

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032124\
 Data File : VD078729.D
 Acq On : 21 Mar 2024 17:35
 Operator : RP/MD
 Sample : P1831-01
 Misc : 5.03G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-032124

Quant Time: Mar 22 06:57:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	30938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	58246	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	62100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	31242	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	20783	71.680	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	143.360%
35) Dibromofluoromethane	7.810	113	22952	61.203	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	122.400%
50) Toluene-d8	10.269	98	73918	53.595	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.180%
62) 4-Bromofluorobenzene	12.569	95	22622	56.066	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	112.140%

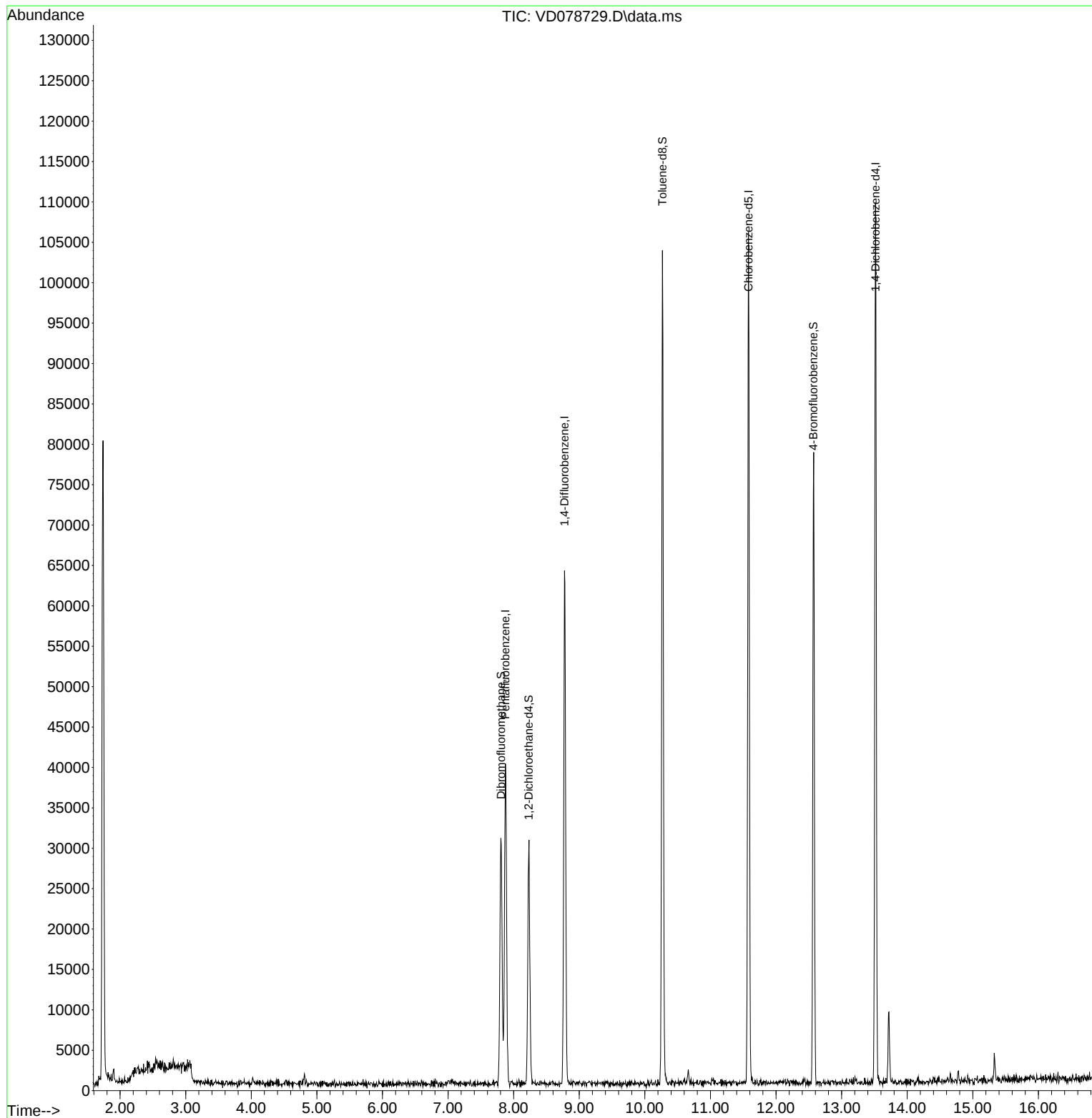
Target Compounds	Qvalue

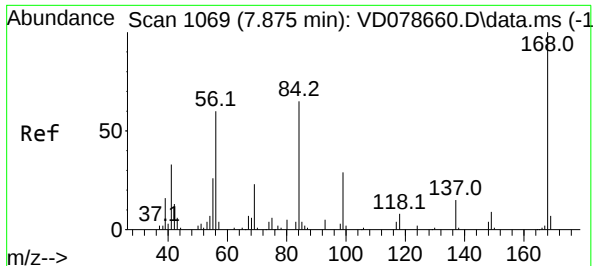
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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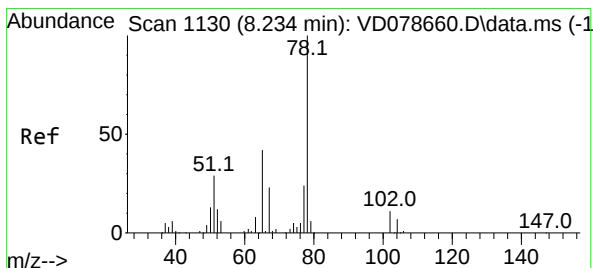
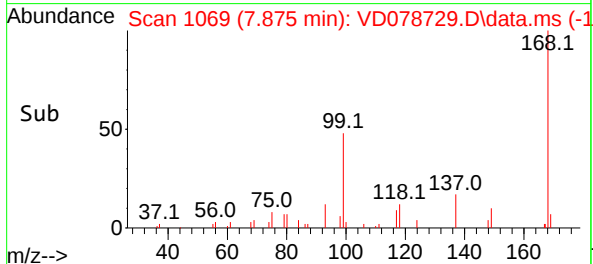
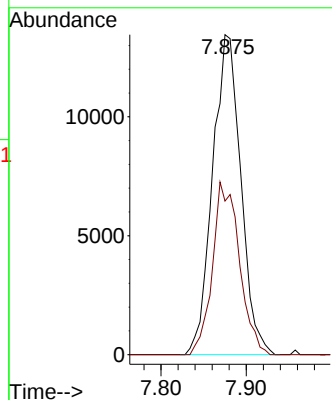
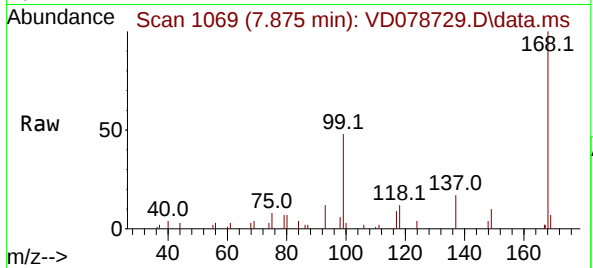




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD078729.D
Acq: 21 Mar 2024 17:35

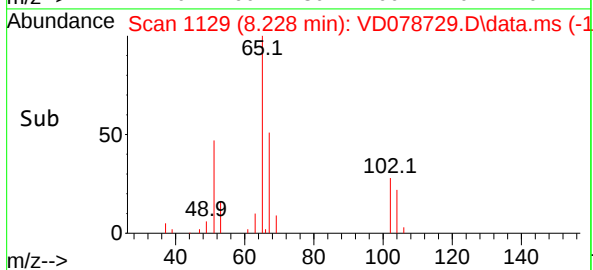
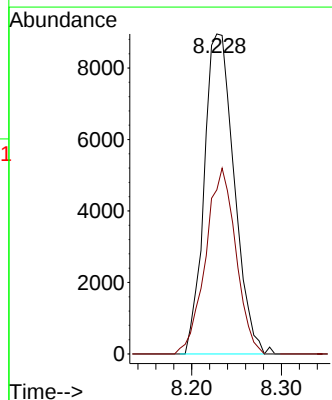
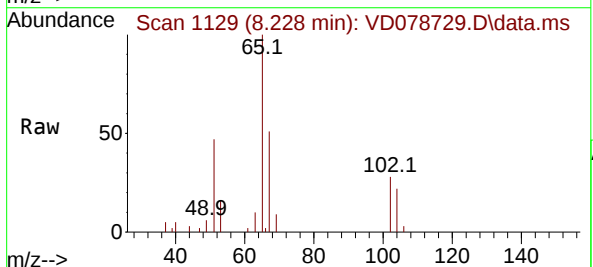
Instrument :
MSVOA_D
ClientSampleId :
CL-01-032124

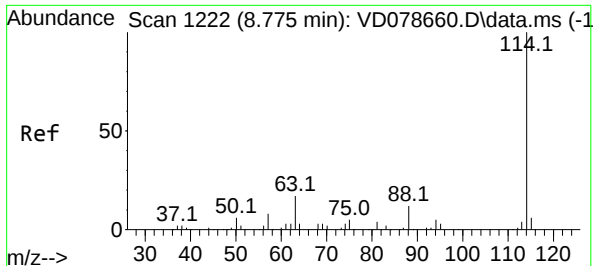
Tgt Ion:168 Resp: 30938
Ion Ratio Lower Upper
168 100
99 48.0 38.8 58.2



#33
1,2-Dichloroethane-d4
Concen: 71.680 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078729.D
Acq: 21 Mar 2024 17:35

Tgt Ion: 65 Resp: 20783
Ion Ratio Lower Upper
65 100
67 58.3 0.0 110.2

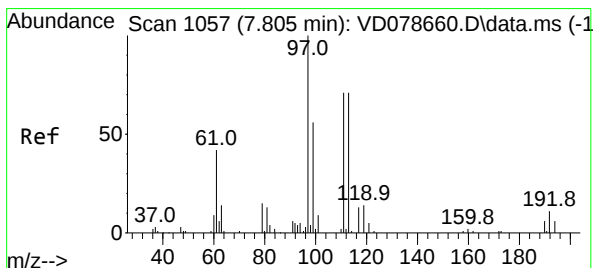
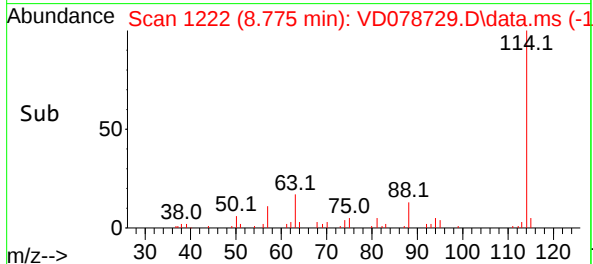
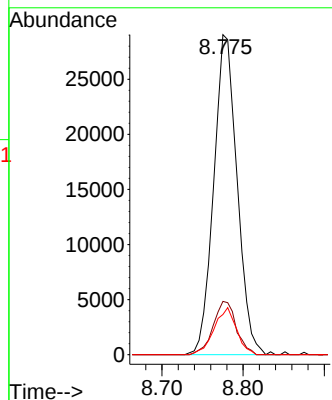
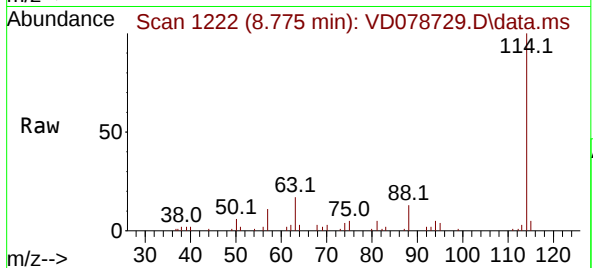




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078729.D
Acq: 21 Mar 2024 17:35

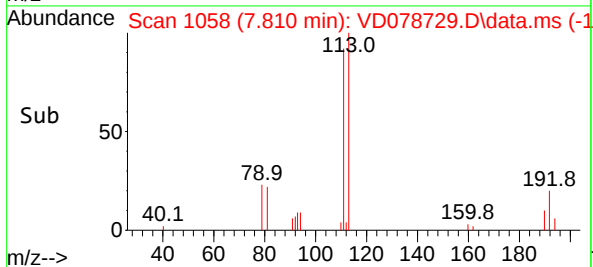
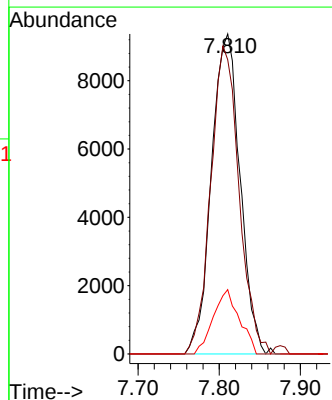
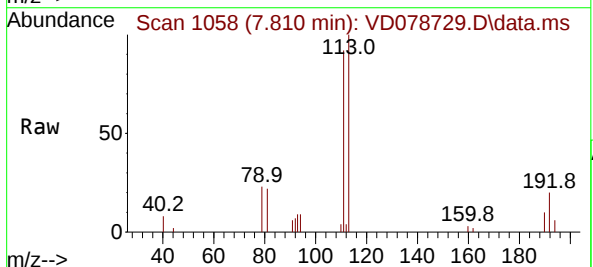
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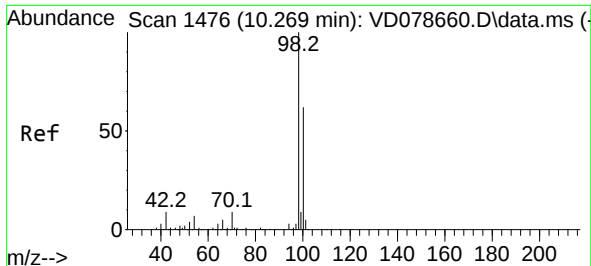
Tgt Ion	Ratio	Lower	Upper
114	100		
63	16.6	0.0	33.4
88	12.5	0.0	24.6



#35
Dibromofluoromethane
Concen: 61.203 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD078729.D
Acq: 21 Mar 2024 17:35

Tgt Ion	Ratio	Lower	Upper
113	100		
111	95.0	81.9	122.9
192	18.3	15.4	23.0

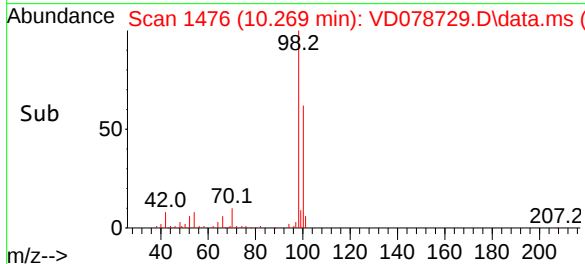
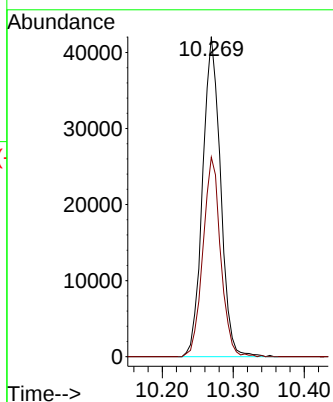
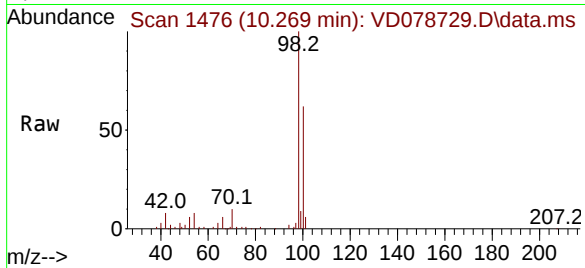




#50
Toluene-d8
Concen: 53.595 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078729.D
Acq: 21 Mar 2024 17:35

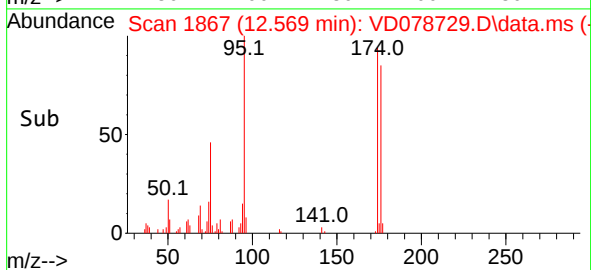
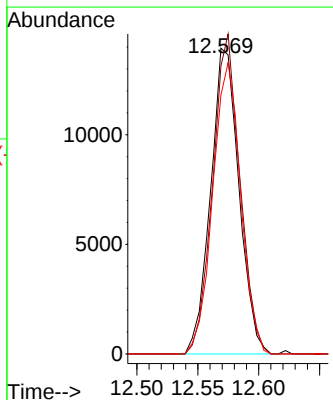
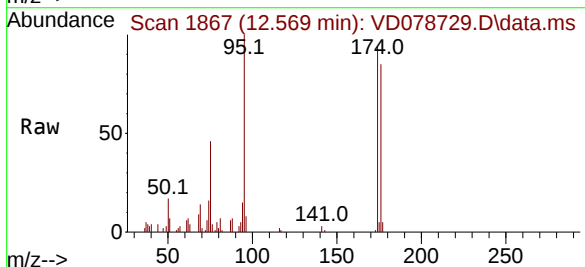
Instrument :
MSVOA_D
ClientSampleId :
CL-01-032124

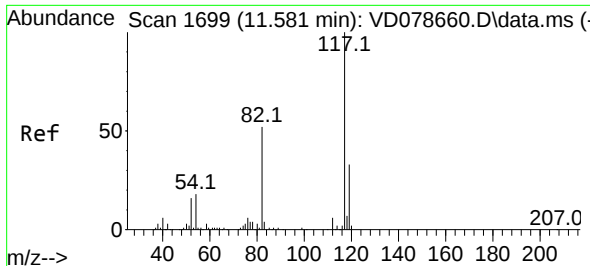
Tgt Ion: 98 Resp: 73918
Ion Ratio Lower Upper
98 100
100 61.5 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 56.066 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD078729.D
Acq: 21 Mar 2024 17:35

Tgt Ion: 95 Resp: 22622
Ion Ratio Lower Upper
95 100
174 100.1 0.0 195.2
176 93.9 0.0 188.2

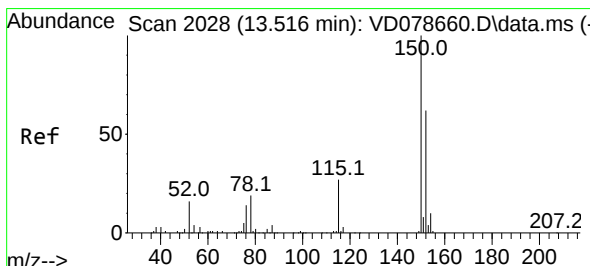
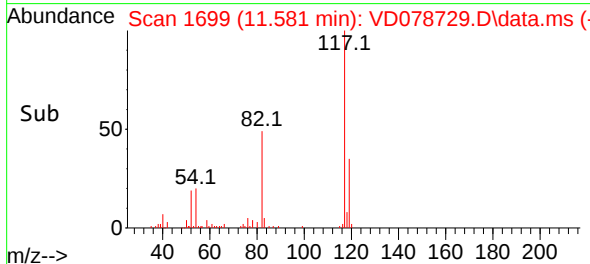
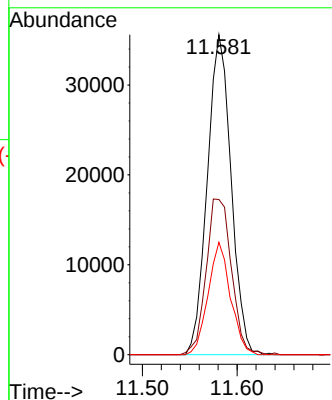
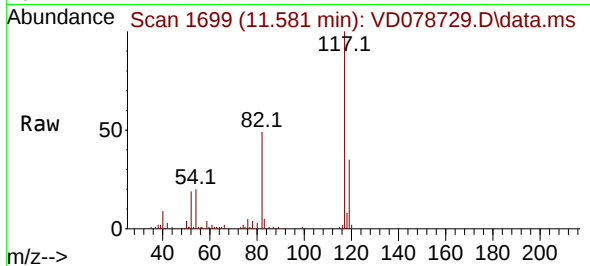




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD078729.D
Acq: 21 Mar 2024 17:35

Instrument :
MSVOA_D
ClientSampleId :
CL-01-032124

Tgt Ion:117 Resp: 62100
Ion Ratio Lower Upper
117 100
82 48.5 41.4 62.2
119 35.1 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD078729.D
Acq: 21 Mar 2024 17:35

Tgt Ion:152 Resp: 31242
Ion Ratio Lower Upper
152 100
115 53.6 27.1 81.2
150 153.3 0.0 350.2

