

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041923\
 Data File : VD075745.D
 Acq On : 19 Apr 2023 13:23
 Operator : KP/SY
 Sample : 02370-01RE
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-04-041423RE

Quant Time: Apr 20 06:00:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	3804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	7947	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	10004	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	4286	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	3830	106.073	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	212.140%#
35) Dibromofluoromethane	7.810	113	3470	64.919	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	129.840%
50) Toluene-d8	10.275	98	8789	41.060	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	82.120%
62) 4-Bromofluorobenzene	12.575	95	2961	52.044	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.080%

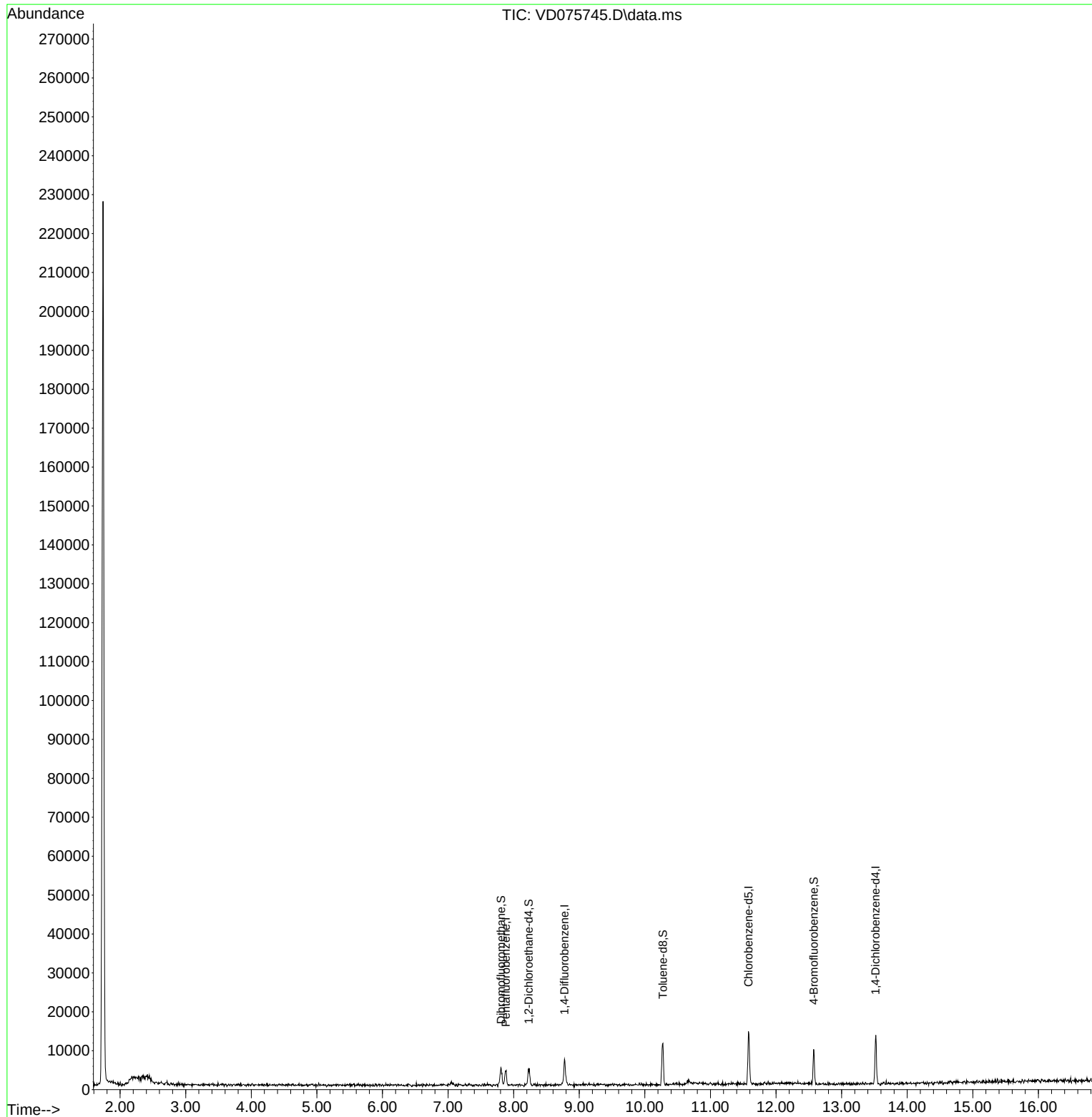
Target Compounds	Qvalue

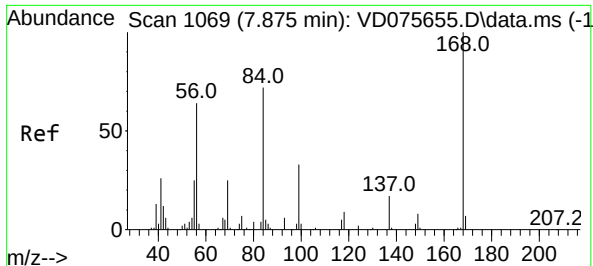
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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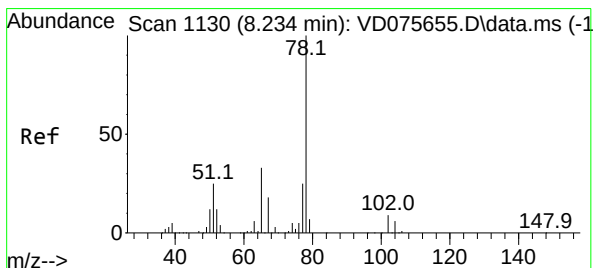
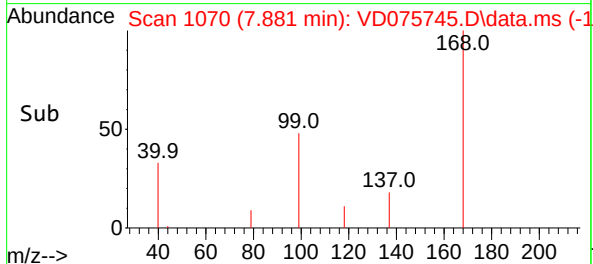
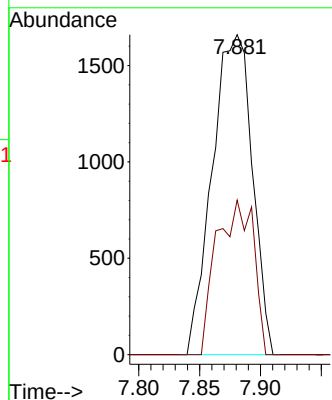
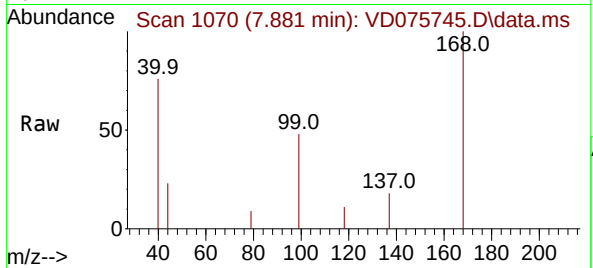




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD075745.D
Acq: 19 Apr 2023 13:23

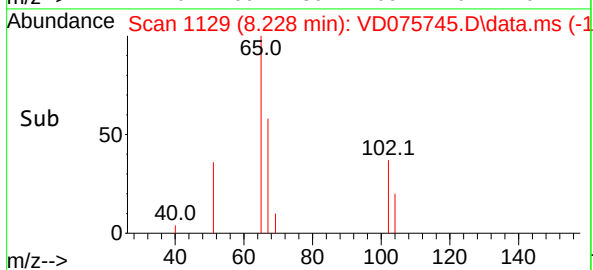
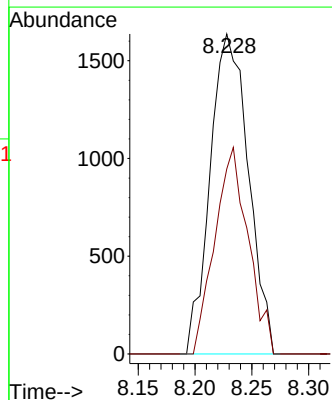
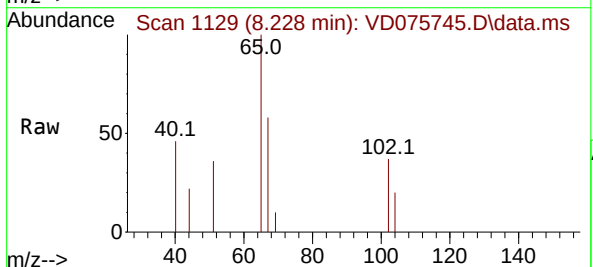
Instrument :
MSVOA_D
ClientSampleId :
HR-04-041423RE

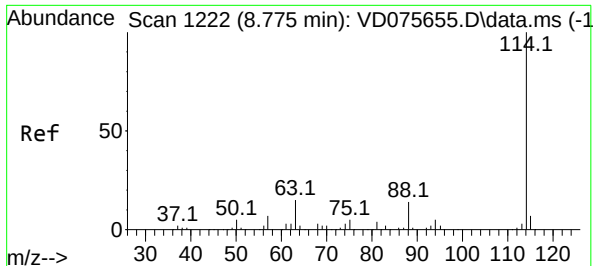
Tgt Ion:168 Resp: 3804
Ion Ratio Lower Upper
168 100
99 48.3 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 106.073 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075745.D
Acq: 19 Apr 2023 13:23

Tgt Ion: 65 Resp: 3830
Ion Ratio Lower Upper
65 100
67 56.4 0.0 102.2

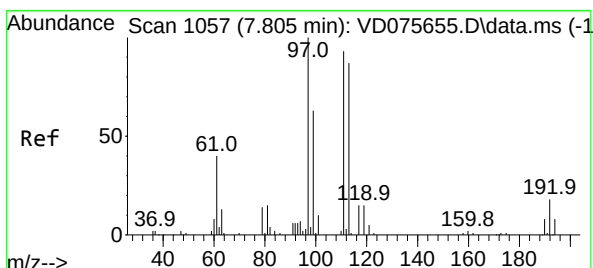
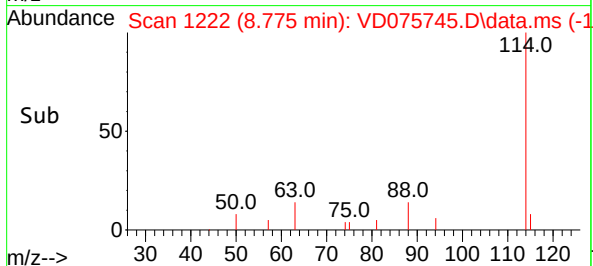
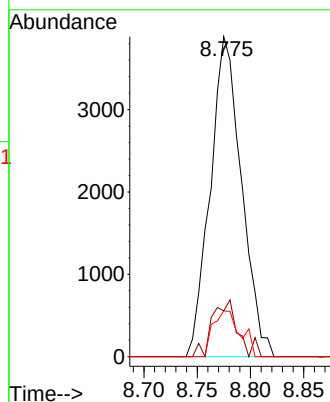
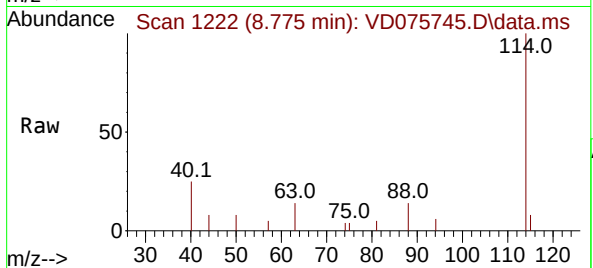




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075745.D
Acq: 19 Apr 2023 13:23

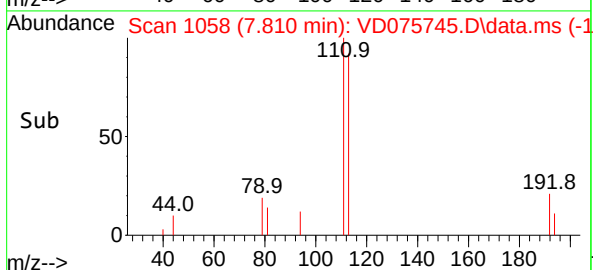
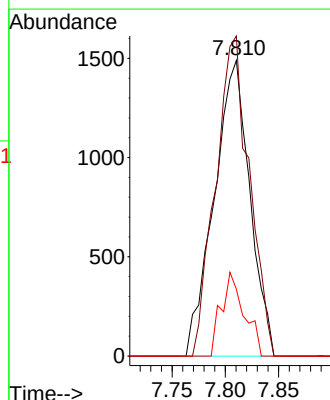
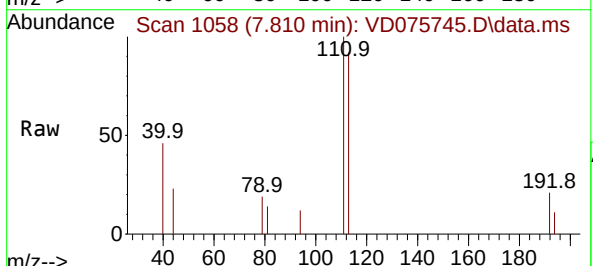
Instrument :
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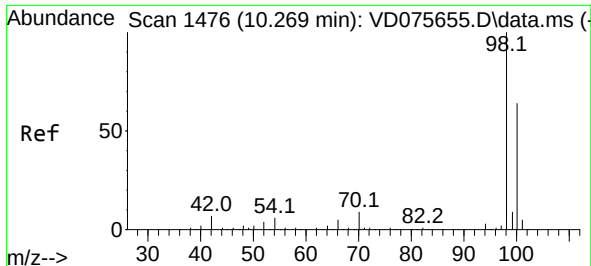
Tgt Ion:114	Resp:	7947
Ion	Ratio	Lower Upper
114	100	
63	14.3	0.0 41.6
88	14.3	0.0 30.6



#35
Dibromofluoromethane
Concen: 64.919 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.005 min
Lab File: VD075745.D
Acq: 19 Apr 2023 13:23

Tgt Ion:113	Resp:	3470
Ion	Ratio	Lower Upper
113	100	
111	102.2	81.4 122.0
192	18.2	15.2 22.8

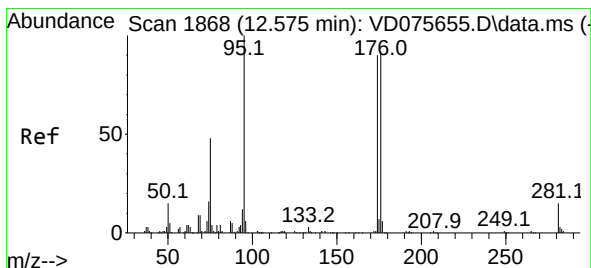
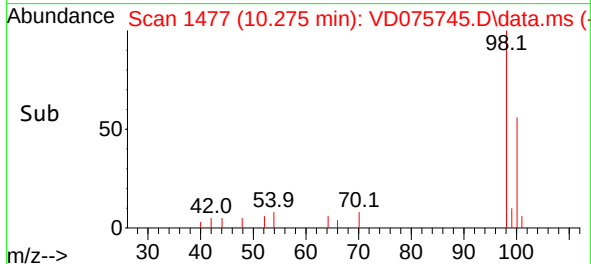
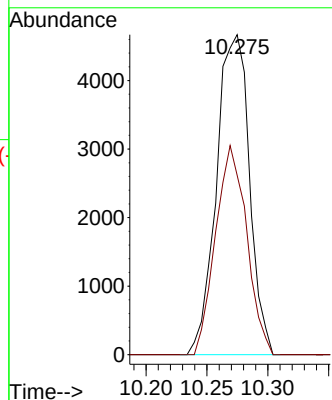
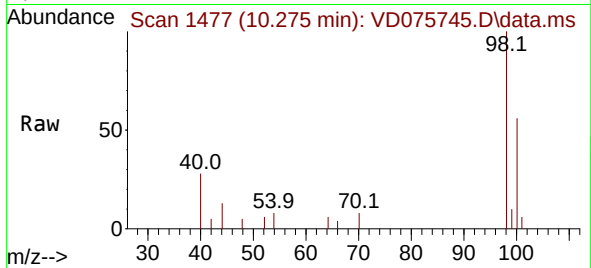




#50
Toluene-d8
Concen: 41.060 ug/l
RT: 10.275 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD075745.D
Acq: 19 Apr 2023 13:23

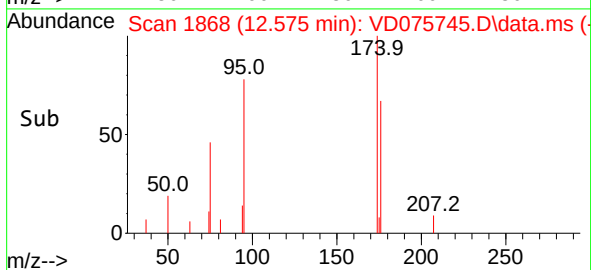
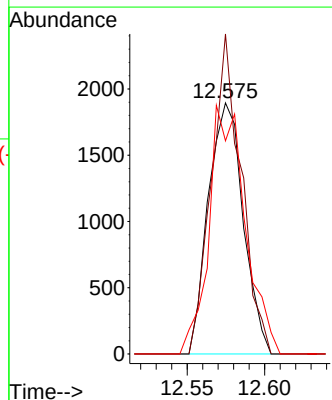
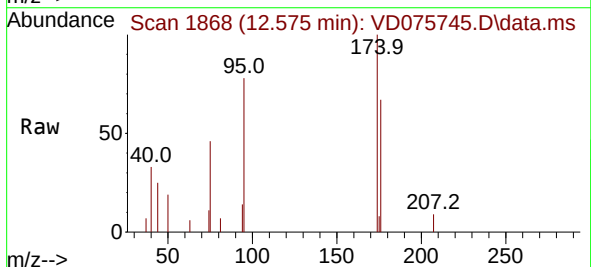
Instrument :
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HR-04-041423RE

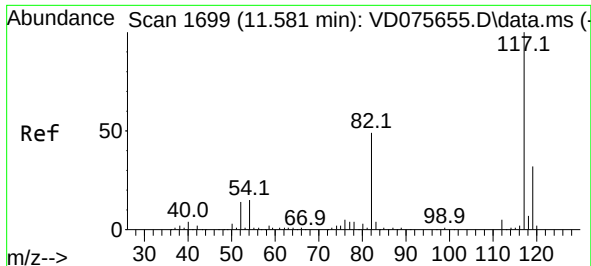
Tgt Ion: 98 Resp: 8789
Ion Ratio Lower Upper
98 100
100 61.8 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 52.044 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075745.D
Acq: 19 Apr 2023 13:23

Tgt Ion: 95 Resp: 2961
Ion Ratio Lower Upper
95 100
174 108.2 0.0 164.0
176 102.8 0.0 156.8

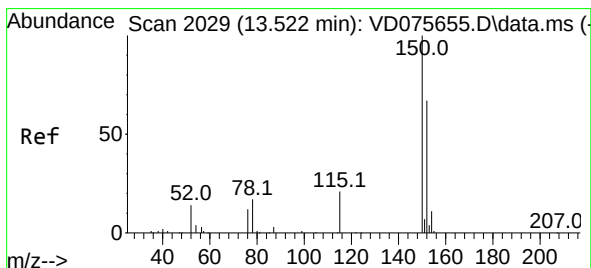
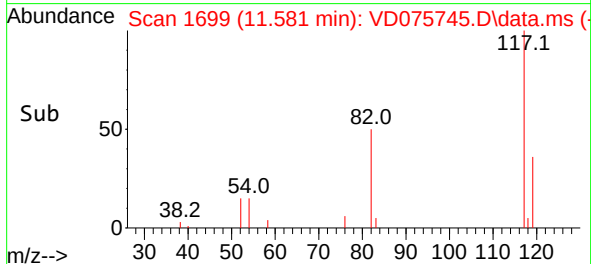
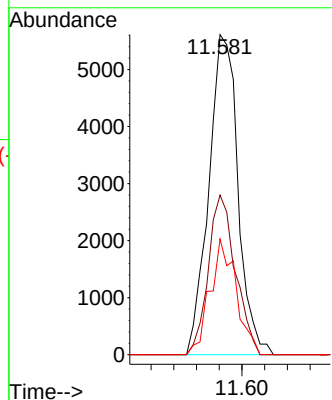
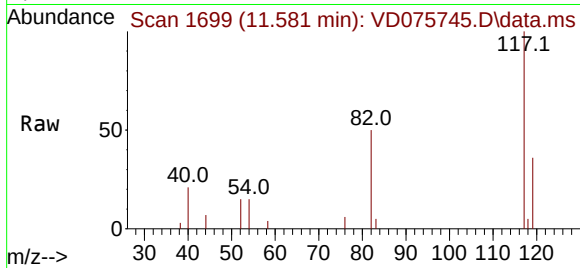




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075745.D
Acq: 19 Apr 2023 13:23

Instrument :
MSVOA_D
ClientSampleId :
HR-04-041423RE

Tgt Ion:	117	Resp:	10004
Ion	Ratio	Lower	Upper
117	100		
82	49.9	44.0	66.0
119	36.1	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD075745.D
Acq: 19 Apr 2023 13:23

Tgt Ion:	152	Resp:	4286
Ion	Ratio	Lower	Upper
152	100		
115	50.1	30.1	90.3
150	159.5	0.0	364.8

