

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032522\
 Data File : VD072424.D
 Acq On : 25 Mar 2022 12:54
 Operator : VA/SY
 Sample : N2109-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Mar 26 00:09:34 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	7.973	168	56398	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	95093	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	120934	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	61795	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	41563	66.128	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.260%
35) Dibromofluoromethane	7.914	113	35905	53.655	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.320%
50) Toluene-d8	10.332	98	118829	48.564	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.120%
62) 4-Bromofluorobenzene	12.626	95	56041	58.945	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	117.880%

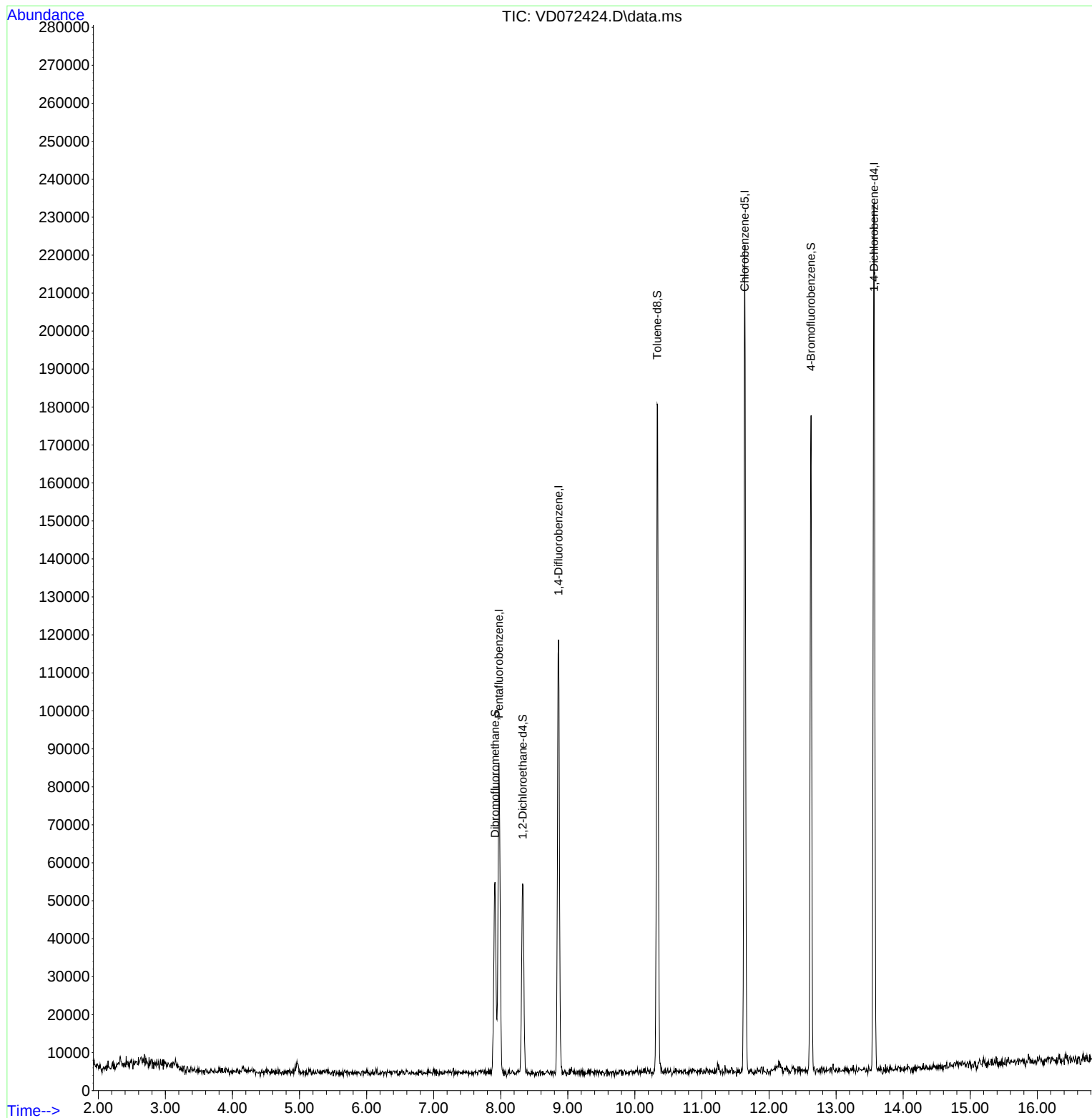
Target Compounds	Qvalue

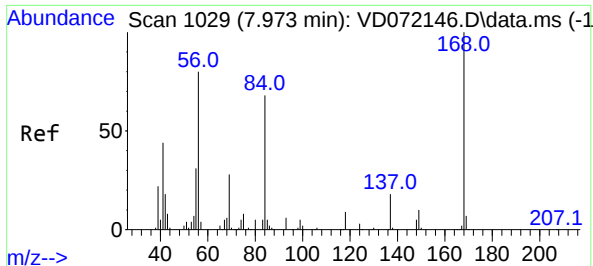
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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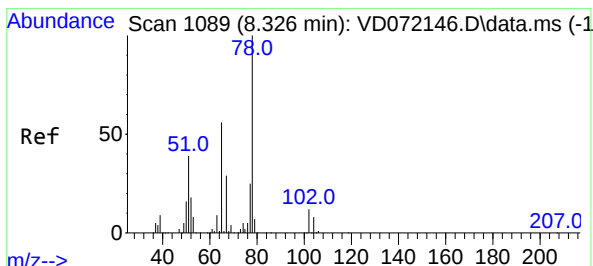
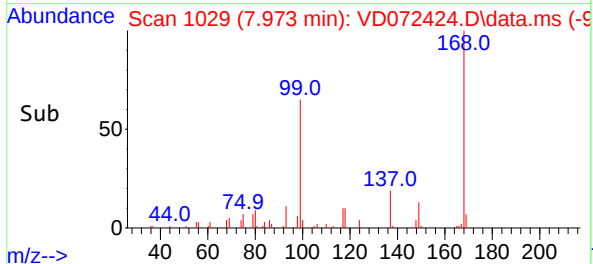
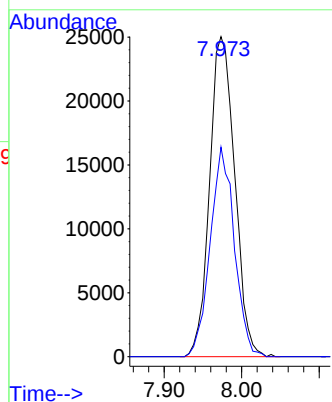
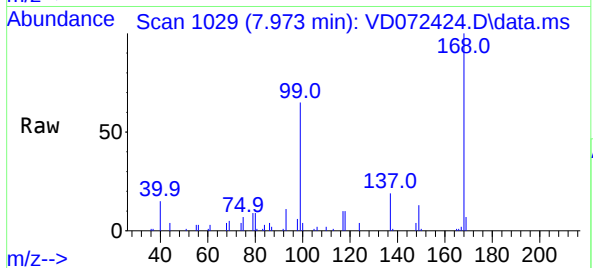




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072424.D
Acq: 25 Mar 2022 12:54

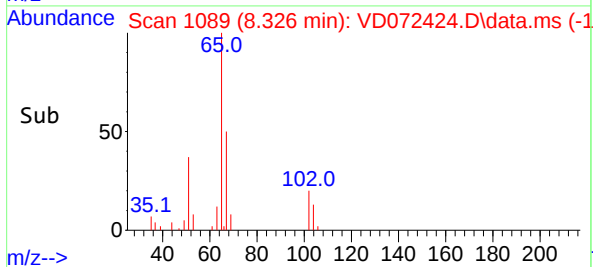
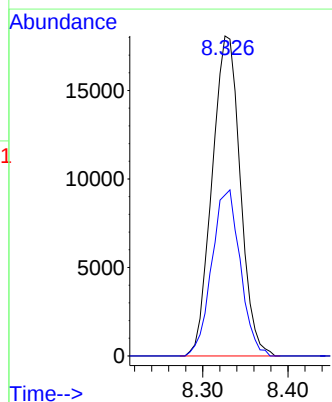
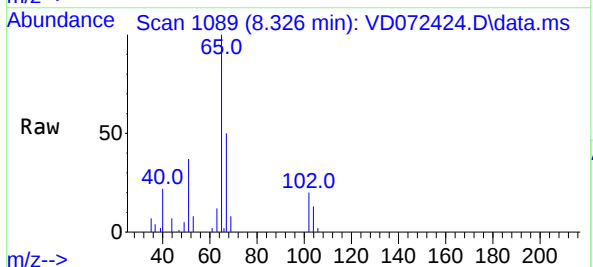
Instrument :
MSVOA_D
ClientSampleId :
TP-1

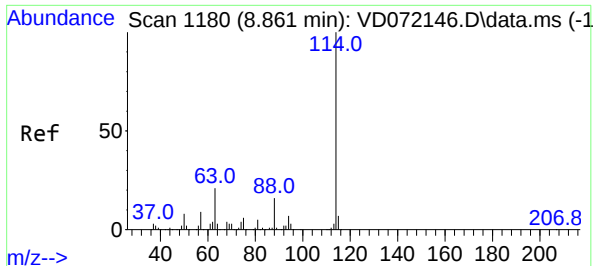
Tgt Ion:168 Resp: 56398
Ion Ratio Lower Upper
168 100
99 65.5 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 66.128 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072424.D
Acq: 25 Mar 2022 12:54

Tgt Ion: 65 Resp: 41563
Ion Ratio Lower Upper
65 100
67 52.5 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: VD072424.D

Acq: 25 Mar 2022 12:54

Instrument :

MSVOA_D

ClientSampleId :

TP-1

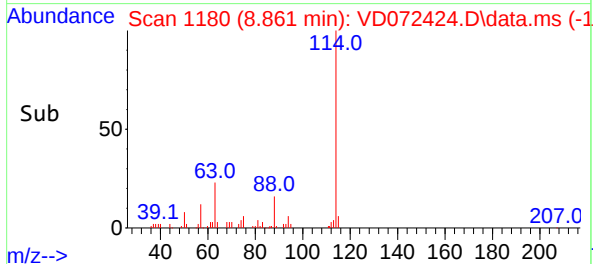
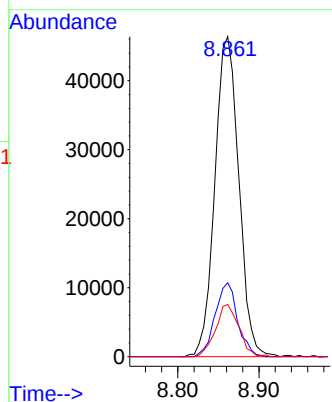
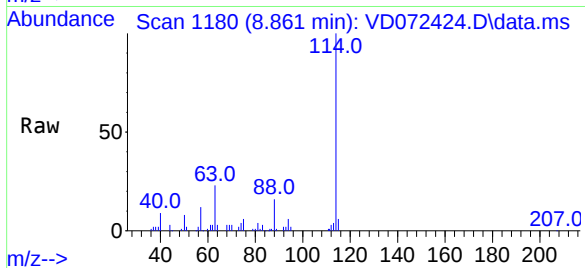
Tgt Ion:114 Resp: 95093

Ion Ratio Lower Upper

114 100

63 23.1 0.0 46.6

88 16.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 53.655 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072424.D

Acq: 25 Mar 2022 12:54

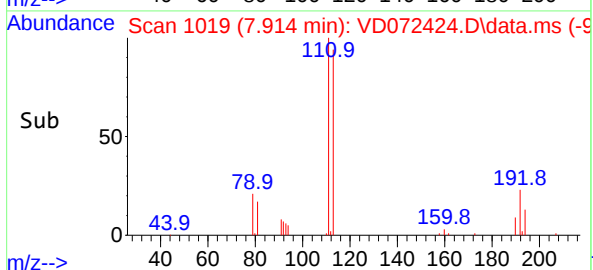
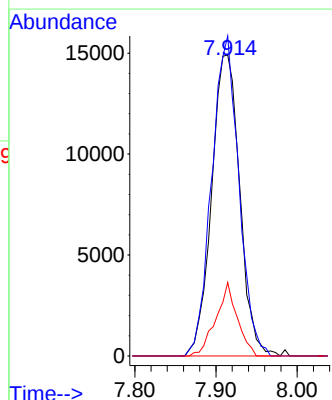
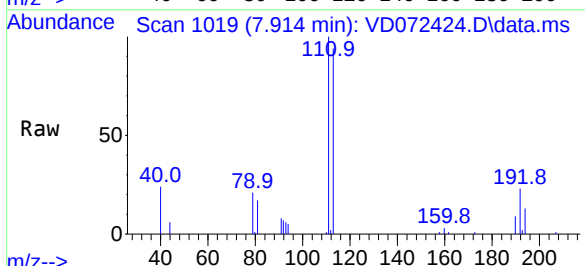
Tgt Ion:113 Resp: 35905

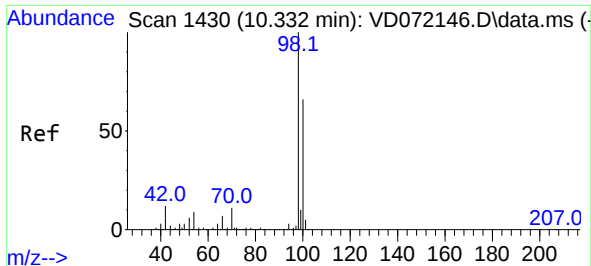
Ion Ratio Lower Upper

113 100

111 102.6 83.8 125.6

192 18.5 14.6 21.8

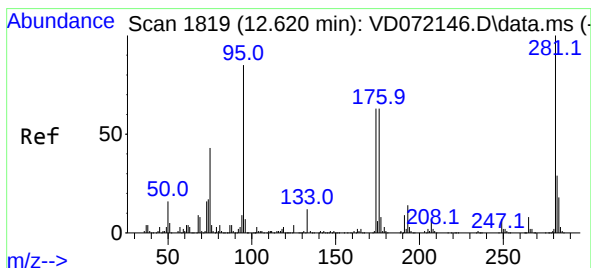
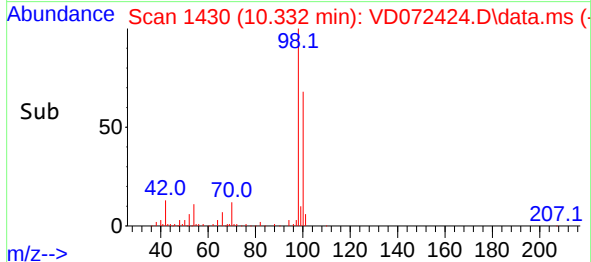
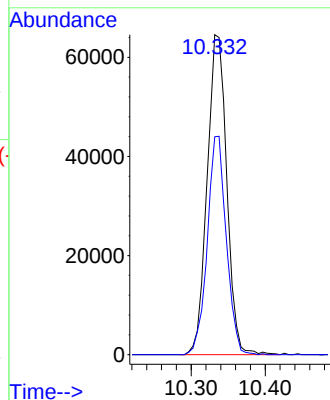
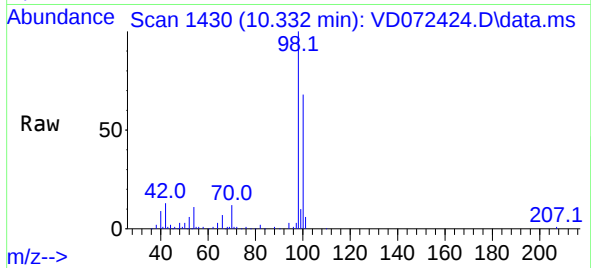




#50
Toluene-d8
Concen: 48.564 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072424.D
Acq: 25 Mar 2022 12:54

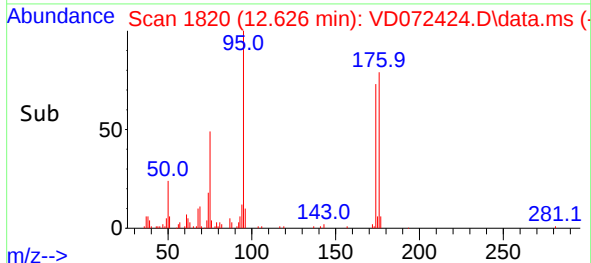
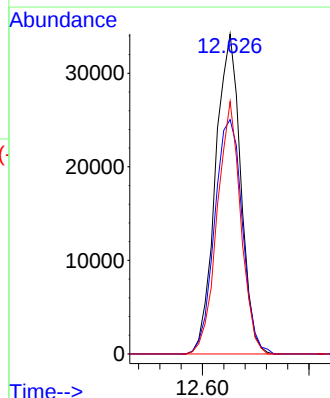
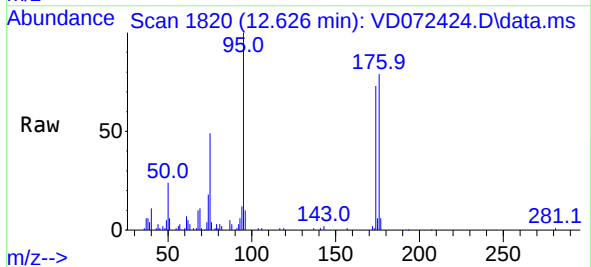
Instrument :
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ClientSampleId :
TP-1

Tgt Ion: 98 Resp: 118829
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 58.945 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072424.D
Acq: 25 Mar 2022 12:54

Tgt Ion: 95 Resp: 56041
Ion Ratio Lower Upper
95 100
174 80.7 0.0 152.8
176 73.9 0.0 145.4

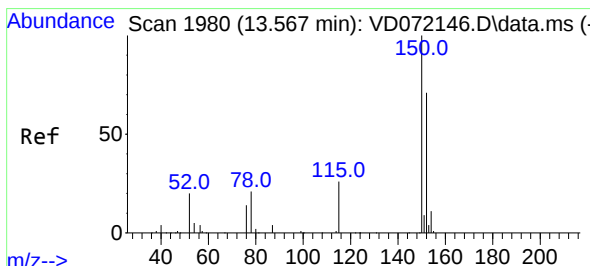
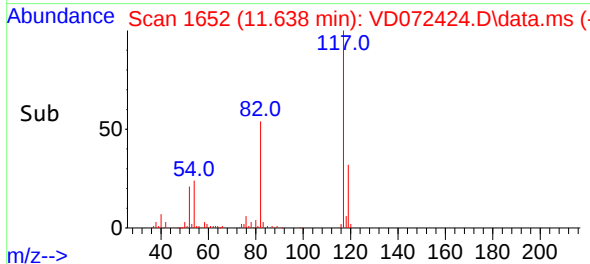
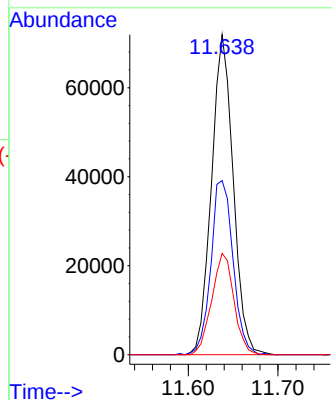
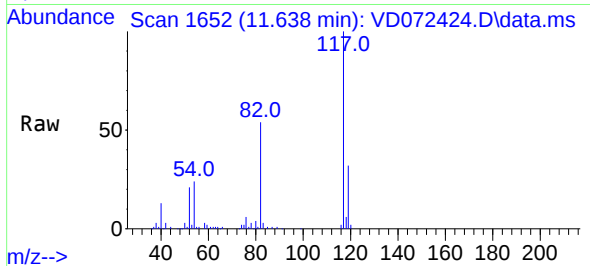




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD072424.D
Acq: 25 Mar 2022 12:54

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tgt Ion:117 Resp: 120934
Ion Ratio Lower Upper
117 100
82 54.4 45.3 67.9
119 31.6 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: VD072424.D
Acq: 25 Mar 2022 12:54

Tgt Ion:152 Resp: 61795
Ion Ratio Lower Upper
152 100
115 60.9 31.3 93.8
150 156.0 0.0 348.6

