

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081722\
 Data File : VD074125.D
 Acq On : 17 Aug 2022 15:40
 Operator : VA/SY
 Sample : N4188-13
 Misc : 10.21G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S14

Quant Time: Aug 18 03:20:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 01:41:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	145898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	251864	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	232243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	92957	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	55865	51.683	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.360%
35) Dibromofluoromethane	7.909	113	71591	44.481	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.960%
50) Toluene-d8	10.326	98	160053	32.754	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	65.500%
62) 4-Bromofluorobenzene	12.614	95	73832	36.589	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	73.180%

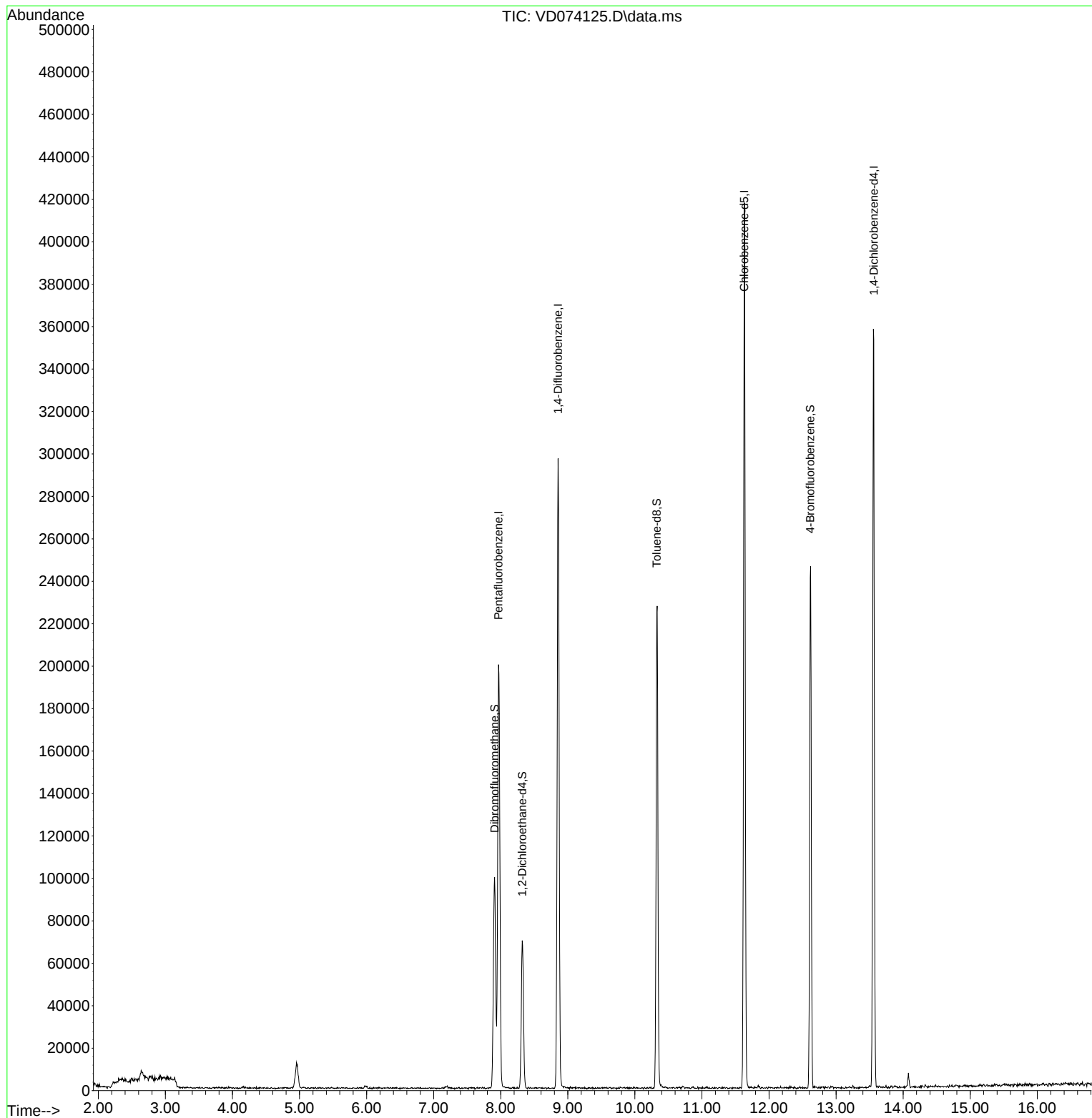
Target Compounds	Qvalue

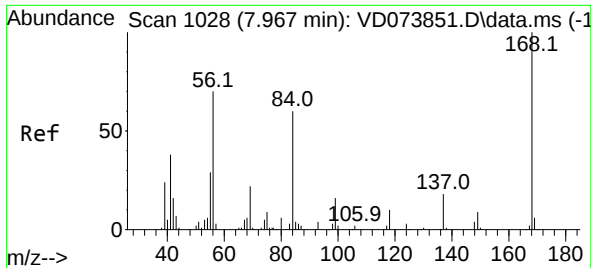
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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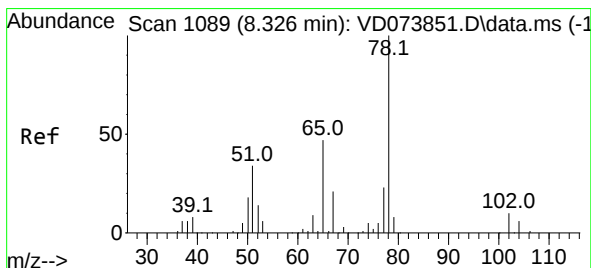
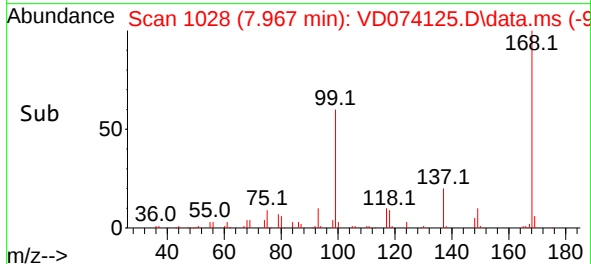
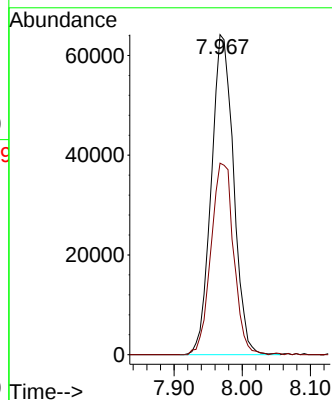
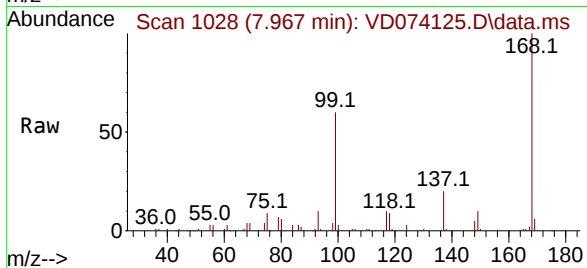




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD074125.D
Acq: 17 Aug 2022 15:40

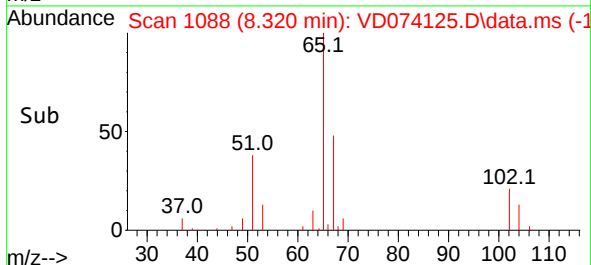
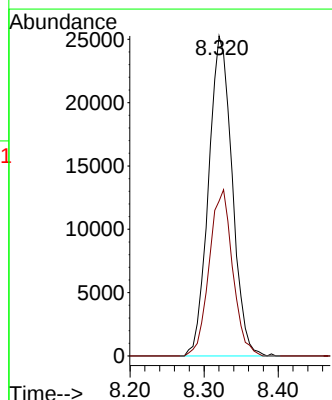
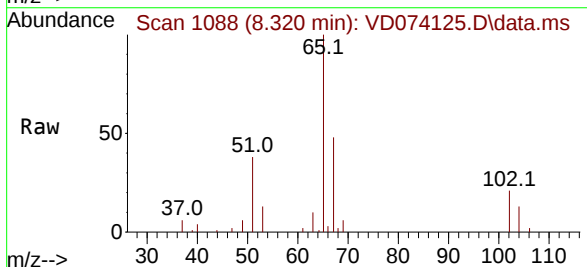
Instrument :
MSVOA_D
ClientSampleId :
S14

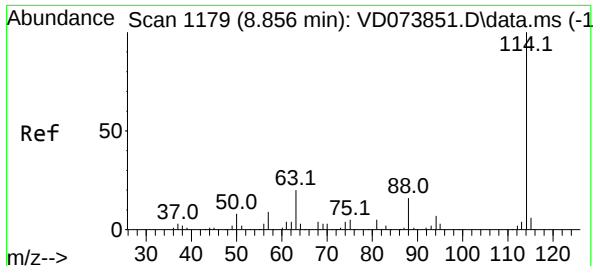
Tgt Ion:168 Resp: 145898
Ion Ratio Lower Upper
168 100
99 59.8 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 51.683 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD074125.D
Acq: 17 Aug 2022 15:40

Tgt Ion: 65 Resp: 55865
Ion Ratio Lower Upper
65 100
67 51.6 0.0 101.4

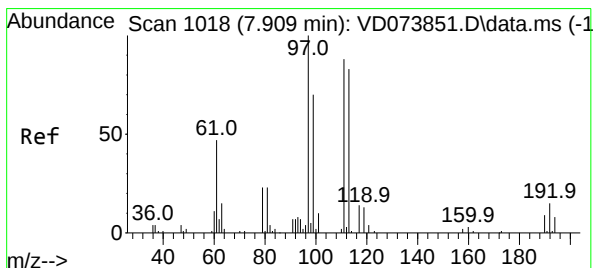
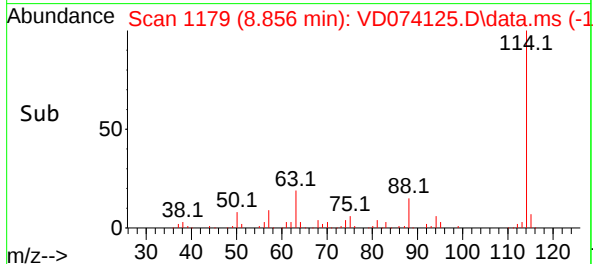
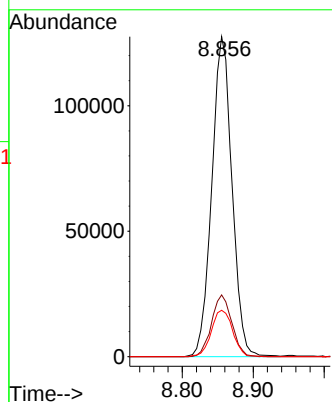
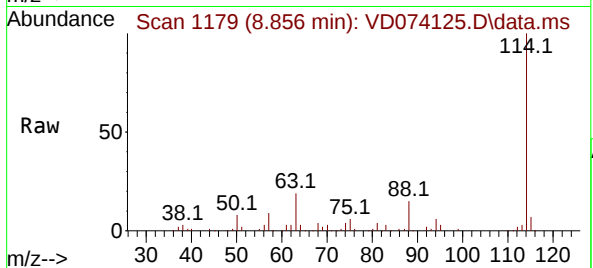




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD074125.D
Acq: 17 Aug 2022 15:40

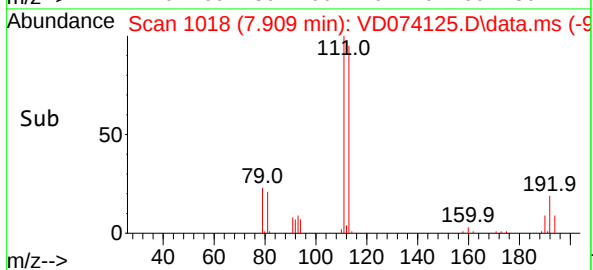
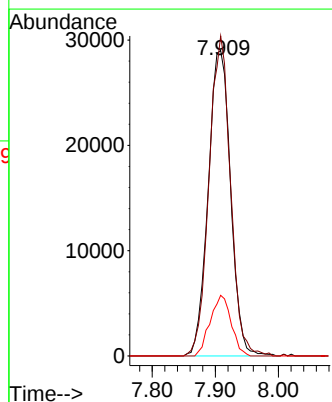
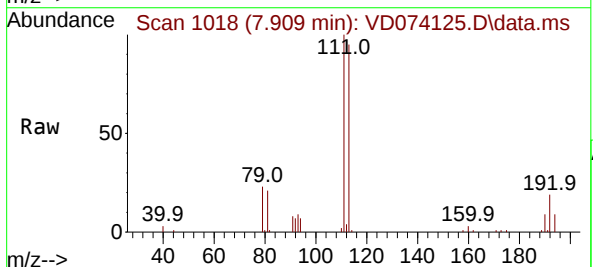
Instrument :
MSVOA_D
ClientSampleId :
S14

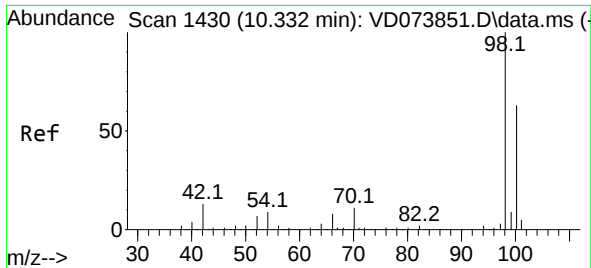
Tgt Ion:114 Resp: 251864
Ion Ratio Lower Upper
114 100
63 19.3 0.0 46.6
88 14.5 0.0 33.2



#35
Dibromofluoromethane
Concen: 44.481 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD074125.D
Acq: 17 Aug 2022 15:40

Tgt Ion:113 Resp: 71591
Ion Ratio Lower Upper
113 100
111 100.2 83.8 125.6
192 18.5 14.6 21.8

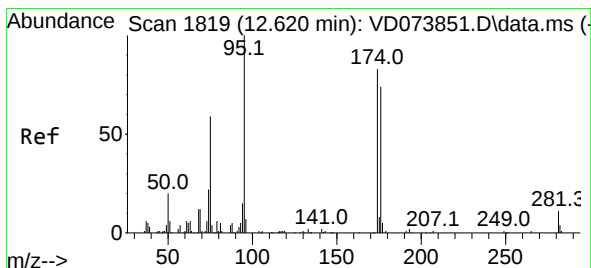
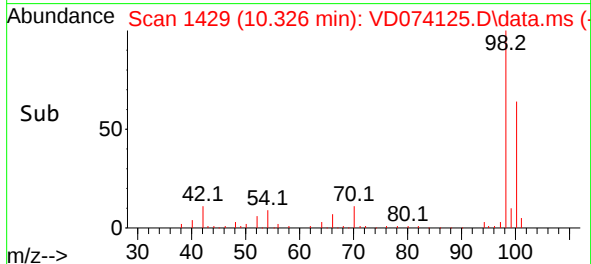
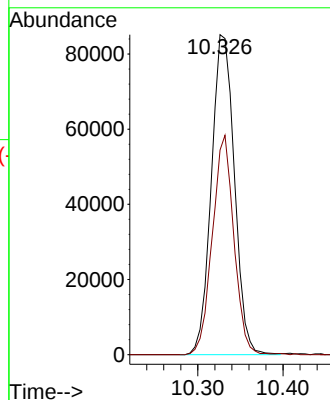
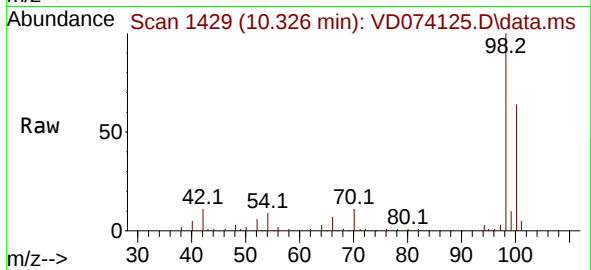




#50
Toluene-d8
Concen: 32.754 ug/l
RT: 10.326 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD074125.D
Acq: 17 Aug 2022 15:40

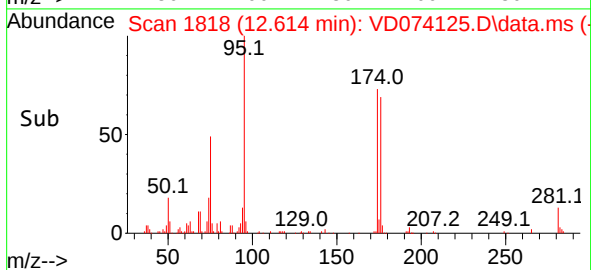
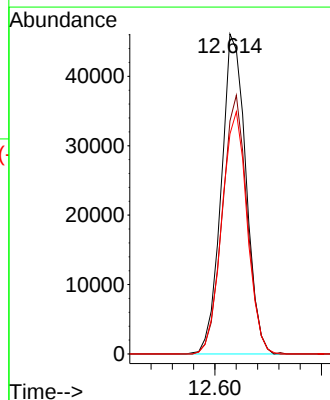
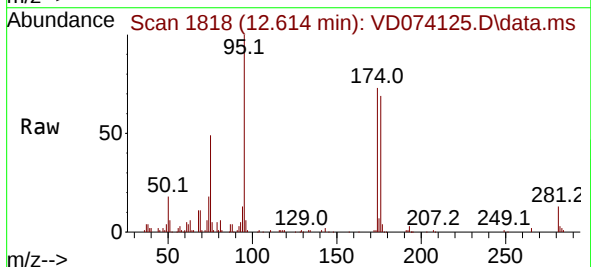
Instrument :
MSVOA_D
ClientSampleId :
S14

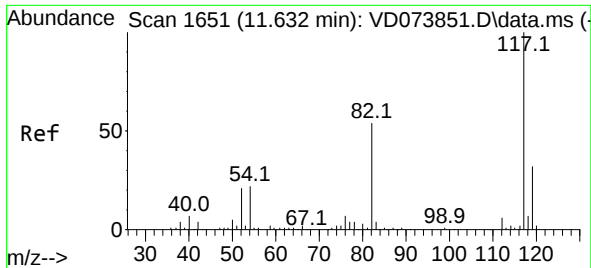
Tgt Ion: 98 Resp: 160053
Ion Ratio Lower Upper
98 100
100 64.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 36.589 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VD074125.D
Acq: 17 Aug 2022 15:40

Tgt Ion: 95 Resp: 73832
Ion Ratio Lower Upper
95 100
174 81.3 0.0 152.8
176 78.0 0.0 145.4

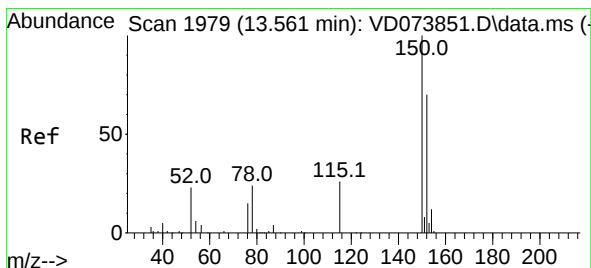
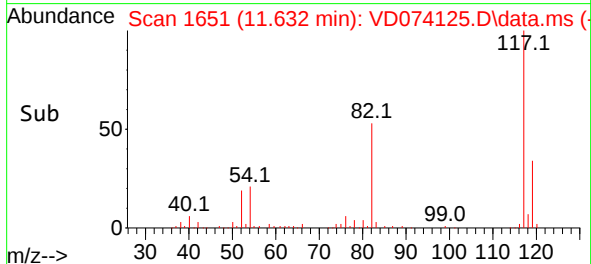
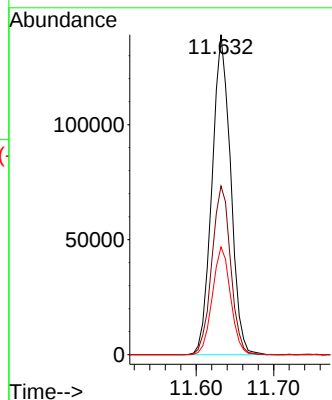
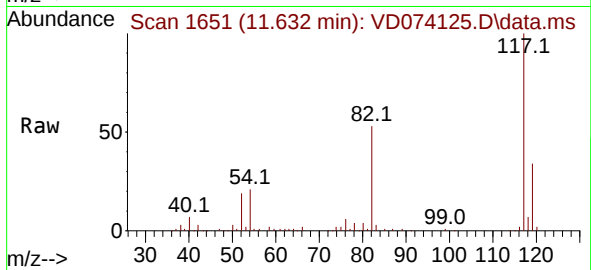




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074125.D
Acq: 17 Aug 2022 15:40

Instrument :
MSVOA_D
ClientSampleId :
S14

Tgt Ion:117 Resp: 232243
Ion Ratio Lower Upper
117 100
82 52.7 45.3 67.9
119 33.7 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: VD074125.D
Acq: 17 Aug 2022 15:40

Tgt Ion:152 Resp: 92957
Ion Ratio Lower Upper
152 100
115 61.6 31.3 93.8
150 159.6 0.0 348.6

