

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052122\
 Data File : VD073244.D
 Acq On : 21 May 2022 22:19
 Operator : VA/SY
 Sample : N2920-05
 Misc : 4.87G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P015-SS010-0006-01

Quant Time: May 22 01:35:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	271033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	481582	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	488111	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	201560	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	148336	49.523	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.040%
35) Dibromofluoromethane	7.909	113	164141	51.652	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.300%
50) Toluene-d8	10.332	98	593365	50.654	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.300%
62) 4-Bromofluorobenzene	12.620	95	200143	48.685	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.380%

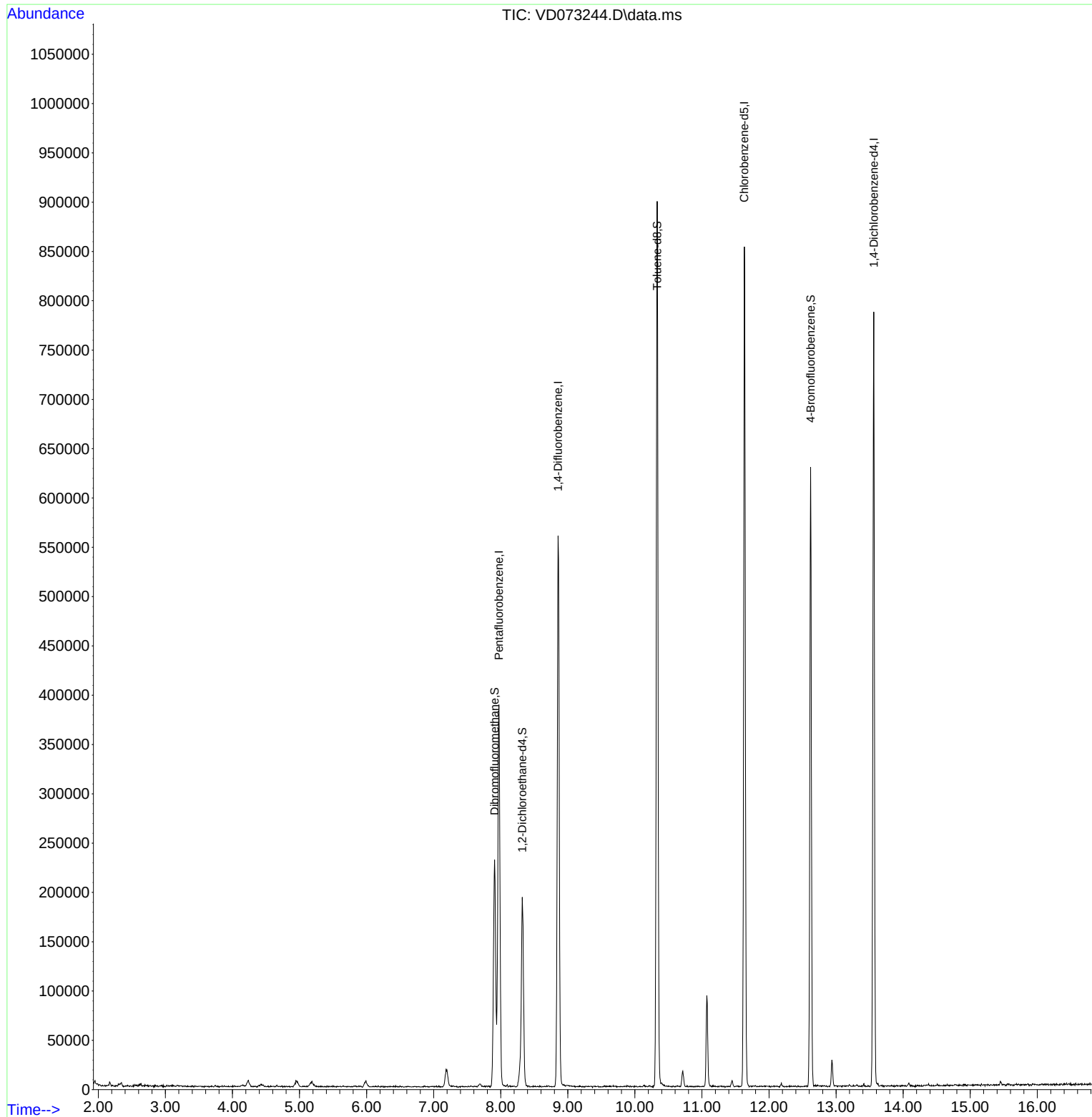
Target Compounds	Qvalue

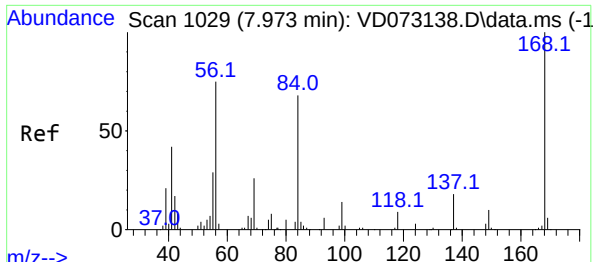
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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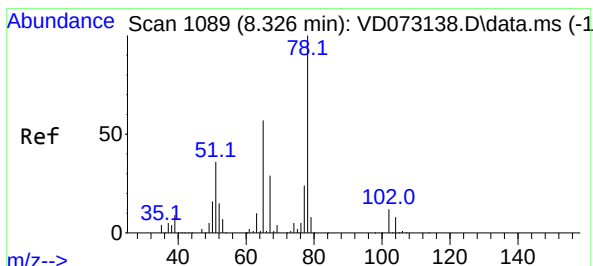
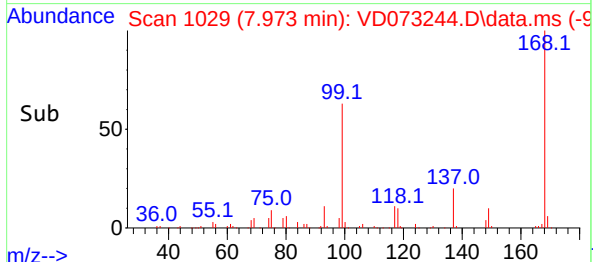
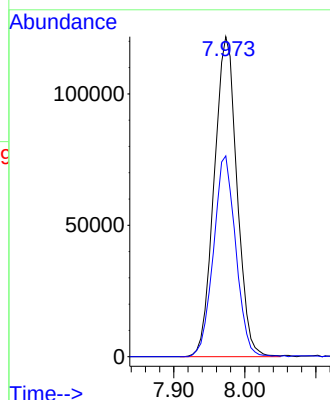
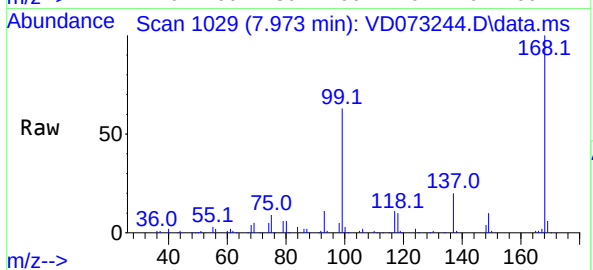




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073244.D
Acq: 21 May 2022 22:19

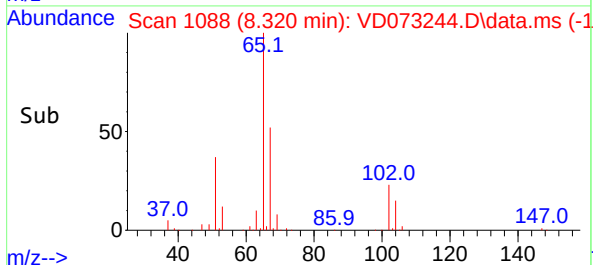
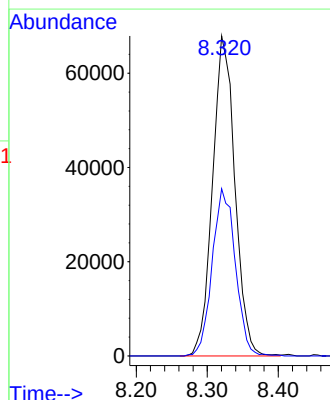
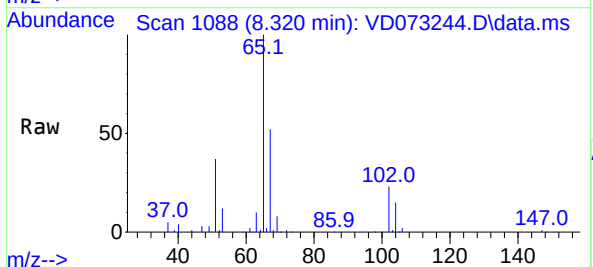
Instrument :
MSVOA_D
ClientSampleId :
P015-SS010-0006-01

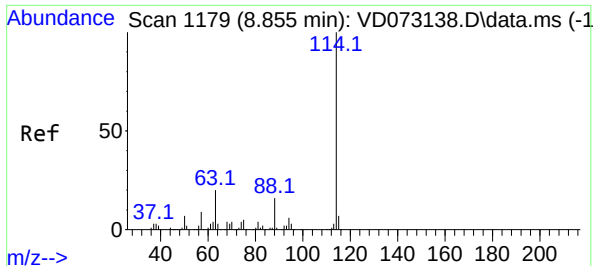
Tgt Ion:168 Resp: 271033
Ion Ratio Lower Upper
168 100
99 62.8 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 49.523 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073244.D
Acq: 21 May 2022 22:19

Tgt Ion: 65 Resp: 148336
Ion Ratio Lower Upper
65 100
67 54.1 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD073244.D

Acq: 21 May 2022 22:19

Instrument :

MSVOA_D

ClientSampleId :

P015-SS010-0006-01

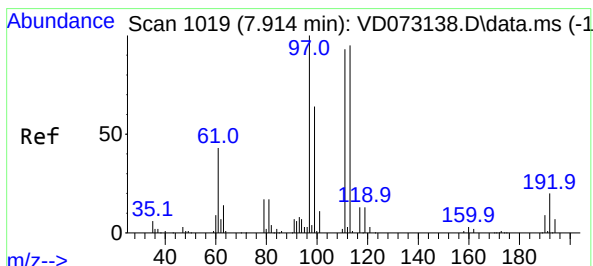
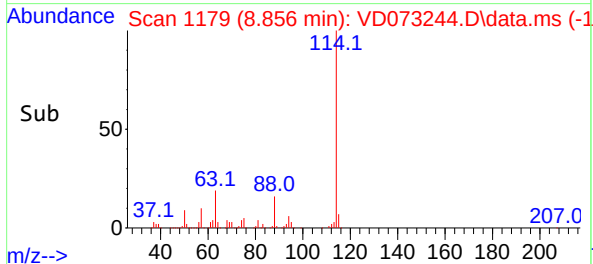
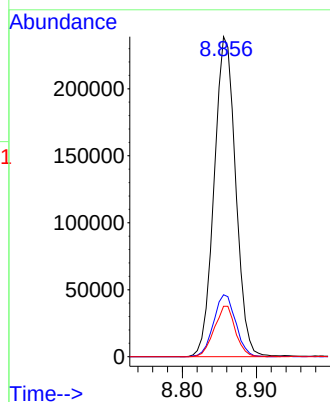
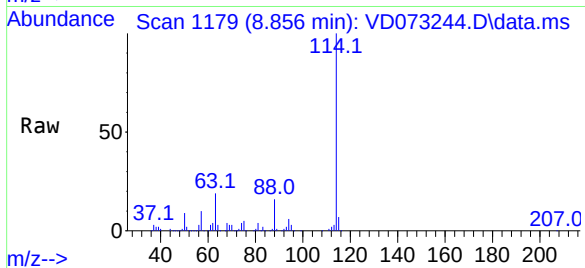
Tgt Ion:114 Resp: 481582

Ion Ratio Lower Upper

114 100

63 19.4 0.0 46.6

88 15.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 51.652 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.005 min

Lab File: VD073244.D

Acq: 21 May 2022 22:19

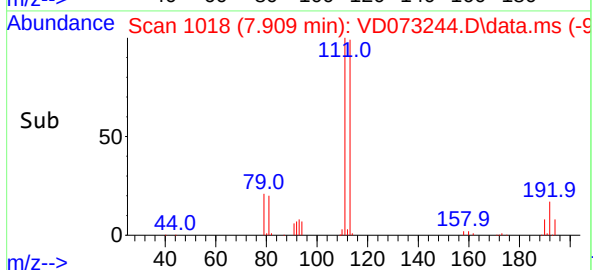
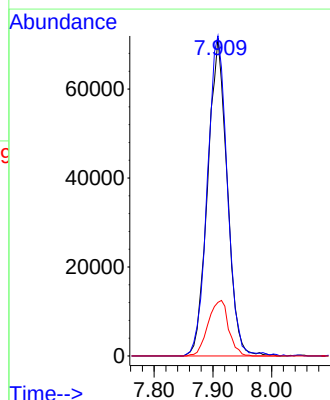
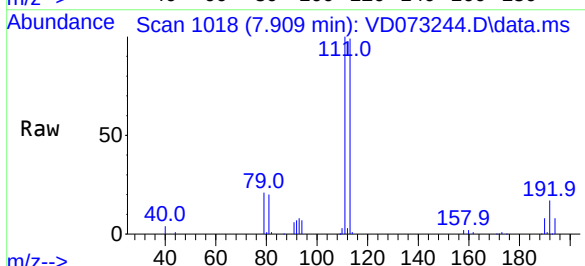
Tgt Ion:113 Resp: 164141

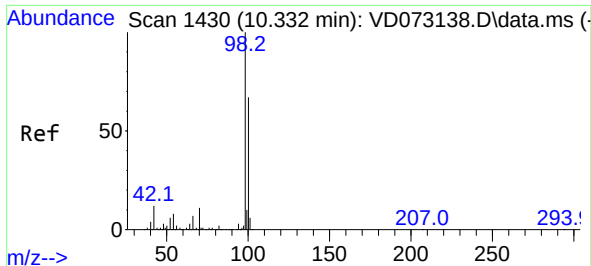
Ion Ratio Lower Upper

113 100

111 103.0 83.8 125.6

192 18.4 14.6 21.8

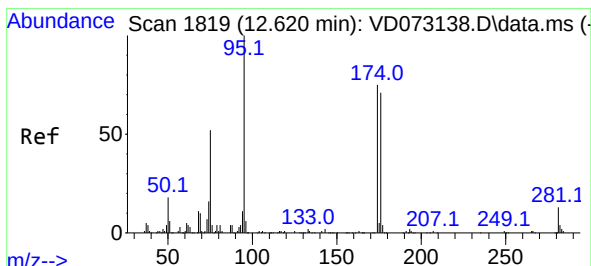
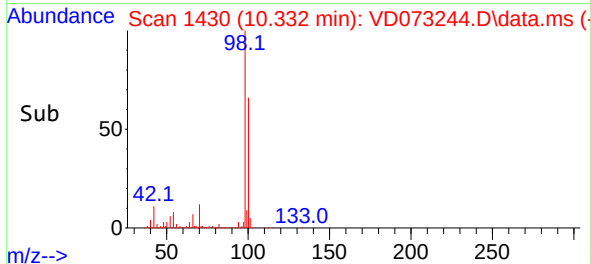
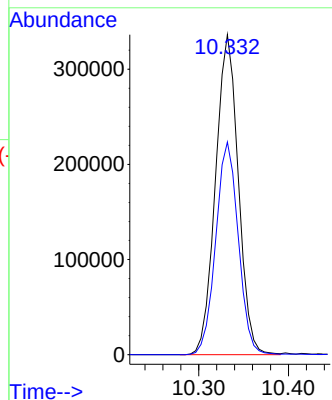
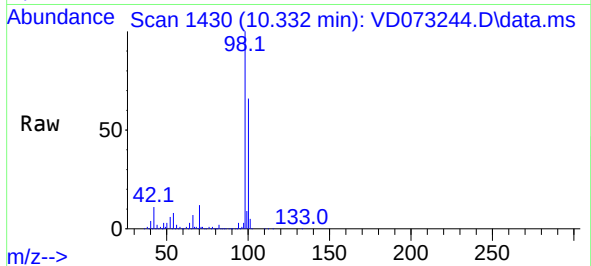




#50
Toluene-d8
Concen: 50.654 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073244.D
Acq: 21 May 2022 22:19

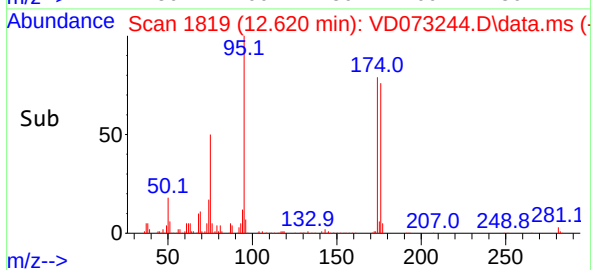
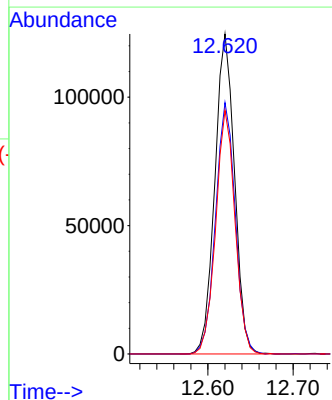
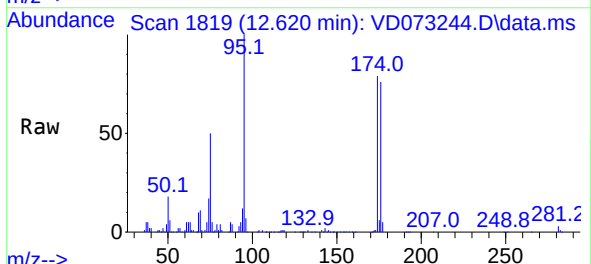
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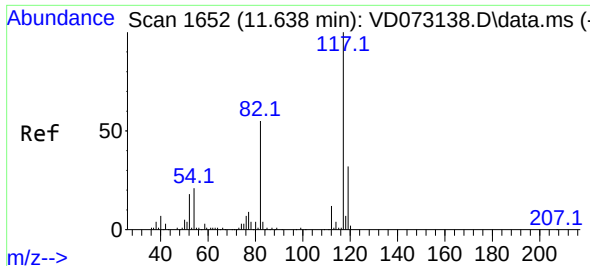
Tgt Ion: 98 Resp: 593365
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.685 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073244.D
Acq: 21 May 2022 22:19

Tgt Ion: 95 Resp: 200143
Ion Ratio Lower Upper
95 100
174 78.6 0.0 152.8
176 74.6 0.0 145.4

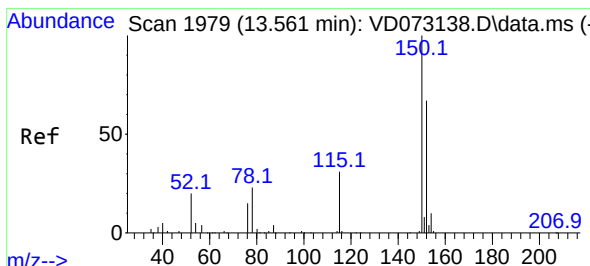
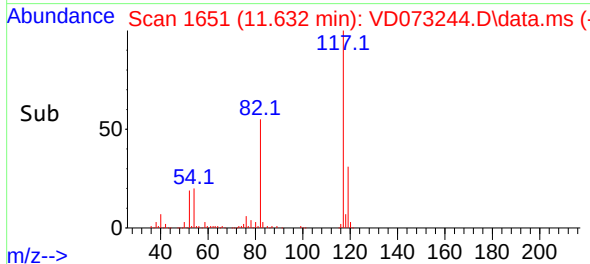
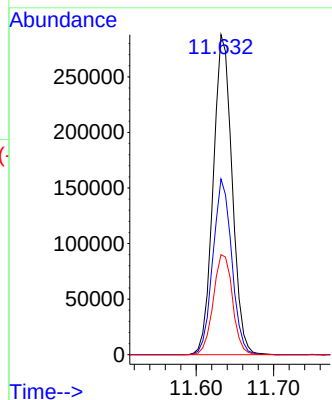
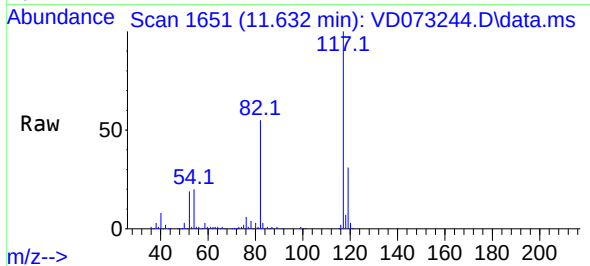




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD073244.D
Acq: 21 May 2022 22:19

Instrument :
MSVOA_D
ClientSampleId :
P015-SS010-0006-01

Tgt	Ion:117	Resp:	488111
Ion	Ratio	Lower	Upper
117	100		
82	54.9	45.3	67.9
119	31.3	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: VD073244.D
Acq: 21 May 2022 22:19

Tgt Ion:152	Resp: 201560		
Ion	Ratio	Lower	Upper
152	100		
115	59.7	31.3	93.8
150	158.7	0.0	348.6

