

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032422\
 Data File : VD072407.D
 Acq On : 24 Mar 2022 14:57
 Operator : VA/SY
 Sample : N2094-05
 Misc : 6.39G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-2-(Q3)

Quant Time: Mar 25 02:55:21 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	373132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	638907	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	658936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	215566	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	192874	46.382	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.760%
35) Dibromofluoromethane	7.909	113	199514	44.376	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.760%
50) Toluene-d8	10.332	98	767989	46.715	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.440%
62) 4-Bromofluorobenzene	12.626	95	308498	48.295	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.600%

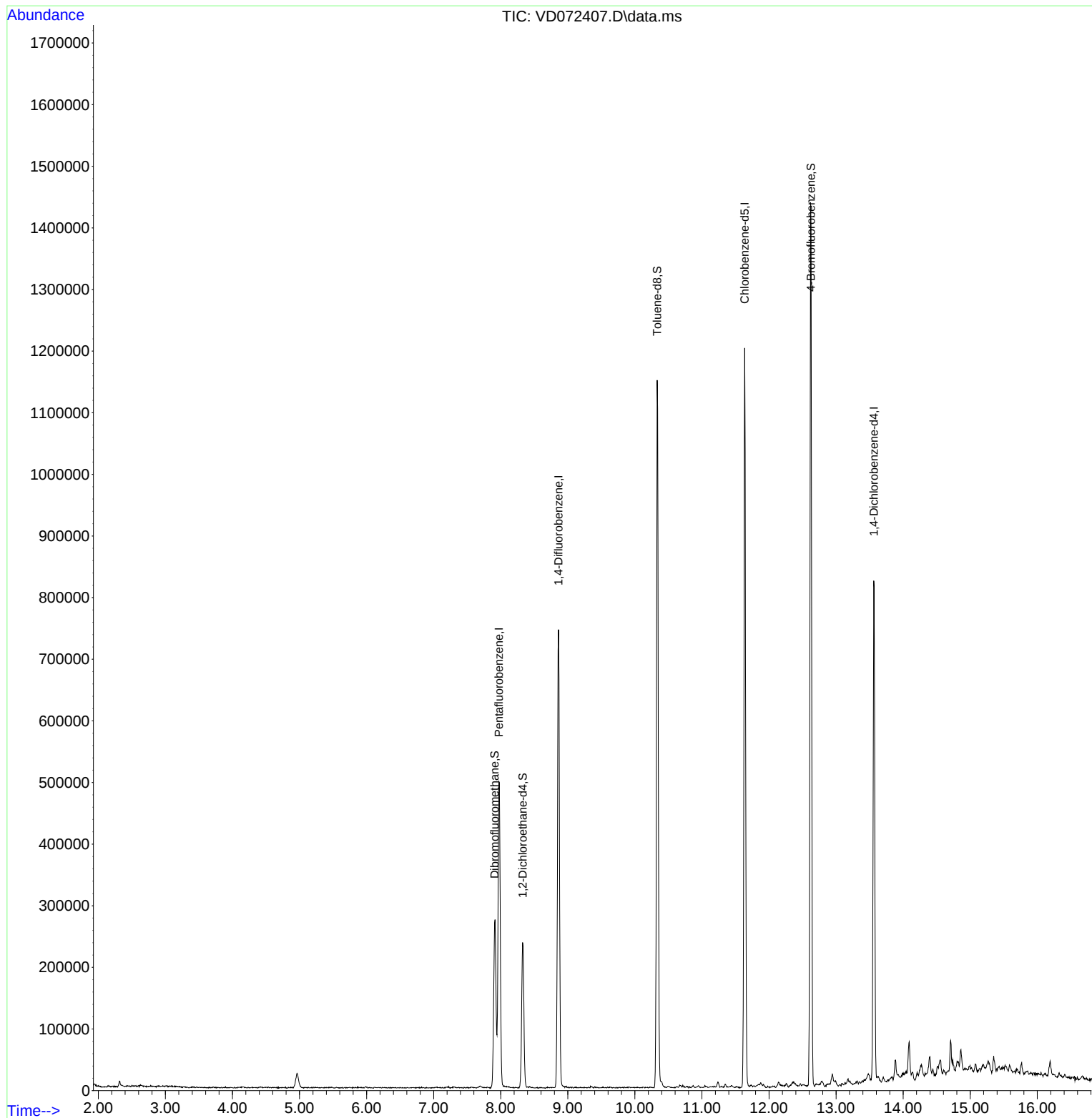
Target Compounds	Qvalue

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

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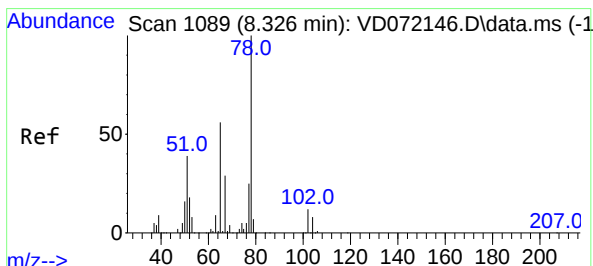
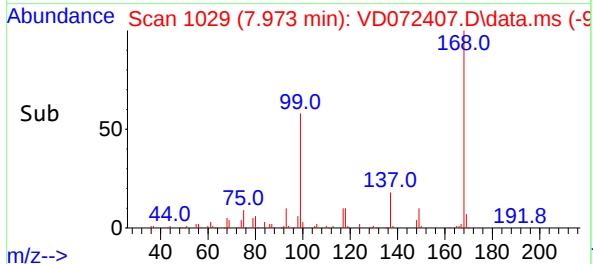
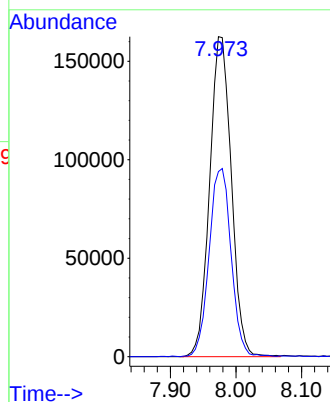
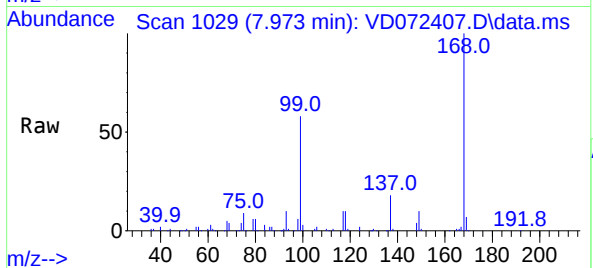




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072407.D
Acq: 24 Mar 2022 14:57

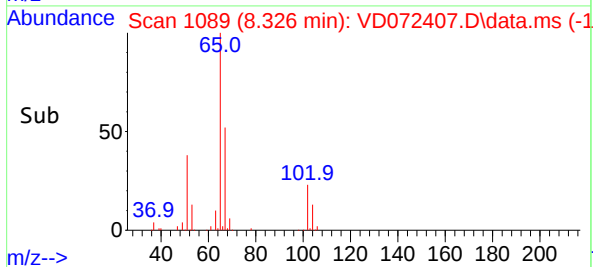
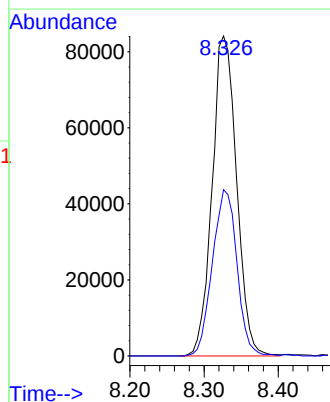
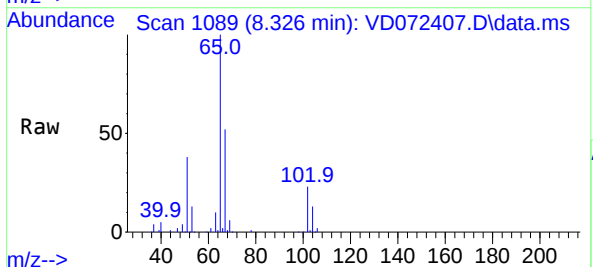
Instrument :
MSVOA_D
ClientSampleId :
WC-2-(Q3)

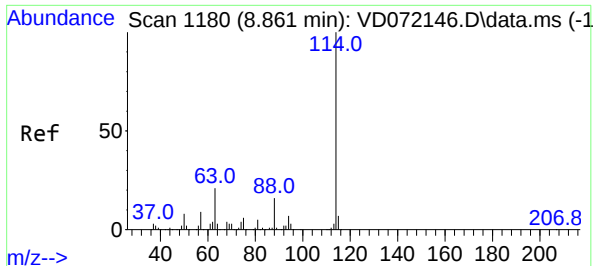
Tgt Ion:168 Resp: 373132
Ion Ratio Lower Upper
168 100
99 57.8 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 46.382 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072407.D
Acq: 24 Mar 2022 14:57

Tgt Ion: 65 Resp: 192874
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.4

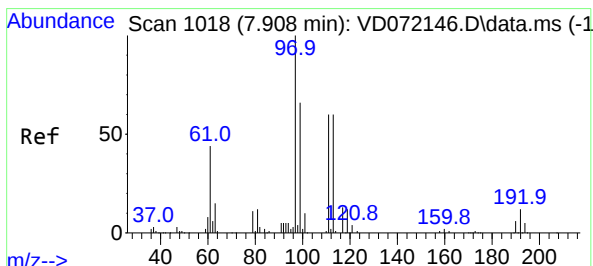
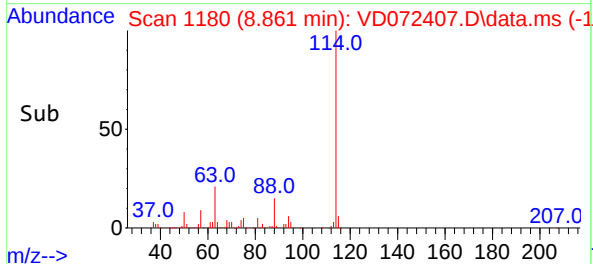
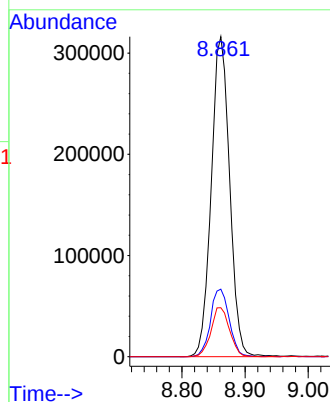
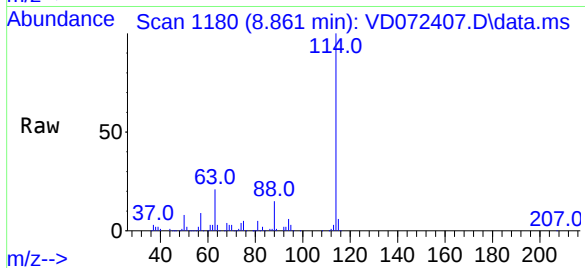




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072407.D
Acq: 24 Mar 2022 14:57

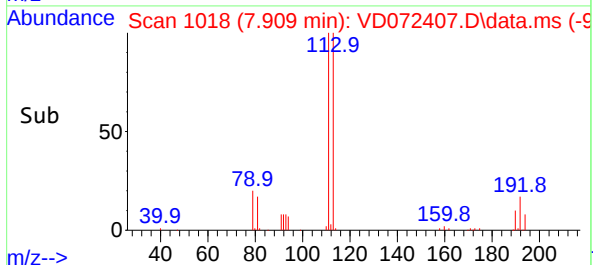
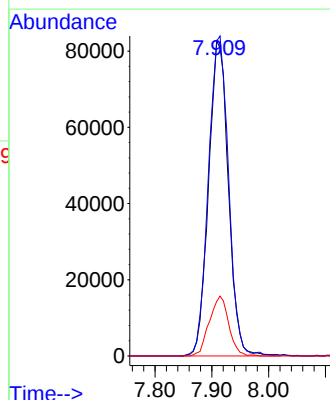
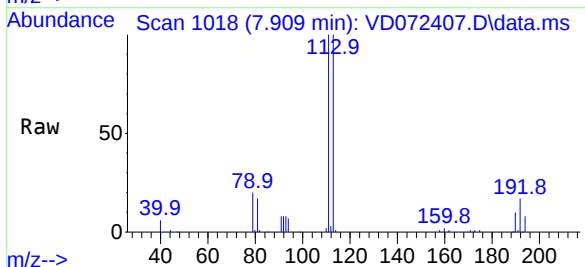
Instrument :
MSVOA_D
ClientSampleId :
WC-2-(Q3)

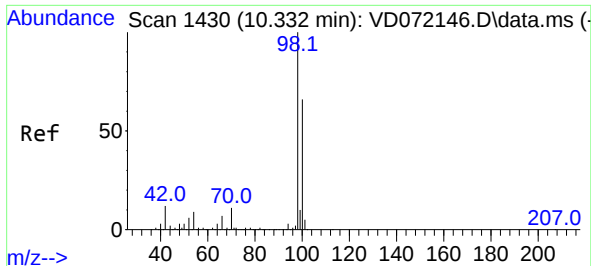
Tgt Ion:114 Resp: 638907
Ion Ratio Lower Upper
114 100
63 21.1 0.0 46.6
88 15.3 0.0 33.2



#35
Dibromofluoromethane
Concen: 44.376 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD072407.D
Acq: 24 Mar 2022 14:57

Tgt Ion:113 Resp: 199514
Ion Ratio Lower Upper
113 100
111 102.8 83.8 125.6
192 18.7 14.6 21.8

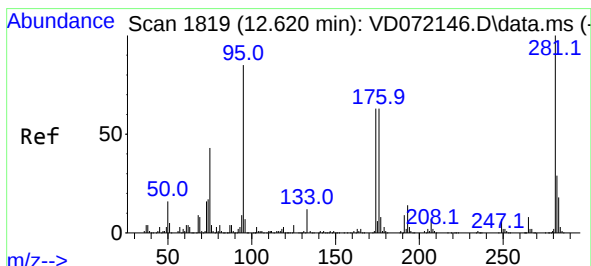
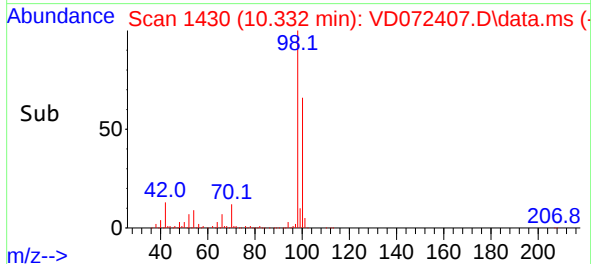
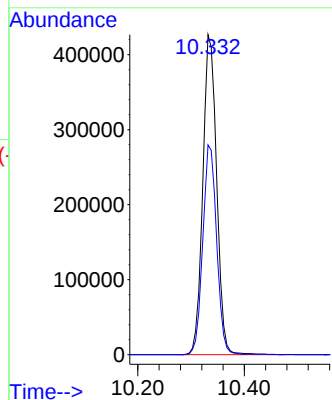
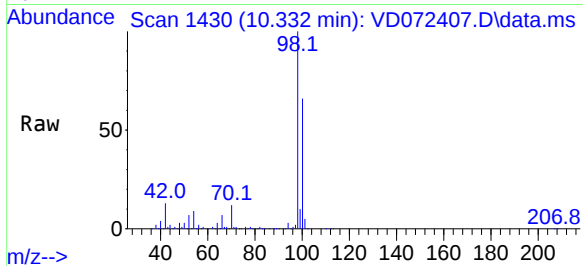




#50
Toluene-d8
Concen: 46.715 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072407.D
Acq: 24 Mar 2022 14:57

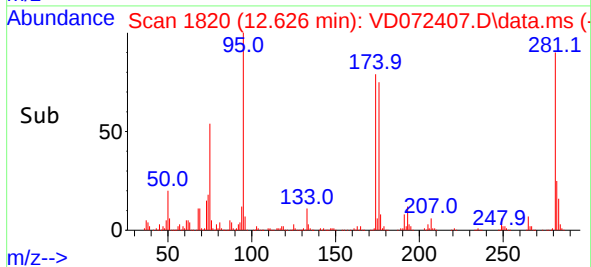
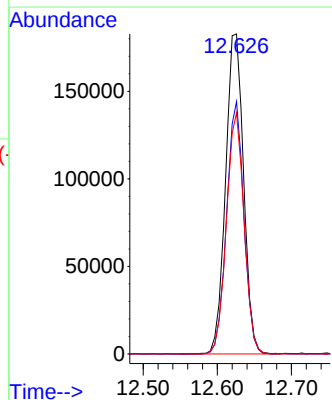
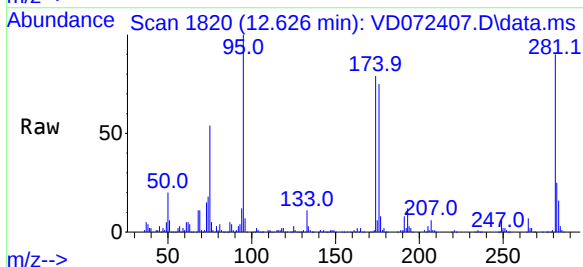
Instrument :
MSVOA_D
ClientSampleId :
WC-2-(Q3)

Tgt Ion: 98 Resp: 767989
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.295 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072407.D
Acq: 24 Mar 2022 14:57

Tgt Ion: 95 Resp: 308498
Ion Ratio Lower Upper
95 100
174 75.5 0.0 152.8
176 73.4 0.0 145.4

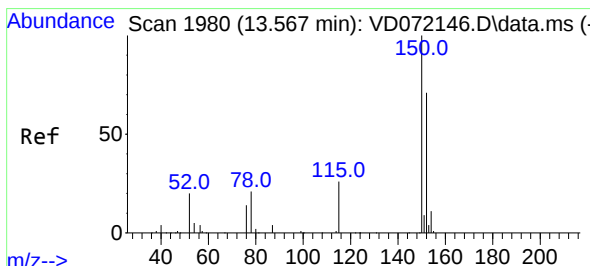
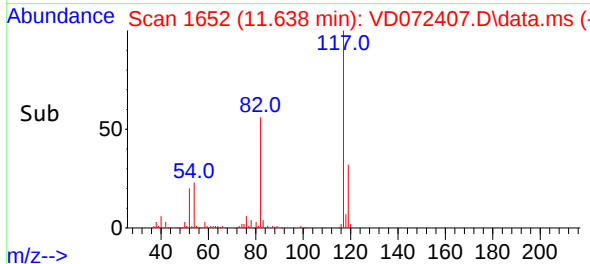
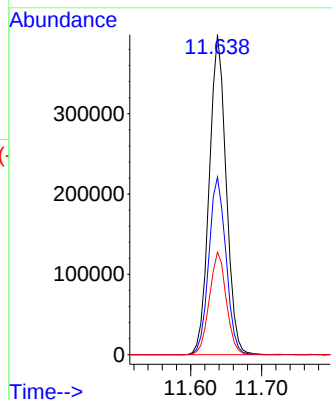
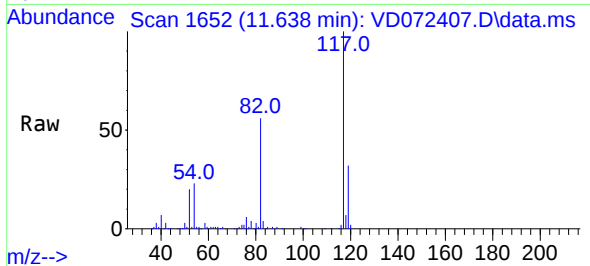




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD072407.D
Acq: 24 Mar 2022 14:57

Instrument :
MSVOA_D
ClientSampleId :
WC-2-(Q3)

Tgt Ion:117 Resp: 658936
Ion Ratio Lower Upper
117 100
82 55.5 45.3 67.9
119 32.1 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072407.D
Acq: 24 Mar 2022 14:57

Tgt Ion:152 Resp: 215566
Ion Ratio Lower Upper
152 100
115 60.4 31.3 93.8
150 160.0 0.0 348.6

