

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051622\
 Data File : VD073043.D
 Acq On : 16 May 2022 19:05
 Operator : VA/SY
 Sample : N2816-23
 Misc : 6.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P007-SS015-0006-01

Quant Time: May 17 03:30:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	296336	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	546996	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	544257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	258288	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	166611	43.313	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.620%
35) Dibromofluoromethane	7.908	113	183134	47.671	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.340%
50) Toluene-d8	10.332	98	676300	49.077	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.160%
62) 4-Bromofluorobenzene	12.620	95	273288	53.187	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.380%

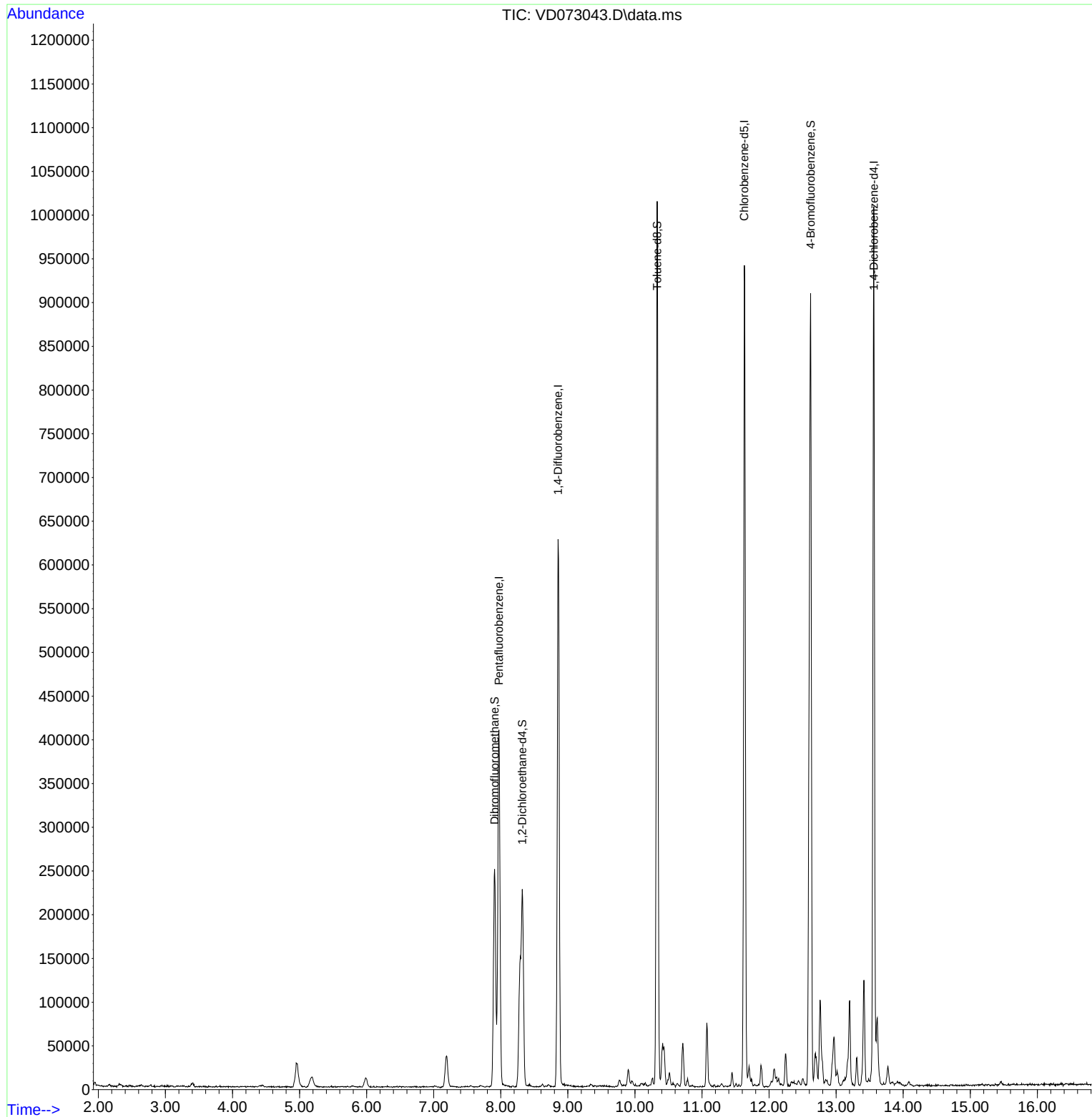
Target Compounds	Qvalue

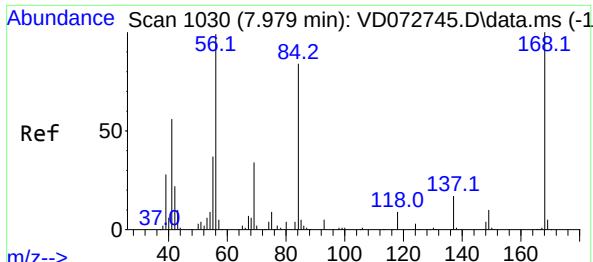
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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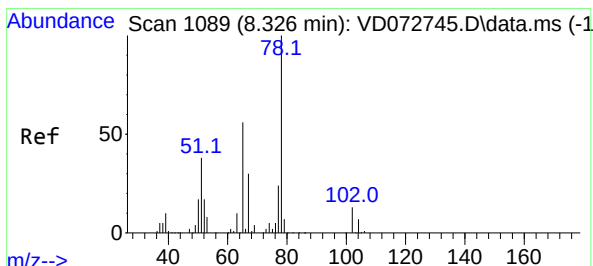
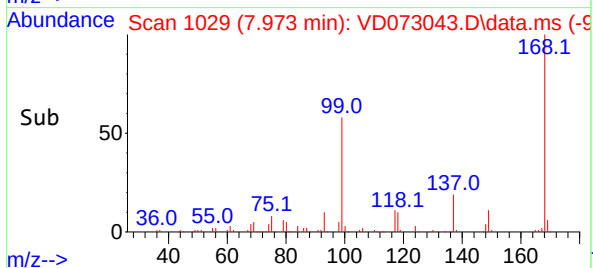
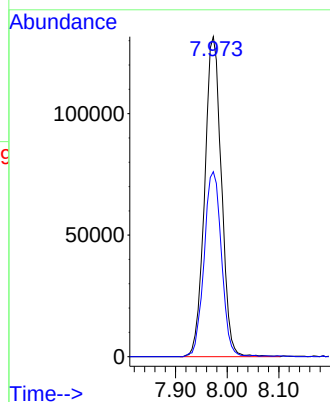
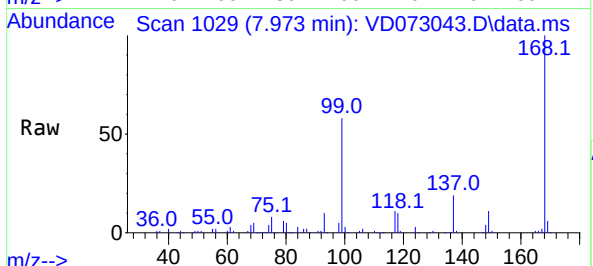




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073043.D
Acq: 16 May 2022 19:05

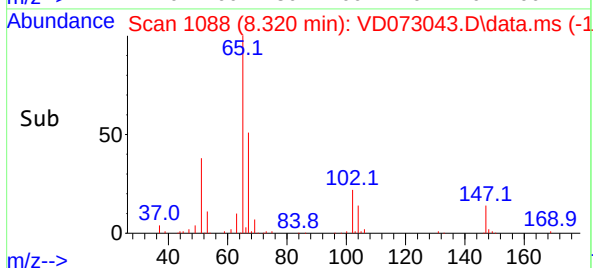
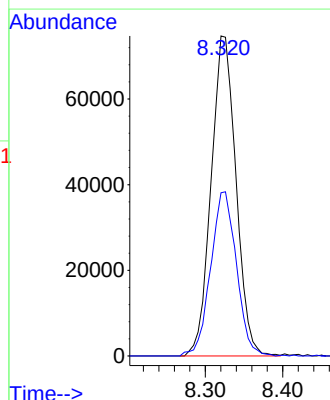
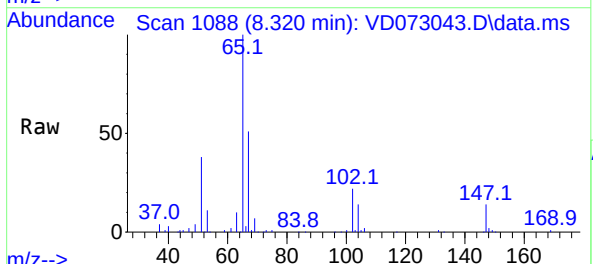
Instrument :
MSVOA_D
ClientSampleId :
P007-SS015-0006-01

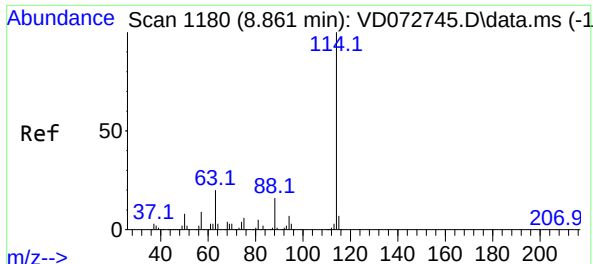
Tgt Ion:168 Resp: 296336
Ion Ratio Lower Upper
168 100
99 57.8 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 43.313 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073043.D
Acq: 16 May 2022 19:05

Tgt Ion: 65 Resp: 166611
Ion Ratio Lower Upper
65 100
67 53.3 0.0 101.4

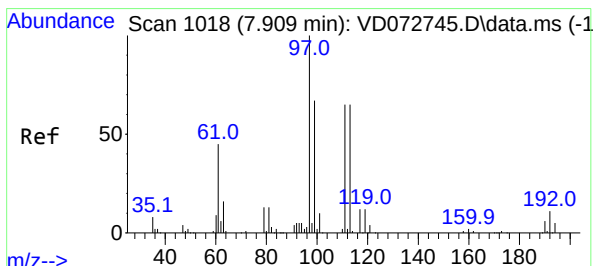
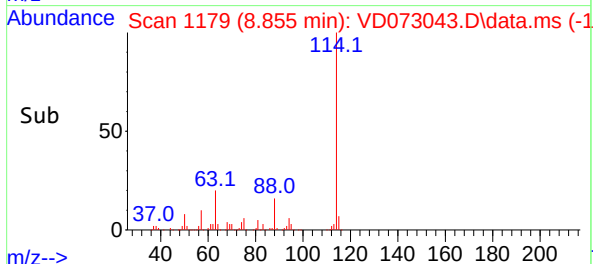
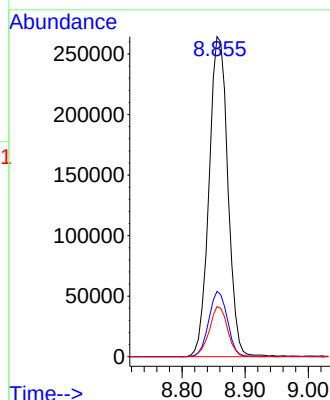
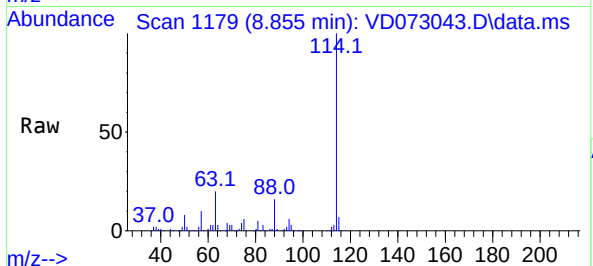




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD073043.D
Acq: 16 May 2022 19:05

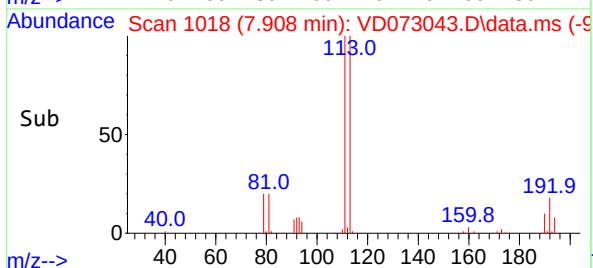
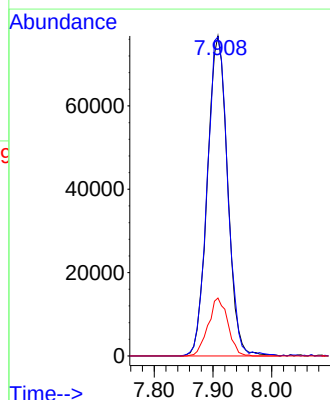
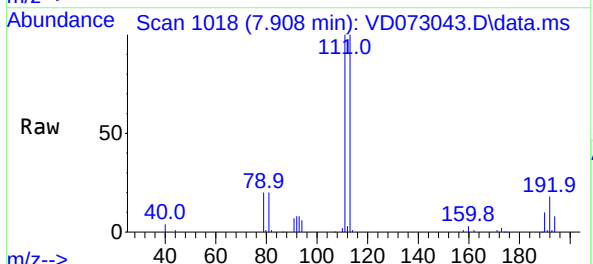
Instrument :
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ClientSampleId :
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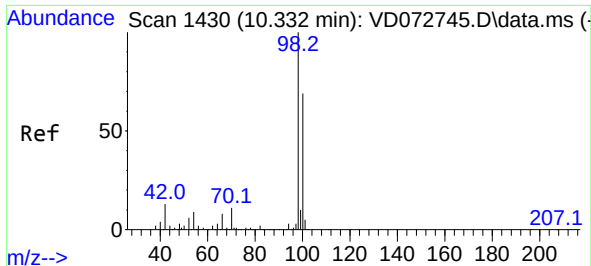
Tgt Ion:	114	Resp:	546996
Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	46.6
88	15.7	0.0	33.2



#35
Dibromofluoromethane
Concen: 47.671 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD073043.D
Acq: 16 May 2022 19:05

Tgt Ion:	113	Resp:	183134
Ion	Ratio	Lower	Upper
113	100		
111	101.0	83.8	125.6
192	17.6	14.6	21.8

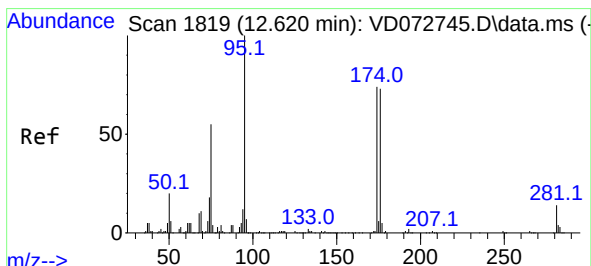
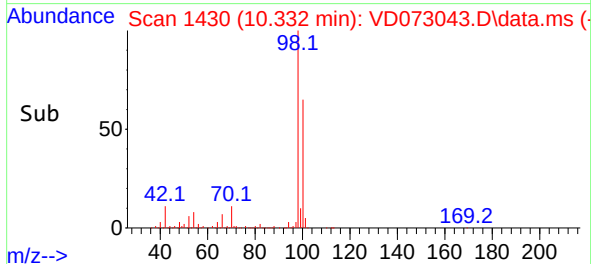
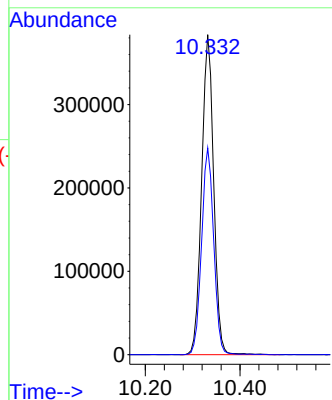
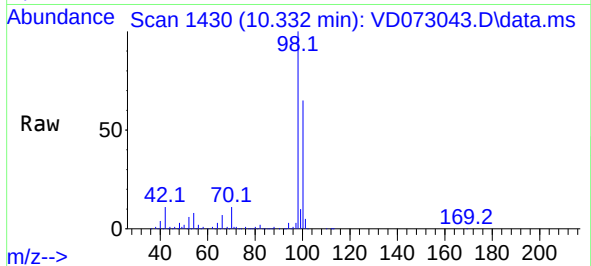




#50
Toluene-d8
Concen: 49.077 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073043.D
Acq: 16 May 2022 19:05

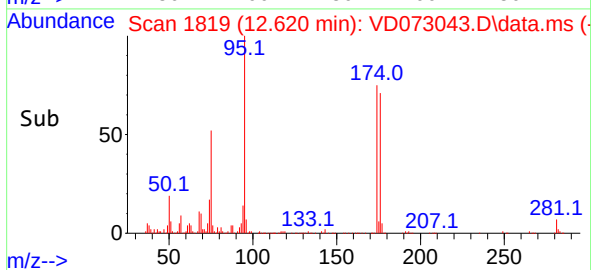
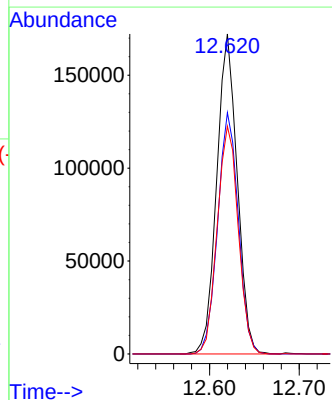
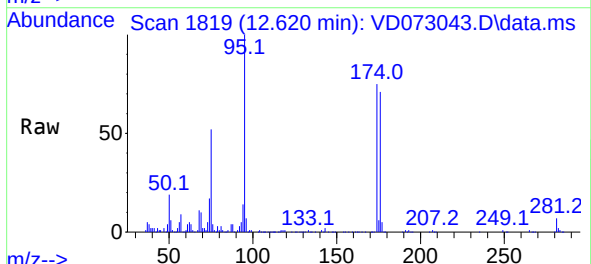
Instrument :
MSVOA_D
ClientSampleId :
P007-SS015-0006-01

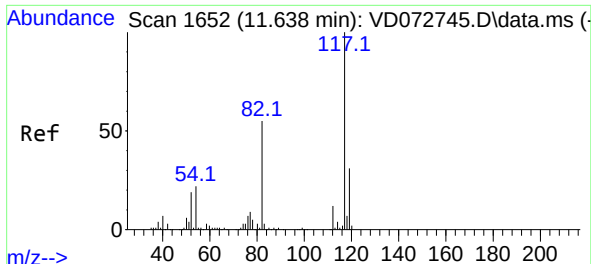
Tgt Ion: 98 Resp: 676300
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 53.187 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073043.D
Acq: 16 May 2022 19:05

Tgt Ion: 95 Resp: 273288
Ion Ratio Lower Upper
95 100
174 75.7 0.0 152.8
176 72.9 0.0 145.4

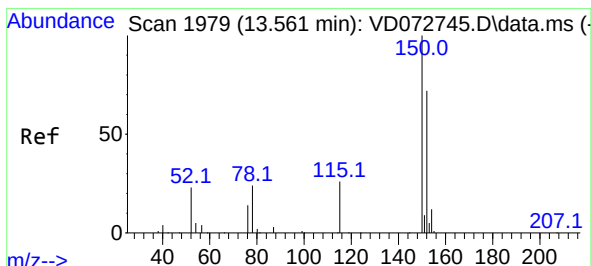
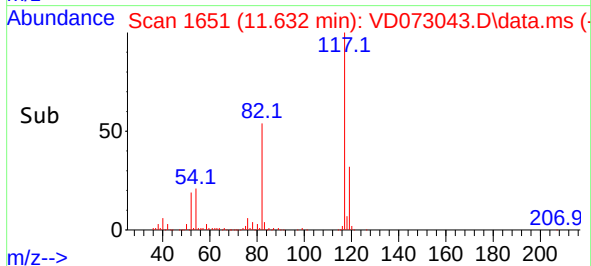
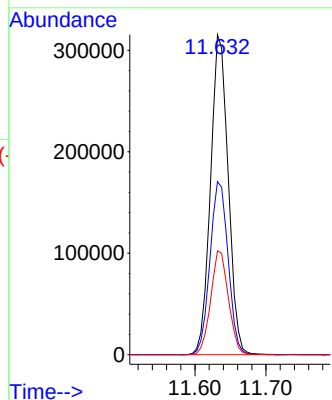
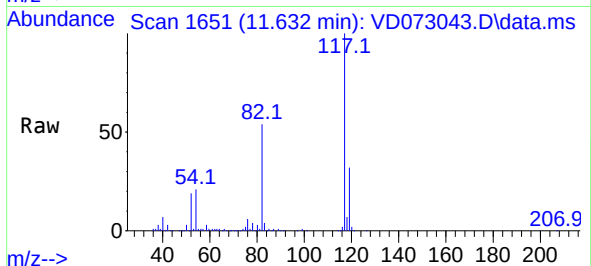




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD073043.D
Acq: 16 May 2022 19:05

Instrument :
MSVOA_D
ClientSampleId :
P007-SS015-0006-01

Tgt Ion:117 Resp: 544257
Ion Ratio Lower Upper
117 100
82 54.1 45.3 67.9
119 32.5 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073043.D
Acq: 16 May 2022 19:05

Tgt Ion:152 Resp: 258288
Ion Ratio Lower Upper
152 100
115 60.5 31.3 93.8
150 156.5 0.0 348.6

