

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121622\
 Data File : VN075849.D
 Acq On : 16 Dec 2022 15:50
 Operator : JC\MD
 Sample : N6076-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2A

Quant Time: Dec 17 08:40:49 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)

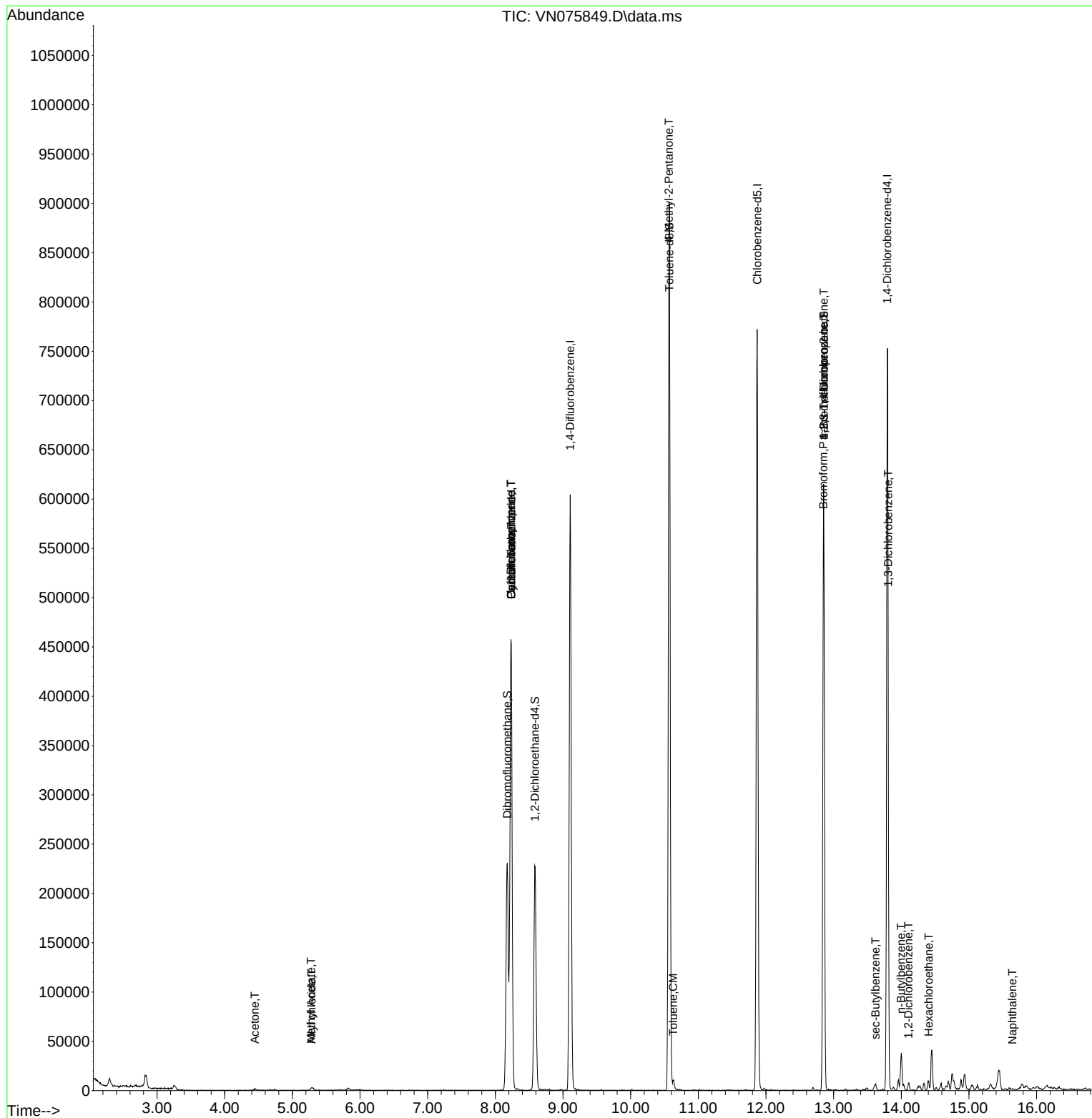
Internal Standards						
1) Pentafluorobenzene	8.236	168	364496	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	558526	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	484440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	207667	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	184401	46.503	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.000%
35) Dibromofluoromethane	8.177	113	166624	48.173	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.340%
50) Toluene-d8	10.571	98	644373	49.827	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.660%
62) 4-Bromofluorobenzene	12.853	95	203763	47.571	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.140%
Target Compounds						
					Qvalue	
14) Allyl chloride	5.283	41	1035	0.274	ug/l #	24
16) Acetone	4.448	43	1795	1.313	ug/l	99
18) Methyl Acetate	5.277	43	827	0.205	ug/l #	45
20) Methylene Chloride	5.289	84	586	Below Cal	#	60
31) Cyclohexane	8.236	56	6689	1.178	ug/l #	7
36) 1,1-Dichloropropene	8.230	75	25250	5.495	ug/l #	49
38) Carbon Tetrachloride	8.236	117	35586	6.920	ug/l #	16
51) 4-Methyl-2-Pentanone	10.565	43	2180	0.592	ug/l #	1
52) Toluene	10.630	92	3521	0.381	ug/l	90
71) Bromoform	12.847	173	1702	0.635	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	103222	24.659	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	103222	88.758	ug/l #	12
85) sec-Butylbenzene	13.618	105	4490	0.294	ug/l	89
87) 1,3-Dichlorobenzene	13.806	146	1407	0.201	ug/l #	1
89) n-Butylbenzene	13.994	91	2550	0.247	ug/l #	40
90) Hexachloroethane	14.406	117	4701	2.066	ug/l #	11
91) 1,2-Dichlorobenzene	14.106	146	3419	0.495	ug/l	97
95) Naphthalene	15.641	128	1440	2.299	ug/l #	69

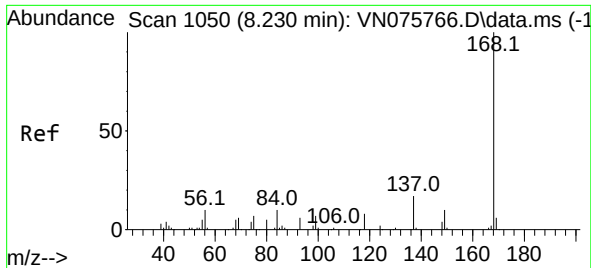
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121622\
Data File : VN075849.D
Acq On : 16 Dec 2022 15:50
Operator : JC\MD
Sample : N6076-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2A

Quant Time: Dec 17 08:40:49 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

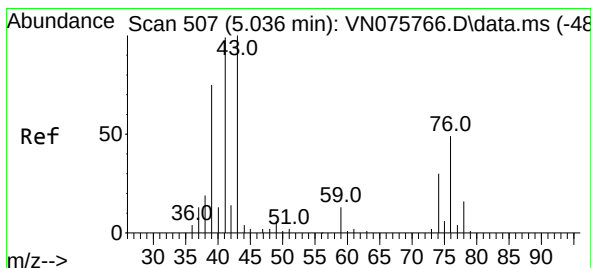
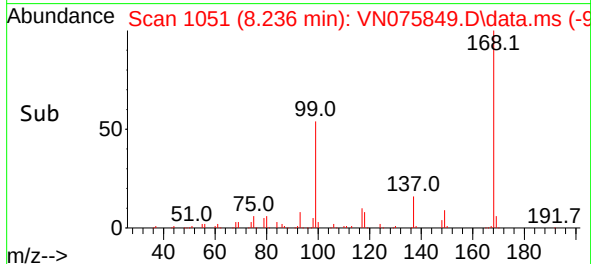
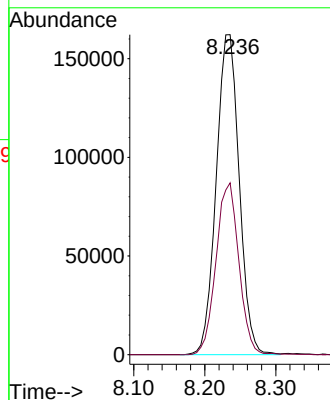
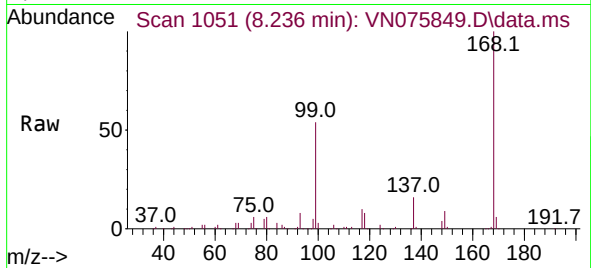




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VN075849.D
Acq: 16 Dec 2022 15:50

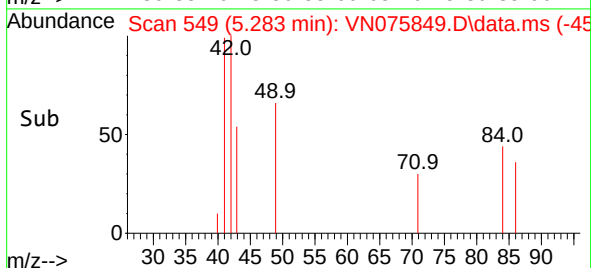
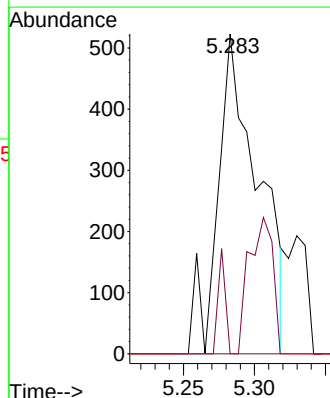
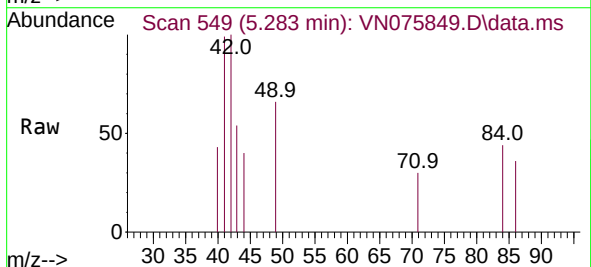
Instrument :
MSVOA_N
ClientSampleId :
MW-2A

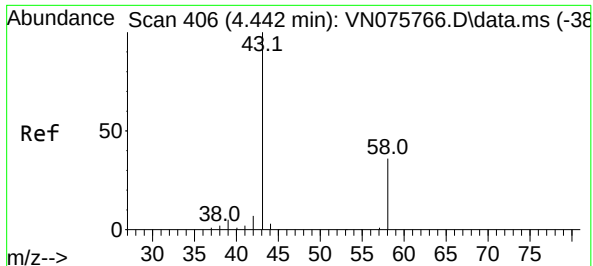
Tgt Ion:168 Resp: 364496
Ion Ratio Lower Upper
168 100
99 53.7 44.2 66.4



#14
Allyl chloride
Concen: 0.274 ug/l
RT: 5.283 min Scan# 549
Delta R.T. 0.247 min
Lab File: VN075849.D
Acq: 16 Dec 2022 15:50

Tgt Ion: 41 Resp: 1035
Ion Ratio Lower Upper
41 100
39 5.9 58.3 87.5#
76 0.0 35.8 53.6#

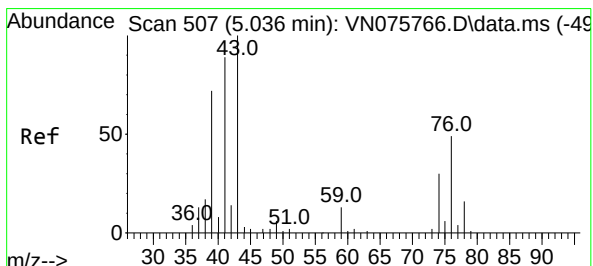
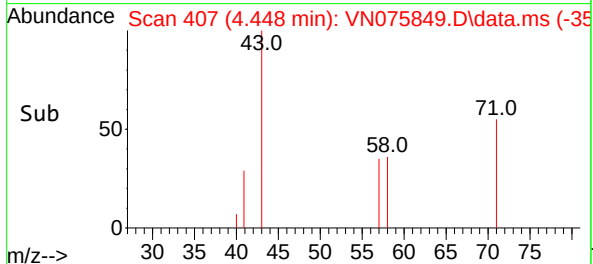
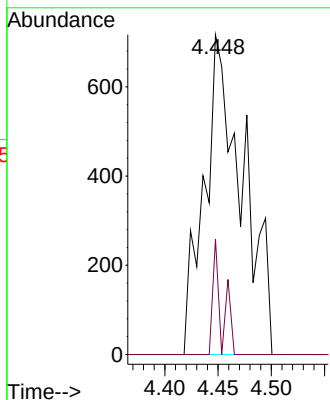
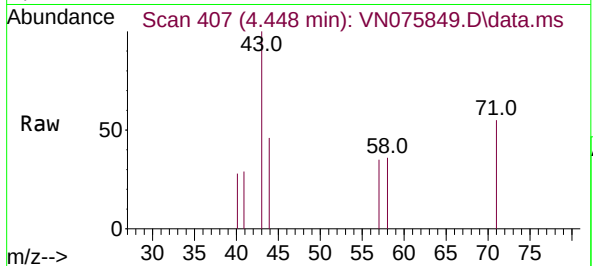




#16
Acetone
Concen: 1.313 ug/l
RT: 4.448 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN075849.D
Acq: 16 Dec 2022 15:50

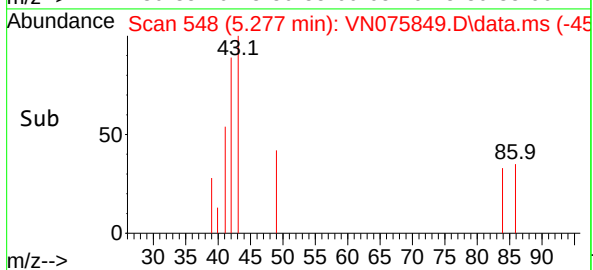
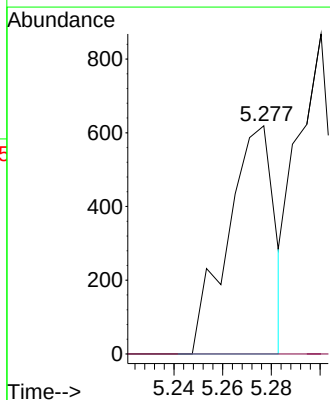
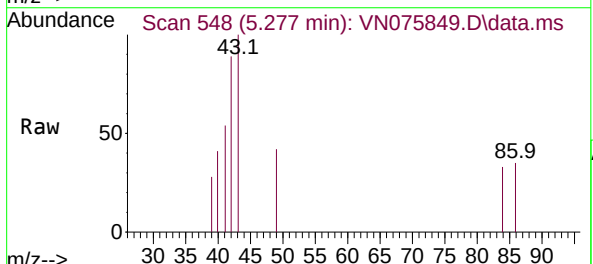
Instrument :
MSVOA_N
ClientSampleId :
MW-2A

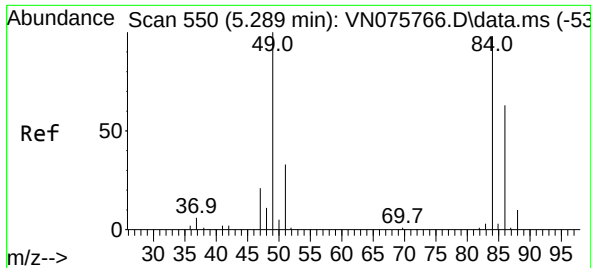
Tgt Ion: 43 Resp: 1795
Ion Ratio Lower Upper
43 100
58 36.1 28.6 43.0



#18
Methyl Acetate
Concen: 0.205 ug/l
RT: 5.277 min Scan# 548
Delta R.T. 0.241 min
Lab File: VN075849.D
Acq: 16 Dec 2022 15:50

Tgt Ion: 43 Resp: 827
Ion Ratio Lower Upper
43 100
74 0.0 23.6 35.4#

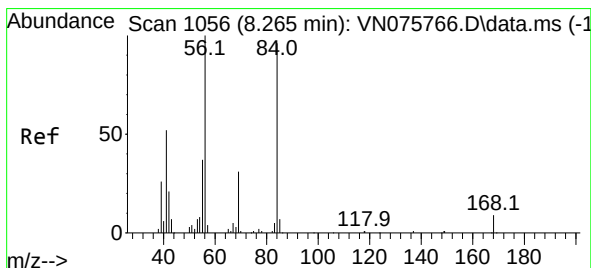
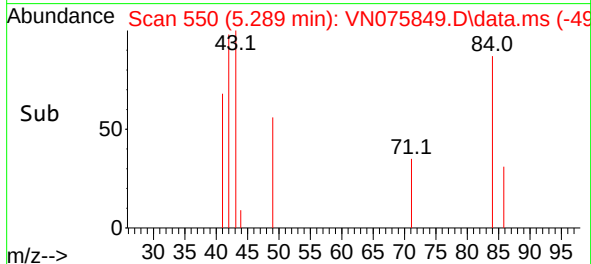
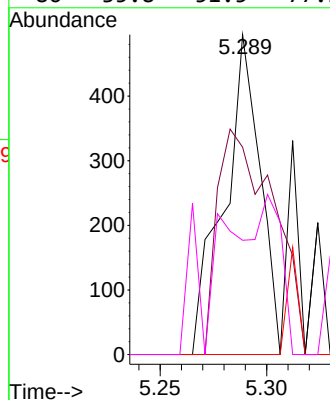
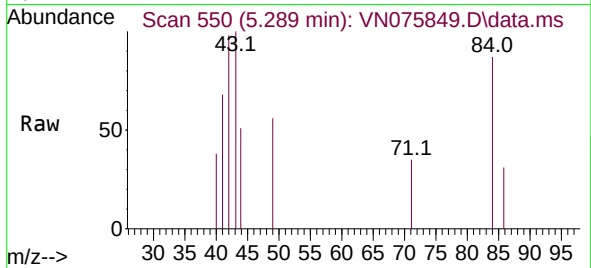




#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN075849.D
Acq: 16 Dec 2022 15:50

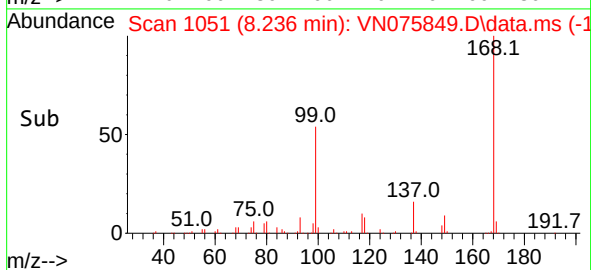
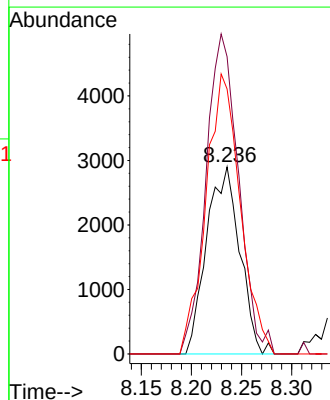
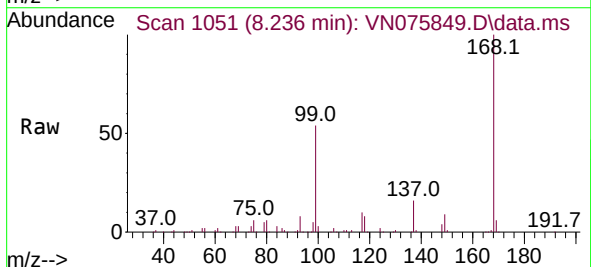
Instrument :
MSVOA_N
ClientSampleId :
MW-2A

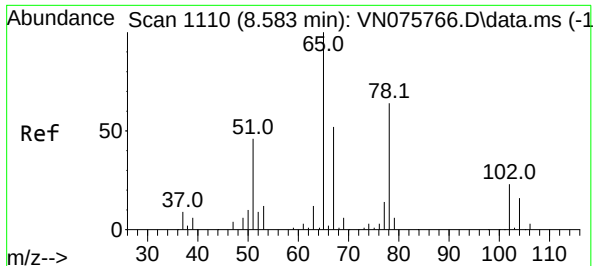
Tgt Ion:	84	Resp:	586
Ion	Ratio	Lower	Upper
84	100		
49	64.8	81.8	122.6#
51	0.0	26.7	40.1#
86	35.8	51.5	77.3#



#31
Cyclohexane
Concen: 1.178 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.029 min
Lab File: VN075849.D
Acq: 16 Dec 2022 15:50

Tgt Ion:	56	Resp:	6689
Ion	Ratio	Lower	Upper
56	100		
69	159.0	24.7	37.1#
84	141.7	76.5	114.7#





#33

1,2-Dichloroethane-d4

Concen: 46.503 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075849.D

Acq: 16 Dec 2022 15:50

Instrument :

MSVOA_N

ClientSampleId :

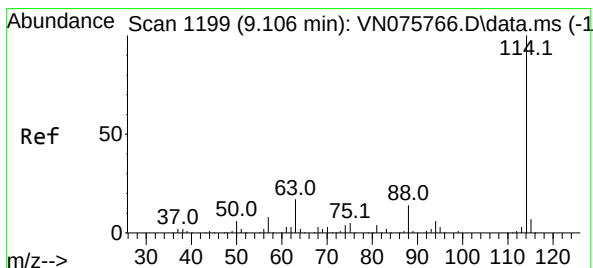
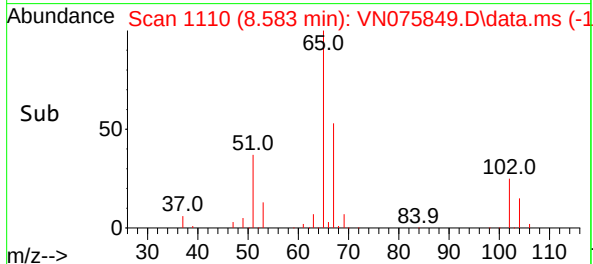
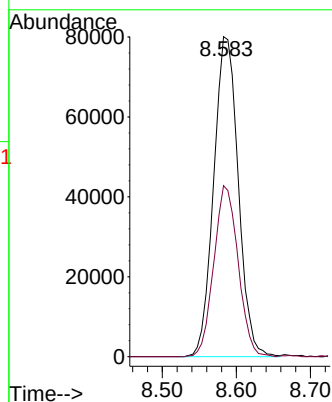
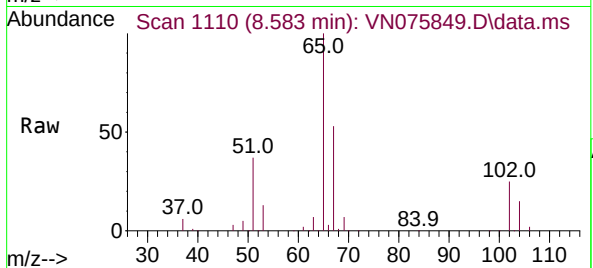
MW-2A

Tgt Ion: 65 Resp: 184401

Ion Ratio Lower Upper

65 100

67 52.8 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: VN075849.D

Acq: 16 Dec 2022 15:50

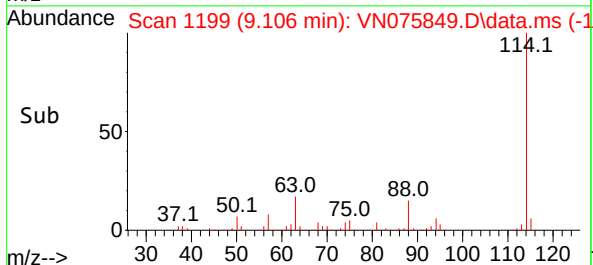
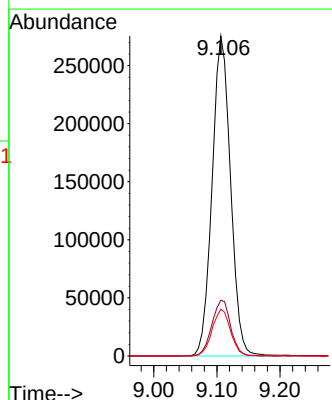
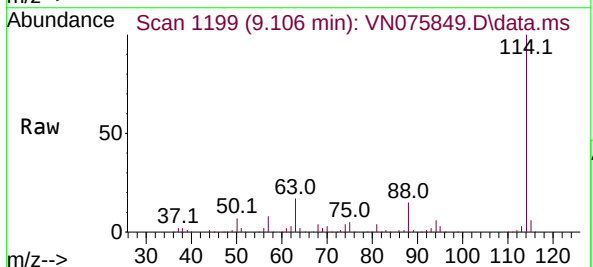
Tgt Ion: 114 Resp: 558526

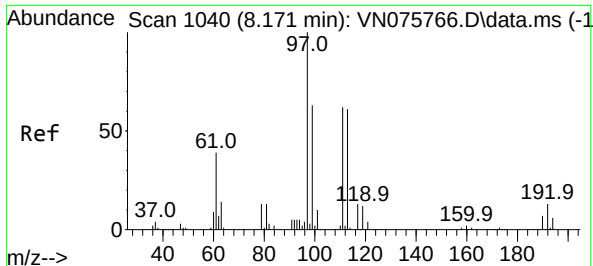
Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.4

88 14.6 0.0 28.8





#35

Dibromofluoromethane

Concen: 48.173 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075849.D

Acq: 16 Dec 2022 15:50

Instrument :

MSVOA_N

ClientSampleId :

MW-2A

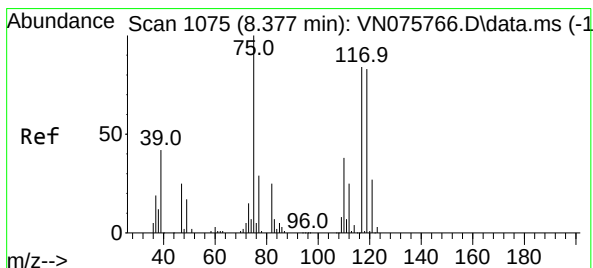
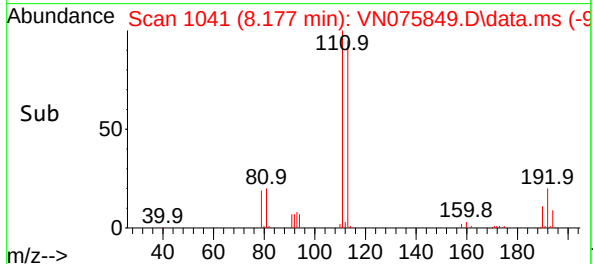
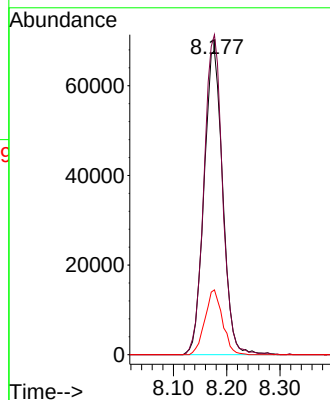
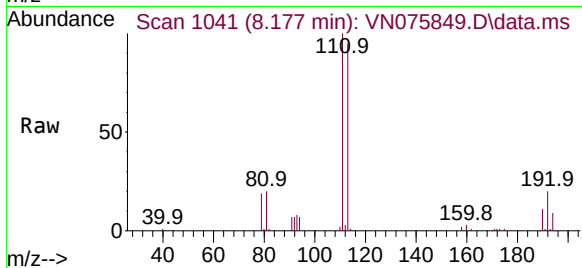
Tgt Ion:113 Resp: 166624

Ion Ratio Lower Upper

113 100

111 103.2 83.4 125.2

192 19.9 16.1 24.1



#36

1,1-Dichloropropene

Concen: 5.495 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN075849.D

Acq: 16 Dec 2022 15:50

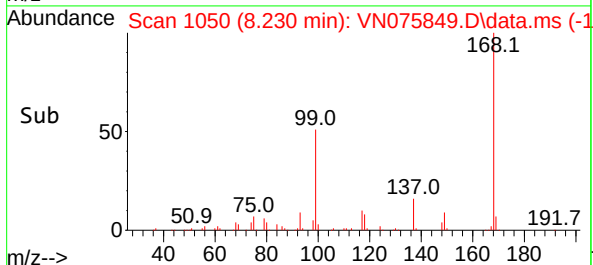
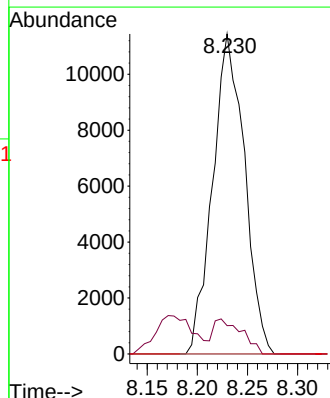
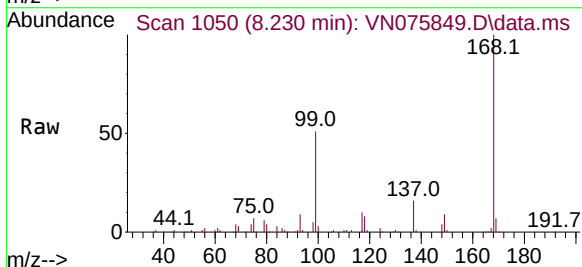
Tgt Ion: 75 Resp: 25250

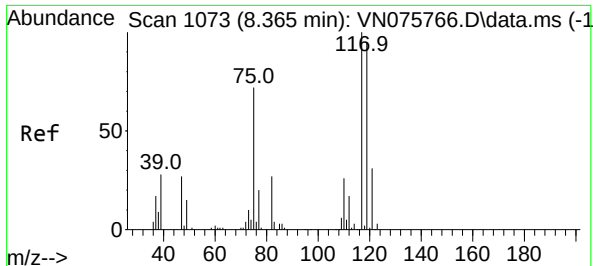
Ion Ratio Lower Upper

75 100

110 9.6 18.8 56.4#

77 0.0 24.1 36.1#

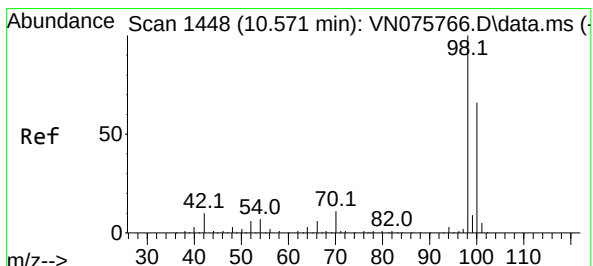
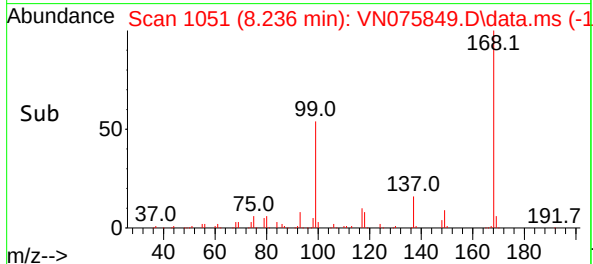
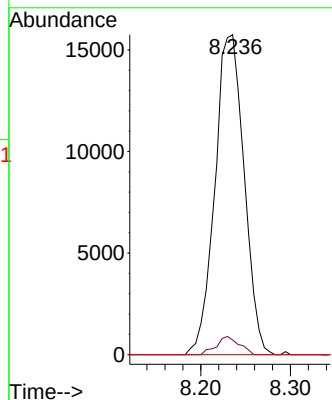
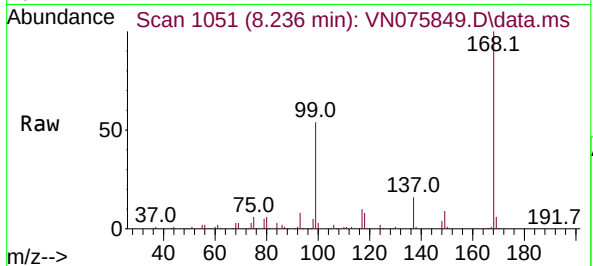




#38
Carbon Tetrachloride
Concen: 6.920 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.129 min
Lab File: VN075849.D
Acq: 16 Dec 2022 15:50

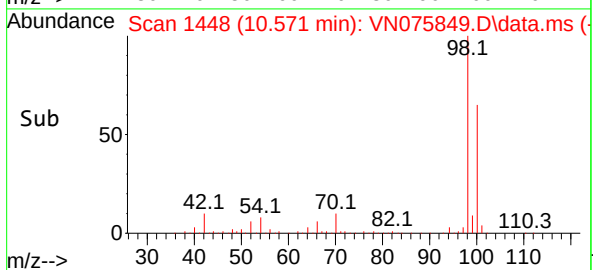
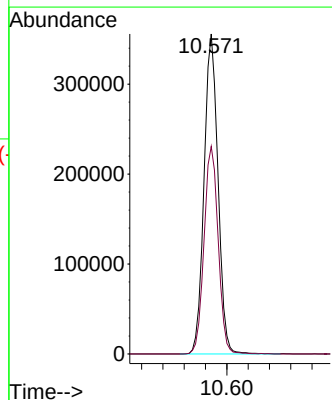
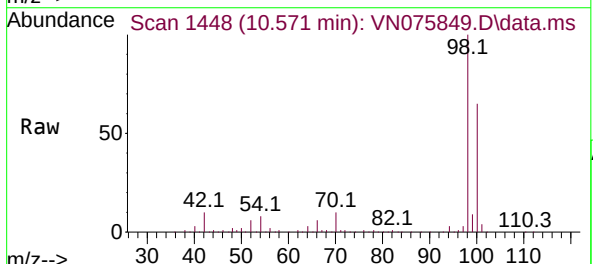
Instrument :
MSVOA_N
ClientSampleId :
MW-2A

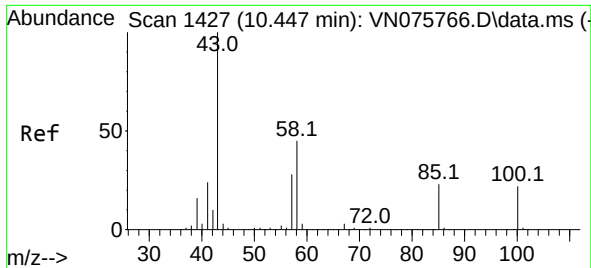
Tgt Ion:117 Resp: 35586
Ion Ratio Lower Upper
117 100
119 4.6 76.1 114.1#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.827 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075849.D
Acq: 16 Dec 2022 15:50

Tgt Ion: 98 Resp: 644373
Ion Ratio Lower Upper
98 100
100 65.8 52.1 78.1

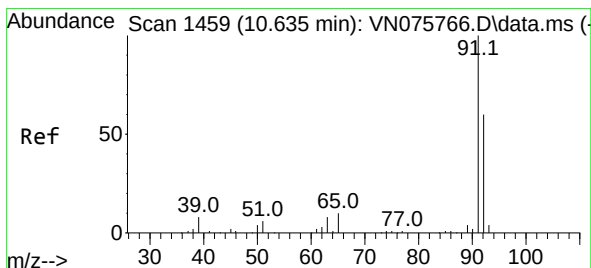
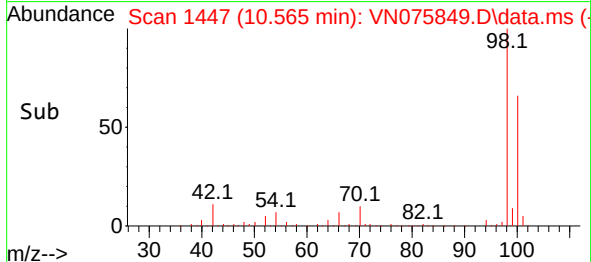
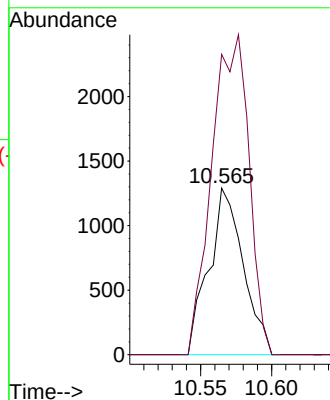
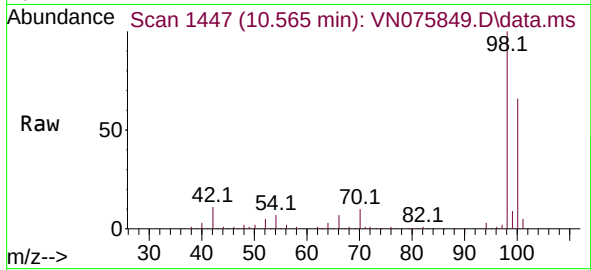




#51
4-Methyl-2-Pentanone
Concen: 0.592 ug/l
RT: 10.565 min Scan# 1427
Delta R.T. 0.118 min
Lab File: VN075849.D
Acq: 16 Dec 2022 15:50

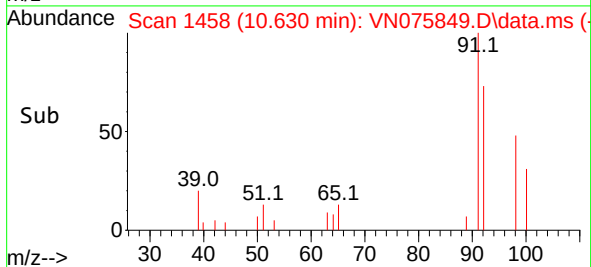
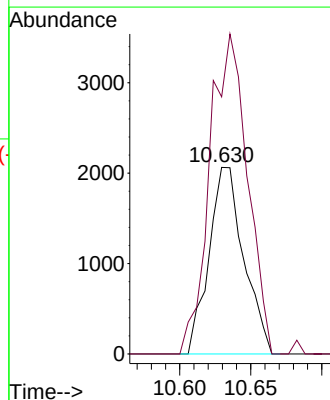
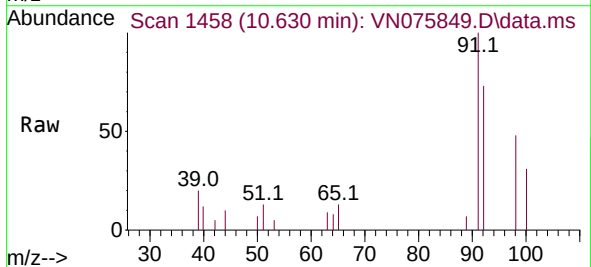
Instrument :
MSVOA_N
ClientSampleId :
MW-2A

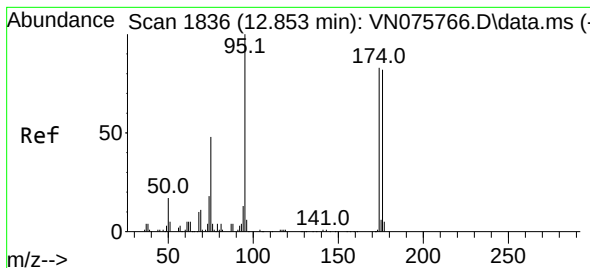
Tgt Ion: 43 Resp: 2180
Ion Ratio Lower Upper
43 100
58 207.4 35.5 53.3#



#52
Toluene
Concen: 0.381 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075849.D
Acq: 16 Dec 2022 15:50

Tgt Ion: 92 Resp: 3521
Ion Ratio Lower Upper
92 100
91 185.9 137.3 205.9

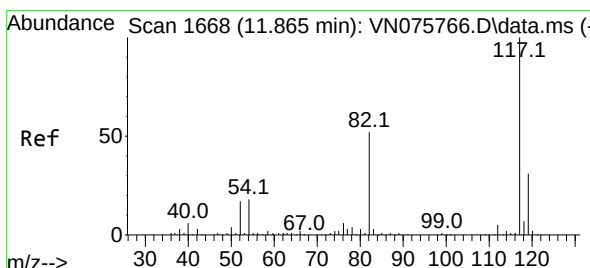
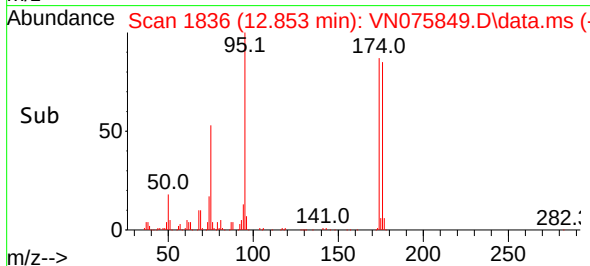
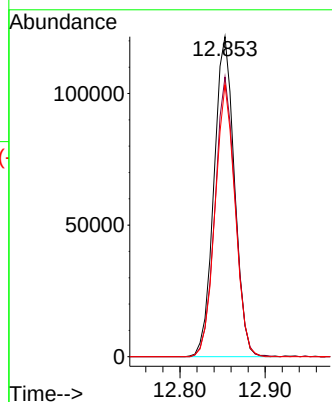
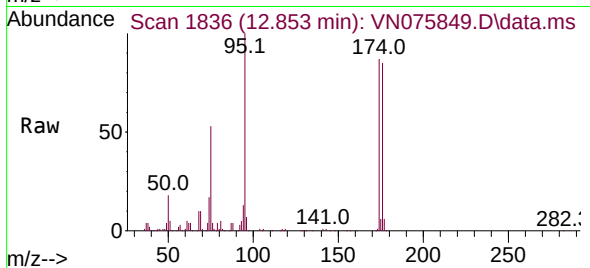




#62
4-Bromofluorobenzene
Concen: 47.571 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075849.D
Acq: 16 Dec 2022 15:50

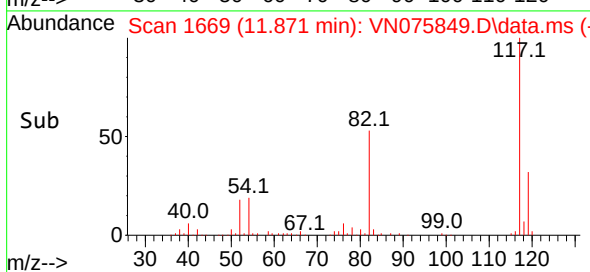
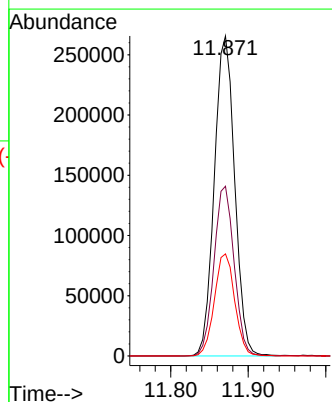
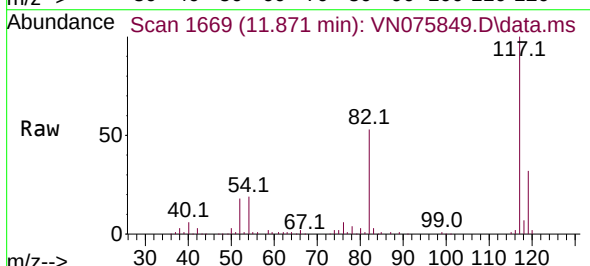
Instrument :
MSVOA_N
ClientSampleId :
MW-2A

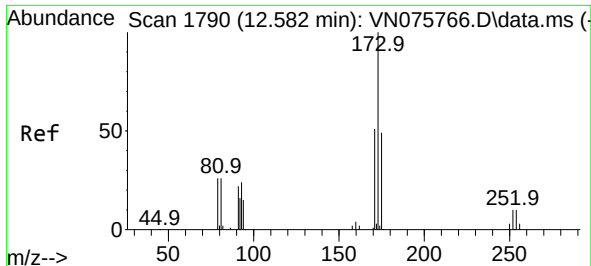
Tgt Ion: 95 Resp: 203763
Ion Ratio Lower Upper
95 100
174 85.8 0.0 171.6
176 82.9 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075849.D
Acq: 16 Dec 2022 15:50

Tgt Ion: 117 Resp: 484440
Ion Ratio Lower Upper
117 100
82 53.1 41.3 61.9
119 31.9 24.6 37.0

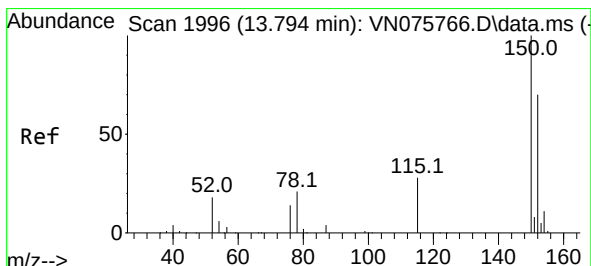
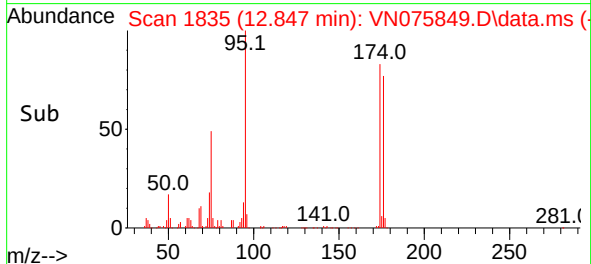
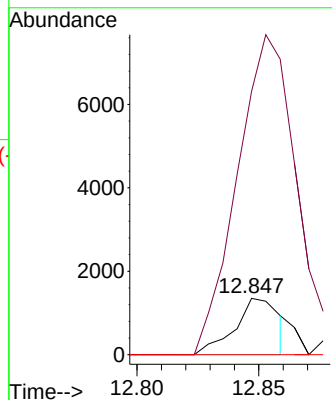
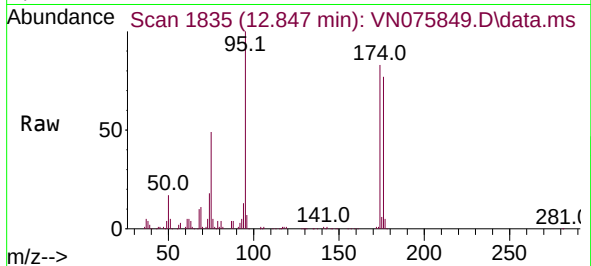




#71
Bromoform
Concen: 0.635 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.265 min
Lab File: VN075849.D
Acq: 16 Dec 2022 15:50

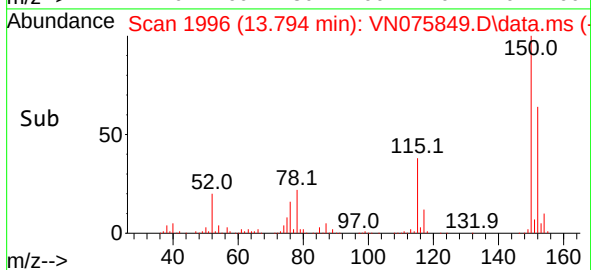
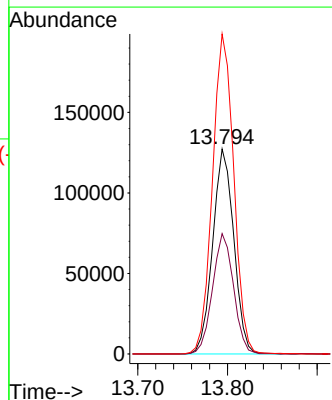
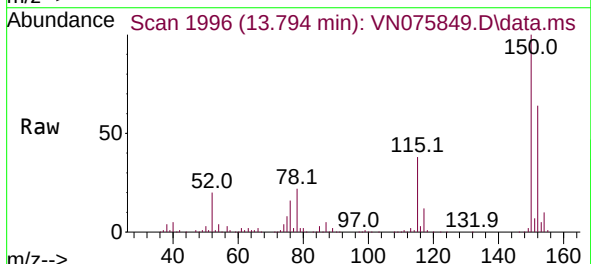
Instrument :
MSVOA_N
ClientSampleId :
MW-2A

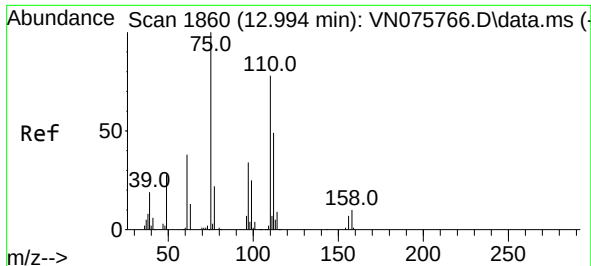
Tgt Ion:173 Resp: 1702
Ion Ratio Lower Upper
173 100
175 593.0 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075849.D
Acq: 16 Dec 2022 15:50

Tgt Ion:152 Resp: 207667
Ion Ratio Lower Upper
152 100
115 58.4 29.1 87.4
150 157.6 0.0 347.0

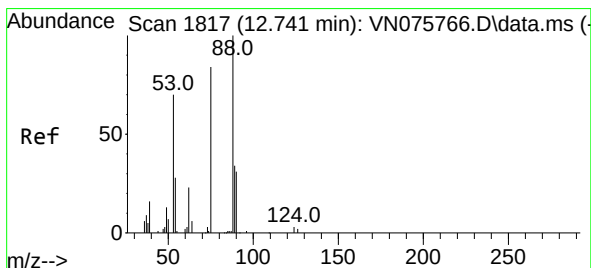
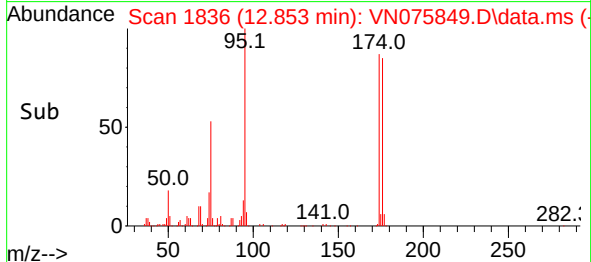
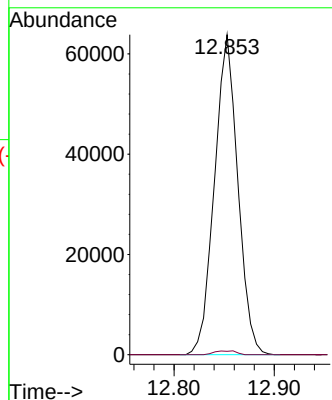
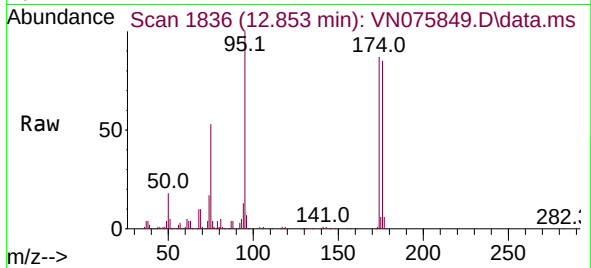




#76
1,2,3-Trichloropropane
Concen: 24.659 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075849.D
Acq: 16 Dec 2022 15:50

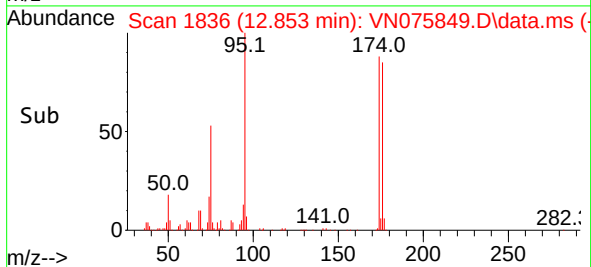
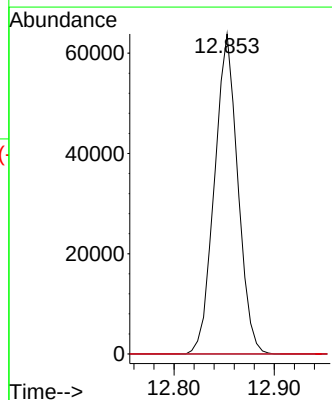
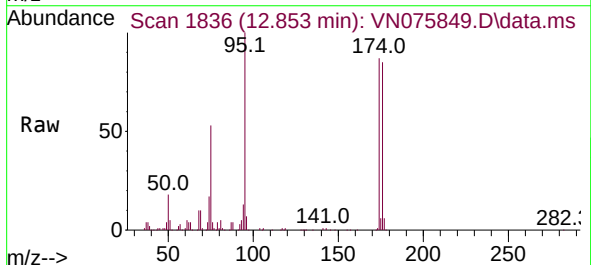
Instrument :
MSVOA_N
ClientSampleId :
MW-2A

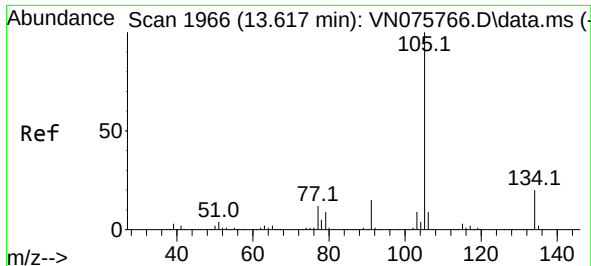
Tgt Ion: 75 Resp: 103222
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.758 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075849.D
Acq: 16 Dec 2022 15:50

Tgt Ion: 75 Resp: 103222
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#

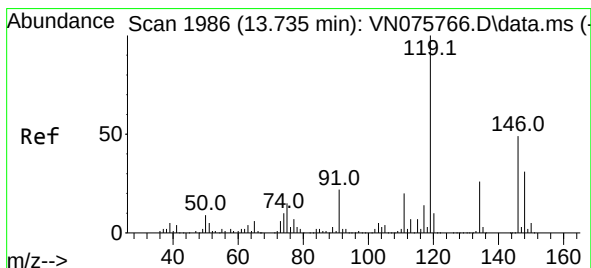
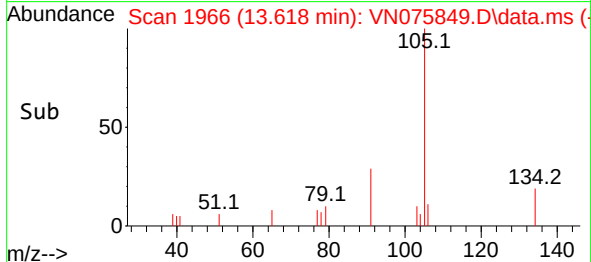
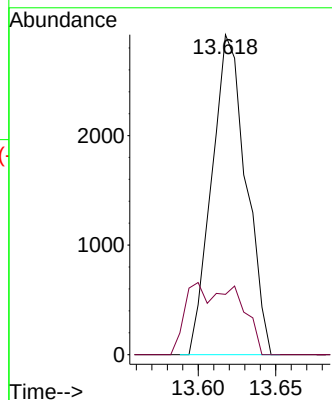
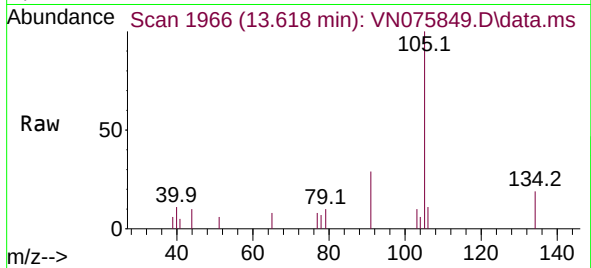




#85
 sec-Butylbenzene
 Concen: 0.294 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN075849.D
 Acq: 16 Dec 2022 15:50

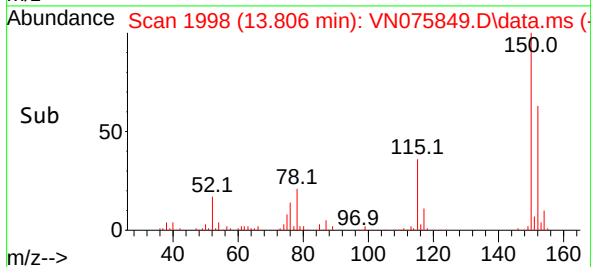
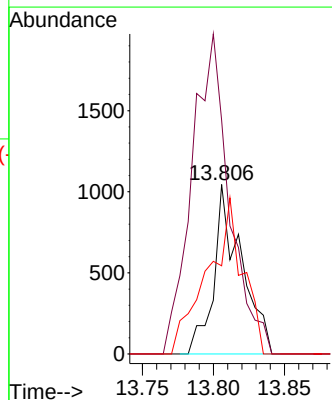
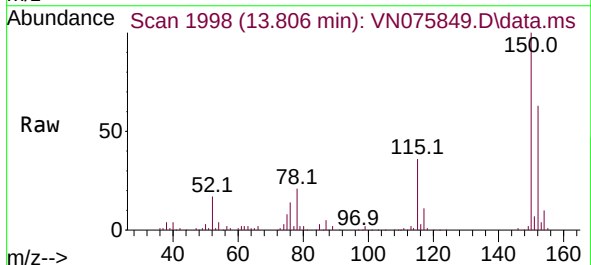
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2A

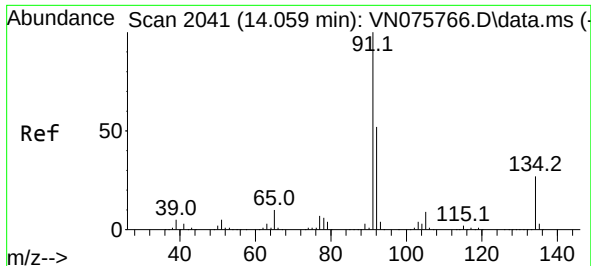
Tgt Ion:105 Resp: 4490
 Ion Ratio Lower Upper
 105 100
 134 15.2 10.1 30.1



#87
 1,3-Dichlorobenzene
 Concen: 0.201 ug/l
 RT: 13.806 min Scan# 1998
 Delta R.T. 0.071 min
 Lab File: VN075849.D
 Acq: 16 Dec 2022 15:50

Tgt Ion:146 Resp: 1407
 Ion Ratio Lower Upper
 146 100
 111 258.3 19.7 59.0#
 148 117.6 31.4 94.2#





#89

n-Butylbenzene

Concen: 0.247 ug/l

RT: 13.994 min Scan# 2100

Delta R.T. -0.065 min

Lab File: VN075849.D

Acq: 16 Dec 2022 15:50

Instrument :

MSVOA_N

ClientSampleId :

MW-2A

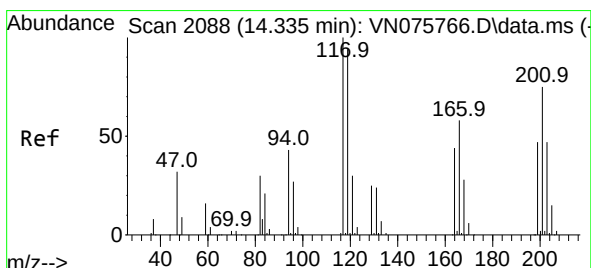
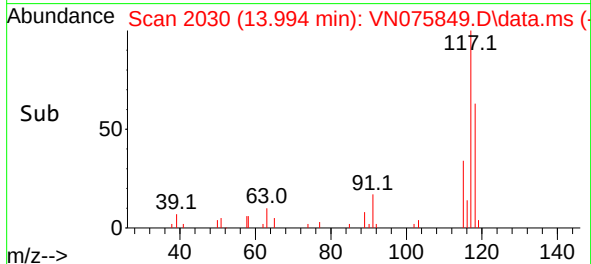
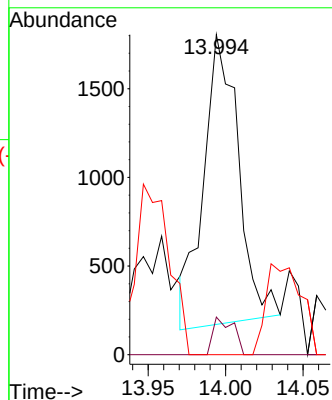
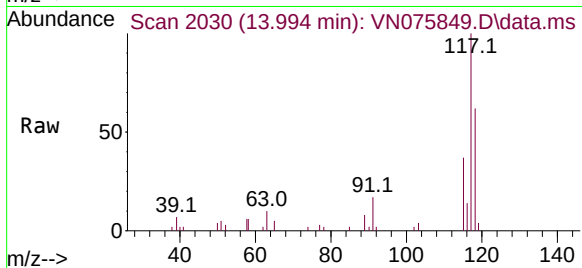
Tgt Ion: 91 Resp: 2550

Ion Ratio Lower Upper

91 100

92 7.6 26.4 79.2#

134 0.0 13.4 40.2#



#90

Hexachloroethane

Concen: 2.066 ug/l

RT: 14.406 min Scan# 2100

Delta R.T. 0.071 min

Lab File: VN075849.D

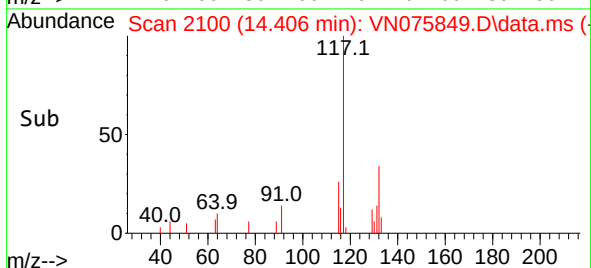
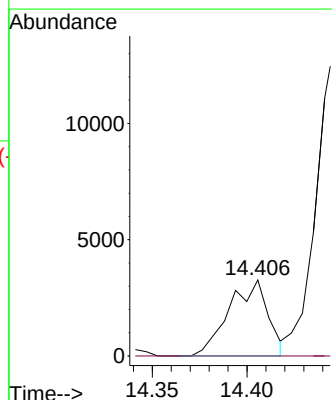
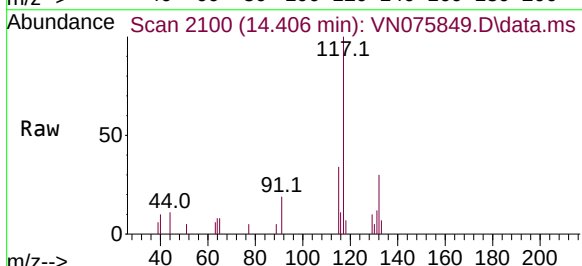
Acq: 16 Dec 2022 15:50

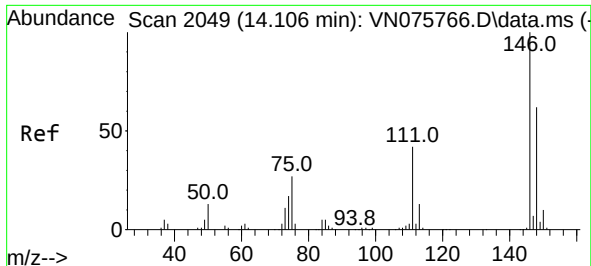
Tgt Ion: 117 Resp: 4701

Ion Ratio Lower Upper

117 100

201 0.0 38.0 114.1#





#91

1,2-Dichlorobenzene

Concen: 0.495 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. 0.000 min

Lab File: VN075849.D

Acq: 16 Dec 2022 15:50

Instrument :

MSVOA_N

ClientSampleId :

MW-2A

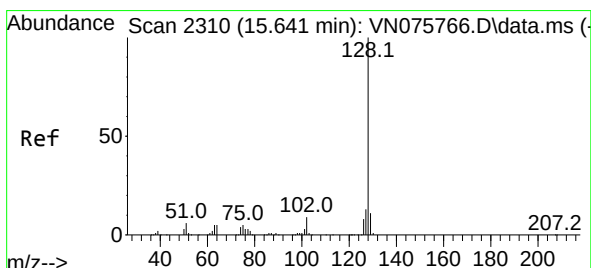
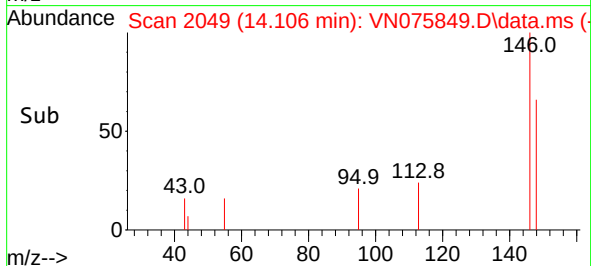
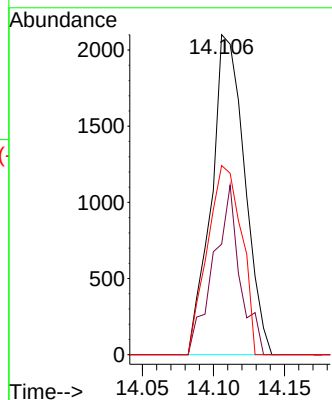
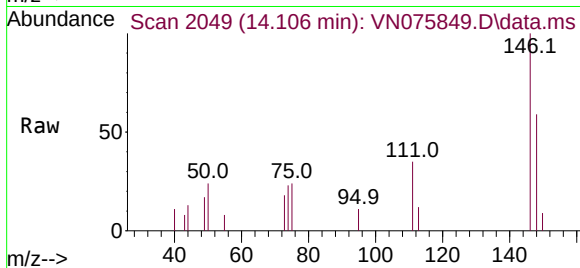
Tgt Ion:146 Resp: 3419

Ion Ratio Lower Upper

146 100

111 42.1 20.3 61.0

148 60.6 31.7 95.1



#95

Naphthalene

Concen: 2.299 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN075849.D

Acq: 16 Dec 2022 15:50

Tgt Ion:128 Resp: 1440

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 0.0 8.7 13.1#

