

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111422\
 Data File : VN075259.D
 Acq On : 14 Nov 2022 12:13
 Operator : JC\MD
 Sample : VN1114WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBL01

Quant Time: Nov 15 03:50:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

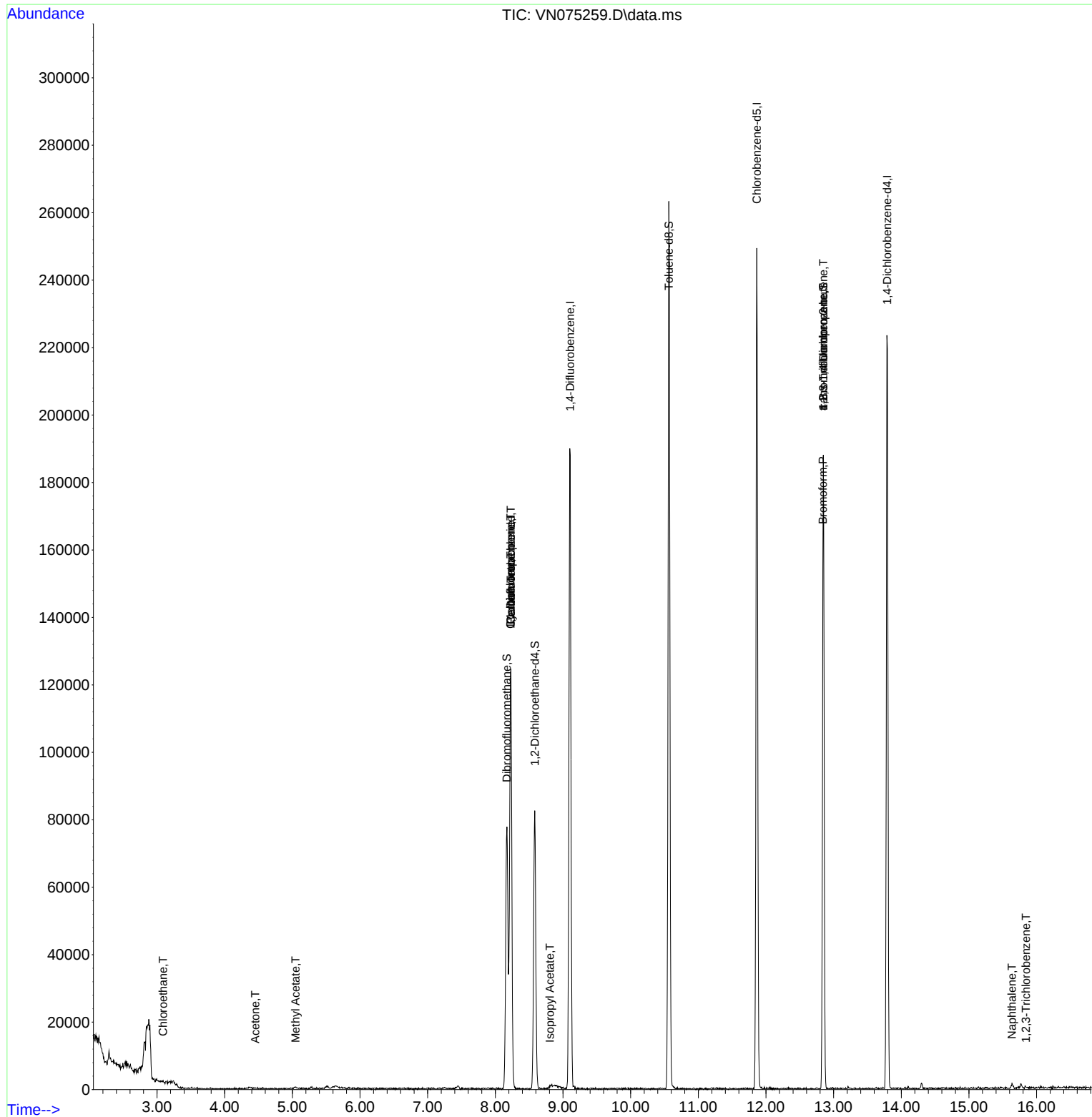
Internal Standards						
1) Pentafluorobenzene	8.229	168	91514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	169431	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	143055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	61827	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	66745	54.130	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.260%	
35) Dibromofluoromethane	8.171	113	57881	58.193	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 116.380%	
50) Toluene-d8	10.565	98	185627	48.103	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.200%	
62) 4-Bromofluorobenzene	12.847	95	63960	47.183	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.360%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.912	94	417	Below Cal	#	5
6) Chloroethane	3.089	64	744	0.575	ug/l #	45
16) Acetone	4.453	43	175	0.335	ug/l #	43
18) Methyl Acetate	5.047	43	939	0.551	ug/l #	59
31) Cyclohexane	8.224	56	2224	1.213	ug/l #	44
36) 1,1-Dichloropropene	8.224	75	7754	5.035	ug/l #	49
38) Carbon Tetrachloride	8.229	117	10540	6.222	ug/l #	12
43) Isopropyl Acetate	8.806	43	555	0.212	ug/l #	53
71) Bromoform	12.841	173	520	0.613	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	35123	26.755	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	35123	68.680	ug/l #	10
95) Naphthalene	15.635	128	1676	0.476	ug/l #	74
96) 1,2,3-Trichlorobenzene	15.841	180	333	0.366	ug/l #	39

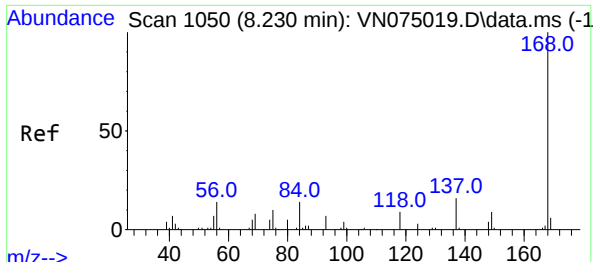
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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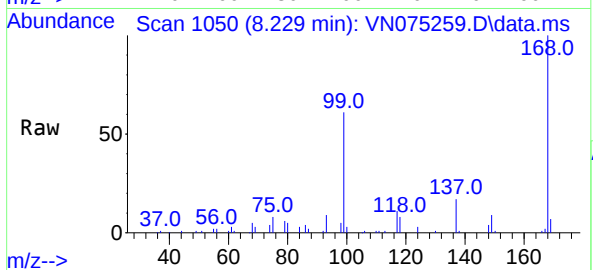
Quant Time: Nov 15 03:50:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 09:48:49 2022
Response via : Initial Calibration



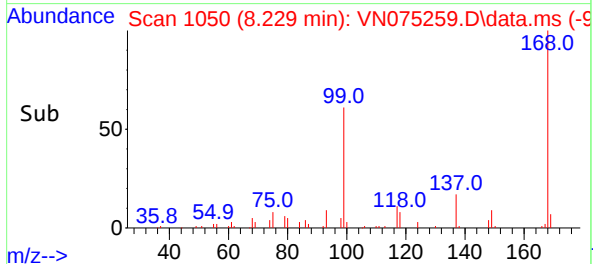
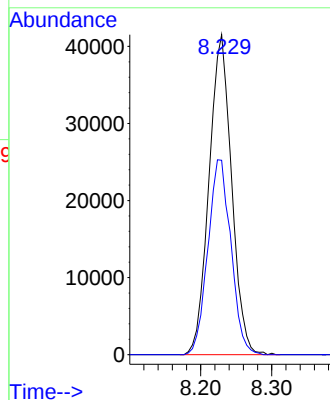


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075259.D
Acq: 14 Nov 2022 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBL01

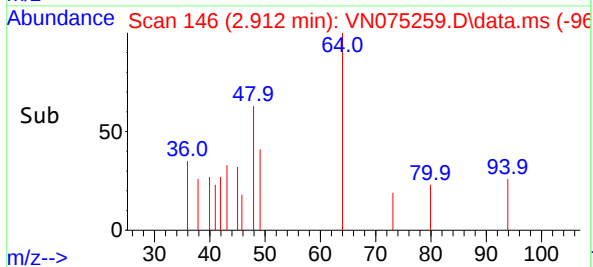
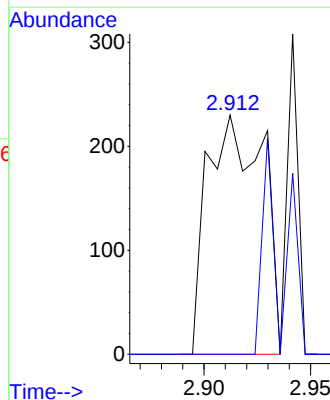
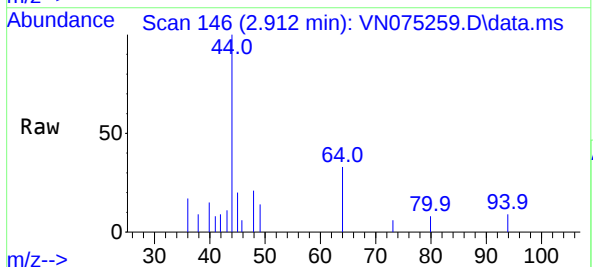


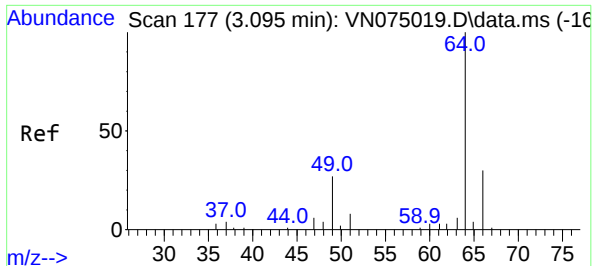
Tgt Ion:168 Resp: 91514
Ion Ratio Lower Upper
168 100
99 60.8 51.6 77.4



#5
Bromomethane
Concen: Below Cal
RT: 2.912 min Scan# 146
Delta R.T. -0.006 min
Lab File: VN075259.D
Acq: 14 Nov 2022 12:13

Tgt Ion: 94 Resp: 417
Ion Ratio Lower Upper
94 100
96 0.0 71.8 107.6#

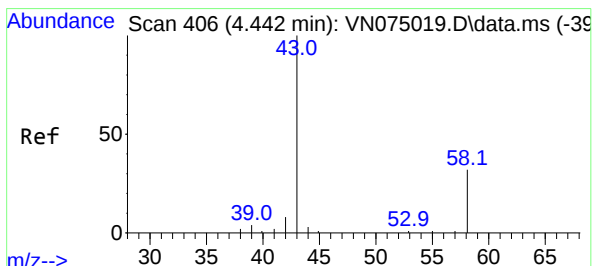
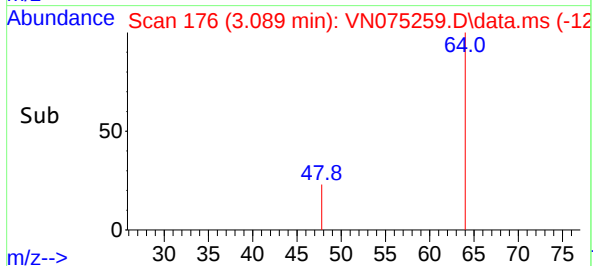
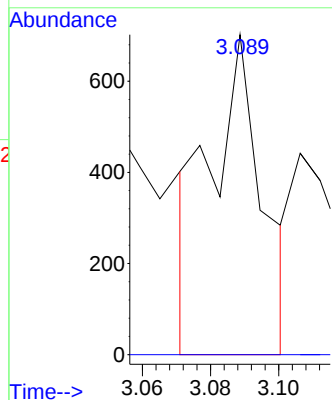
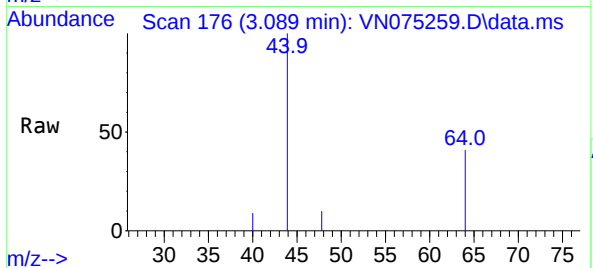




#6
Chloroethane
Concen: 0.575 ug/l
RT: 3.089 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075259.D
Acq: 14 Nov 2022 12:13

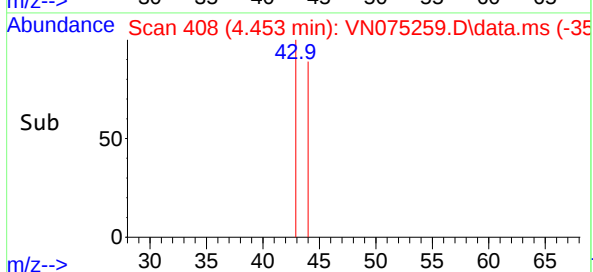
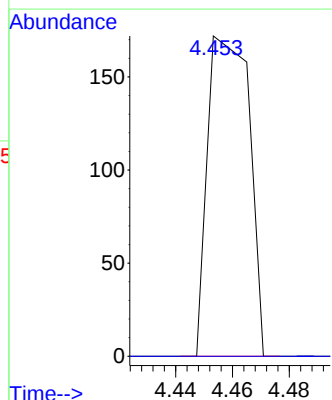
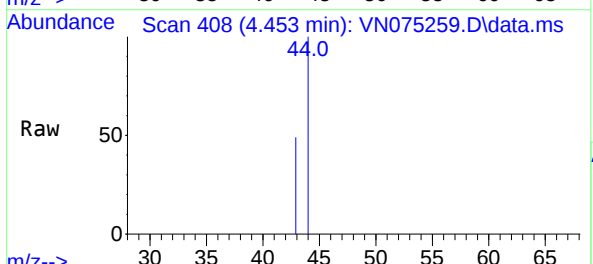
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBL01

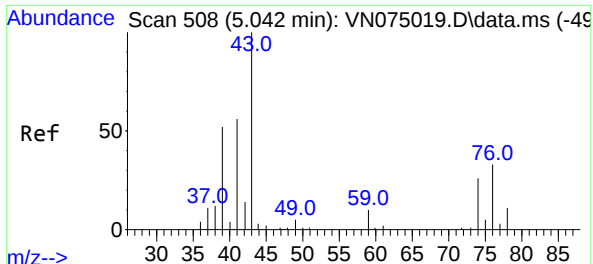
Tgt Ion: 64 Resp: 744
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#



#16
Acetone
Concen: 0.335 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.011 min
Lab File: VN075259.D
Acq: 14 Nov 2022 12:13

Tgt Ion: 43 Resp: 175
Ion Ratio Lower Upper
43 100
58 0.0 25.5 38.3#

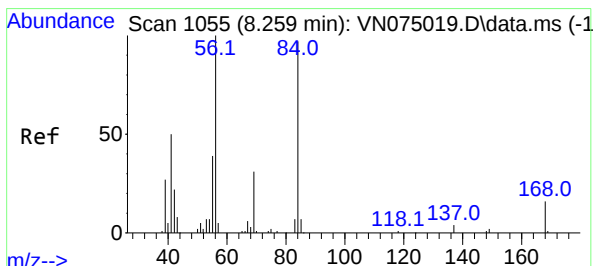
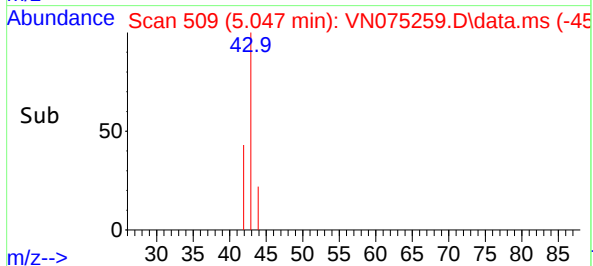
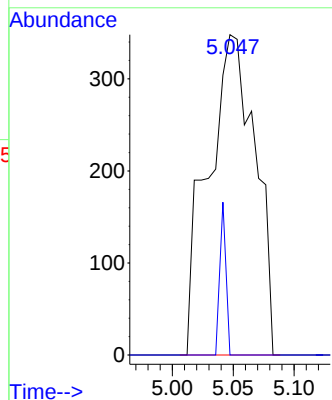
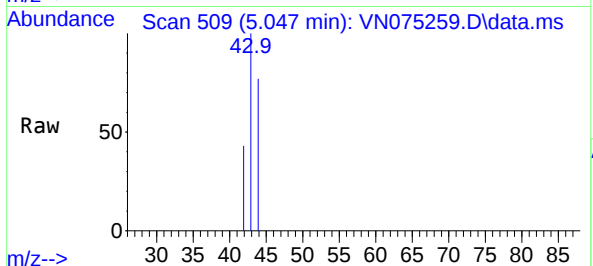




#18
Methyl Acetate
Concen: 0.551 ug/l
RT: 5.047 min Scan# 508
Delta R.T. 0.005 min
Lab File: VN075259.D
Acq: 14 Nov 2022 12:13

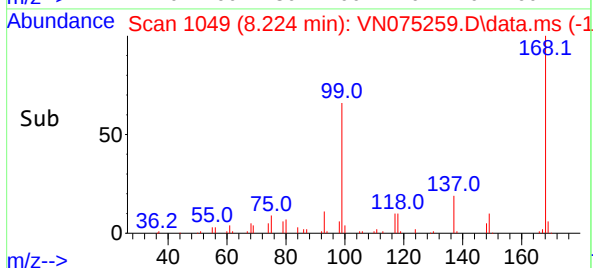
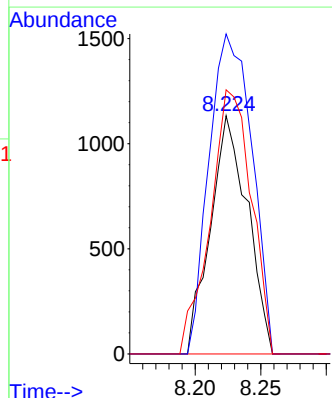
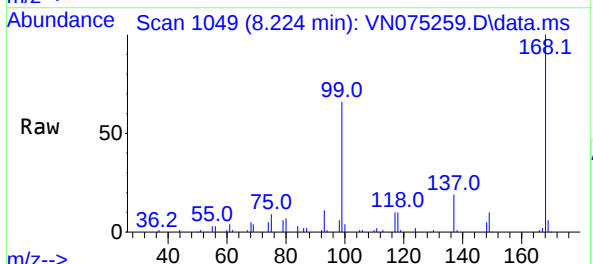
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBL01

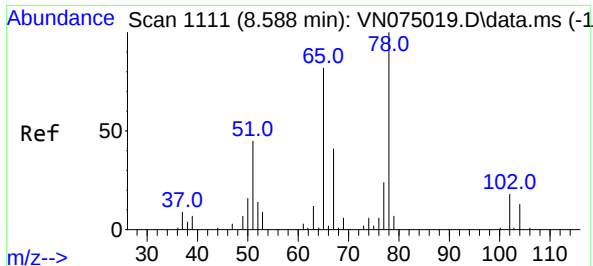
Tgt Ion: 43 Resp: 939
Ion Ratio Lower Upper
43 100
74 6.3 22.0 33.0#



#31
Cyclohexane
Concen: 1.213 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.035 min
Lab File: VN075259.D
Acq: 14 Nov 2022 12:13

Tgt Ion: 56 Resp: 2224
Ion Ratio Lower Upper
56 100
69 134.3 25.2 37.8#
84 110.9 77.8 116.8

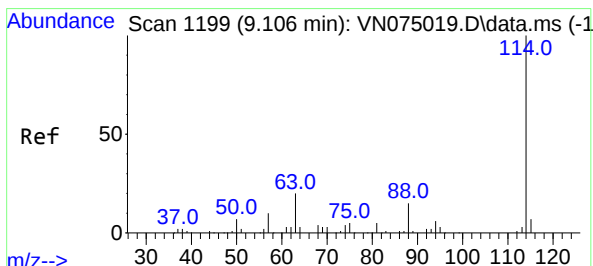
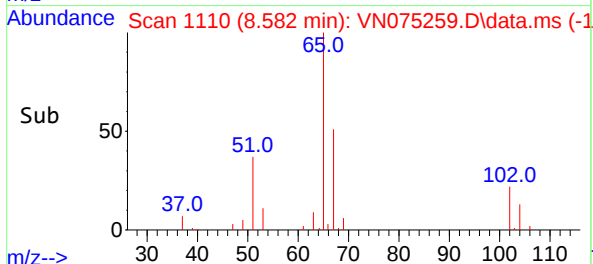
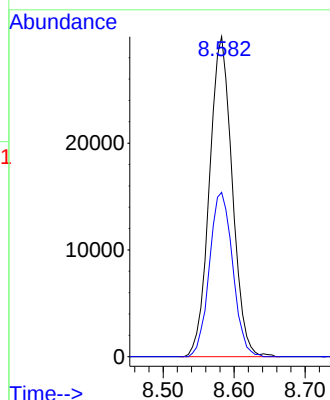
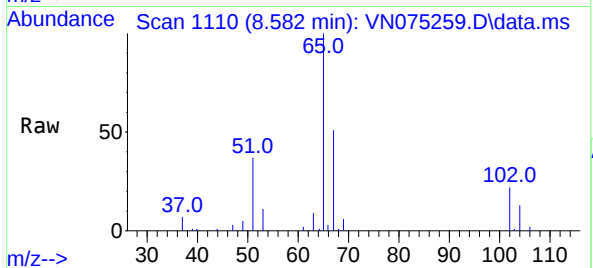




#33
1,2-Dichloroethane-d4
Concen: 54.130 ug/l
RT: 8.582 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN075259.D
Acq: 14 Nov 2022 12:13

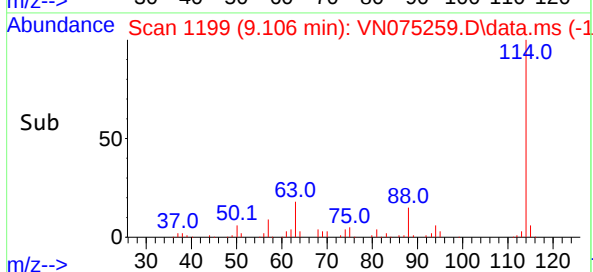
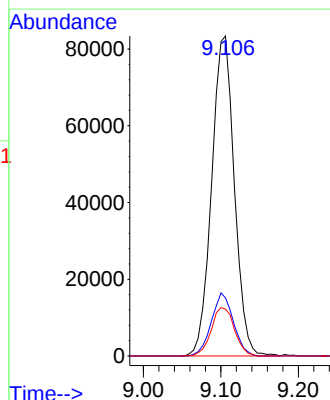
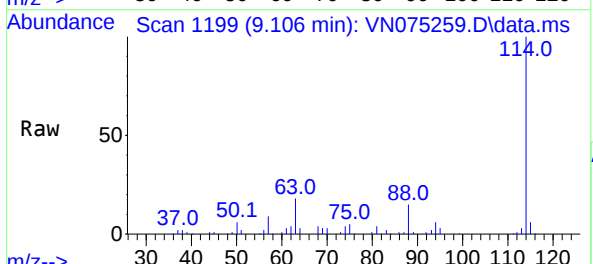
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBL01

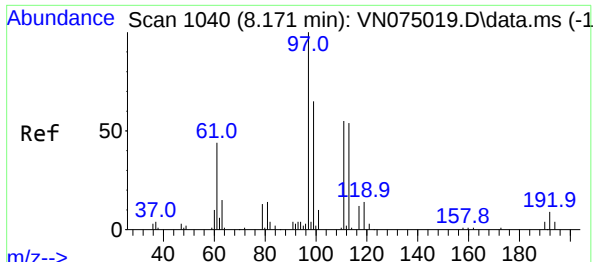
Tgt Ion: 65 Resp: 66745
Ion Ratio Lower Upper
65 100
67 52.4 0.0 102.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN075259.D
Acq: 14 Nov 2022 12:13

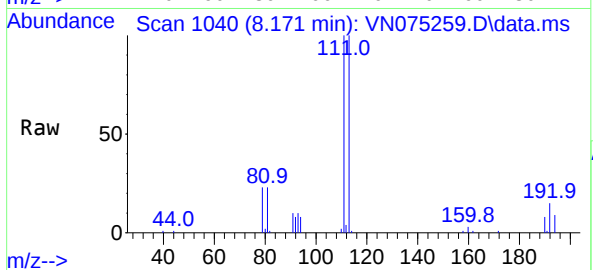
Tgt Ion: 114 Resp: 169431
Ion Ratio Lower Upper
114 100
63 18.1 0.0 39.6
88 14.6 0.0 29.0



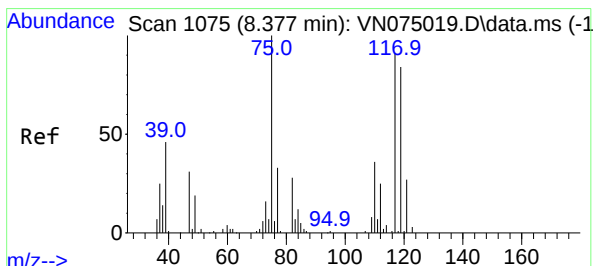
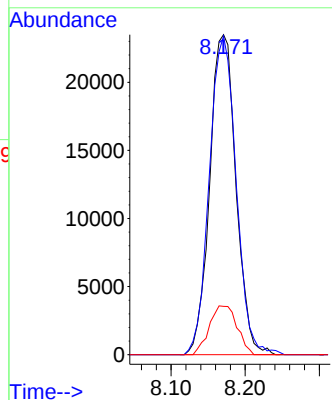
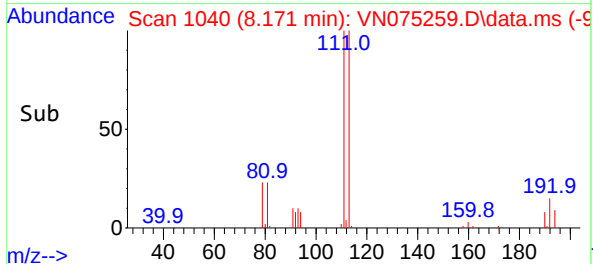


#35
Dibromofluoromethane
Concen: 58.193 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075259.D
Acq: 14 Nov 2022 12:13

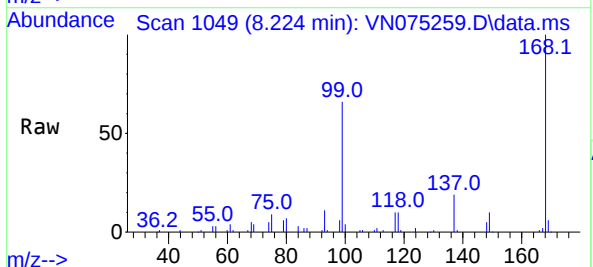
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBL01



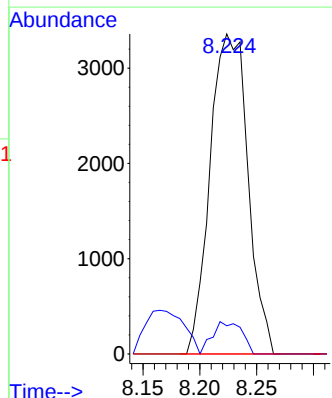
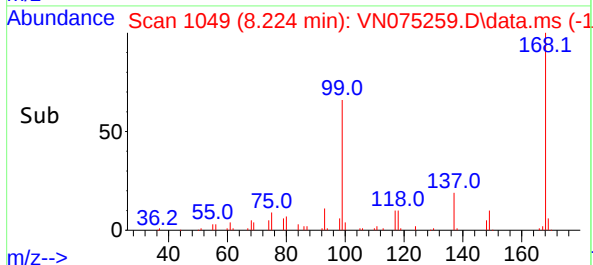
Tgt Ion:113 Resp: 57881
Ion Ratio Lower Upper
113 100
111 101.5 80.5 120.7
192 16.1 13.2 19.8

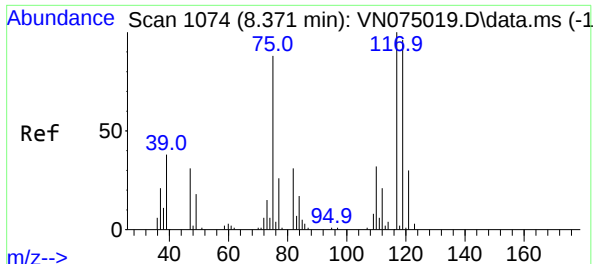


#36
1,1-Dichloropropene
Concen: 5.035 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.153 min
Lab File: VN075259.D
Acq: 14 Nov 2022 12:13



Tgt Ion: 75 Resp: 7754
Ion Ratio Lower Upper
75 100
110 7.8 17.8 53.3#
77 0.0 24.6 37.0#

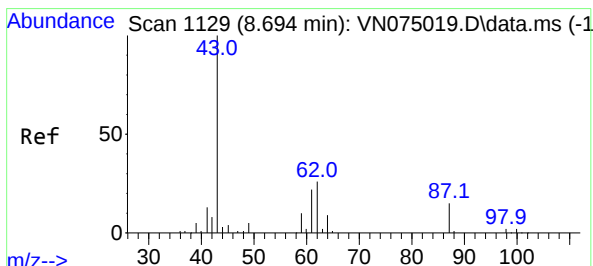
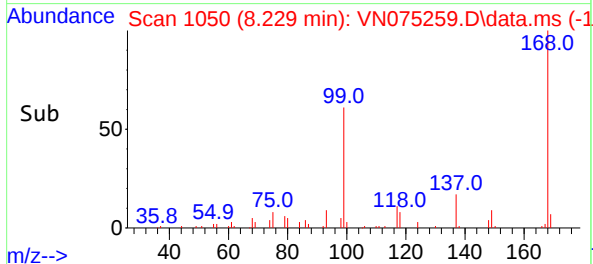
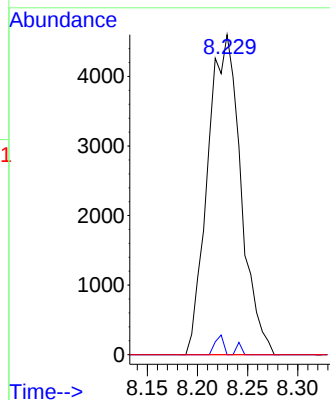
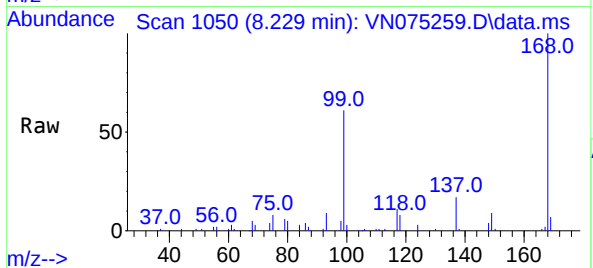




#38
Carbon Tetrachloride
Concen: 6.222 ug/l
RT: 8.229 min Scan# 110
Delta R.T. -0.142 min
Lab File: VN075259.D
Acq: 14 Nov 2022 12:13

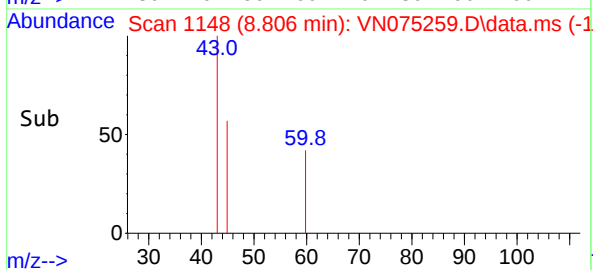
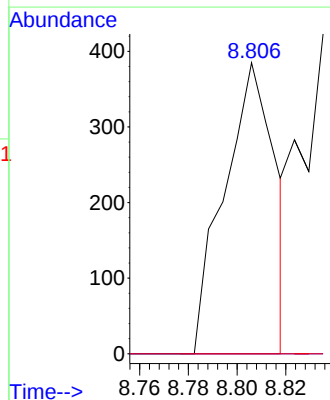
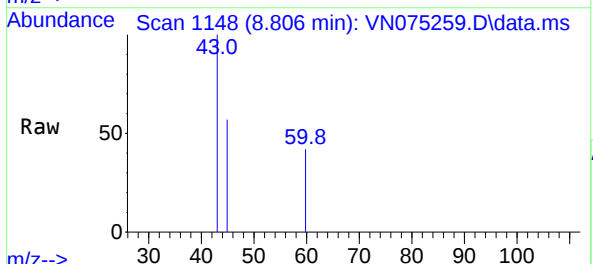
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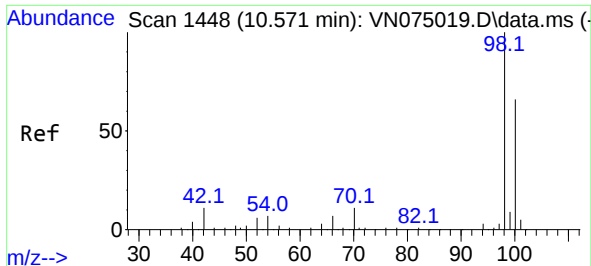
Tgt Ion:117 Resp: 10540
Ion Ratio Lower Upper
117 100
119 0.0 76.7 115.1#
121 0.0 23.9 35.9#



#43
Isopropyl Acetate
Concen: 0.212 ug/l
RT: 8.806 min Scan# 1148
Delta R.T. 0.112 min
Lab File: VN075259.D
Acq: 14 Nov 2022 12:13

Tgt Ion: 43 Resp: 555
Ion Ratio Lower Upper
43 100
61 0.0 22.4 33.6#
87 0.0 12.5 18.7#

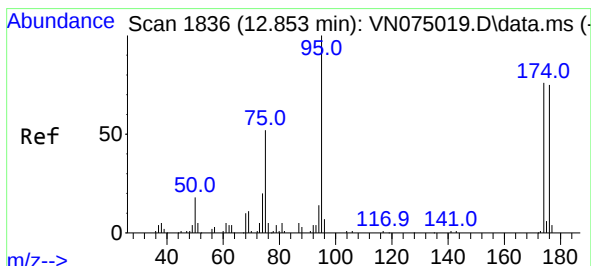
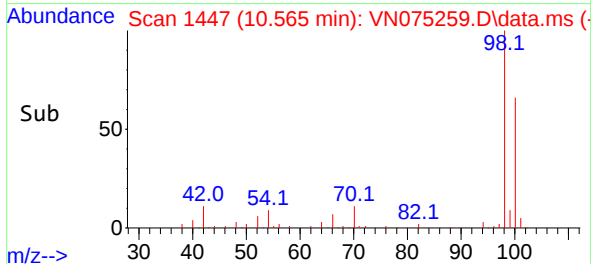
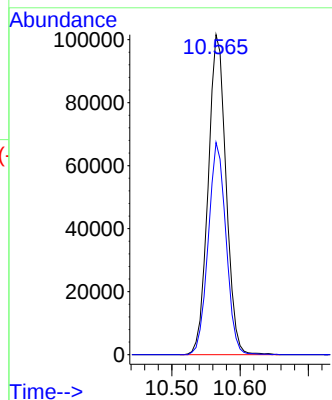
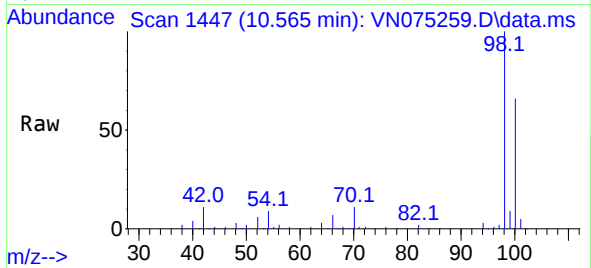




#50
Toluene-d8
Concen: 48.103 ug/l
RT: 10.565 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VN075259.D
Acq: 14 Nov 2022 12:13

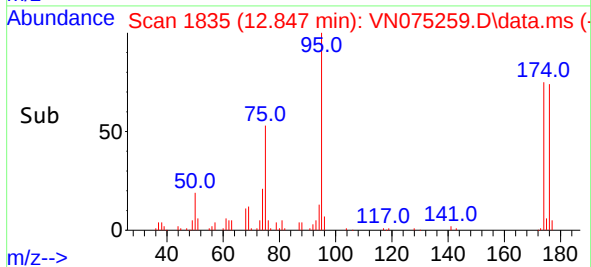
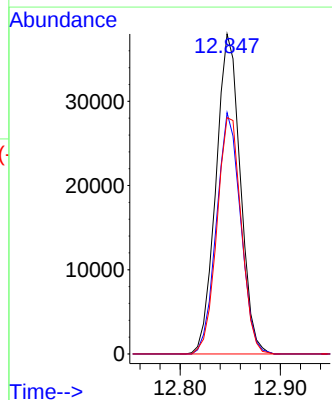
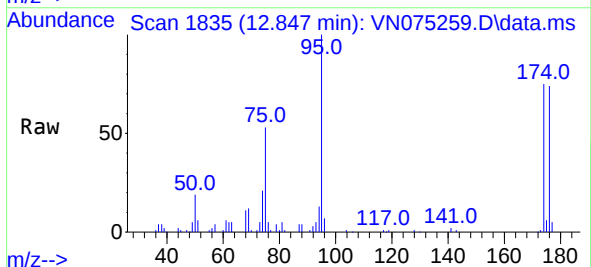
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBL01

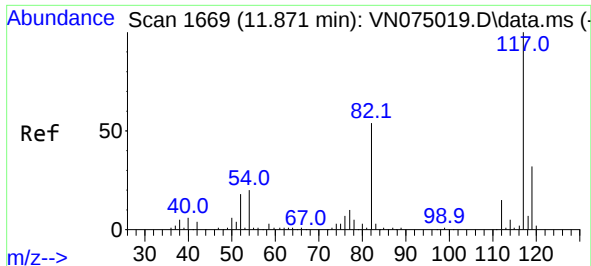
Tgt Ion: 98 Resp: 185627
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 47.183 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075259.D
Acq: 14 Nov 2022 12:13

Tgt Ion: 95 Resp: 63960
Ion Ratio Lower Upper
95 100
174 74.6 0.0 147.4
176 73.7 0.0 142.2

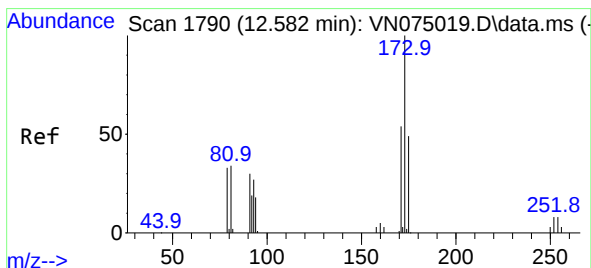
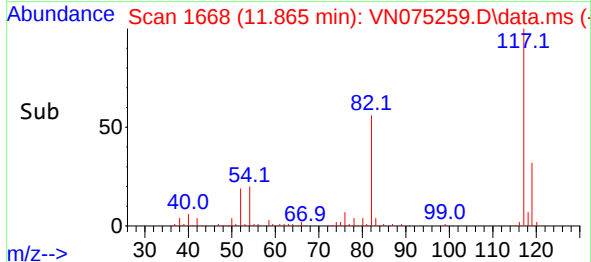
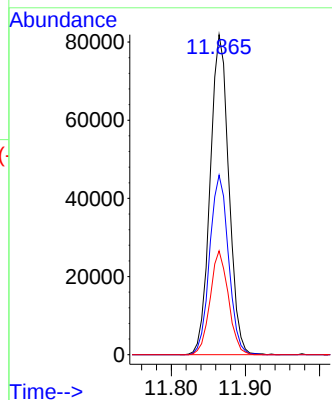
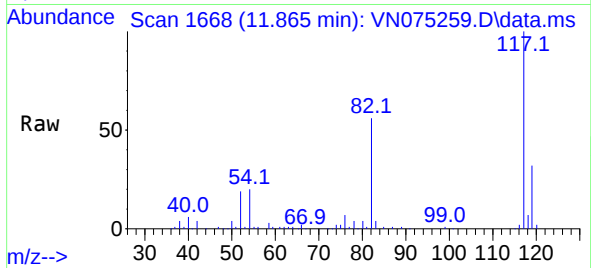




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075259.D
Acq: 14 Nov 2022 12:13

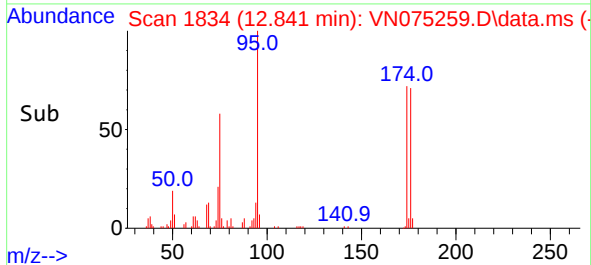
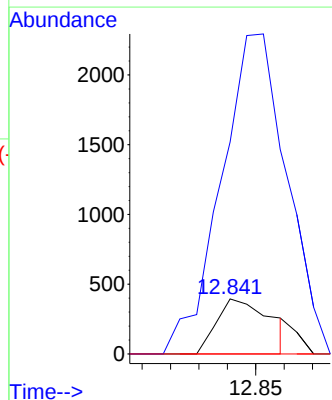
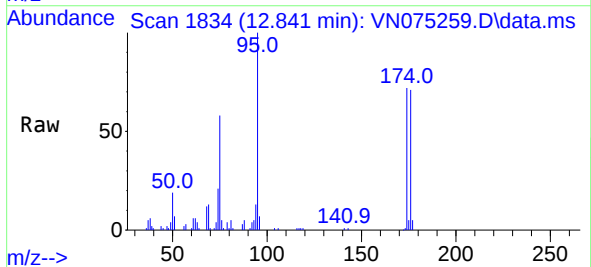
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBL01

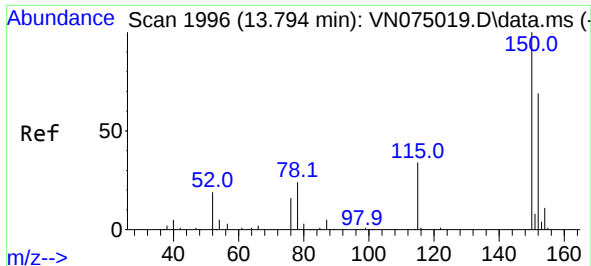
Tgt Ion:117 Resp: 143055
Ion Ratio Lower Upper
117 100
82 56.1 43.1 64.7
119 32.5 25.5 38.3



#71
Bromoform
Concen: 0.613 ug/l
RT: 12.841 min Scan# 1834
Delta R.T. 0.259 min
Lab File: VN075259.D
Acq: 14 Nov 2022 12:13

Tgt Ion:173 Resp: 520
Ion Ratio Lower Upper
173 100
175 618.5 24.6 74.0#
254 0.0 0.0 0.0

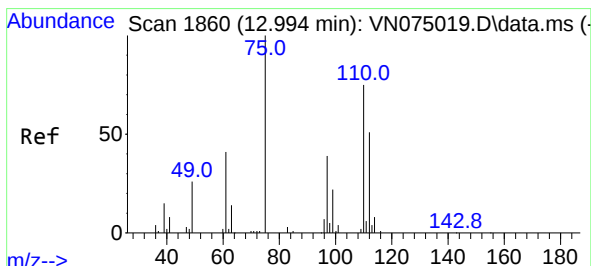
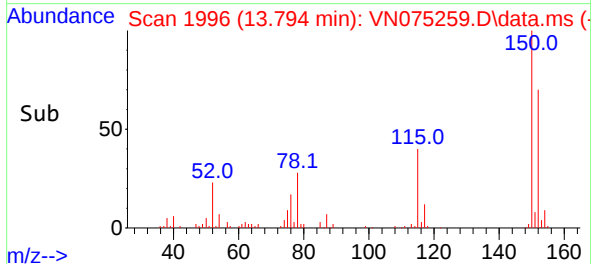
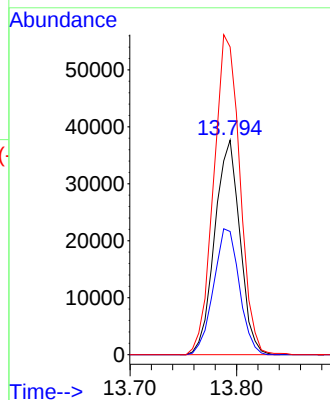
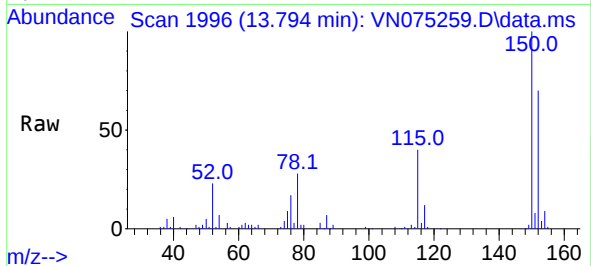




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075259.D
Acq: 14 Nov 2022 12:13

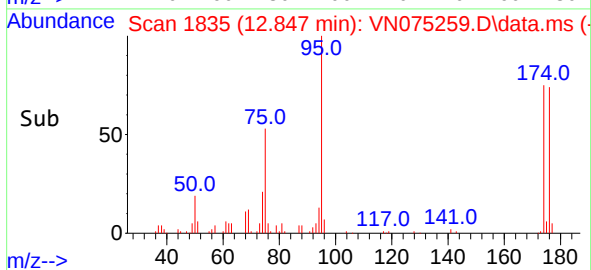
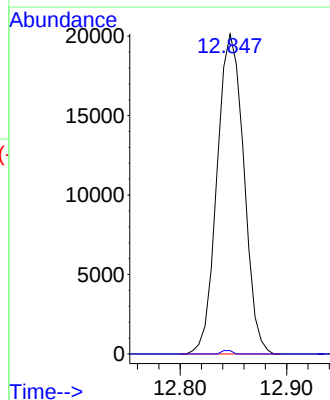
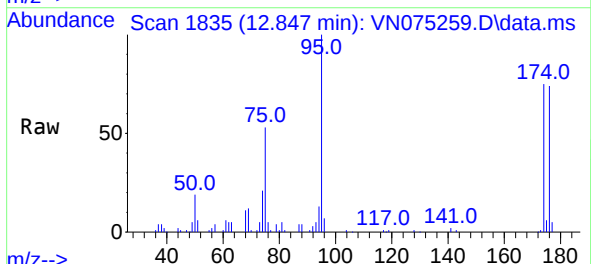
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBL01

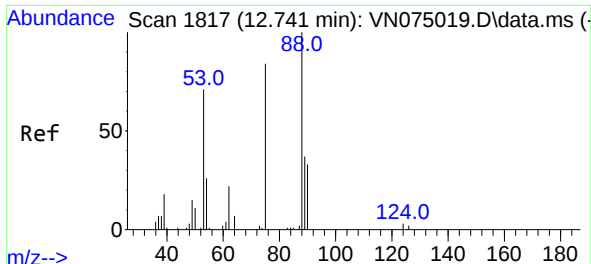
Tgt Ion:152 Resp: 61827
Ion Ratio Lower Upper
152 100
115 60.2 30.2 90.6
150 155.0 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 26.755 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN075259.D
Acq: 14 Nov 2022 12:13

Tgt Ion: 75 Resp: 35123
Ion Ratio Lower Upper
75 100
77 0.4 75.6 226.8#

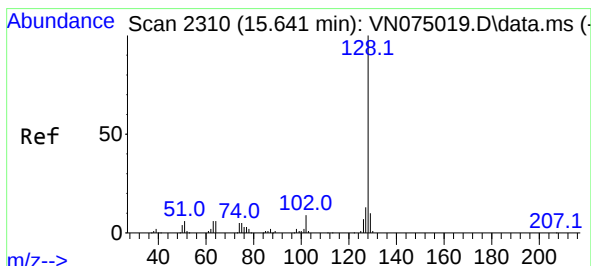
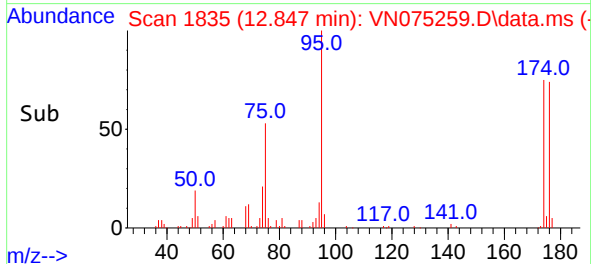
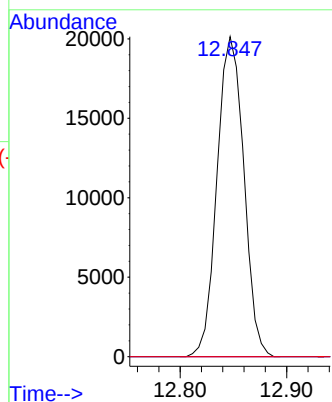
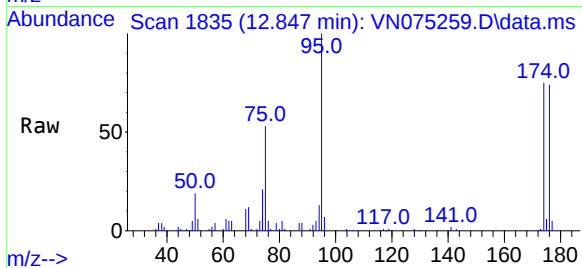




#81
trans-1,4-Dichloro-2-butene
Concen: 68.680 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN075259.D
Acq: 14 Nov 2022 12:13

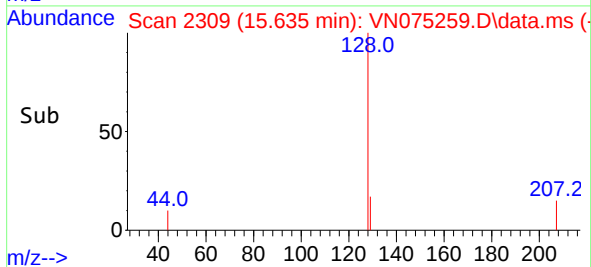
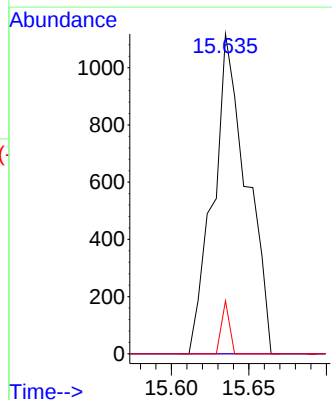
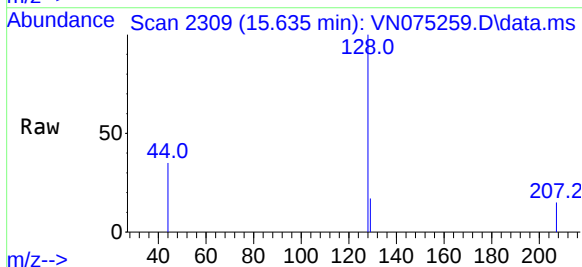
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBL01

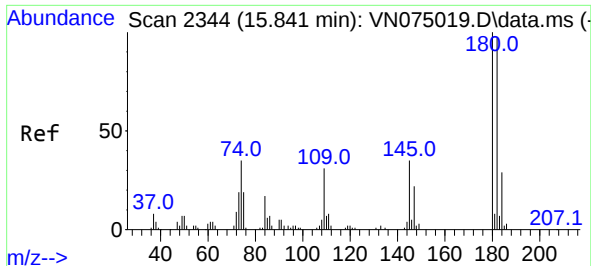
Tgt Ion: 75 Resp: 35123
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#



#95
Naphthalene
Concen: 0.476 ug/l
RT: 15.635 min Scan# 2309
Delta R.T. -0.006 min
Lab File: VN075259.D
Acq: 14 Nov 2022 12:13

Tgt Ion:128 Resp: 1676
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 3.9 8.6 12.8#





#96

1,2,3-Trichlorobenzene

Concen: 0.366 ug/l

RT: 15.841 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN075259.D

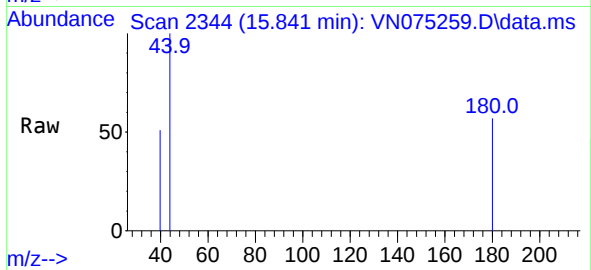
Acq: 14 Nov 2022 12:13

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBL01



Tgt Ion:180 Resp: 333

Ion Ratio Lower Upper

180 100

182 35.7 47.3 141.8#

145 0.0 17.6 52.9#

