

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
 Data File : VD073095.D
 Acq On : 18 May 2022 13:22
 Operator : VA/SY
 Sample : N2847-01RE
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PSC-124019RE

Quant Time: May 18 16:30:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:58:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	17907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	29945	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	33728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	13561	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	16211	72.390	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	144.780%
35) Dibromofluoromethane	7.903	113	13873	65.984	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	131.960%
50) Toluene-d8	10.332	98	36100	47.330	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.660%
62) 4-Bromofluorobenzene	12.620	95	14176	51.314	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.620%

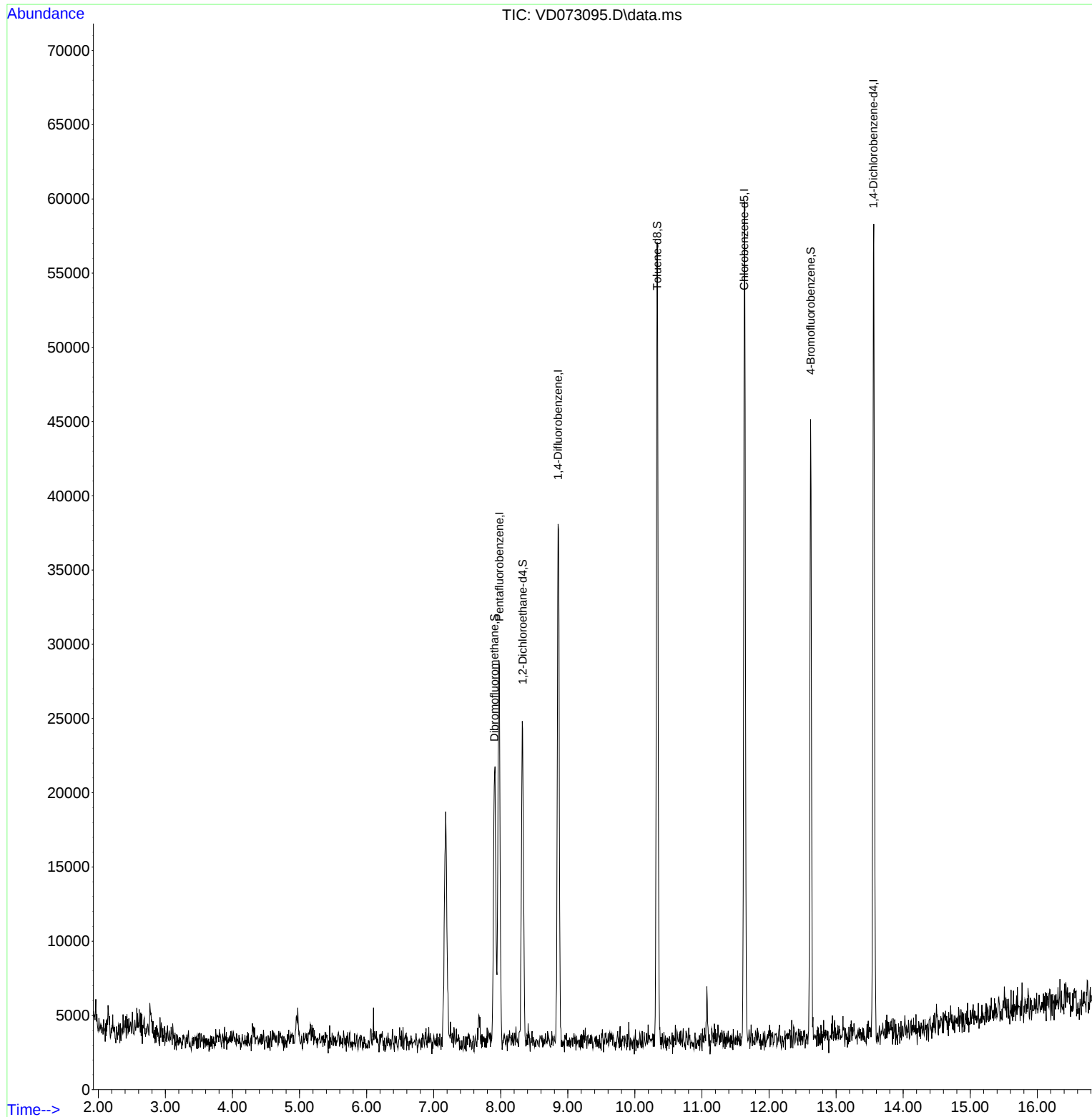
Target Compounds	Qvalue

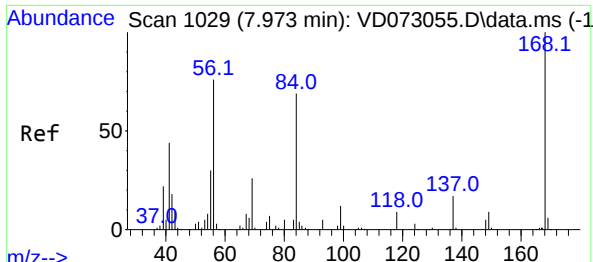
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. 0.006 min

Lab File: VD073095.D

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Instrument :

MSVOA_D

ClientSampleId :

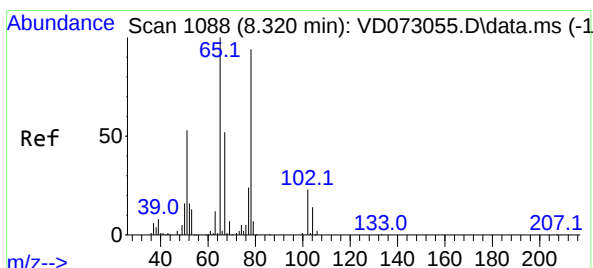
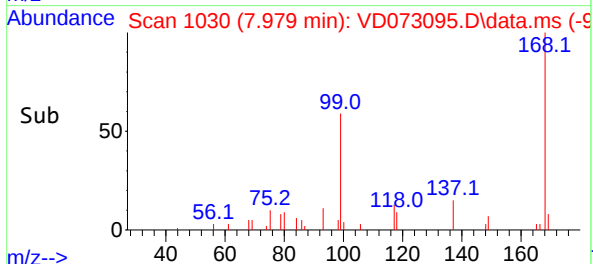
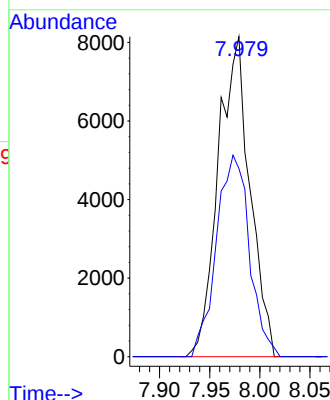
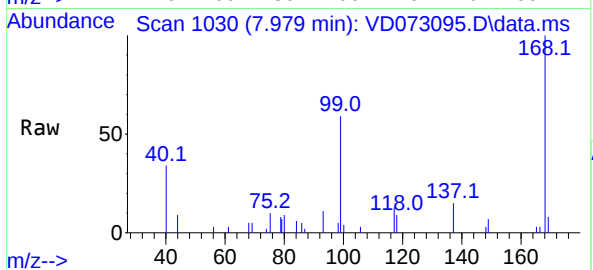
PSC-124019RE

Tgt Ion:168 Resp: 17907

Ion Ratio Lower Upper

168 100

99 58.8 49.8 74.6



1,2-Dichloroethane-d4

Concen: 72.390 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD073095.D

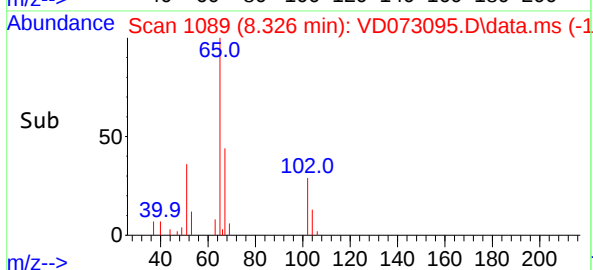
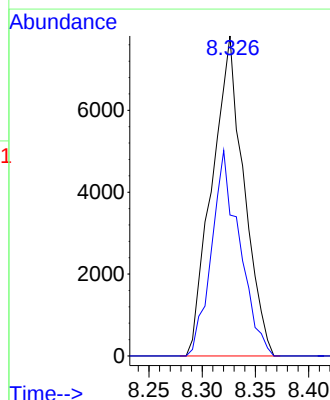
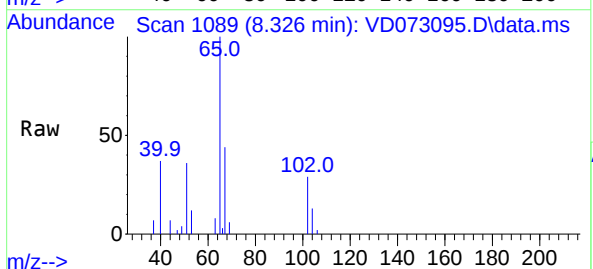
Acq: 18 May 2022 13:22

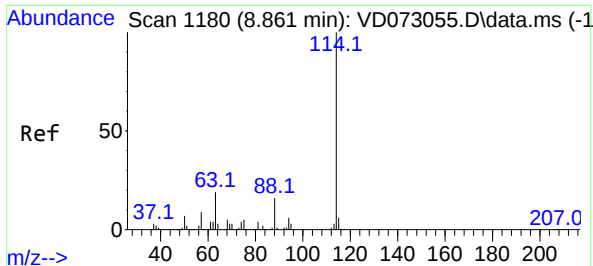
Tgt Ion: 65 Resp: 16211

Ion Ratio Lower Upper

65 100

67 56.8 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: VD073095.D

Acq: 18 May 2022 13:22

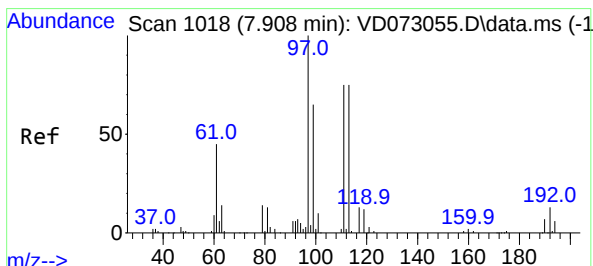
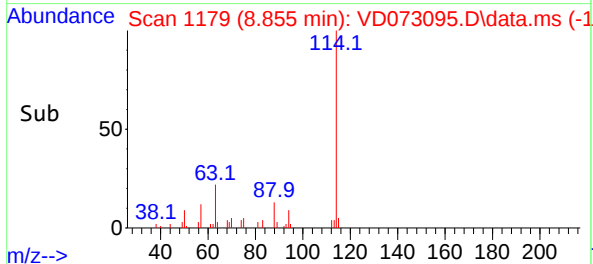
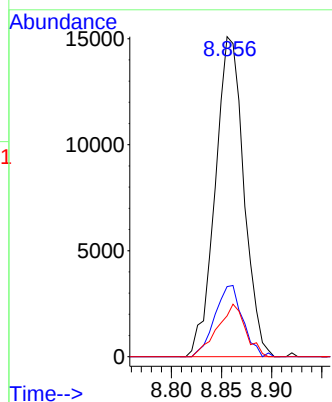
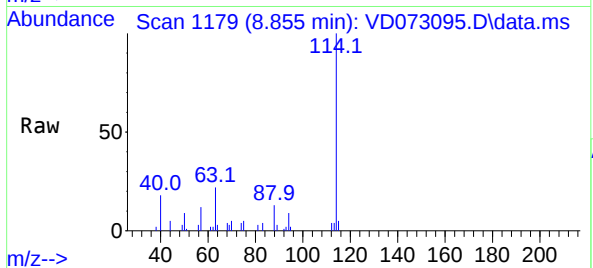
Instrument :

MSVOA_D

ClientSampleId :

PSC-124019RE

Tgt Ion:114	Resp:	29945
Ion	Ratio	Lower Upper
114	100	
63	21.9	0.0 46.6
88	12.7	0.0 33.2



#35

Dibromofluoromethane

Concen: 65.984 ug/l

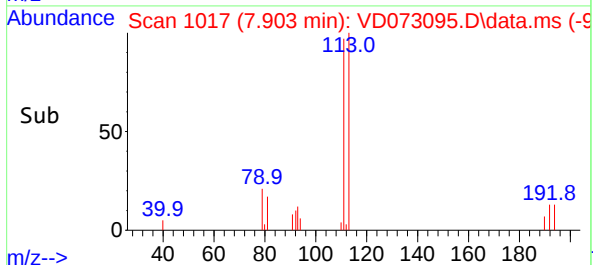
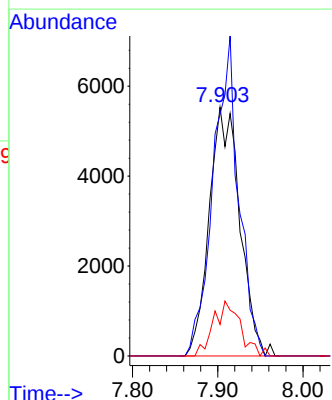
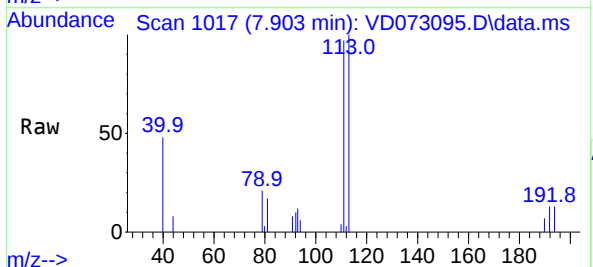
RT: 7.903 min Scan# 1017

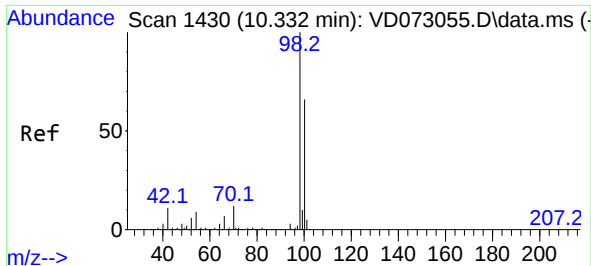
Delta R.T. -0.006 min

Lab File: VD073095.D

Acq: 18 May 2022 13:22

Tgt Ion:113	Resp:	13873
Ion	Ratio	Lower Upper
113	100	
111	106.3	83.8 125.6
192	19.3	14.6 21.8

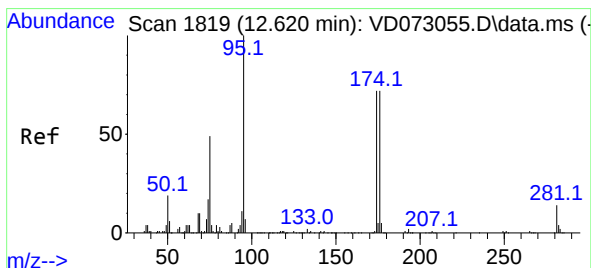
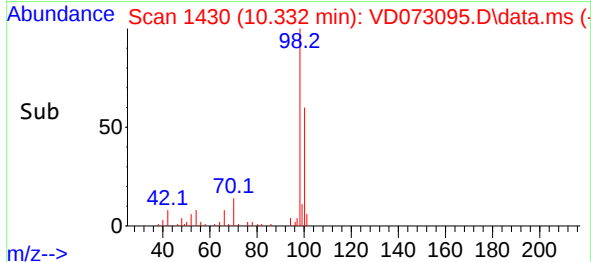
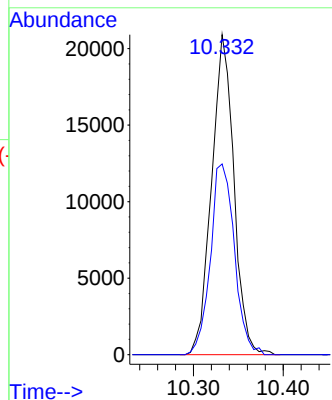
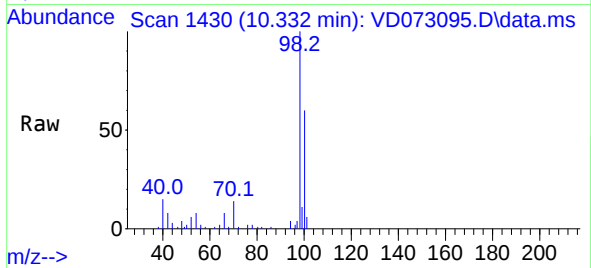




#50
Toluene-d8
Concen: 47.330 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073095.D
Acq: 18 May 2022 13:22

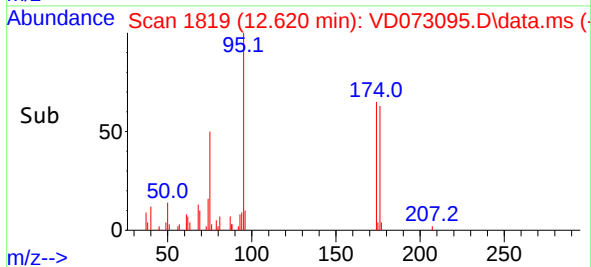
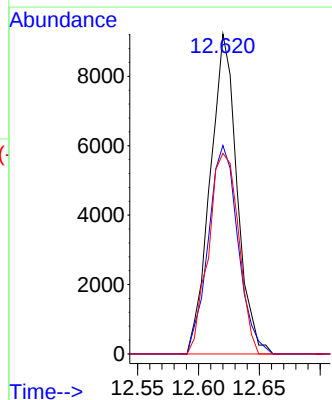
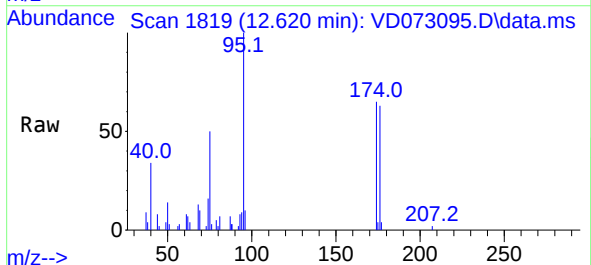
Instrument :
MSVOA_D
ClientSampleId :
PSC-124019RE

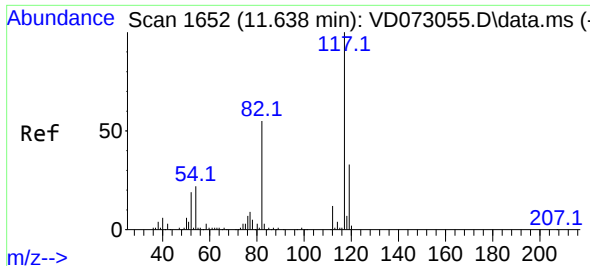
Tgt Ion: 98 Resp: 36100
Ion Ratio Lower Upper
98 100
100 64.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 51.314 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073095.D
Acq: 18 May 2022 13:22

Tgt Ion: 95 Resp: 14176
Ion Ratio Lower Upper
95 100
174 72.0 0.0 152.8
176 69.8 0.0 145.4

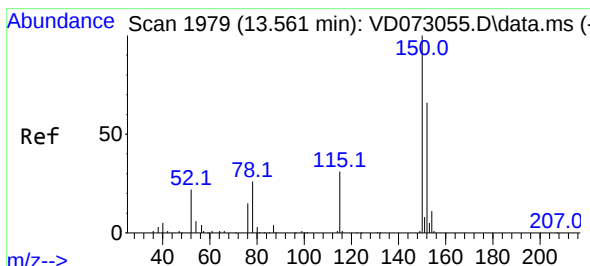
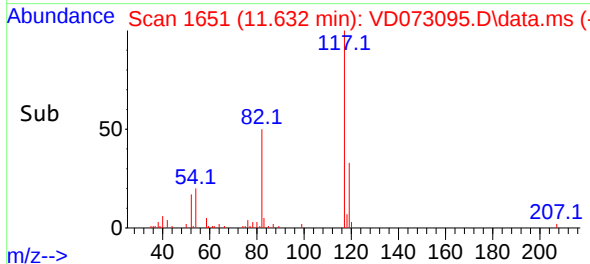
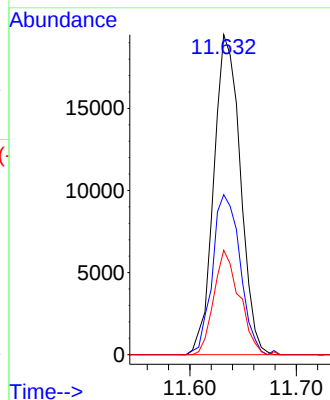
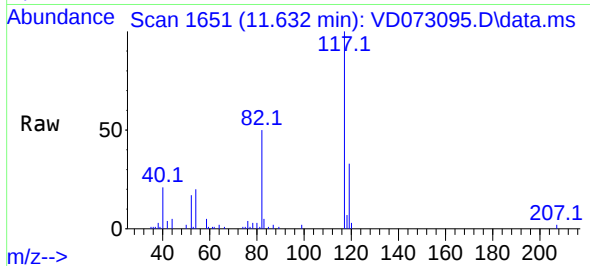




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD073095.D
Acq: 18 May 2022 13:22

Instrument :
MSVOA_D
ClientSampleId :
PSC-124019RE

Tgt Ion:	117	Resp:	33728
Ion	Ratio	Lower	Upper
117	100		
82	50.0	45.3	67.9
119	32.6	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. -0.006 min
Lab File: VD073095.D
Acq: 18 May 2022 13:22

Tgt Ion:	152	Resp:	13561
Ion	Ratio	Lower	Upper
152	100		
115	62.6	31.3	93.8
150	171.9	0.0	348.6

