

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051922\
 Data File : VN072560.D
 Acq On : 19 May 2022 17:15
 Operator : JC\MD
 Sample : N2965-01 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30985

Quant Time: May 20 06:54:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 02:22:47 2022
 Response via : Initial Calibration

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

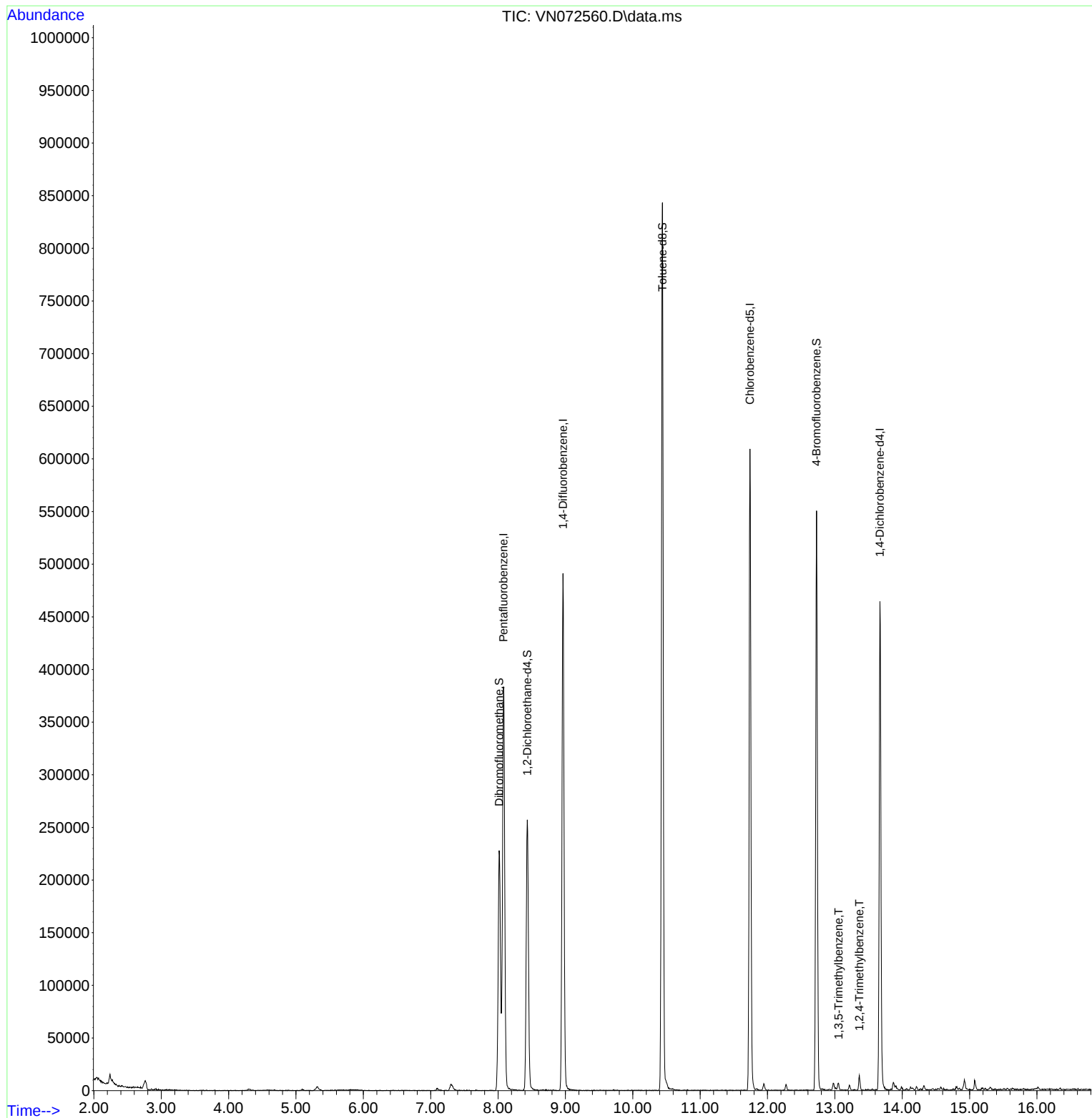
Internal Standards						
1) Pentafluorobenzene	8.080	168	277650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	410466	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	347107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	126864	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	243233	56.384	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	112.760%
35) Dibromofluoromethane	8.016	113	162467	58.662	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	117.320%
50) Toluene-d8	10.439	98	574199	54.772	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	109.540%
62) 4-Bromofluorobenzene	12.727	95	183946	46.192	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.380%
Target Compounds						
						Qvalue
80) 1,3,5-Trimethylbenzene	13.057	105	3006	0.330	ug/l	100
84) 1,2,4-Trimethylbenzene	13.362	105	7594	0.870	ug/l	99

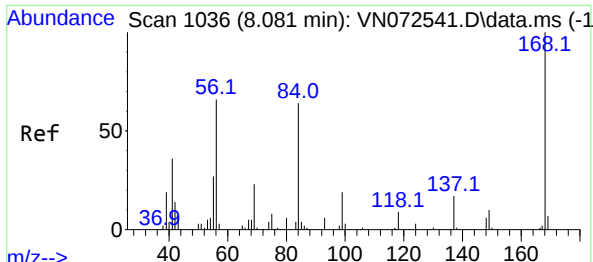
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.080 min Scan# 1036

Delta R.T. -0.001 min

Lab File: VN072560.D

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Instrument :

MSVOA_N

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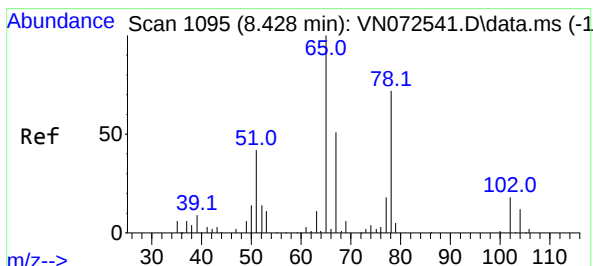
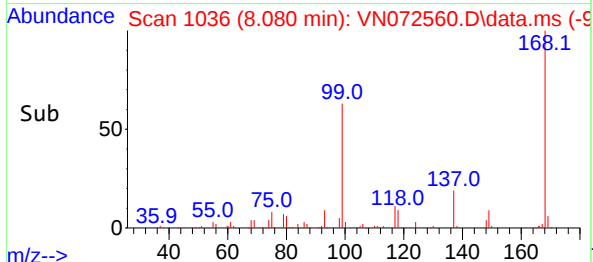
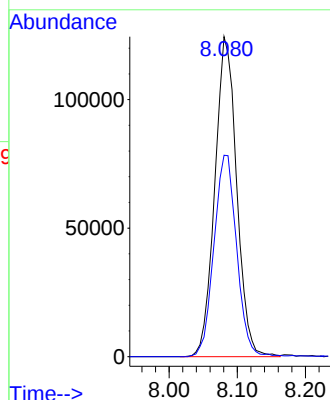
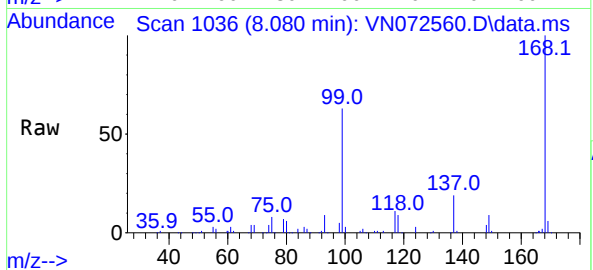
30985

Tgt Ion:168 Resp: 277650

Ion Ratio Lower Upper

168 100

99 62.9 42.3 63.5



1,2-Dichloroethane-d4

Concen: 56.384 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. 0.005 min

Lab File: VN072560.D

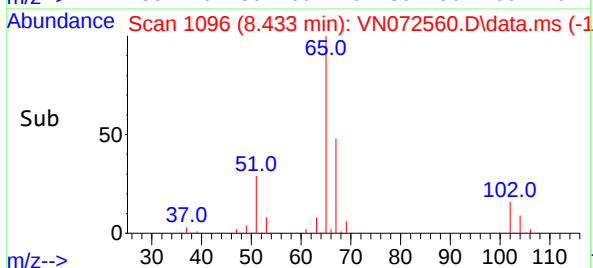
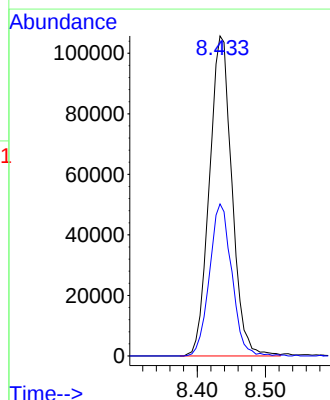
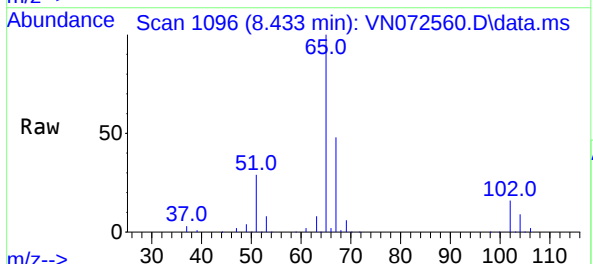
Acq: 19 May 2022 17:15

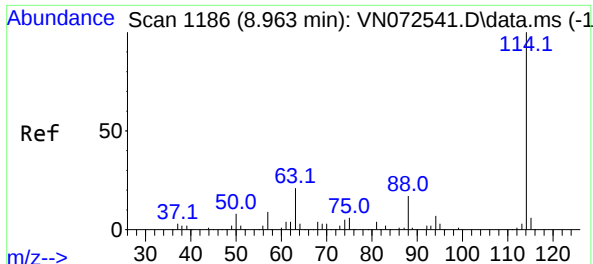
Tgt Ion: 65 Resp: 243233

Ion Ratio Lower Upper

65 100

67 47.1 0.0 104.8

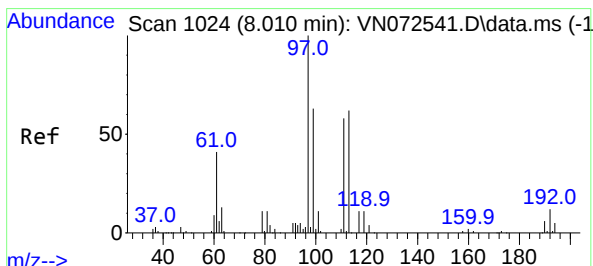
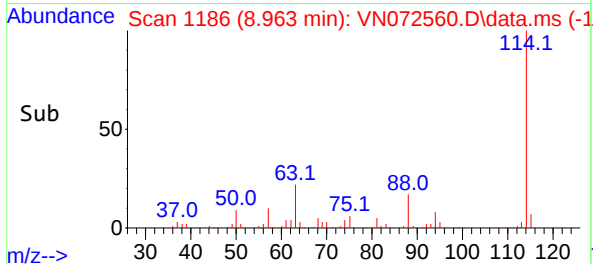
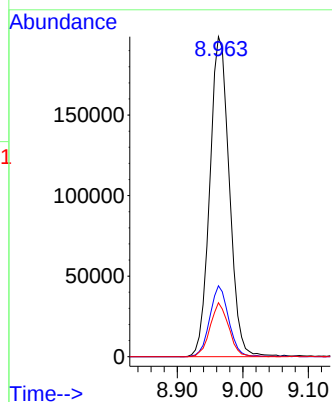
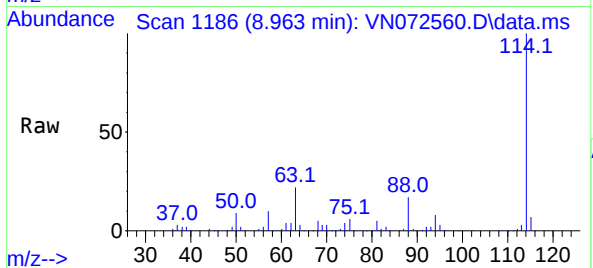




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072560.D
Acq: 19 May 2022 17:15

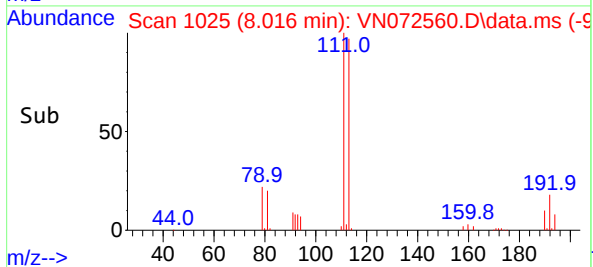
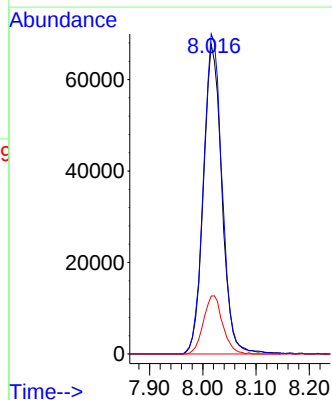
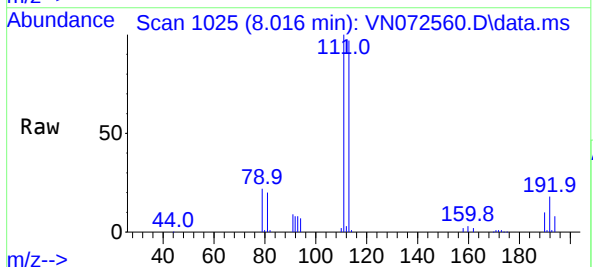
Instrument :
MSVOA_N
ClientSampleId :
30985

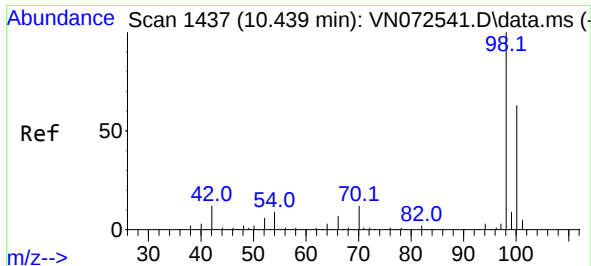
Tgt Ion:114 Resp: 410466
Ion Ratio Lower Upper
114 100
63 22.2 0.0 40.0
88 16.9 0.0 32.6



#35
Dibromofluoromethane
Concen: 58.662 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.006 min
Lab File: VN072560.D
Acq: 19 May 2022 17:15

Tgt Ion:113 Resp: 162467
Ion Ratio Lower Upper
113 100
111 104.8 81.4 122.0
192 19.6 17.0 25.6

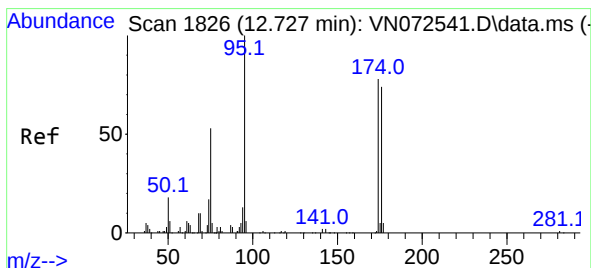
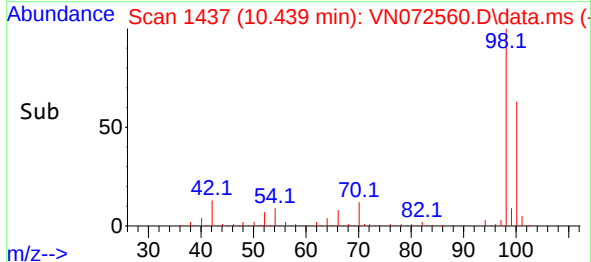
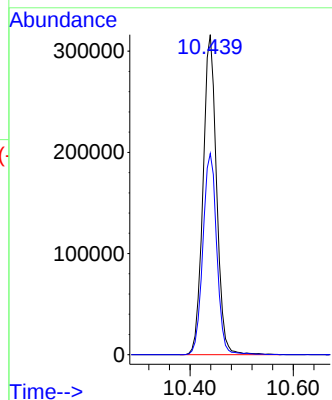
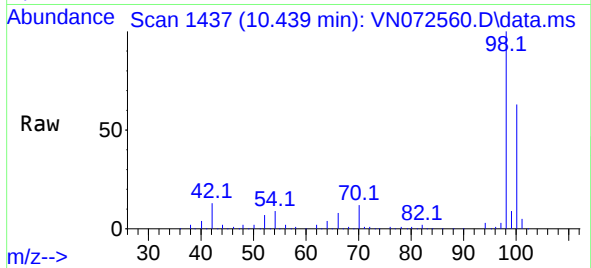




#50
Toluene-d8
Concen: 54.772 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072560.D
Acq: 19 May 2022 17:15

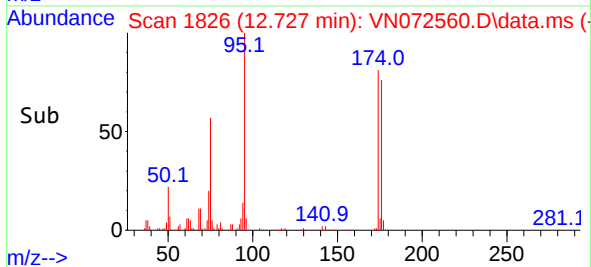
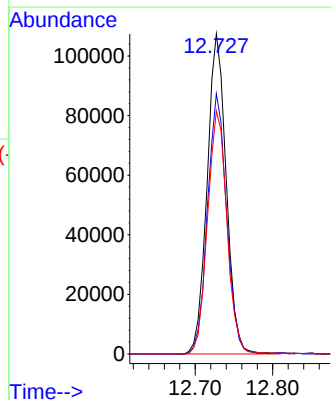
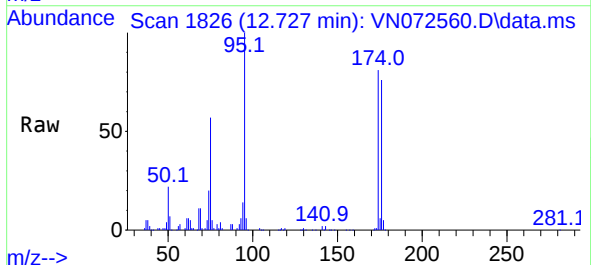
Instrument :
MSVOA_N
ClientSampleId :
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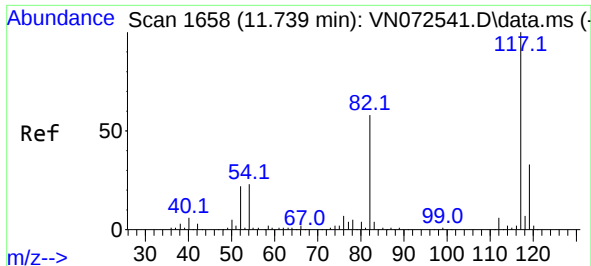
Tgt Ion: 98 Resp: 574199
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 46.192 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072560.D
Acq: 19 May 2022 17:15

Tgt Ion: 95 Resp: 183946
Ion Ratio Lower Upper
95 100
174 81.2 0.0 167.6
176 77.1 0.0 163.4

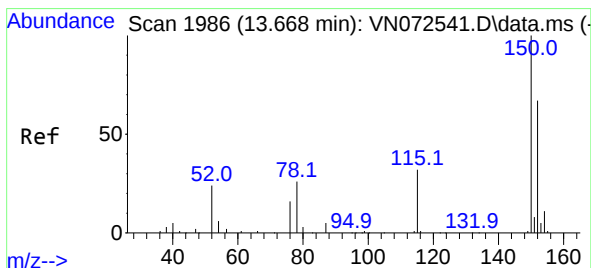
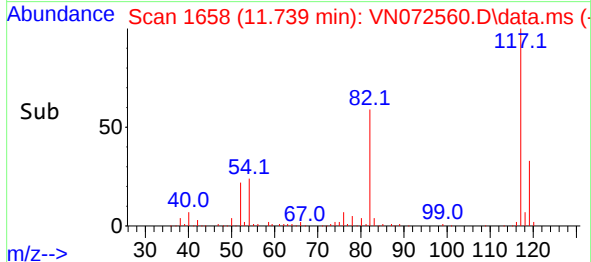
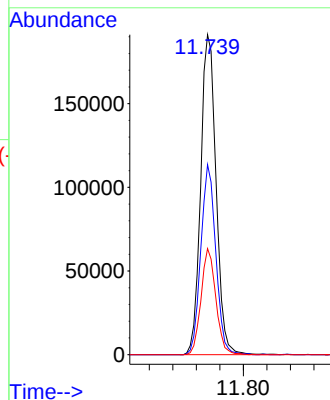
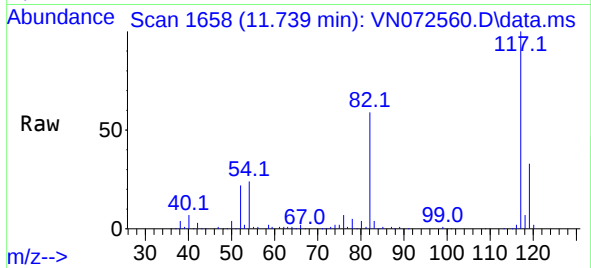




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072560.D
Acq: 19 May 2022 17:15

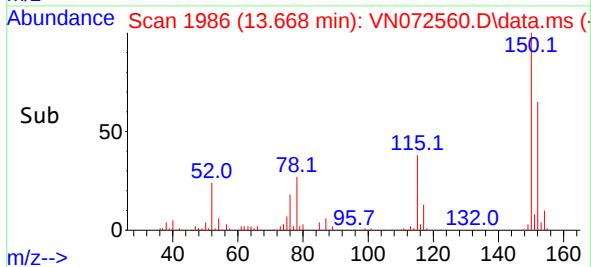
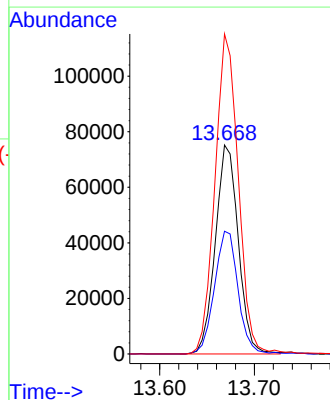
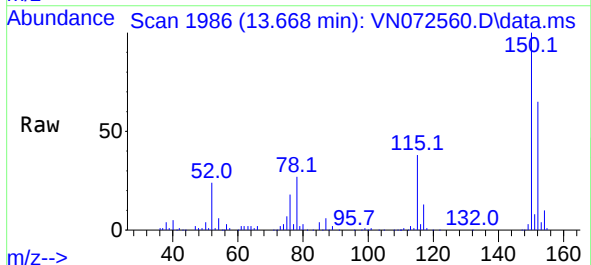
Instrument :
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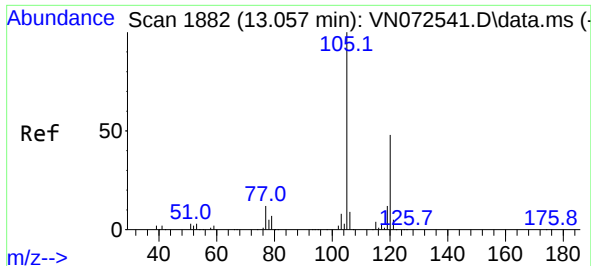
Tgt Ion:117 Resp: 347107
Ion Ratio Lower Upper
117 100
82 59.4 44.2 66.2
119 33.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN072560.D
Acq: 19 May 2022 17:15

Tgt Ion:152 Resp: 126864
Ion Ratio Lower Upper
152 100
115 60.2 28.9 86.7
150 155.7 0.0 356.2

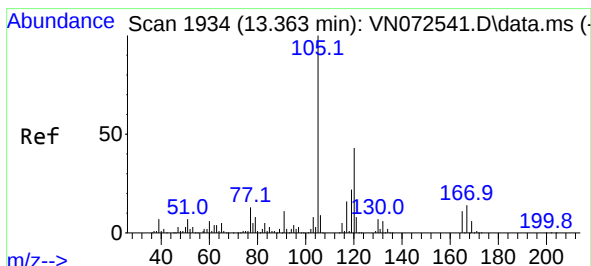
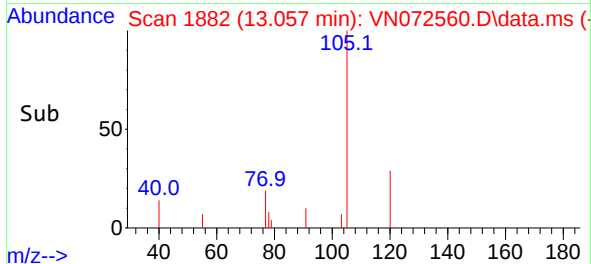
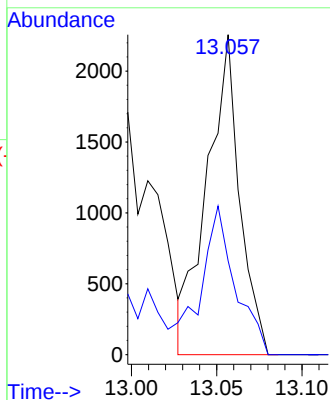
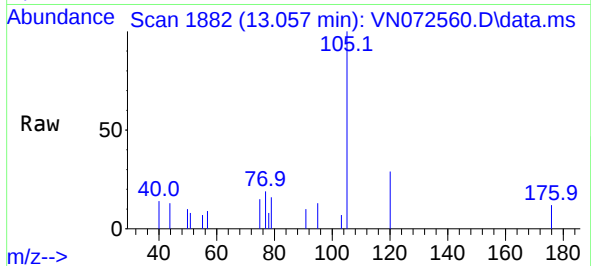




#80
1,3,5-Trimethylbenzene
Concen: 0.330 ug/l
RT: 13.057 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072560.D
Acq: 19 May 2022 17:15

Instrument :
MSVOA_N
ClientSampleId :
30985

Tgt Ion:105 Resp: 3006
Ion Ratio Lower Upper
105 100
120 49.5 24.9 74.7



#84
1,2,4-Trimethylbenzene
Concen: 0.870 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN072560.D
Acq: 19 May 2022 17:15

Tgt Ion:105 Resp: 7594
Ion Ratio Lower Upper
105 100
120 45.7 23.3 69.8

