

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042922\
 Data File : VN072264.D
 Acq On : 29 Apr 2022 12:58
 Operator : JC\MD
 Sample : N2617-16DL 4X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-17IRDL

Quant Time: Apr 30 03:12:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

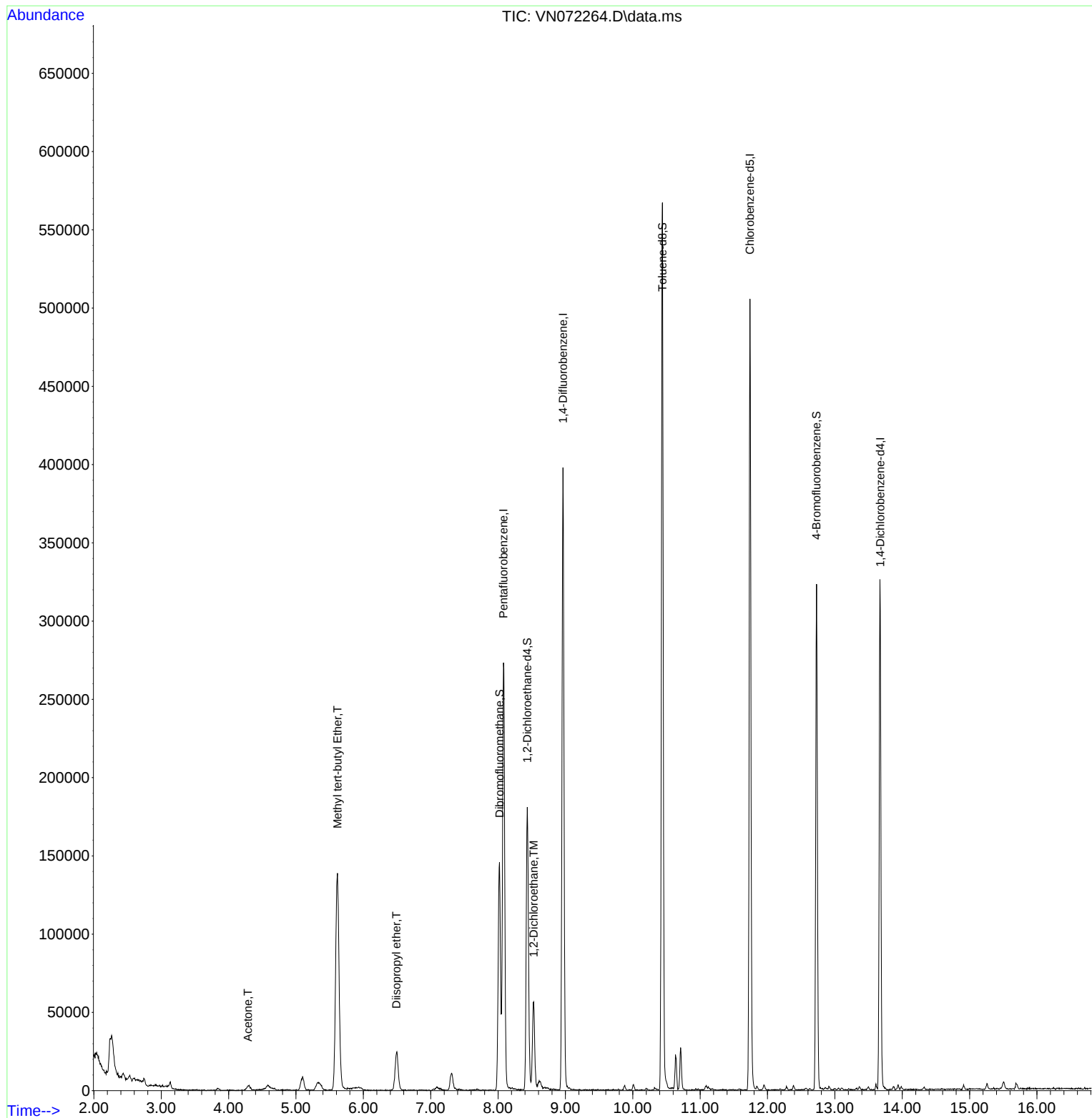
Internal Standards						
1) Pentafluorobenzene	8.081	168	189728	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	324480	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	279299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	87510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	162397	55.754	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	111.500%
35) Dibromofluoromethane	8.022	113	106481	51.270	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.540%
50) Toluene-d8	10.439	98	385254	47.208	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.420%
62) 4-Bromofluorobenzene	12.727	95	113428	41.875	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	83.760%
Target Compounds						
					Qvalue	
16) Acetone	4.287	43	5370	4.276	ug/l	# 74
19) Methyl tert-butyl Ether	5.616	73	235024	33.088	ug/l	97
22) Diisopropyl ether	6.492	45	30893	3.986	ug/l	92
42) 1,2-Dichloroethane	8.528	62	54437	15.164	ug/l	96

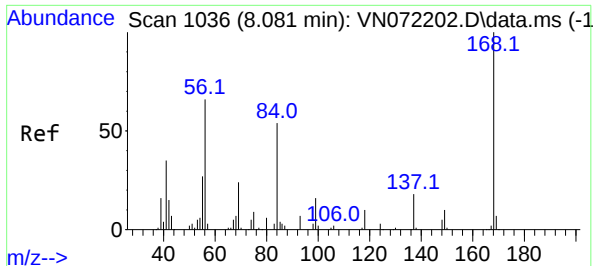
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

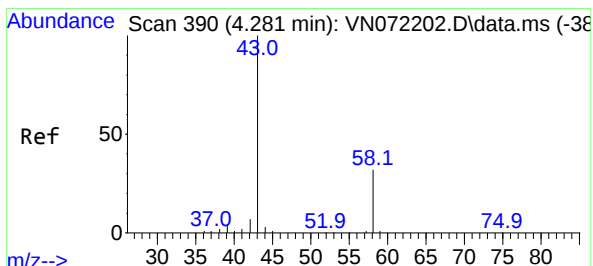
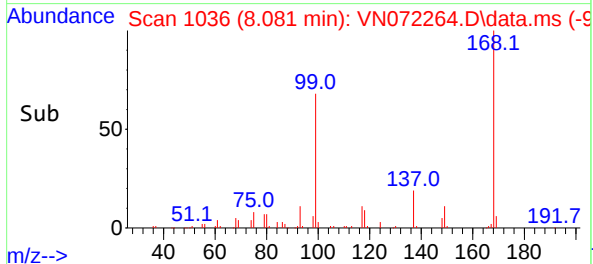
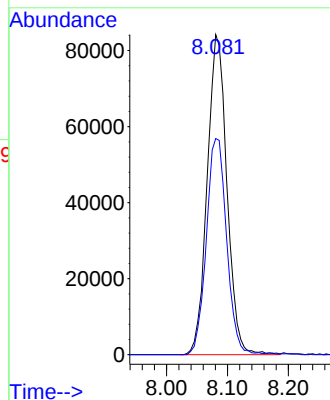
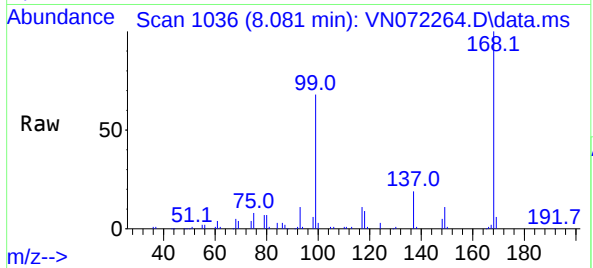




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072264.D
Acq: 29 Apr 2022 12:58

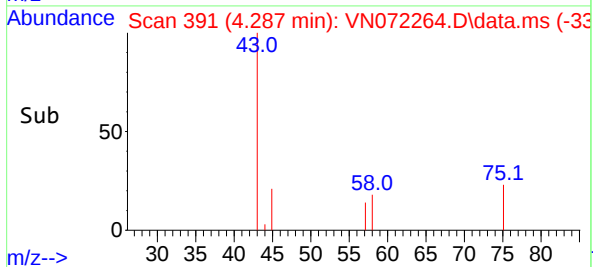
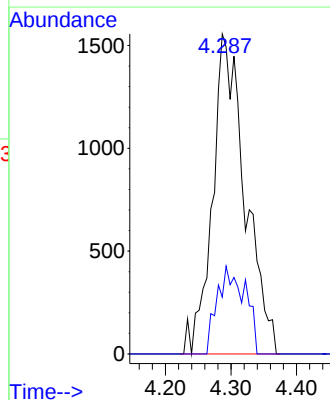
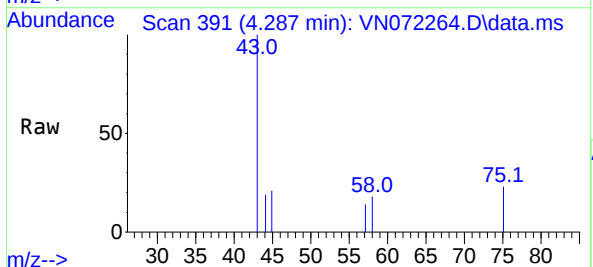
Instrument :
MSVOA_N
ClientSampleId :
MW-17IRDL

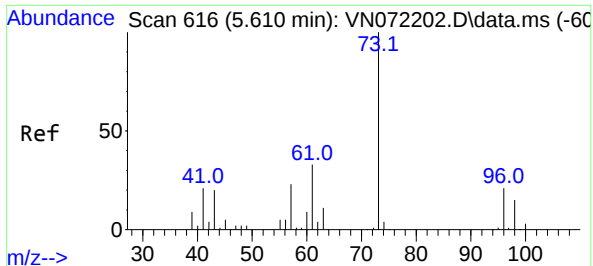
Tgt Ion:168 Resp: 189728
Ion Ratio Lower Upper
168 100
99 67.6 42.3 63.5#



#16
Acetone
Concen: 4.276 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072264.D
Acq: 29 Apr 2022 12:58

Tgt Ion: 43 Resp: 5370
Ion Ratio Lower Upper
43 100
58 17.7 26.0 39.0#

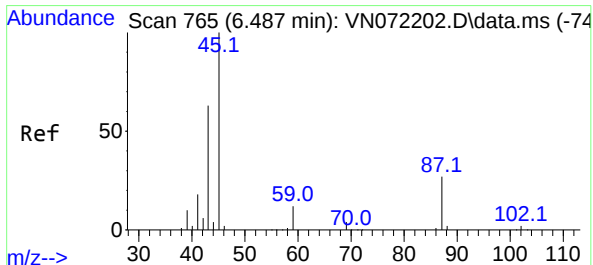
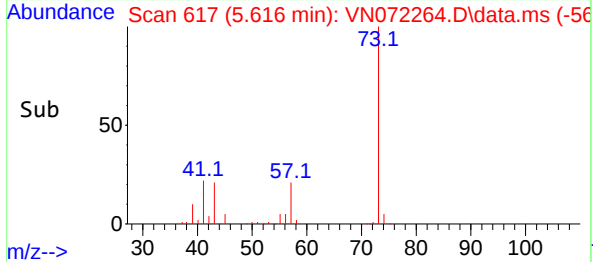
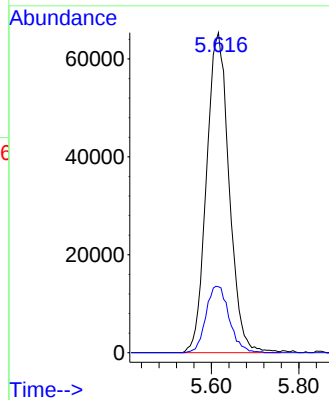
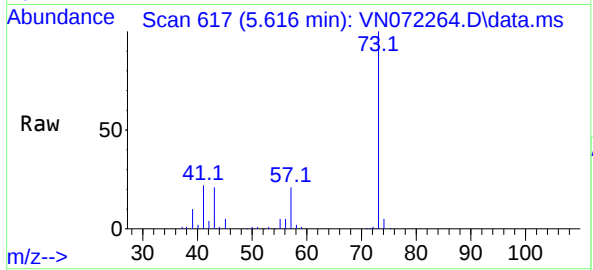




#19
Methyl tert-butyl Ether
Concen: 33.088 ug/l
RT: 5.616 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN072264.D
Acq: 29 Apr 2022 12:58

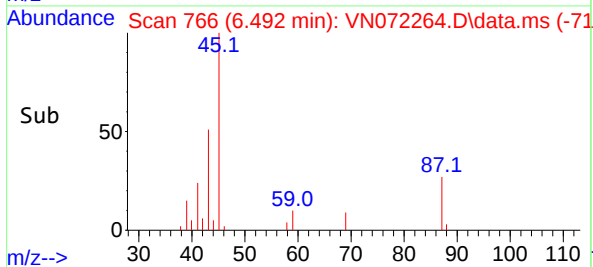
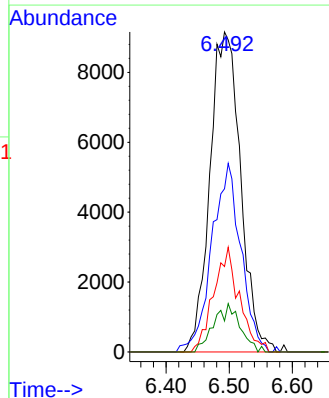
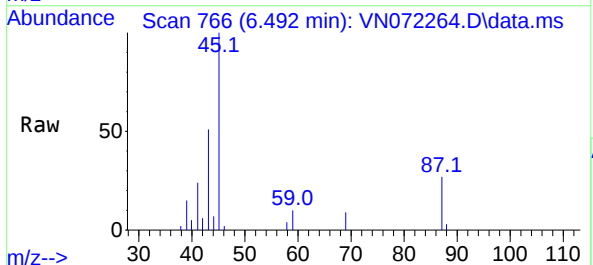
Instrument :
MSVOA_N
ClientSampleId :
MW-17IRDL

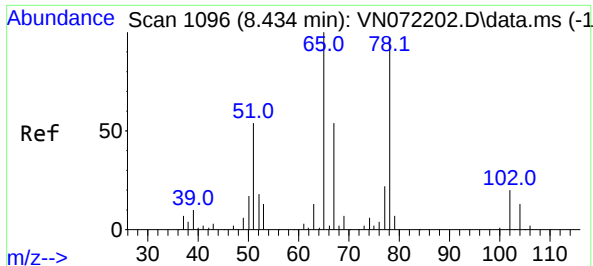
Tgt Ion: 73 Resp: 235024
Ion Ratio Lower Upper
73 100
57 20.6 17.6 26.4



#22
Diisopropyl ether
Concen: 3.986 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN072264.D
Acq: 29 Apr 2022 12:58

Tgt Ion: 45 Resp: 30893
Ion Ratio Lower Upper
45 100
43 51.0 46.6 70.0
87 26.7 24.3 36.5
59 9.7 9.6 14.4





#33

1,2-Dichloroethane-d4

Concen: 55.754 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN072264.D

Acq: 29 Apr 2022 12:58

Instrument :

MSVOA_N

ClientSampleId :

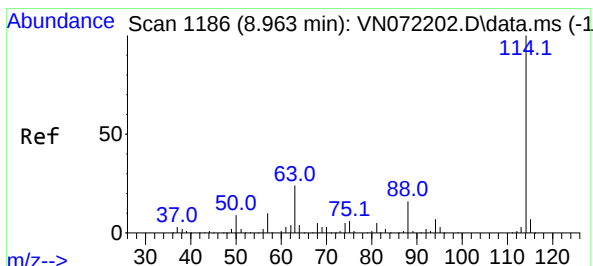
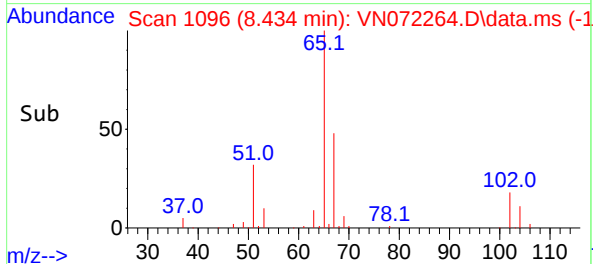
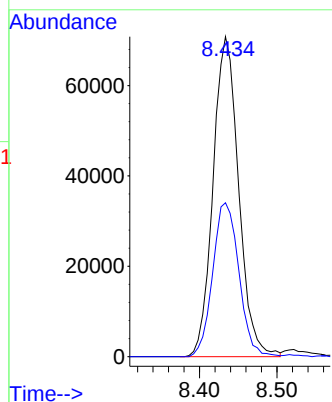
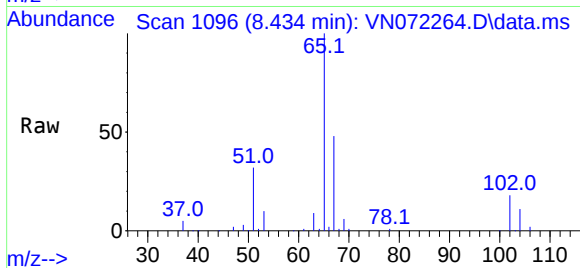
MW-17IRDL

Tgt Ion: 65 Resp: 162397

Ion Ratio Lower Upper

65 100

67 49.2 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072264.D

Acq: 29 Apr 2022 12:58

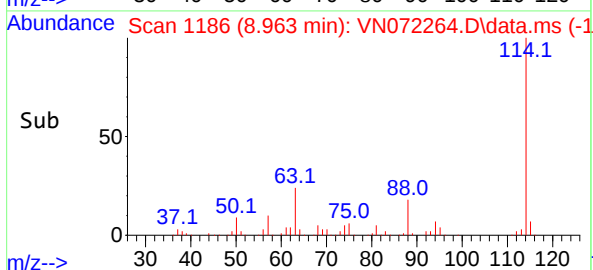
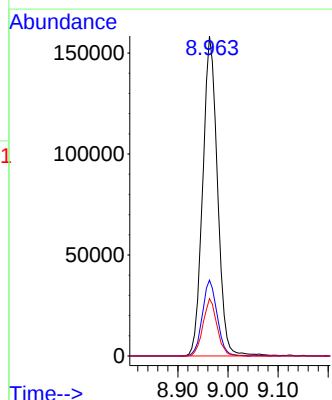
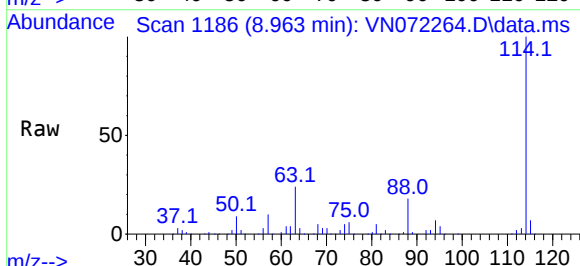
Tgt Ion: 114 Resp: 324480

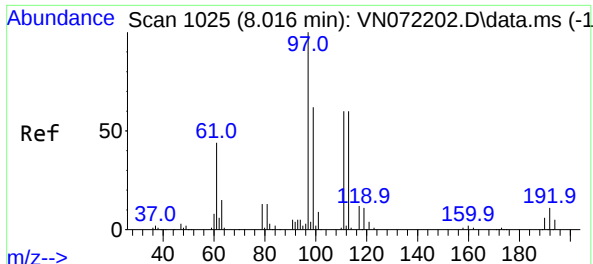
Ion Ratio Lower Upper

114 100

63 23.7 0.0 40.0

88 17.9 0.0 32.6

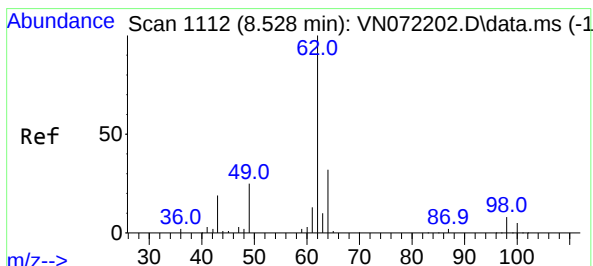
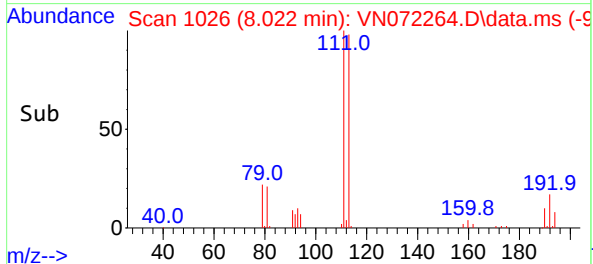
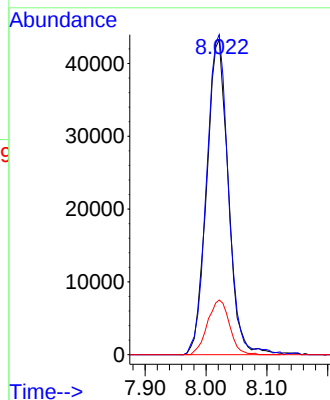
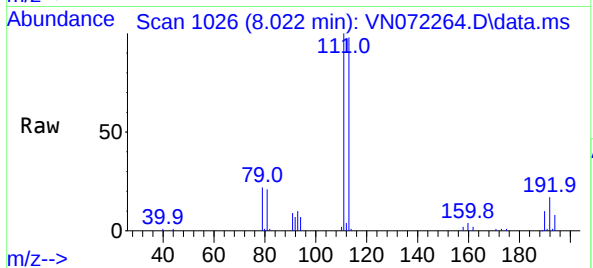




#35
Dibromofluoromethane
Concen: 51.270 ug/l
RT: 8.022 min Scan# 110
Delta R.T. 0.006 min
Lab File: VN072264.D
Acq: 29 Apr 2022 12:58

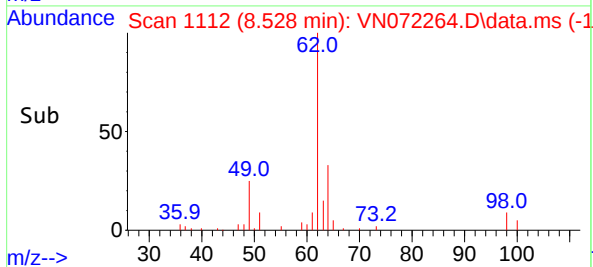
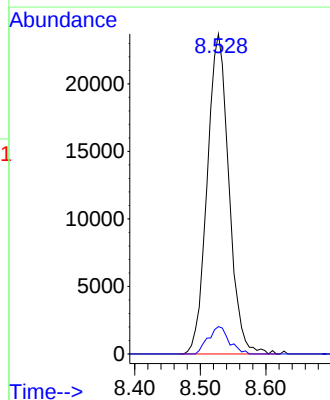
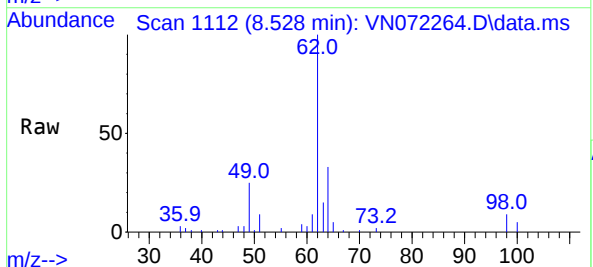
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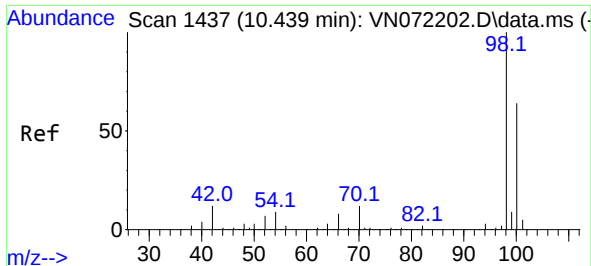
Tgt Ion:113 Resp: 106481
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.0
192 17.6 17.0 25.6



#42
1,2-Dichloroethane
Concen: 15.164 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN072264.D
Acq: 29 Apr 2022 12:58

Tgt Ion: 62 Resp: 54437
Ion Ratio Lower Upper
62 100
98 8.2 0.0 19.4

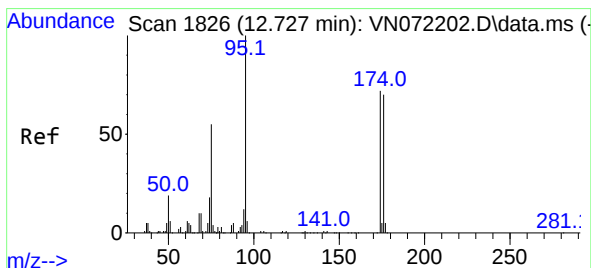
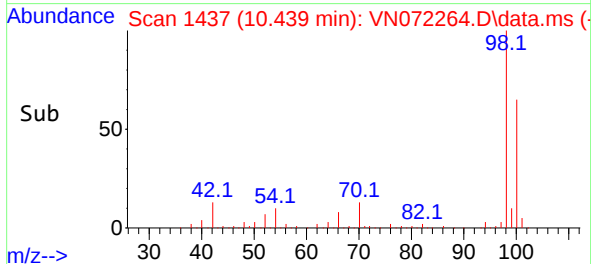
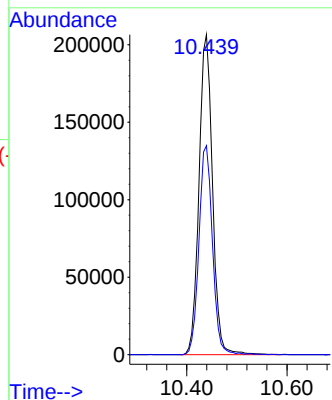
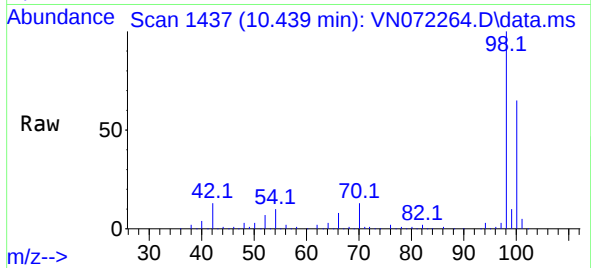




#50
Toluene-d8
Concen: 47.208 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072264.D
Acq: 29 Apr 2022 12:58

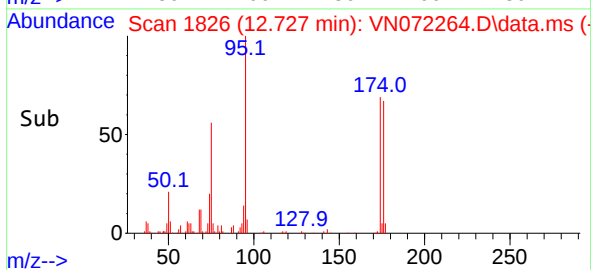
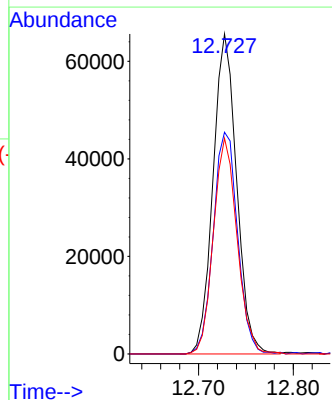
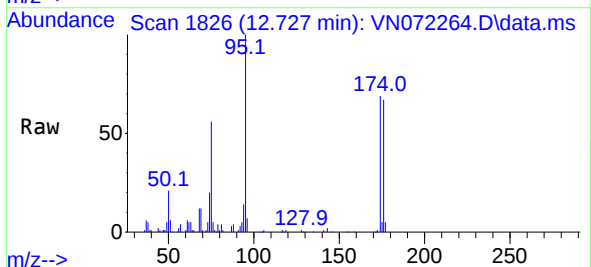
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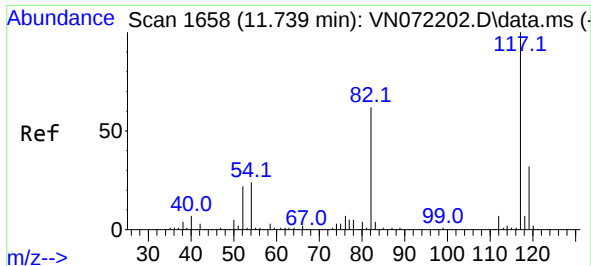
Tgt Ion: 98 Resp: 385254
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 41.875 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072264.D
Acq: 29 Apr 2022 12:58

Tgt Ion: 95 Resp: 113428
Ion Ratio Lower Upper
95 100
174 71.5 0.0 167.6
176 67.8 0.0 163.4

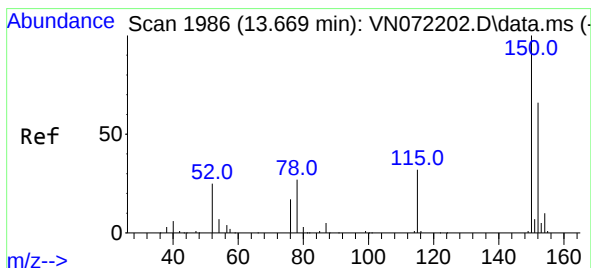
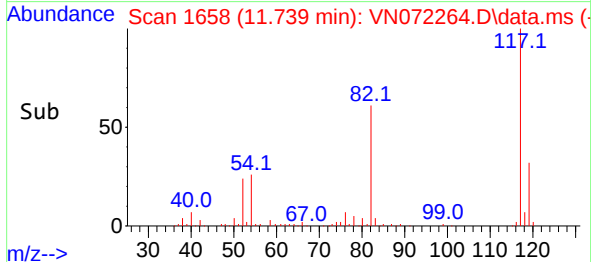
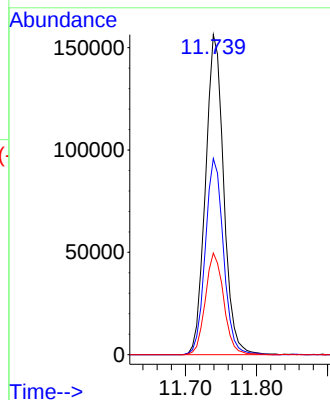
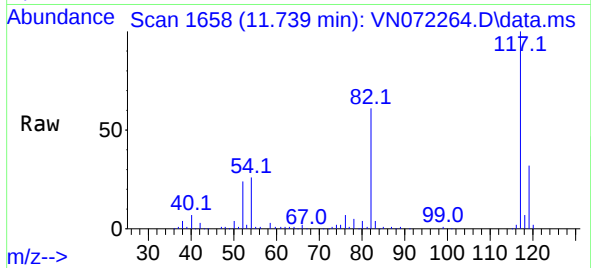




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072264.D
Acq: 29 Apr 2022 12:58

Instrument :
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Tgt Ion:117 Resp: 279299
Ion Ratio Lower Upper
117 100
82 61.3 44.2 66.2
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.005 min
Lab File: VN072264.D
Acq: 29 Apr 2022 12:58

Tgt Ion:152 Resp: 87510
Ion Ratio Lower Upper
152 100
115 64.6 28.9 86.7
150 150.8 0.0 356.2

