

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022522\
 Data File : VN071081.D
 Acq On : 25 Feb 2022 19:45
 Operator : JC\MD
 Sample : N1664-26
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-9

Quant Time: Feb 26 03:45:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

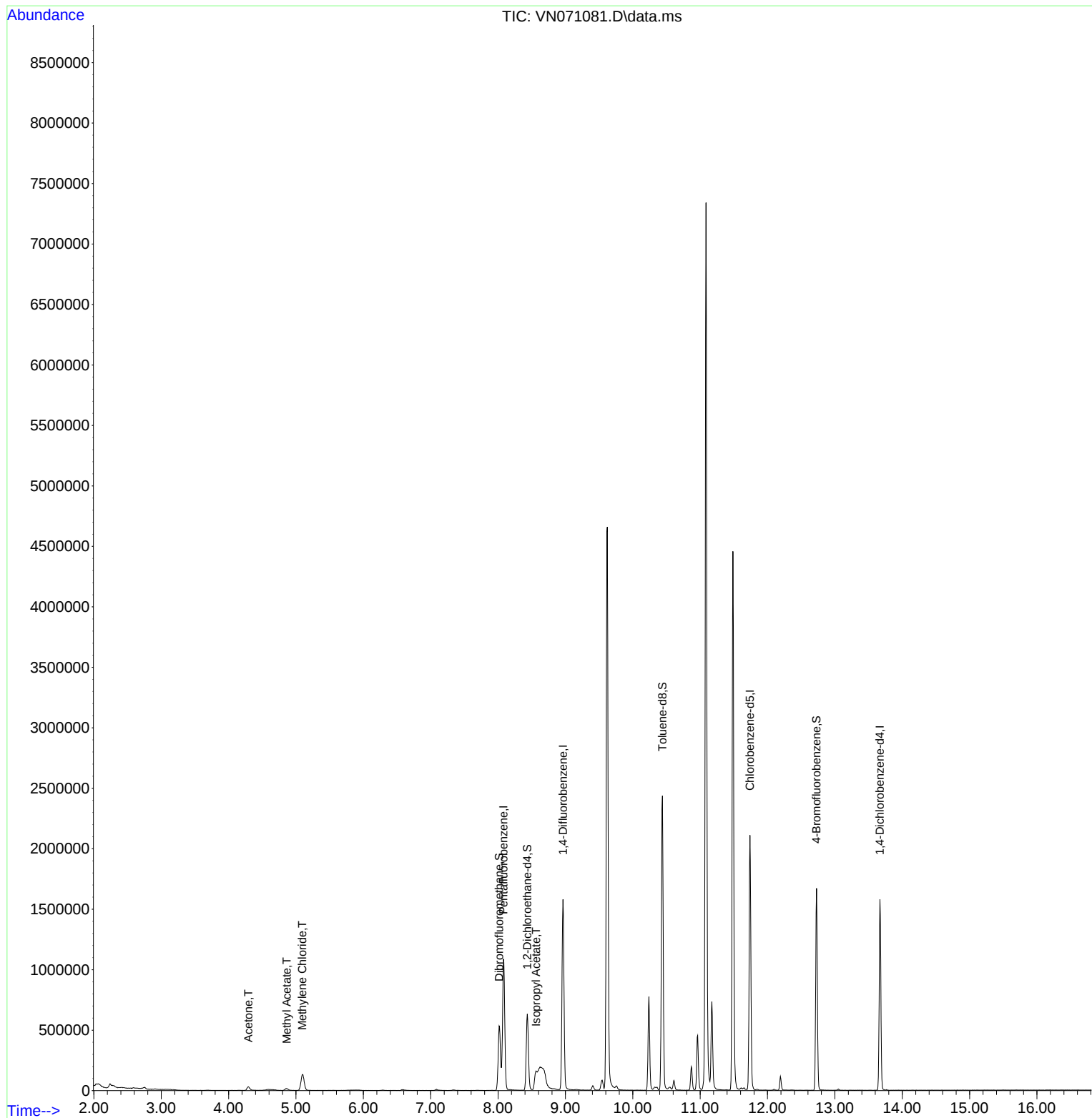
Internal Standards						
1) Pentafluorobenzene	8.080	168	844489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1384687	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1238623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	437875	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	514983	53.384	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	106.760%
35) Dibromofluoromethane	8.016	113	397359	48.246	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.500%
50) Toluene-d8	10.439	98	1685544	50.960	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.920%
62) 4-Bromofluorobenzene	12.727	95	577853	48.877	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.760%
Target Compounds						
					Qvalue	
16) Acetone	4.292	43	54199	10.202	ug/l	91
18) Methyl Acetate	4.863	43	37189	2.626	ug/l	96
20) Methylene Chloride	5.092	84	108210	11.207	ug/l	93
43) Isopropyl Acetate	8.563	43	192715	8.449	ug/l #	75

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

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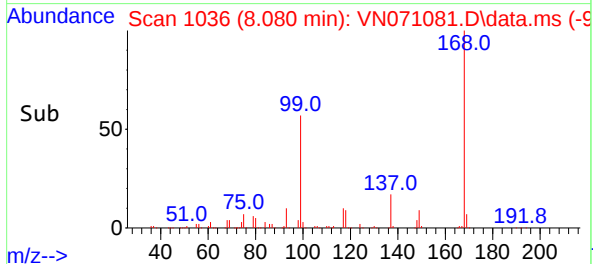
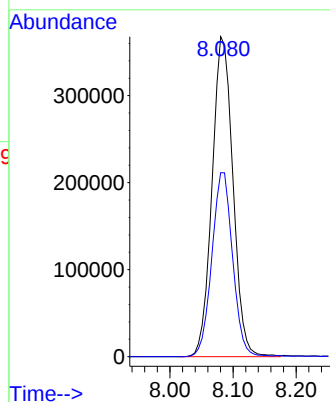
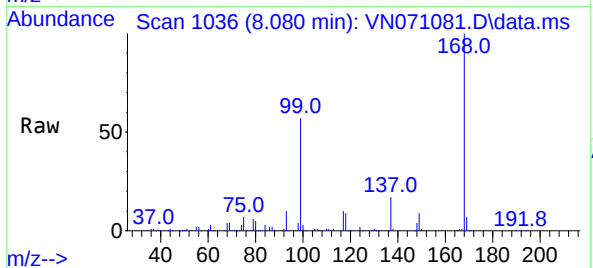




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VN071081.D
Acq: 25 Feb 2022 19:45

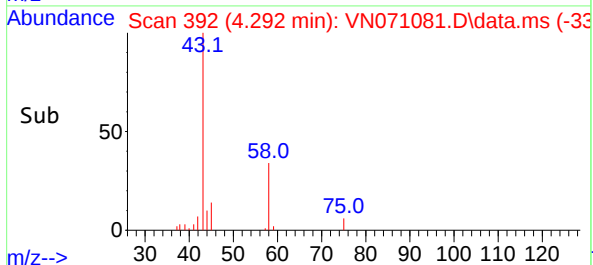
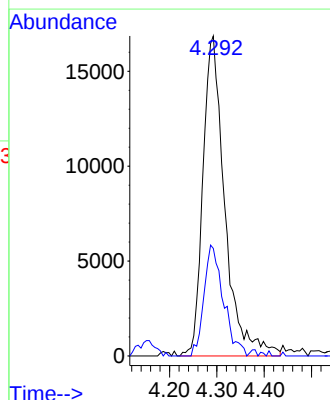
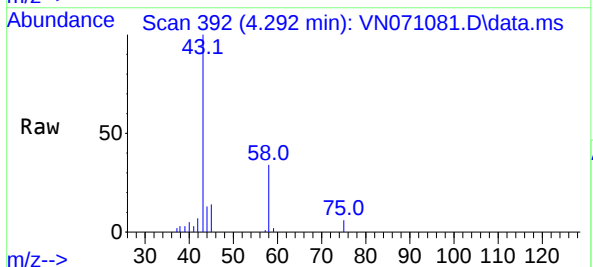
Instrument :
MSVOA_N
ClientSampleId :
TP-9

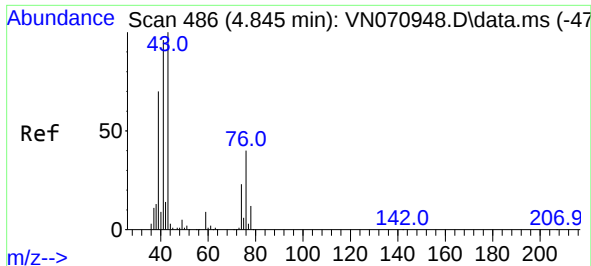
Tgt Ion:168 Resp: 844489
Ion Ratio Lower Upper
168 100
99 57.5 41.3 61.9



#16
Acetone
Concen: 10.202 ug/l
RT: 4.292 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN071081.D
Acq: 25 Feb 2022 19:45

Tgt Ion: 43 Resp: 54199
Ion Ratio Lower Upper
43 100
58 33.6 23.1 34.7





#18

Methyl Acetate

Concen: 2.626 ug/l

RT: 4.863 min Scan# 489

Delta R.T. 0.018 min

Lab File: VN071081.D

Acq: 25 Feb 2022 19:45

Instrument :

MSVOA_N

ClientSampleId :

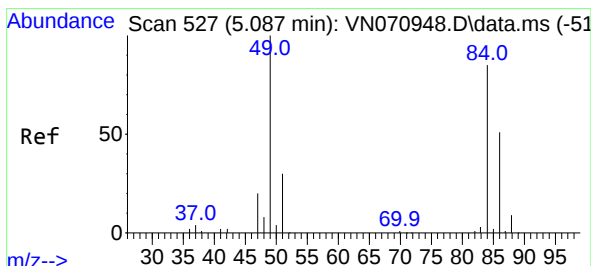
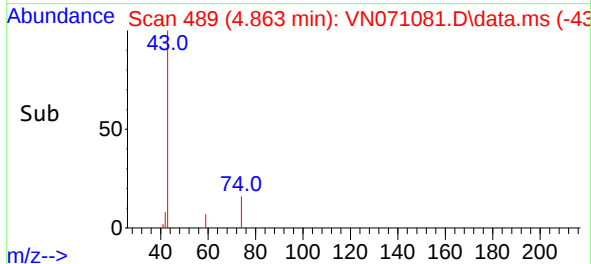
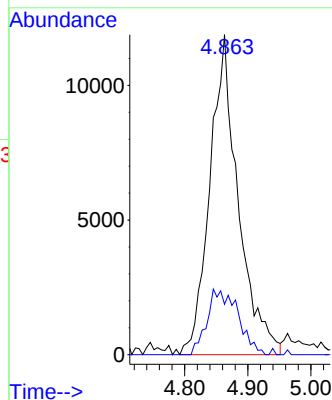
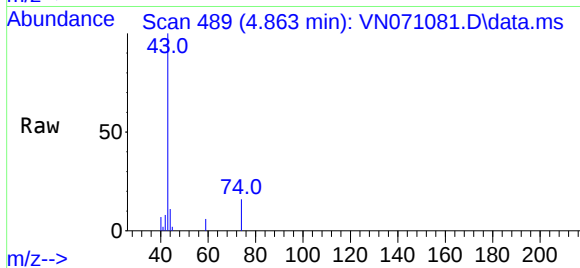
TP-9

Tgt Ion: 43 Resp: 37189

Ion Ratio Lower Upper

43 100

74 22.2 19.4 29.2



#20

Methylene Chloride

Concen: 11.207 ug/l

RT: 5.092 min Scan# 528

Delta R.T. 0.006 min

Lab File: VN071081.D

Acq: 25 Feb 2022 19:45

Tgt Ion: 84 Resp: 108210

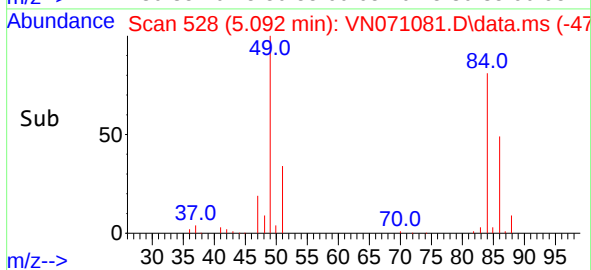
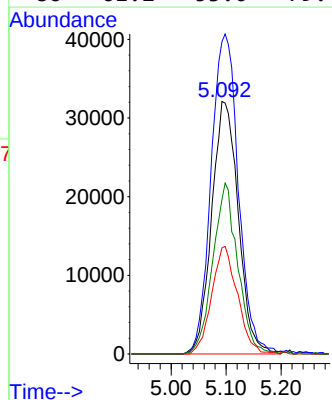
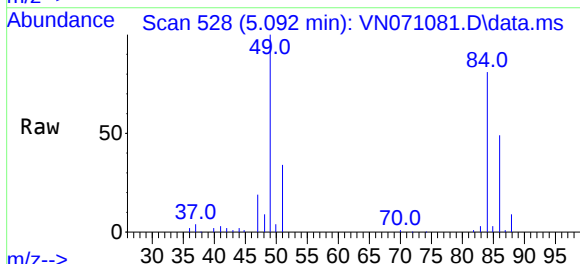
Ion Ratio Lower Upper

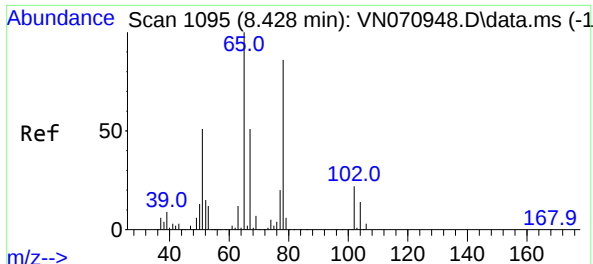
84 100

49 123.6 93.5 140.3

51 42.0 29.4 44.2

86 61.2 53.0 79.4

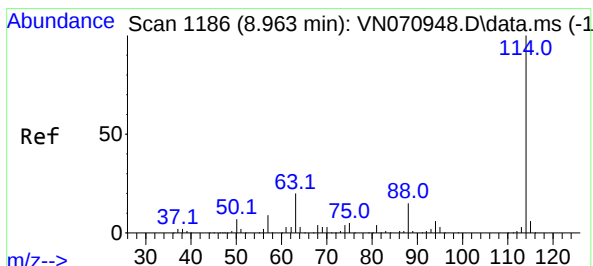
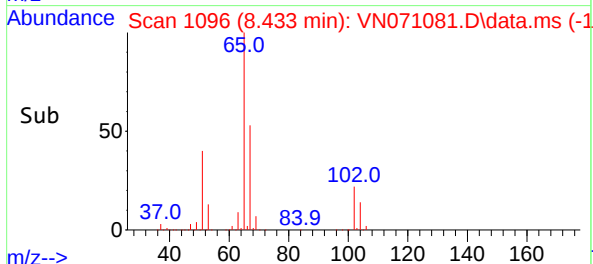
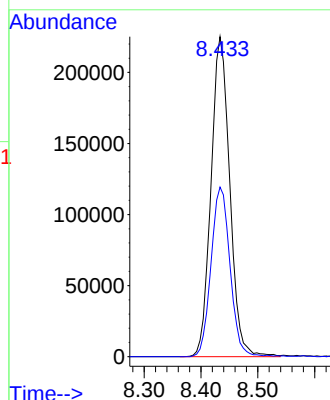
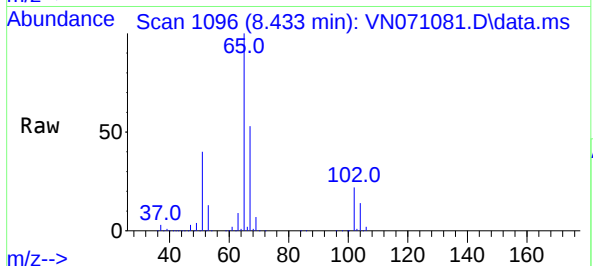




#33
1,2-Dichloroethane-d4
Concen: 53.384 ug/l
RT: 8.433 min Scan# 1095
Delta R.T. 0.006 min
Lab File: VN071081.D
Acq: 25 Feb 2022 19:45

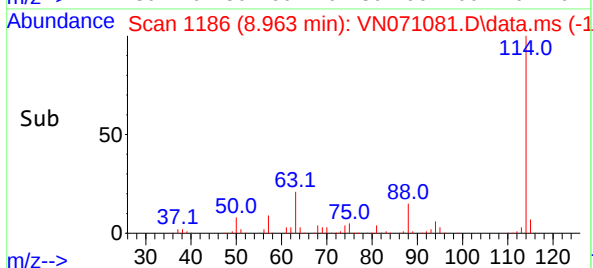
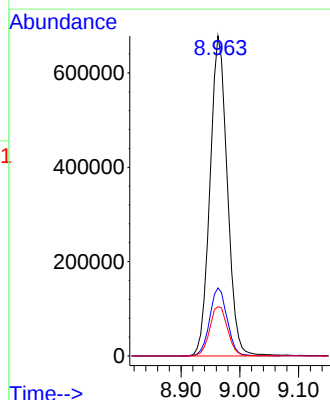
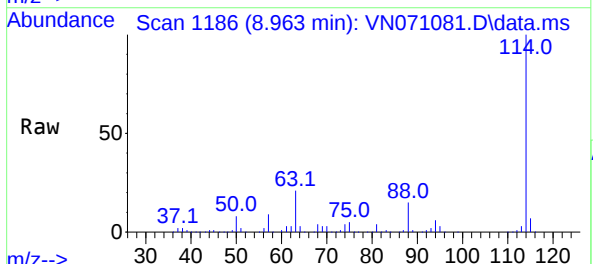
Instrument :
MSVOA_N
ClientSampleId :
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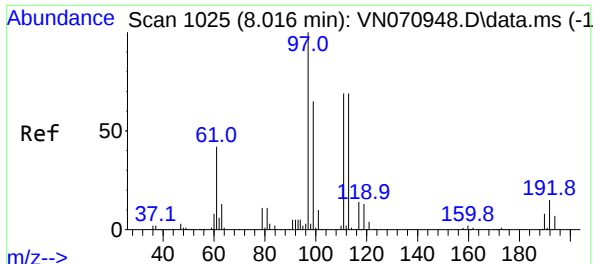
Tgt Ion: 65 Resp: 514983
Ion Ratio Lower Upper
65 100
67 53.9 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071081.D
Acq: 25 Feb 2022 19:45

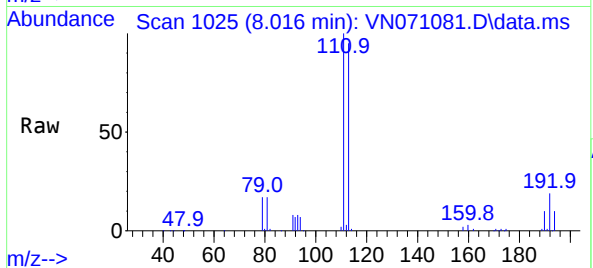
Tgt Ion:114 Resp: 1384687
Ion Ratio Lower Upper
114 100
63 21.2 0.0 37.8
88 15.4 0.0 27.4



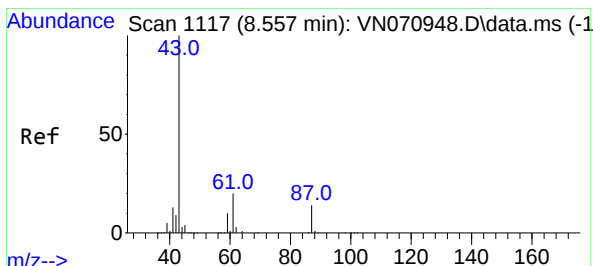
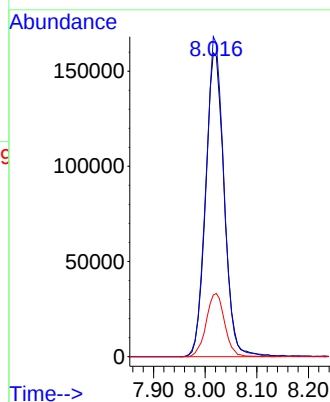
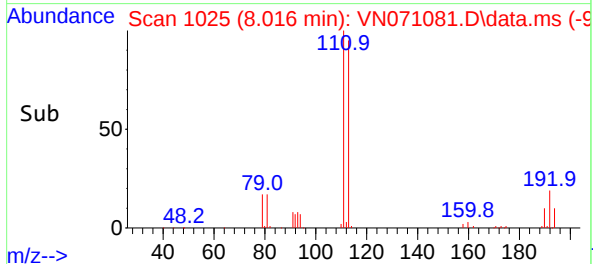


#35
Dibromofluoromethane
Concen: 48.246 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071081.D
Acq: 25 Feb 2022 19:45

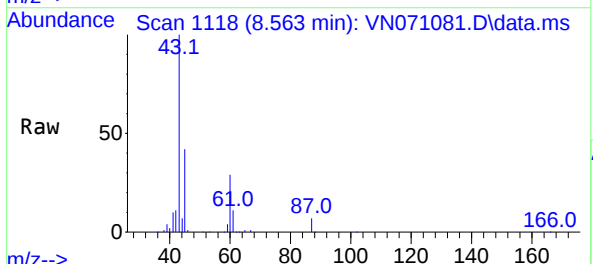
Instrument :
MSVOA_N
ClientSampleId :
TP-9



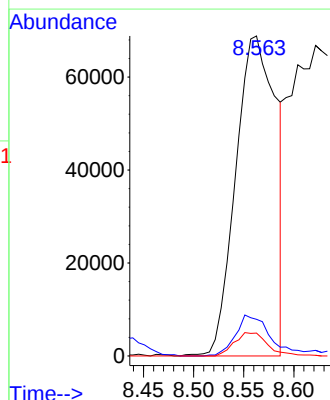
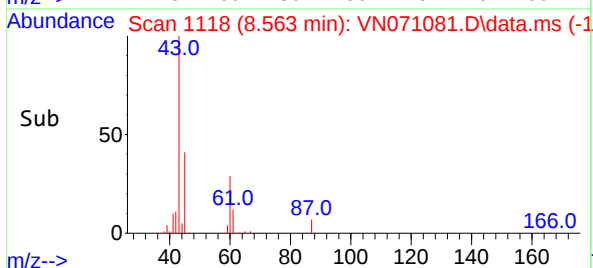
Tgt Ion:113 Resp: 397359
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 20.8 16.9 25.3

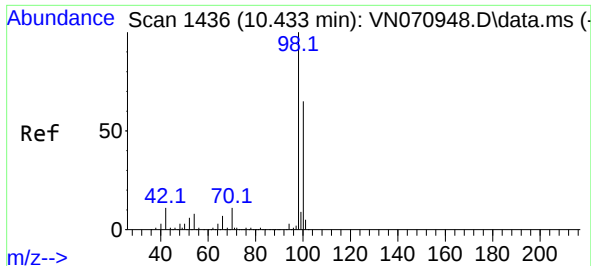


#43
Isopropyl Acetate
Concen: 8.449 ug/l
RT: 8.563 min Scan# 1118
Delta R.T. 0.006 min
Lab File: VN071081.D
Acq: 25 Feb 2022 19:45



Tgt Ion: 43 Resp: 192715
Ion Ratio Lower Upper
43 100
61 11.1 20.4 30.6#
87 6.0 11.2 16.8#

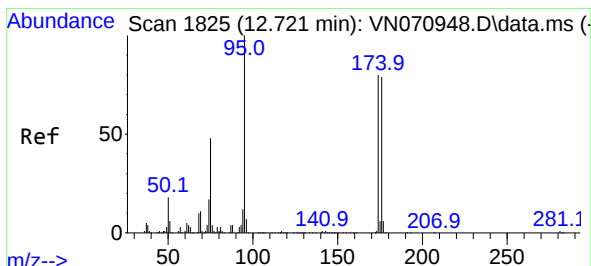
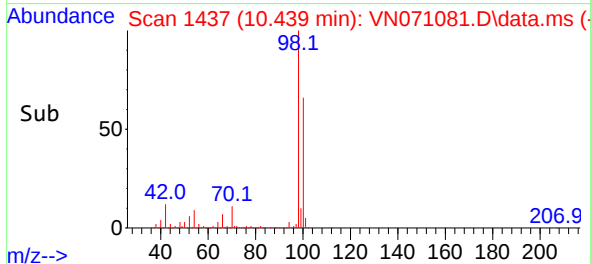
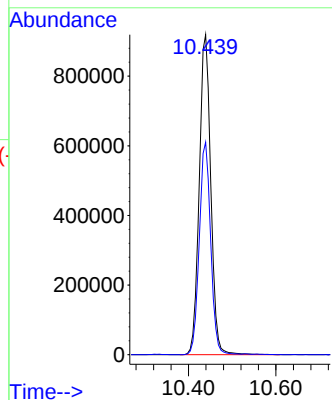
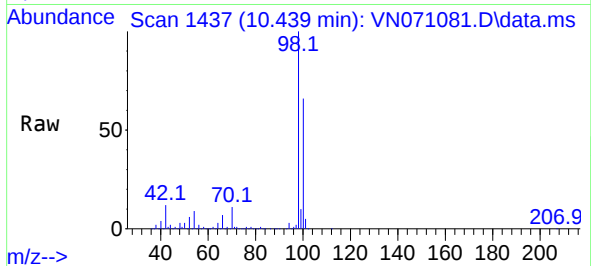




#50
Toluene-d8
Concen: 50.960 ug/l
RT: 10.439 min Scan# 1436
Delta R.T. 0.006 min
Lab File: VN071081.D
Acq: 25 Feb 2022 19:45

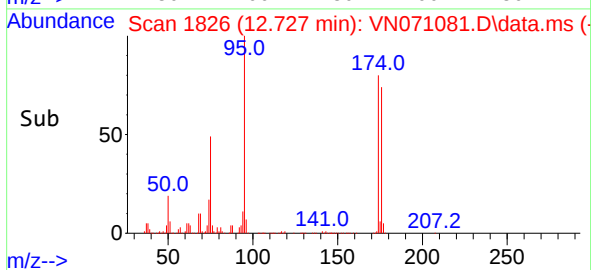
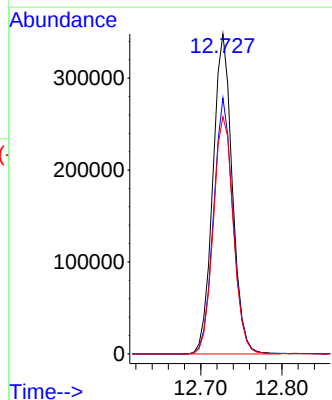
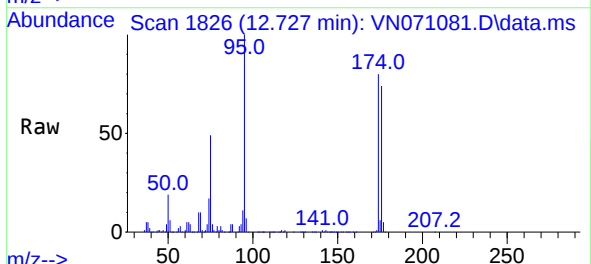
Instrument :
MSVOA_N
ClientSampleId :
TP-9

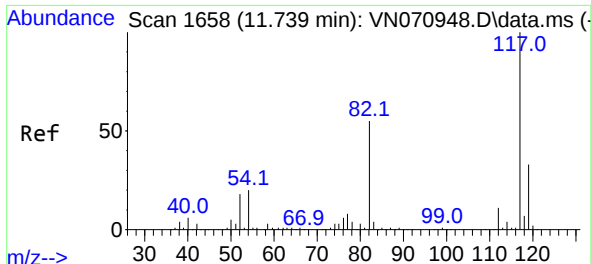
Tgt Ion: 98 Resp: 1685544
Ion Ratio Lower Upper
98 100
100 65.5 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 48.877 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071081.D
Acq: 25 Feb 2022 19:45

Tgt Ion: 95 Resp: 577853
Ion Ratio Lower Upper
95 100
174 80.3 0.0 187.2
176 76.7 0.0 181.4

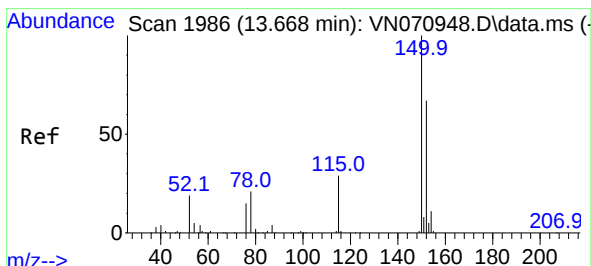
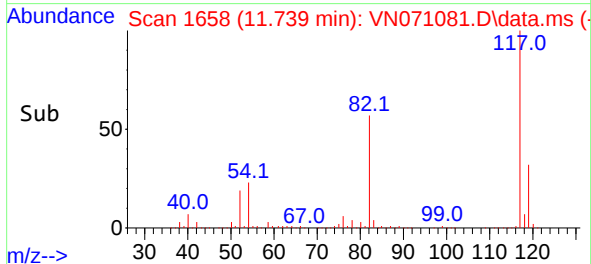
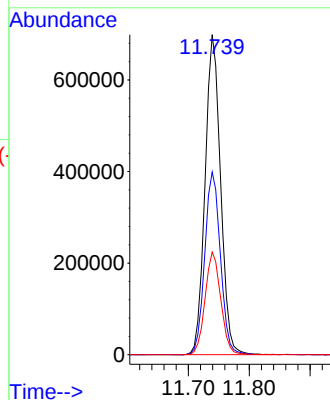
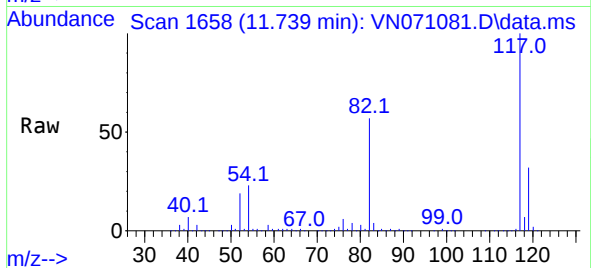




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071081.D
Acq: 25 Feb 2022 19:45

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 1238623
Ion Ratio Lower Upper
117 100
82 57.1 42.4 63.6
119 32.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071081.D
Acq: 25 Feb 2022 19:45

Tgt Ion:152 Resp: 437875
Ion Ratio Lower Upper
152 100
115 58.1 27.5 82.5
150 157.3 0.0 344.4

