

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052422\
 Data File : VN072592.D
 Acq On : 24 May 2022 17:18
 Operator : JC\MD
 Sample : VN0524WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0524WBL01

Quant Time: May 25 09:19:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052422W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 25 09:15:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	147151	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	263984	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	301799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	123709	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	84755	50.634	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.260%
35) Dibromofluoromethane	8.016	113	78814	46.064	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.120%
50) Toluene-d8	10.439	98	331724	50.777	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.560%
62) 4-Bromofluorobenzene	12.727	95	128593	60.520	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	121.040%

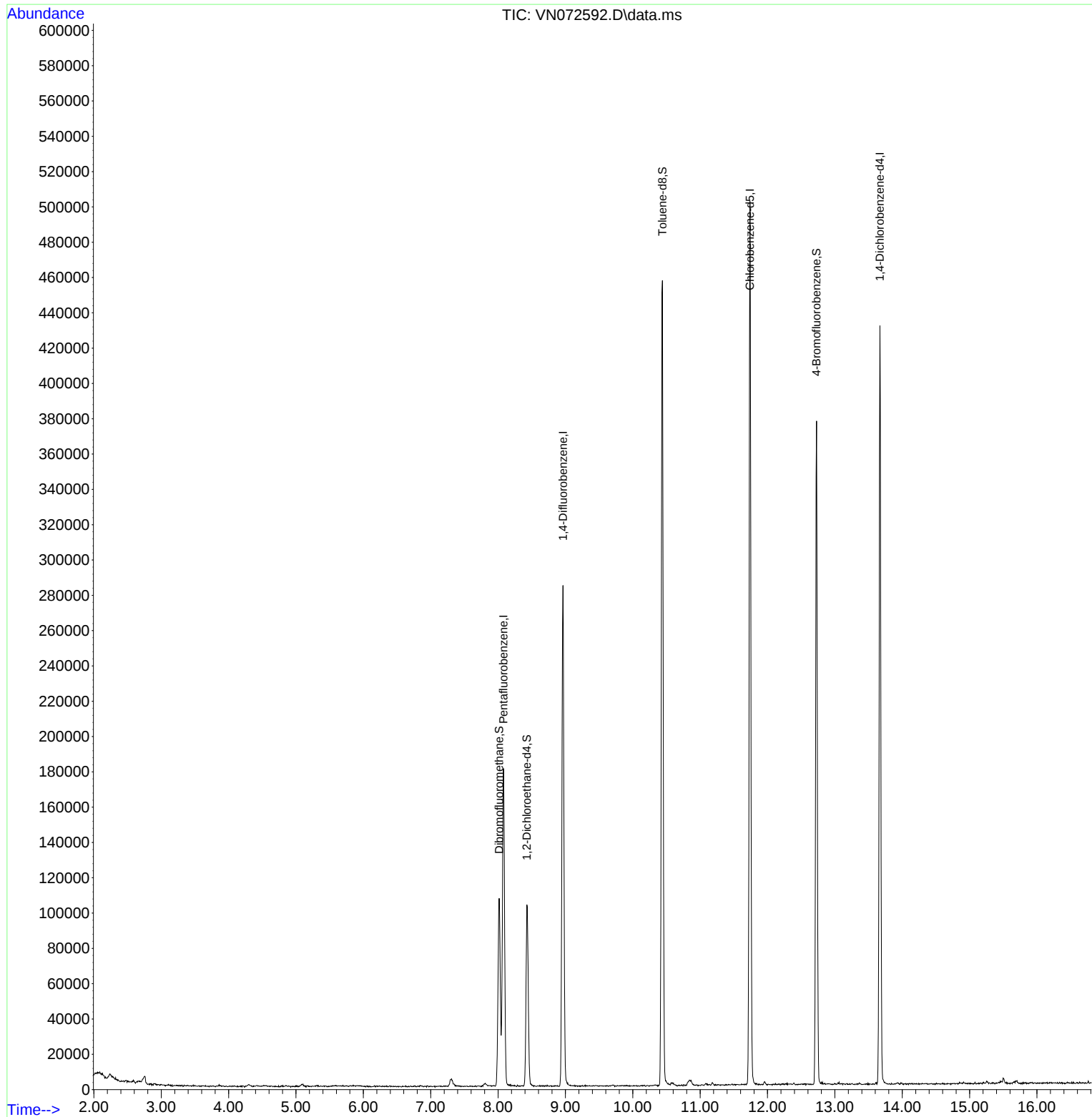
Target Compounds	Qvalue

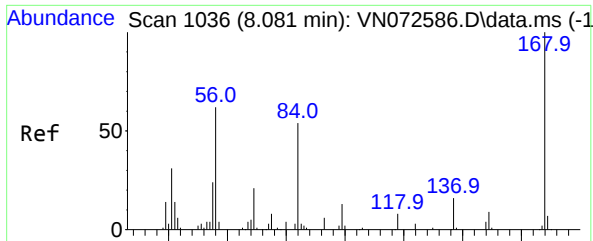
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VN072592.D

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Instrument :

MSVOA_N

ClientSampleId :

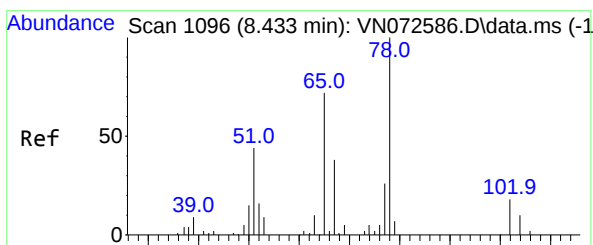
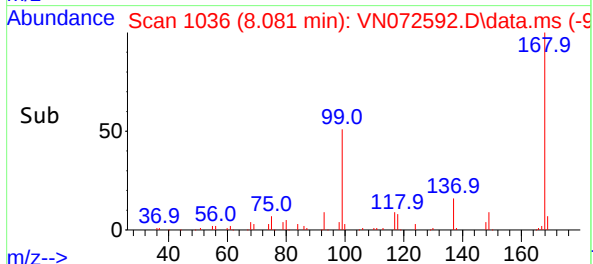
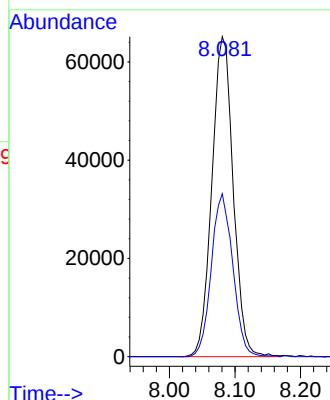
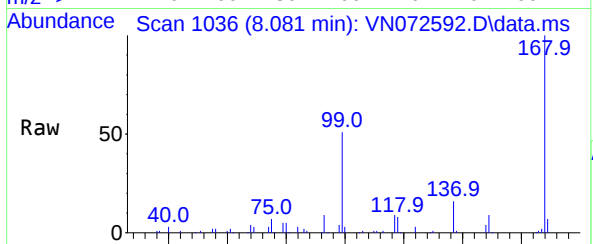
VN0524WBL01

Tgt Ion:168 Resp: 147151

Ion Ratio Lower Upper

168 100

99 50.9 42.3 63.5



1,2-Dichloroethane-d4

Concen: 50.634 ug/l

RT: 8.428 min Scan# 1095

Delta R.T. -0.005 min

Lab File: VN072592.D

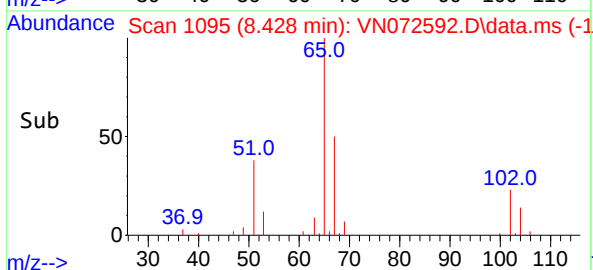
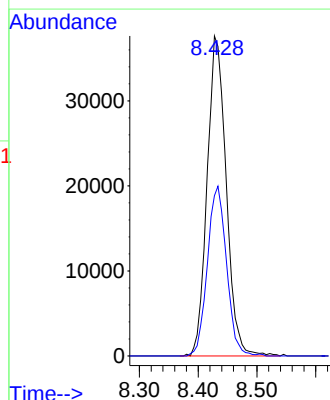
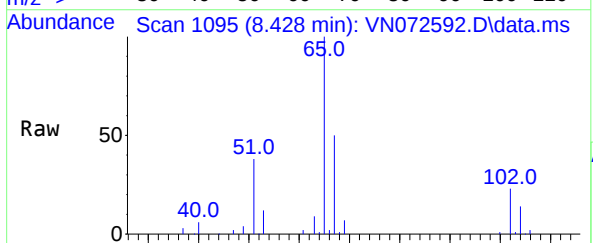
Acq: 24 May 2022 17:18

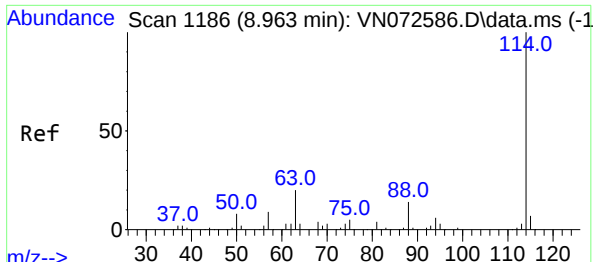
Tgt Ion: 65 Resp: 84755

Ion Ratio Lower Upper

65 100

67 53.3 0.0 104.8



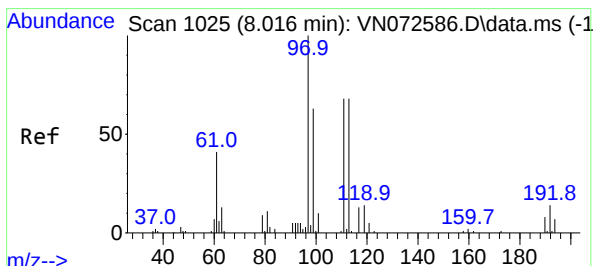
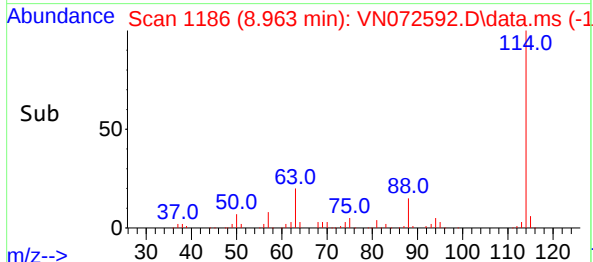
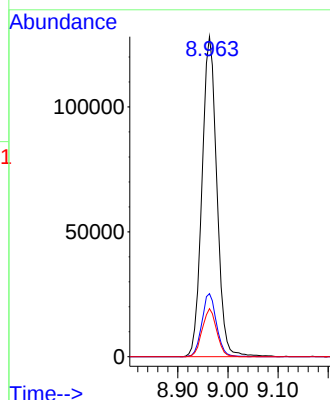
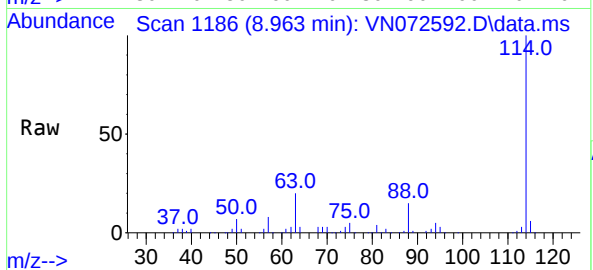


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072592.D
Acq: 24 May 2022 17:18

Instrument :
MSVOA_N
ClientSampleId :
VN0524WBL01

Tgt Ion:114 Resp: 263984

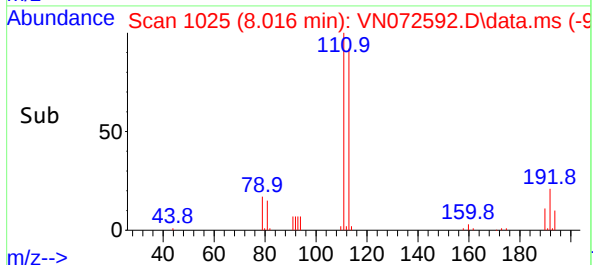
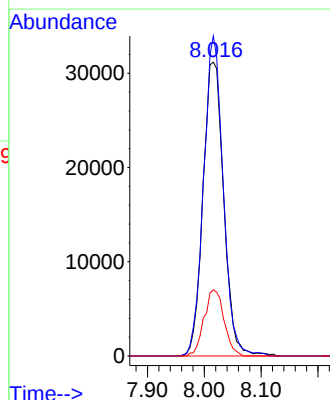
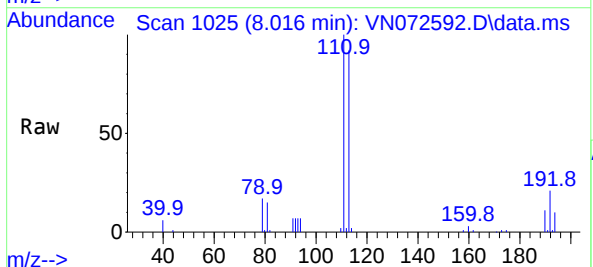
Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	40.0
88	15.0	0.0	32.6

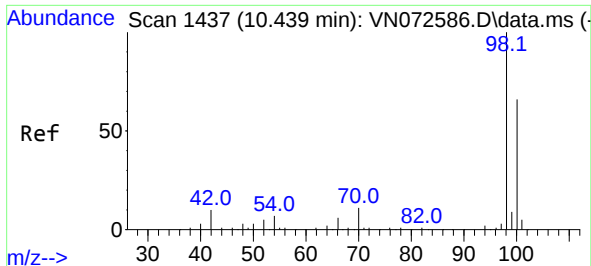


#35
Dibromofluoromethane
Concen: 46.064 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072592.D
Acq: 24 May 2022 17:18

Tgt Ion:113 Resp: 78814

Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.4	122.0
192	21.7	17.0	25.6

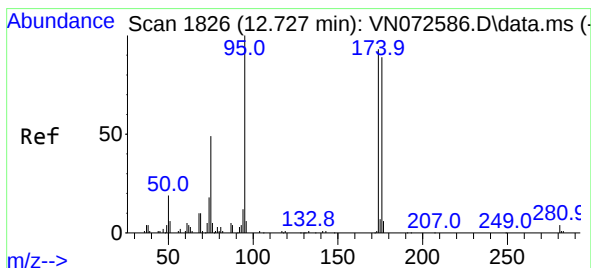
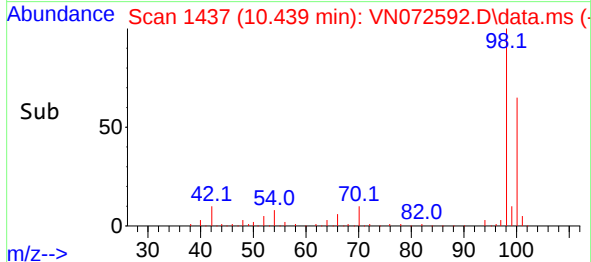
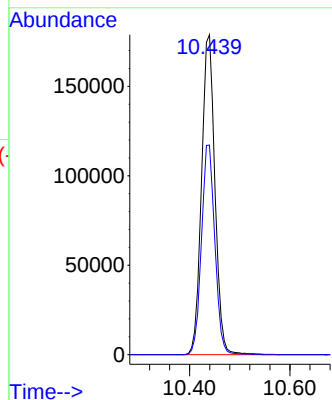
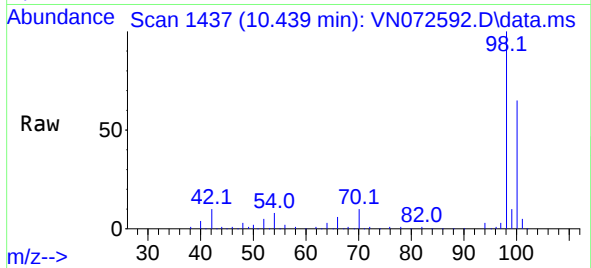




#50
Toluene-d8
Concen: 50.777 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072592.D
Acq: 24 May 2022 17:18

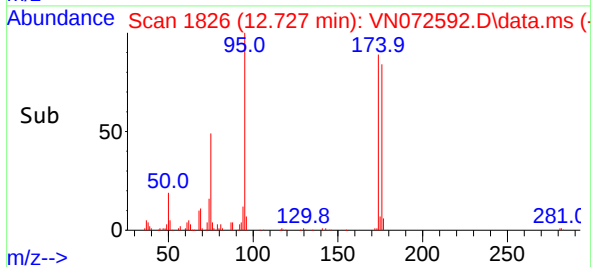
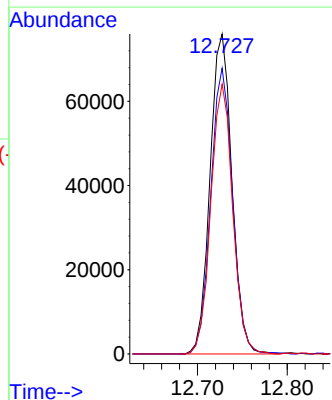
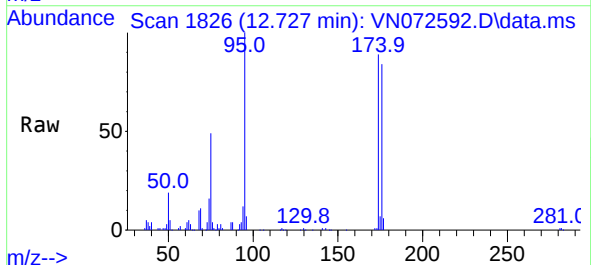
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBL01

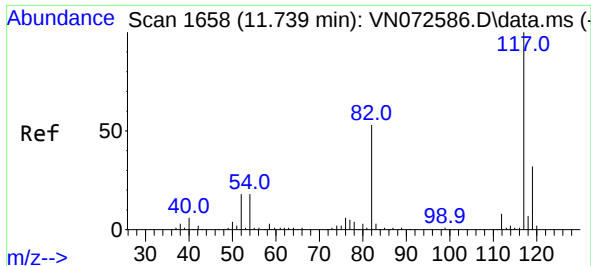
Tgt Ion: 98 Resp: 331724
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 60.520 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072592.D
Acq: 24 May 2022 17:18

Tgt Ion: 95 Resp: 128593
Ion Ratio Lower Upper
95 100
174 89.5 0.0 167.6
176 84.1 0.0 163.4

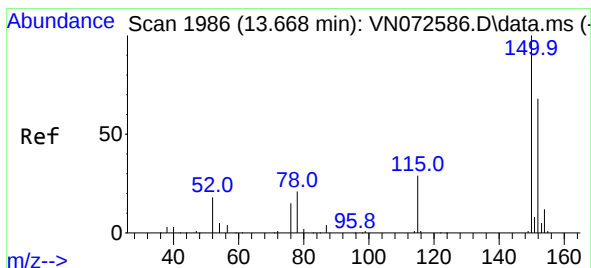
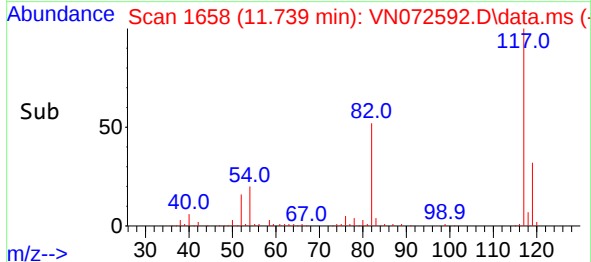
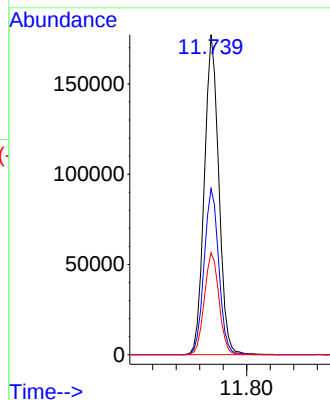
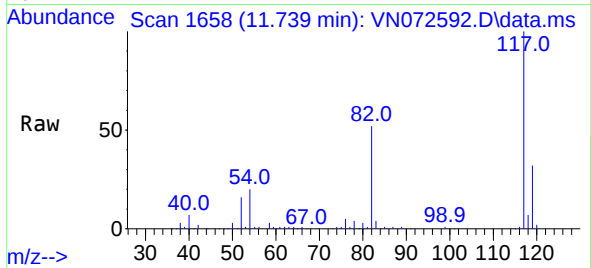




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN072592.D
Acq: 24 May 2022 17:18

Instrument :
MSVOA_N
ClientSampleId :
VN0524WBL01

Tgt Ion:117 Resp: 301799
Ion Ratio Lower Upper
117 100
82 51.9 44.2 66.2
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.001 min
Lab File: VN072592.D
Acq: 24 May 2022 17:18

Tgt Ion:152 Resp: 123709
Ion Ratio Lower Upper
152 100
115 55.3 28.9 86.7
150 158.4 0.0 356.2

