

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012523\
 Data File : VD075197.D
 Acq On : 25 Jan 2023 11:45
 Operator : KP/SY
 Sample : 01256-01RE
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-012023RE

Quant Time: Jan 25 15:55:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	3727	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	6917	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	6817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	2640	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	2633	69.233	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.460%	
35) Dibromofluoromethane	7.810	113	2323	55.578	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.160%	
50) Toluene-d8	10.269	98	8377	50.902	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.800%	
62) 4-Bromofluorobenzene	12.575	95	2702	51.733	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.460%	

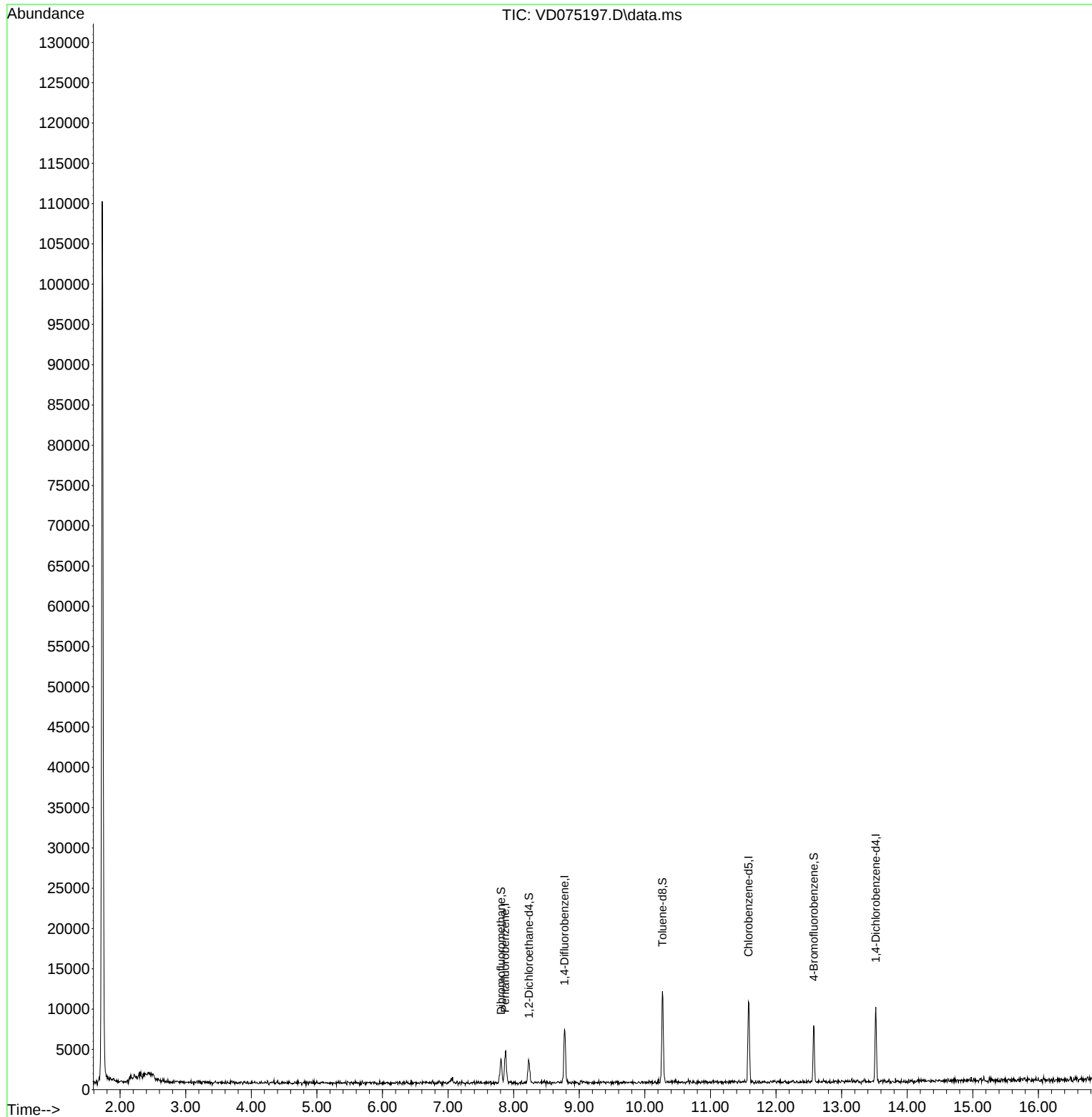
Target Compounds	Qvalue

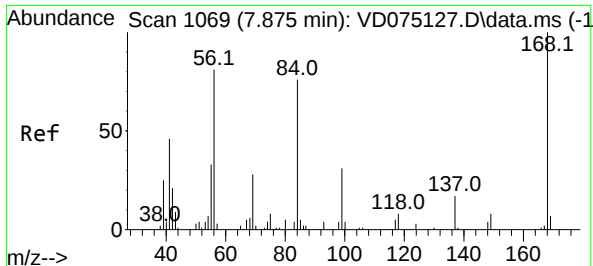
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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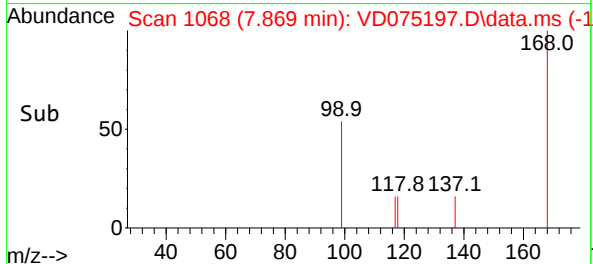
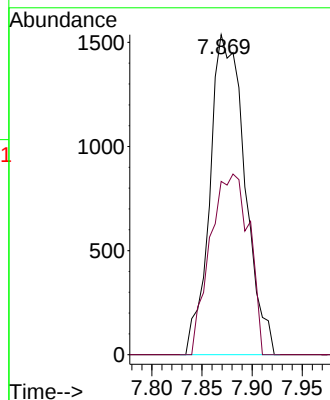
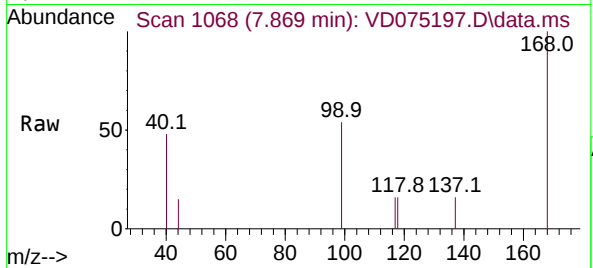




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 110
Delta R.T. -0.006 min
Lab File: VD075197.D
Acq: 25 Jan 2023 11:45

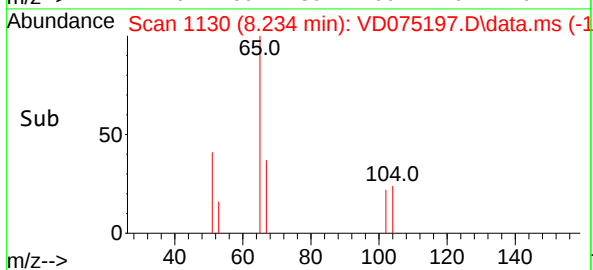
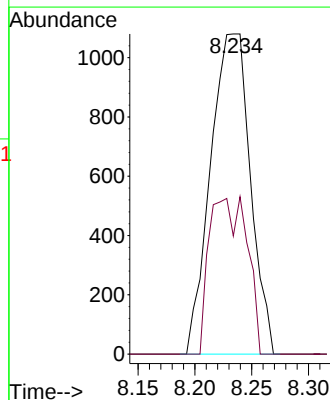
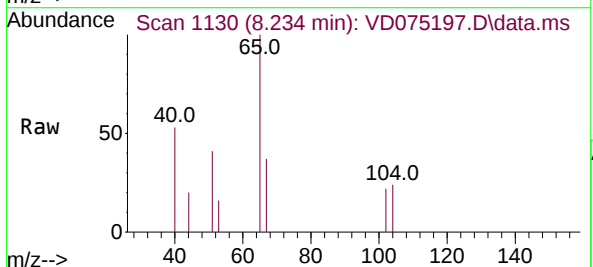
Instrument :
MSVOA_D
ClientSampleId :
OR-02-012023RE

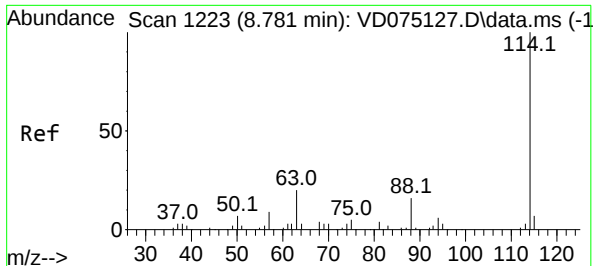
Tgt Ion:168 Resp: 3727
Ion Ratio Lower Upper
168 100
99 54.1 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 69.233 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD075197.D
Acq: 25 Jan 2023 11:45

Tgt Ion: 65 Resp: 2633
Ion Ratio Lower Upper
65 100
67 46.4 0.0 105.2

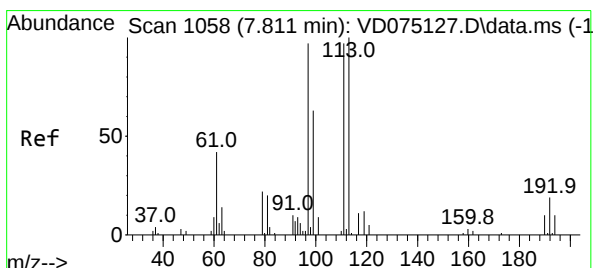
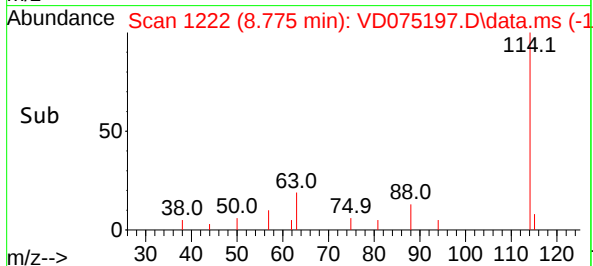
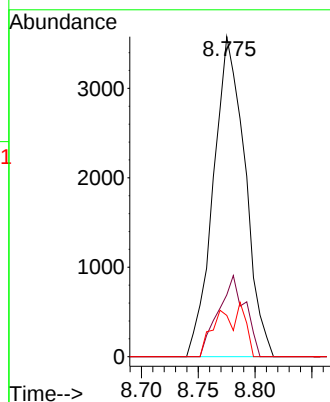
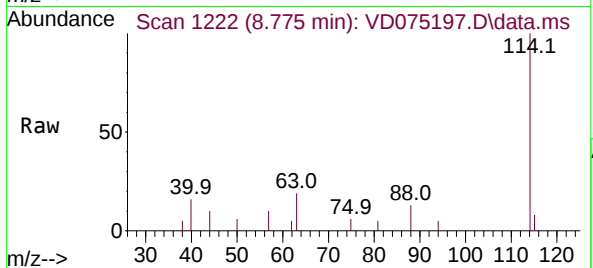




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075197.D
Acq: 25 Jan 2023 11:45

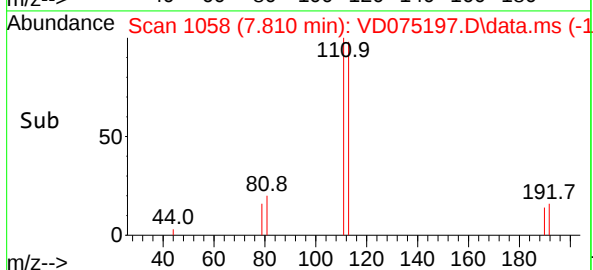
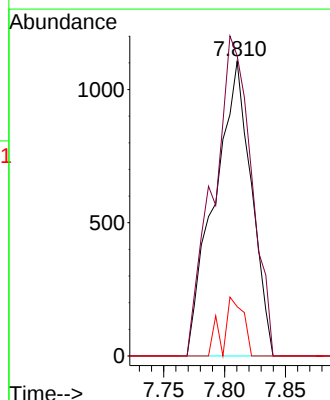
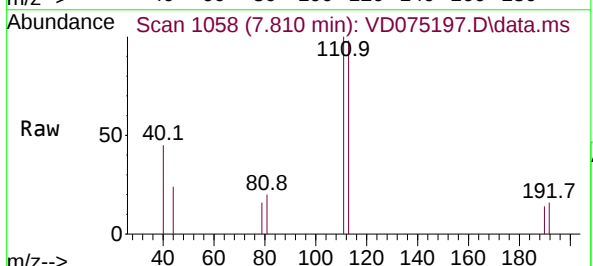
Instrument :
MSVOA_D
ClientSampleId :
OR-02-012023RE

Tgt Ion:114	Resp:	6917
Ion	Ratio	Lower Upper
114	100	
63	19.3	0.0 40.2
88	12.9	0.0 32.2



#35
Dibromofluoromethane
Concen: 55.578 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VD075197.D
Acq: 25 Jan 2023 11:45

Tgt Ion:113	Resp:	2323
Ion	Ratio	Lower Upper
113	100	
111	112.9	80.1 120.1
192	10.9	15.4 23.0#

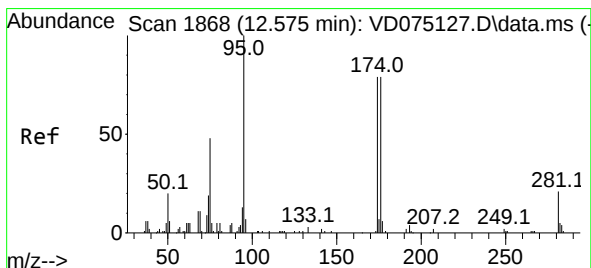
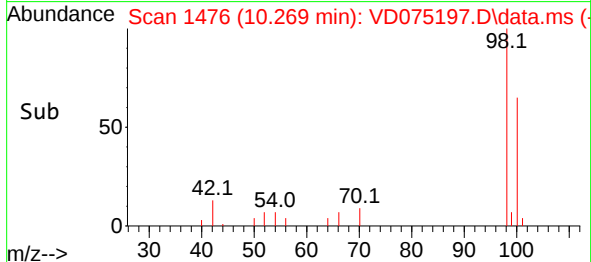
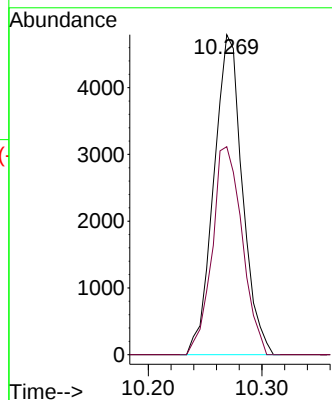
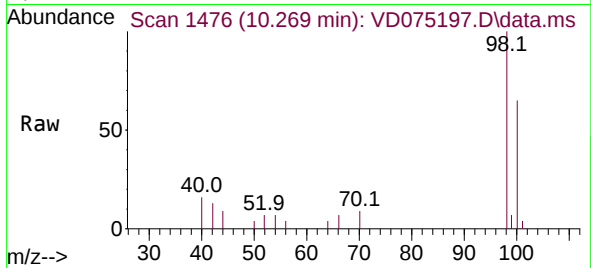




#50
Toluene-d8
Concen: 50.902 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075197.D
Acq: 25 Jan 2023 11:45

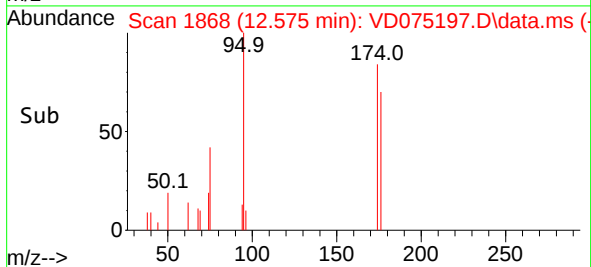
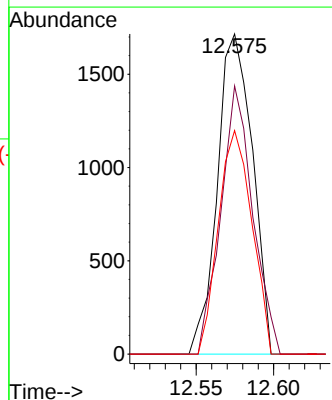
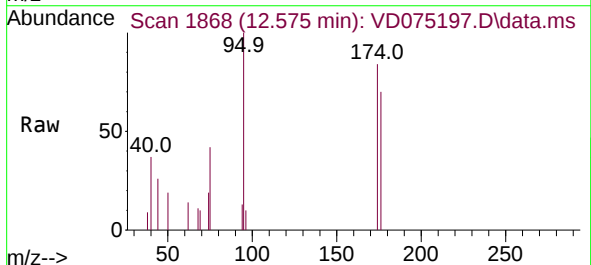
Instrument :
MSVOA_D
ClientSampleId :
OR-02-012023RE

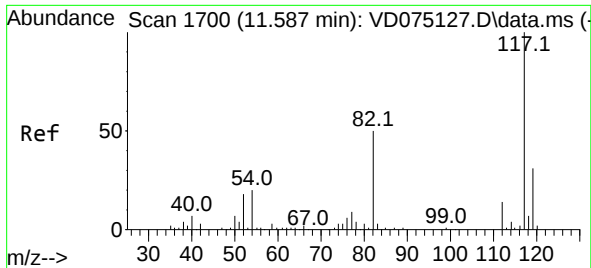
Tgt Ion: 98 Resp: 8377
Ion Ratio Lower Upper
98 100
100 68.2 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 51.733 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075197.D
Acq: 25 Jan 2023 11:45

Tgt Ion: 95 Resp: 2702
Ion Ratio Lower Upper
95 100
174 76.3 0.0 161.2
176 66.7 0.0 160.2

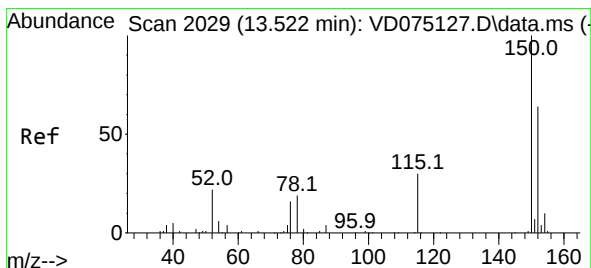
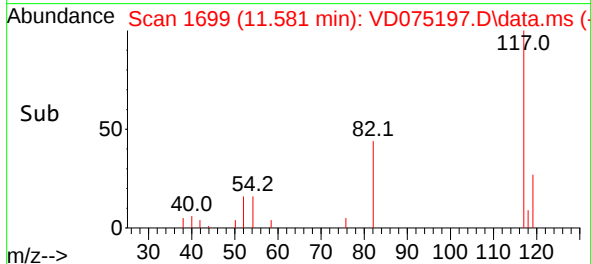
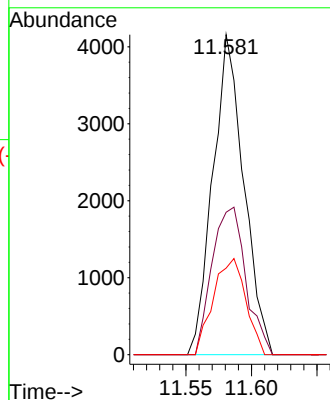
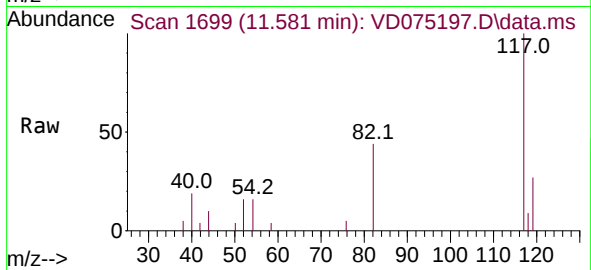




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075197.D
Acq: 25 Jan 2023 11:45

Instrument :
MSVOA_D
ClientSampleId :
OR-02-012023RE

Tgt Ion:117 Resp: 6817
Ion Ratio Lower Upper
117 100
82 44.5 39.6 59.4
119 27.0 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075197.D
Acq: 25 Jan 2023 11:45

Tgt Ion:152 Resp: 2640
Ion Ratio Lower Upper
152 100
115 55.5 28.8 86.4
150 160.5 0.0 348.6

