

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032422\
 Data File : VD072409.D
 Acq On : 24 Mar 2022 15:53
 Operator : VA/SY
 Sample : N2072-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-03-32222

Quant Time: Mar 25 02:56:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	11125	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	17413	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	20112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	9631	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	7663	61.807	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.620%
35) Dibromofluoromethane	7.914	113	6485	52.923	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.840%
50) Toluene-d8	10.332	98	19353	43.193	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.380%
62) 4-Bromofluorobenzene	12.626	95	8327	47.830	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.660%

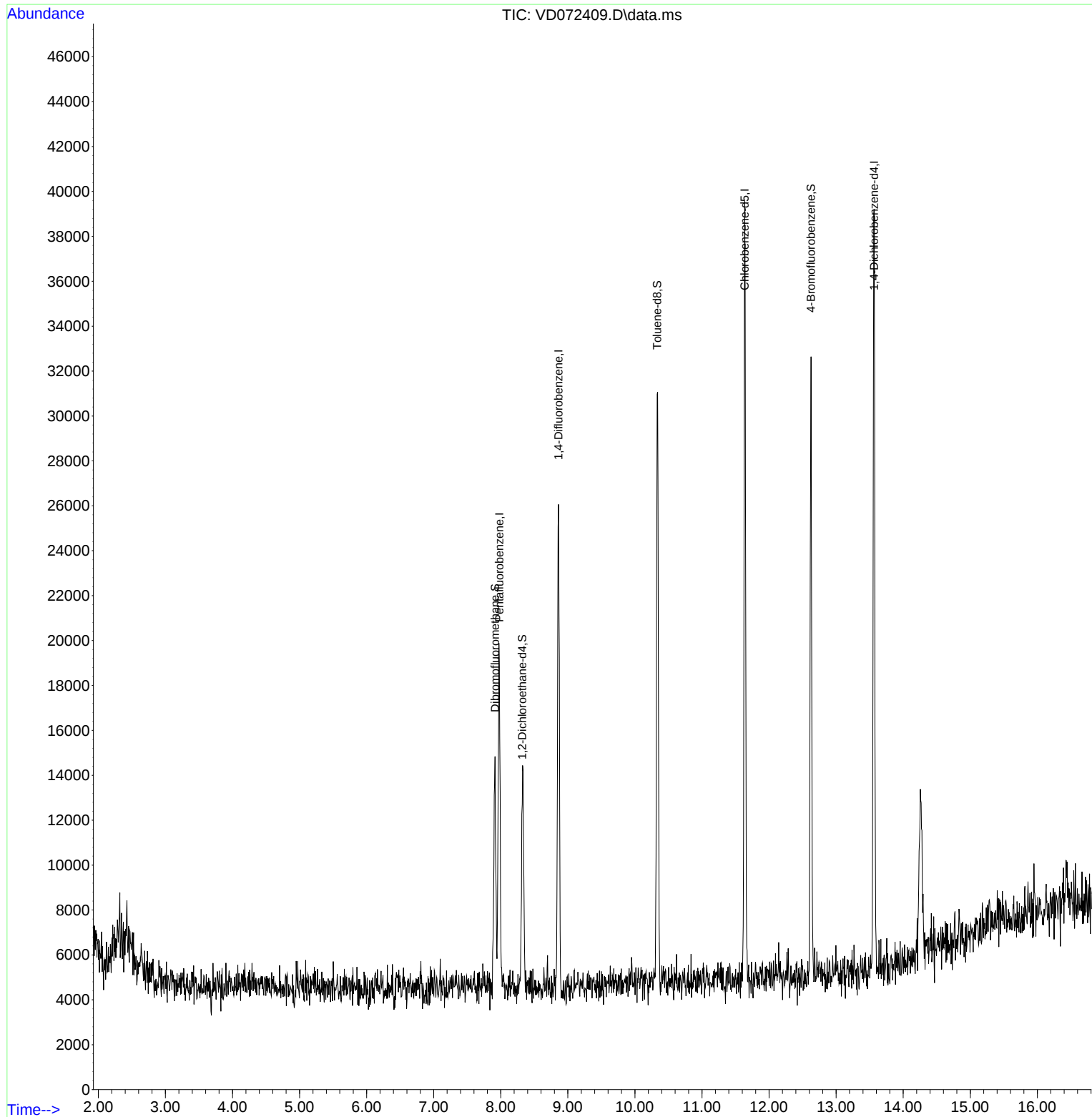
Target Compounds	Qvalue

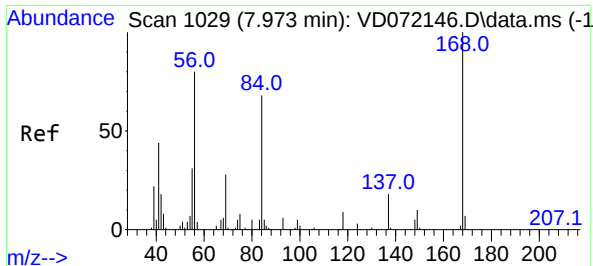
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. 0.006 min

Lab File: VD072409.D

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MSVOA_D

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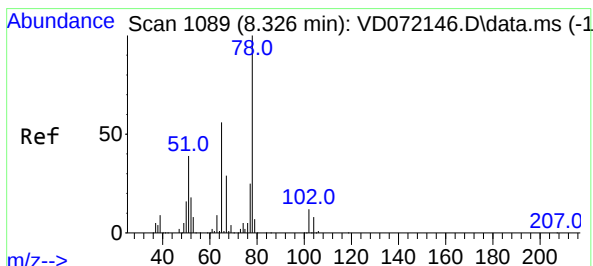
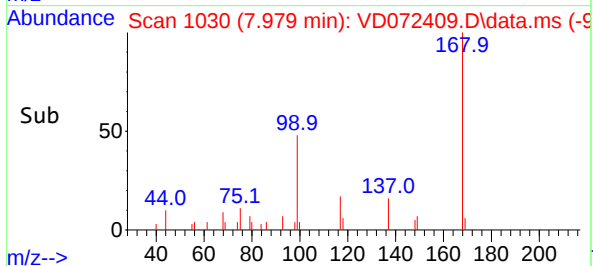
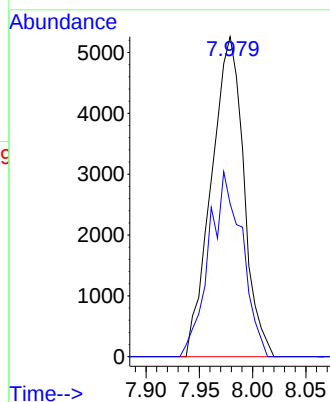
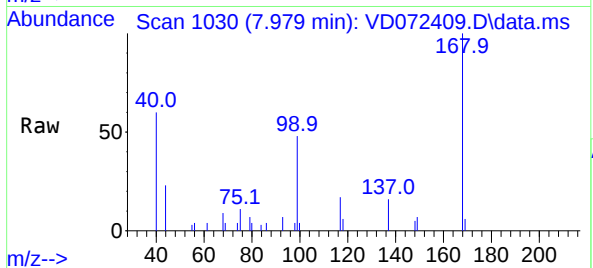
EO-03-32222

Tgt Ion:168 Resp: 11125

Ion Ratio Lower Upper

168 100

99 47.8 49.8 74.6#



1,2-Dichloroethane-d4

Concen: 61.807 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD072409.D

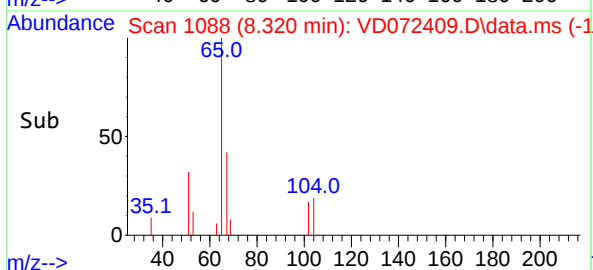
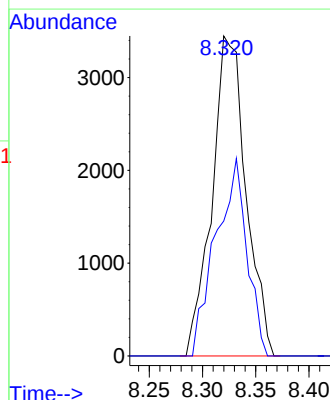
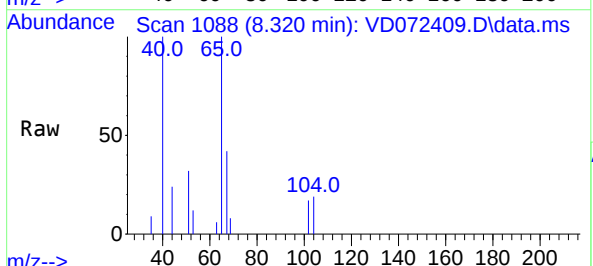
Acq: 24 Mar 2022 15:53

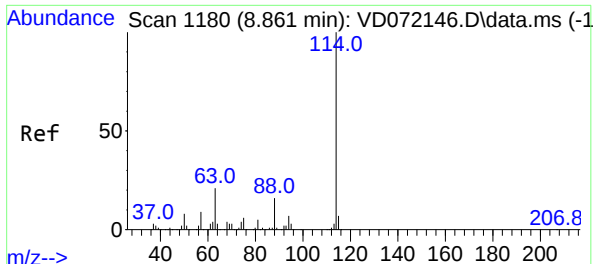
Tgt Ion: 65 Resp: 7663

Ion Ratio Lower Upper

65 100

67 56.4 0.0 101.4

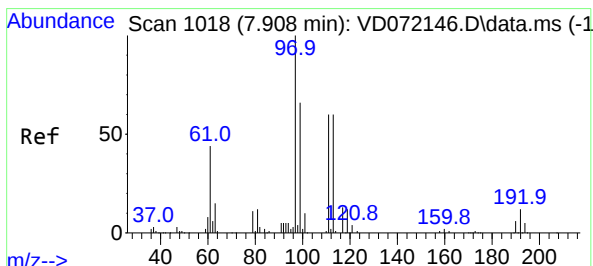
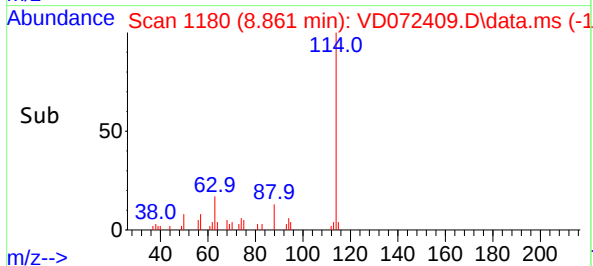
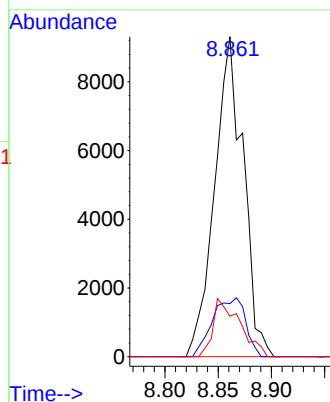
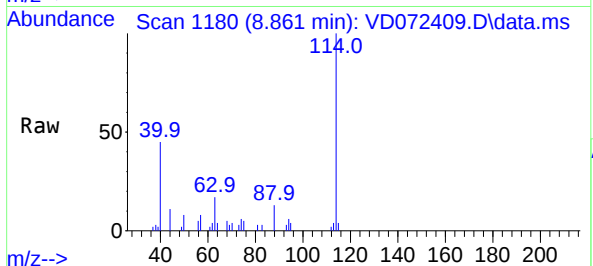




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072409.D
Acq: 24 Mar 2022 15:53

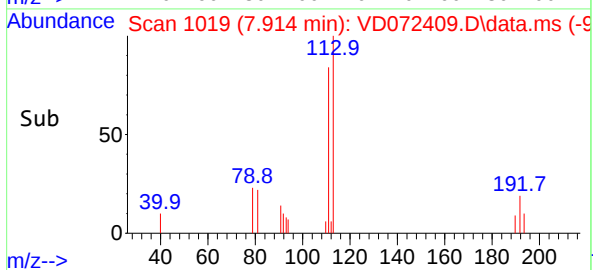
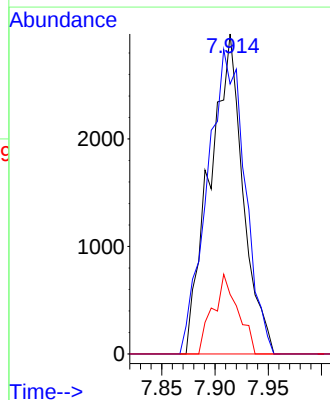
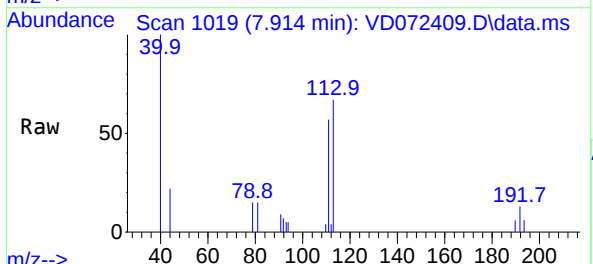
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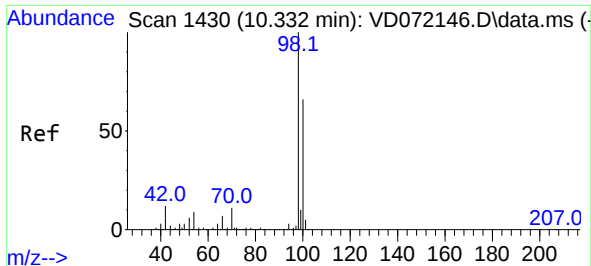
Tgt Ion:	114	Resp:	17413
Ion	Ratio	Lower	Upper
114	100		
63	16.6	0.0	46.6
88	12.6	0.0	33.2



#35
Dibromofluoromethane
Concen: 52.923 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072409.D
Acq: 24 Mar 2022 15:53

Tgt Ion:	113	Resp:	6485
Ion	Ratio	Lower	Upper
113	100		
111	107.3	83.8	125.6
192	18.5	14.6	21.8

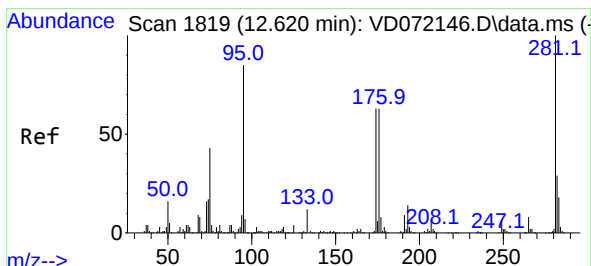
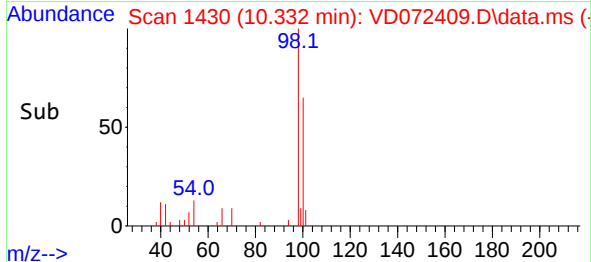
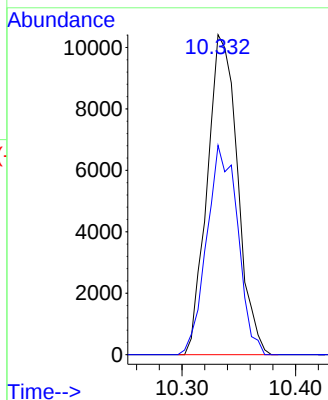
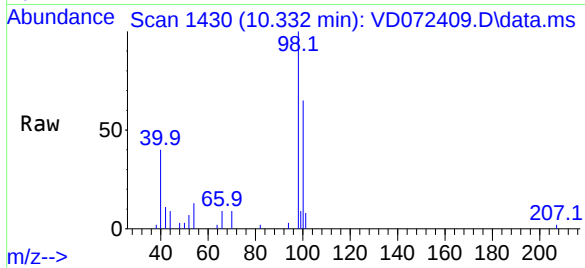




#50
Toluene-d8
Concen: 43.193 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072409.D
Acq: 24 Mar 2022 15:53

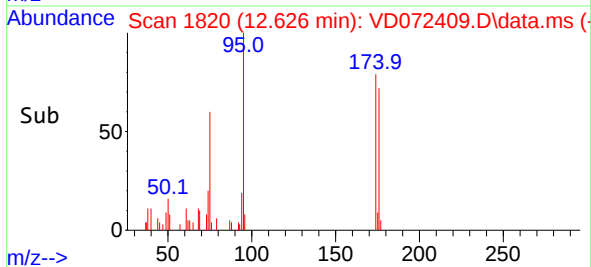
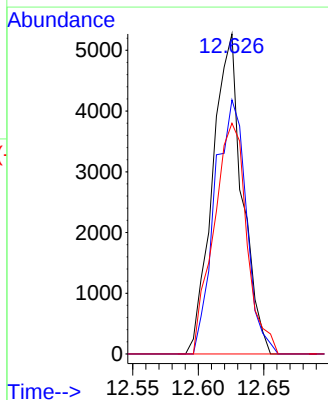
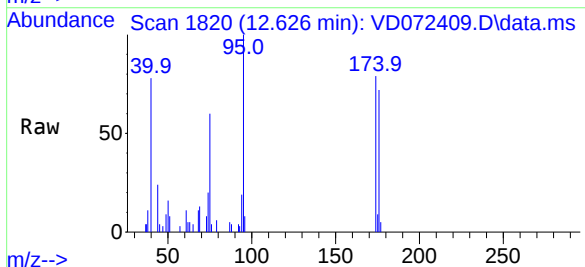
Instrument :
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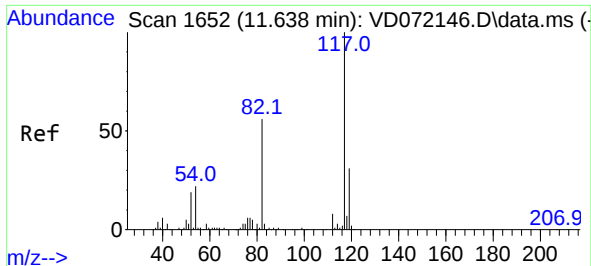
Tgt Ion: 98 Resp: 19353
Ion Ratio Lower Upper
98 100
100 66.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 47.830 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072409.D
Acq: 24 Mar 2022 15:53

Tgt Ion: 95 Resp: 8327
Ion Ratio Lower Upper
95 100
174 84.3 0.0 152.8
176 80.1 0.0 145.4

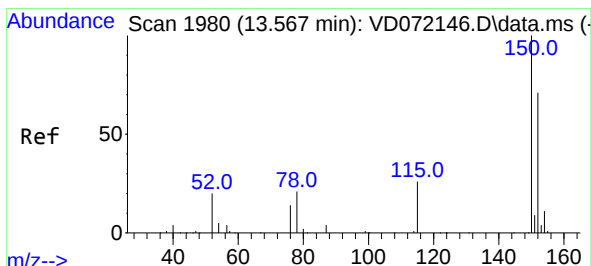
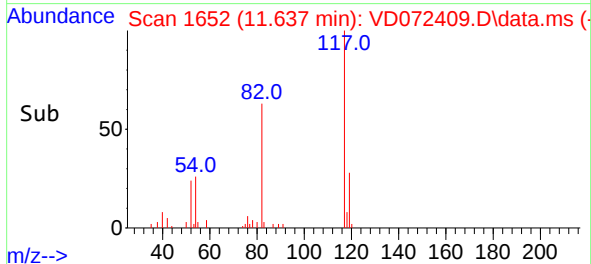
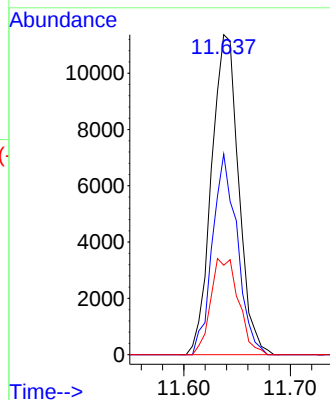
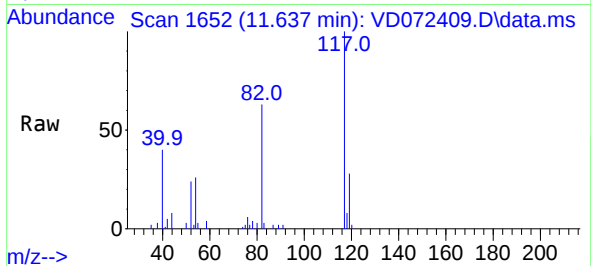




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072409.D
Acq: 24 Mar 2022 15:53

Instrument :
MSVOA_D
ClientSampleId :
EO-03-32222

Tgt Ion:	117	Resp:	20112
Ion	Ratio	Lower	Upper
117	100		
82	62.7	45.3	67.9
119	28.0	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD072409.D
Acq: 24 Mar 2022 15:53

Tgt Ion:	152	Resp:	9631
Ion	Ratio	Lower	Upper
152	100		
115	58.6	31.3	93.8
150	149.8	0.0	348.6

