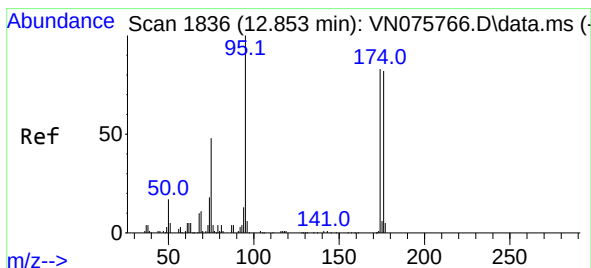
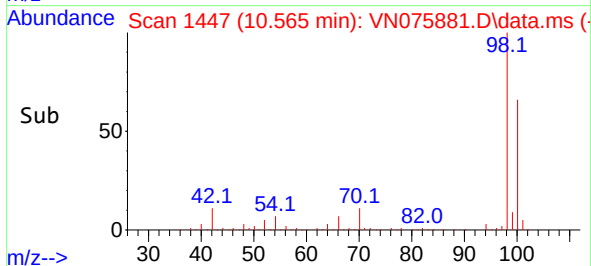
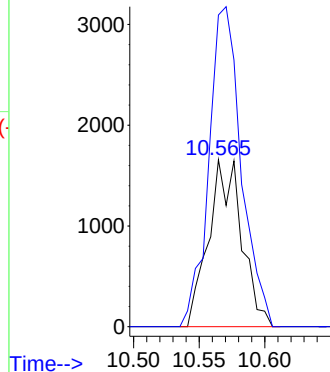
Ion Ratio Lower Upper

43 100

58 188.7 35.5 53.3#



Abundance



#62

4-Bromofluorobenzene

Concen: 46.895 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.000 min

Lab File: VN075881.D

Acq: 19 Dec 2022 19:10

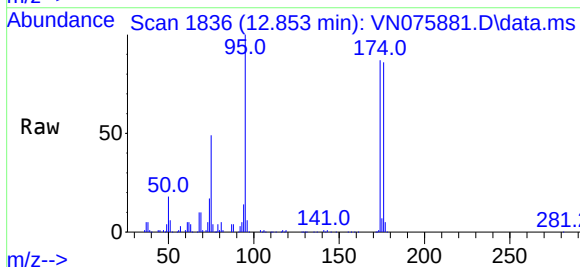
Tgt Ion: 95 Resp: 228784

Ion Ratio Lower Upper

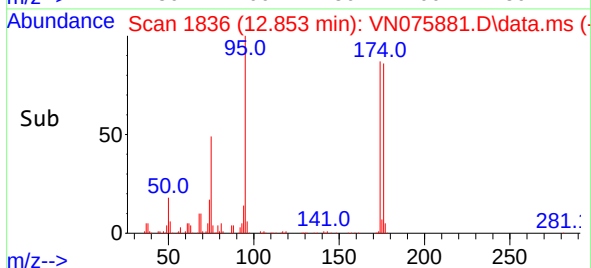
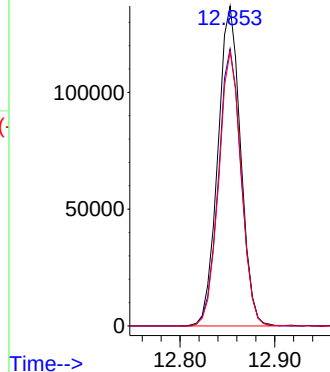
95 100

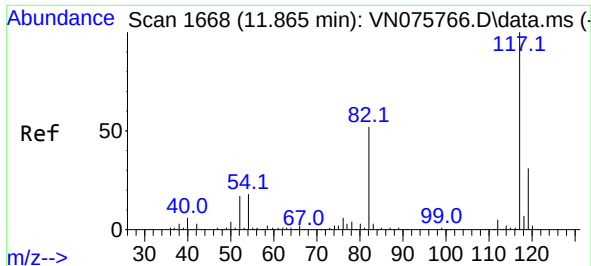
174 86.1 0.0 171.6

176 84.4 0.0 169.2



Abundance

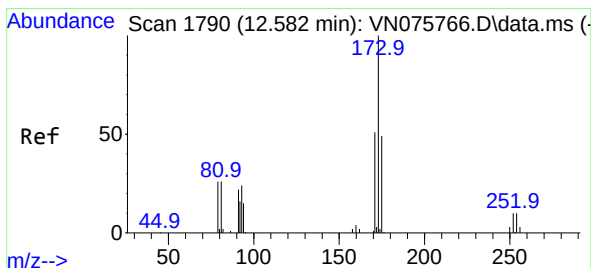
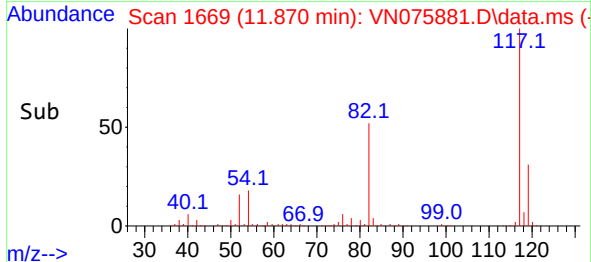
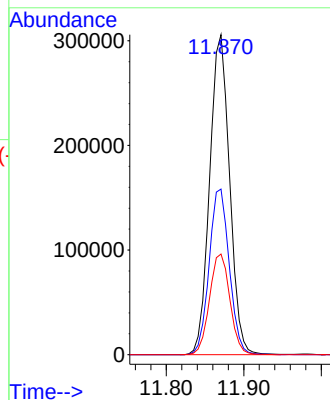
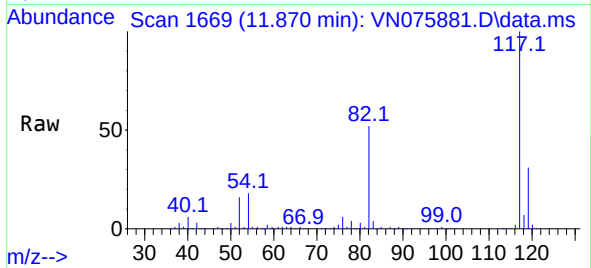




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075881.D
Acq: 19 Dec 2022 19:10

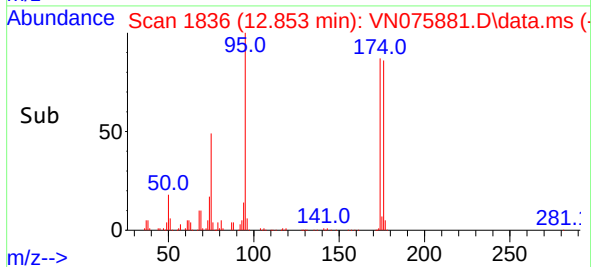
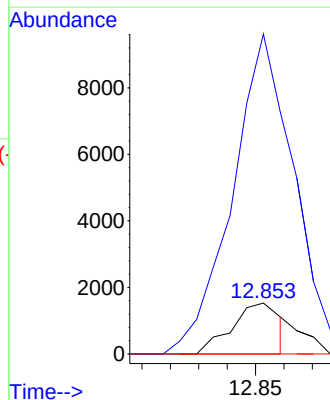
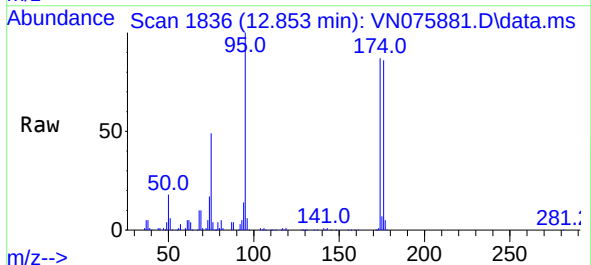
Instrument :
MSVOA_N
ClientSampleId :

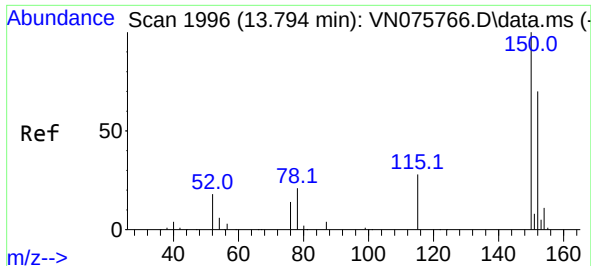
Tgt Ion:117 Resp: 546858
Ion Ratio Lower Upper
117 100
82 51.7 41.3 61.9
119 31.4 24.6 37.0



#71
Bromoform
Concen: 0.604 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.270 min
Lab File: VN075881.D
Acq: 19 Dec 2022 19:10

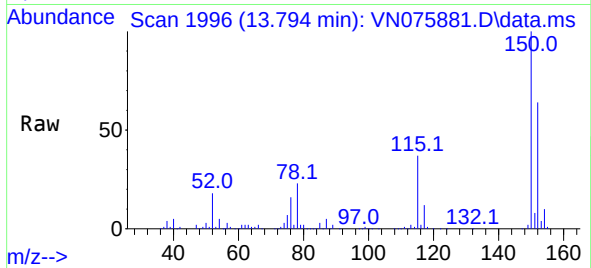
Tgt Ion:173 Resp: 1828
Ion Ratio Lower Upper
173 100
175 630.3 24.3 72.8#
254 0.0 0.0 0.0



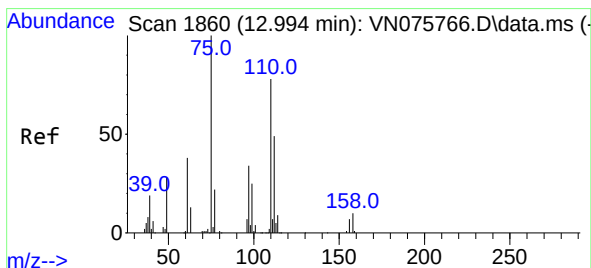
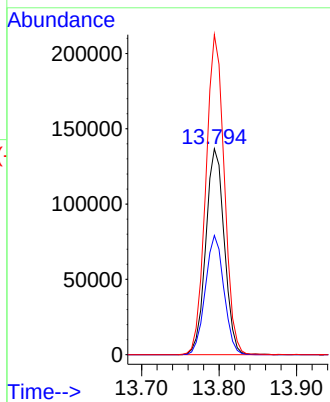
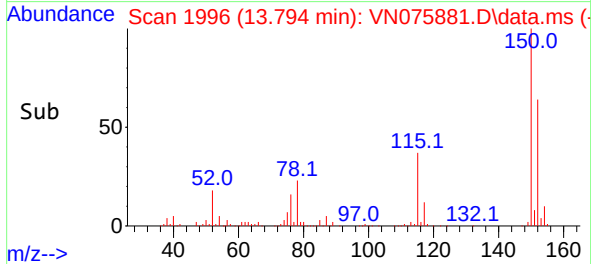


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075881.D
Acq: 19 Dec 2022 19:10

Instrument :
MSVOA_N
ClientSampleId :

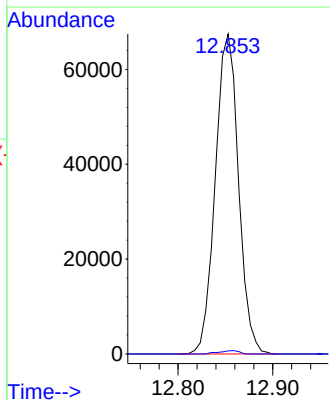
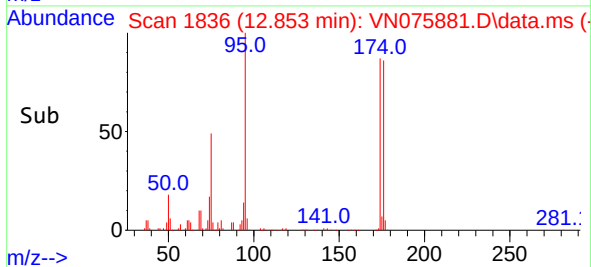
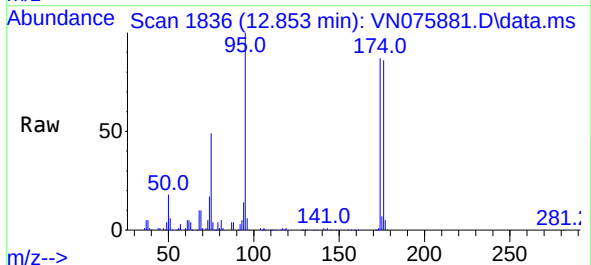


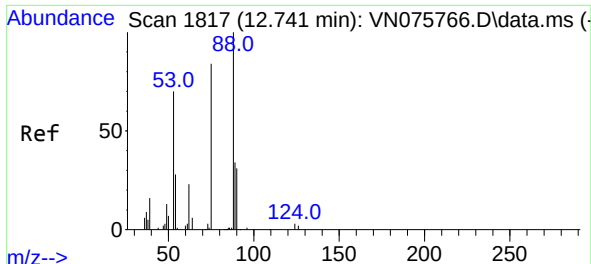
Tgt Ion:152 Resp: 226834
Ion Ratio Lower Upper
152 100
115 58.1 29.1 87.4
150 154.8 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 25.128 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075881.D
Acq: 19 Dec 2022 19:10

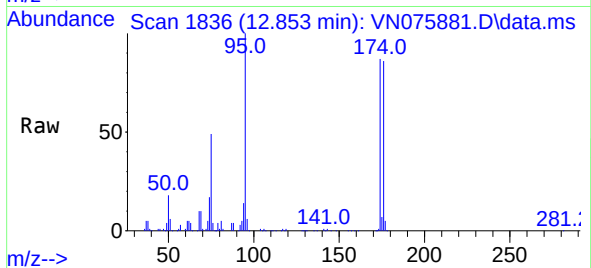
Tgt Ion: 75 Resp: 114896
Ion Ratio Lower Upper
75 100
77 0.9 82.6 247.8#



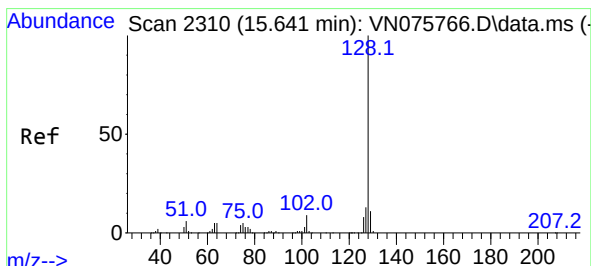
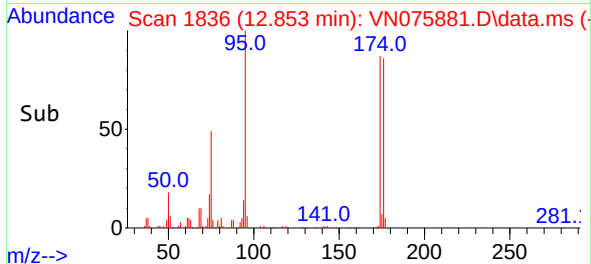
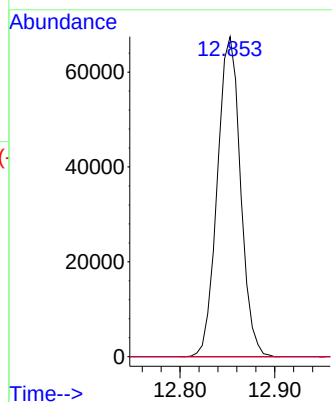


#81
trans-1,4-Dichloro-2-butene
Concen: 90.448 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN075881.D
Acq: 19 Dec 2022 19:10

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 114896
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#



#95
Naphthalene
Concen: 2.402 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075881.D
Acq: 19 Dec 2022 19:10

Tgt Ion: 128 Resp: 2891
Ion Ratio Lower Upper
128 100
127 1.8 10.4 15.6#
129 8.3 8.7 13.1#

