

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111022\
 Data File : VD074868.D
 Acq On : 10 Nov 2022 15:25
 Operator : VA/SY
 Sample : N5436-11RE
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 250FERRYBLVD-TFS-11RE

Quant Time: Nov 10 16:59:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	173017	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	264581	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	217283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	79518	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	60134	43.883	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.760%
35) Dibromofluoromethane	7.810	113	80244	51.271	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.540%
50) Toluene-d8	10.269	98	210718	36.910	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	73.820%
62) 4-Bromofluorobenzene	12.575	95	61001	37.007	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	74.020%

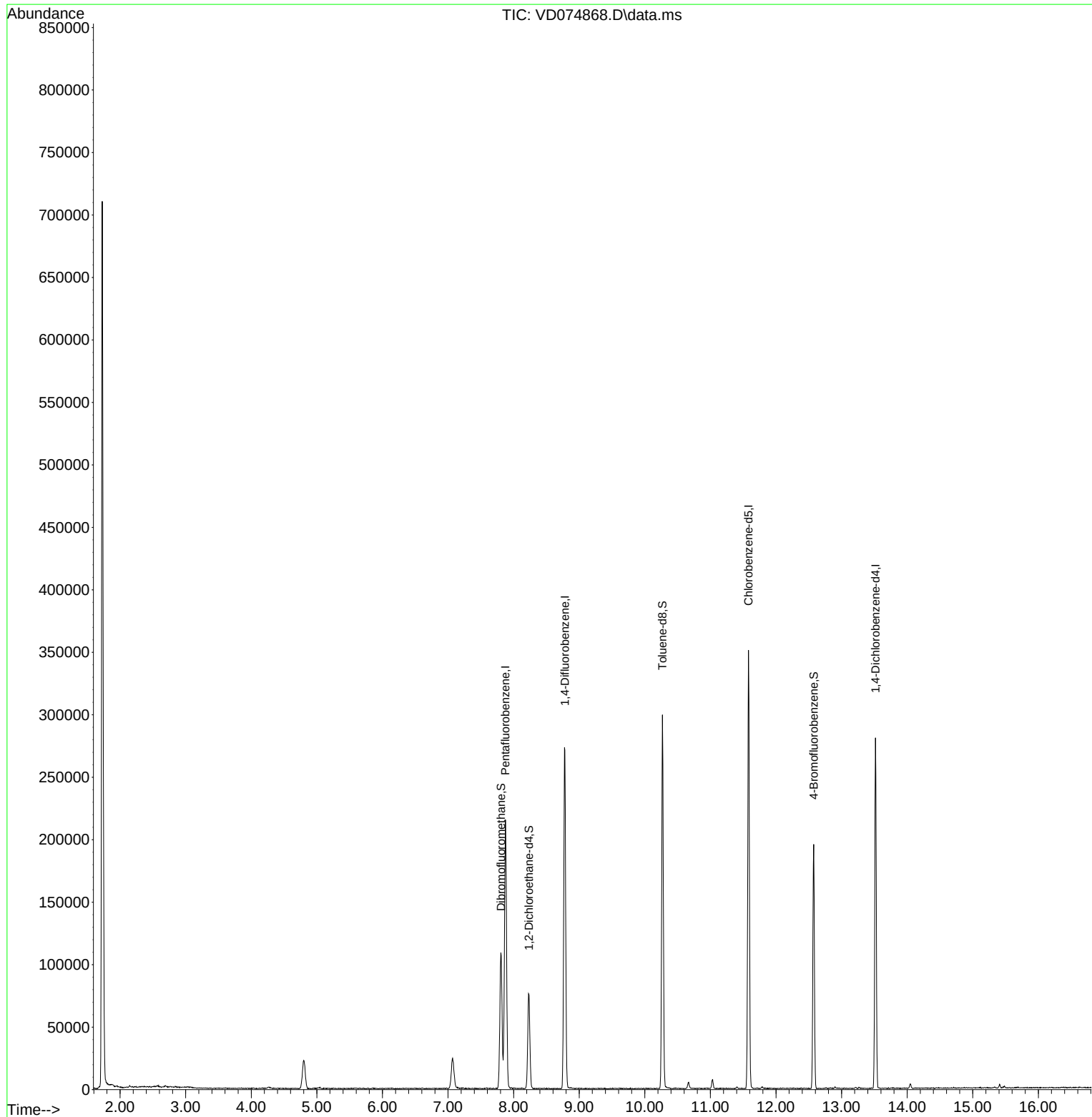
Target Compounds	Qvalue

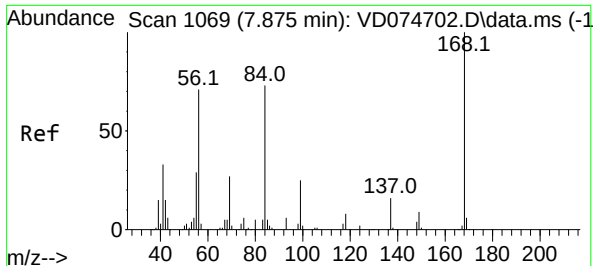
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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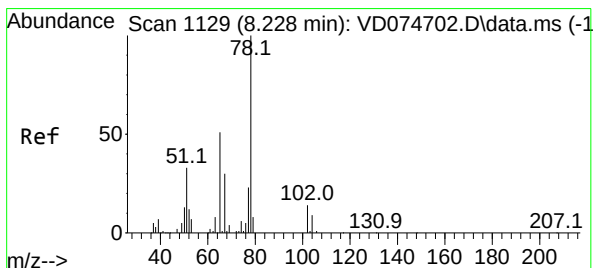
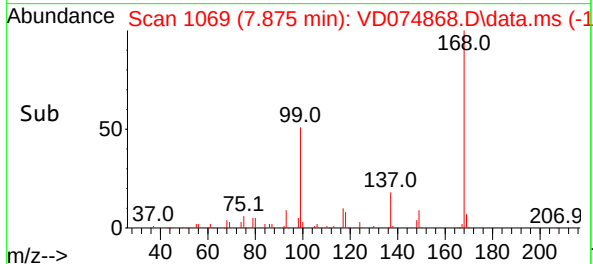
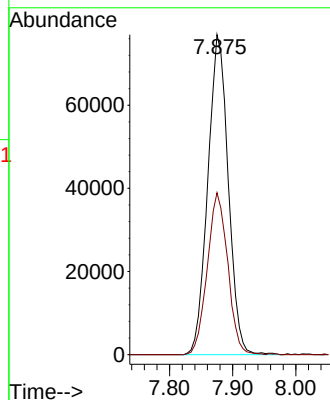
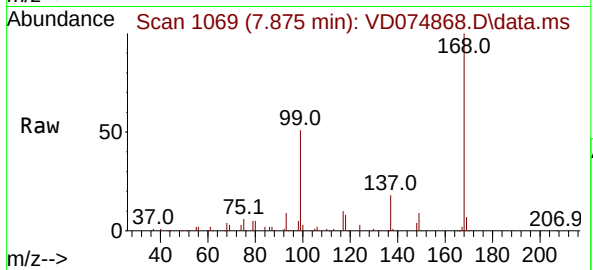




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD074868.D
Acq: 10 Nov 2022 15:25

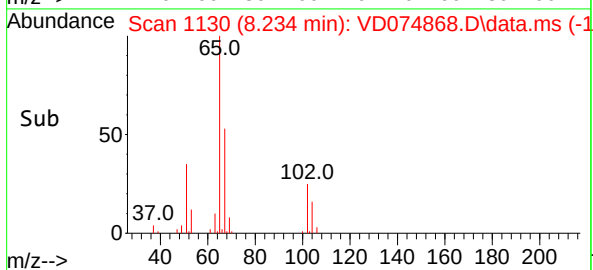
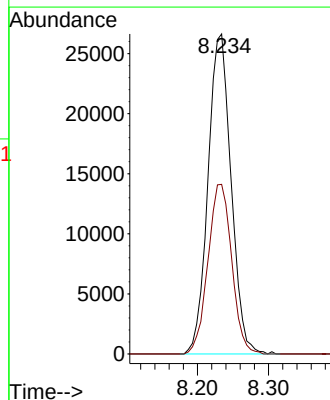
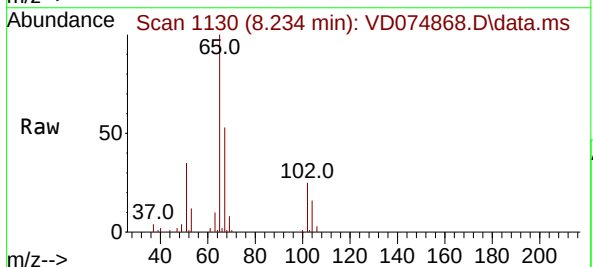
Instrument :
MSVOA_D
ClientSampleId :
250FERRYBLVD-TFS-11RE

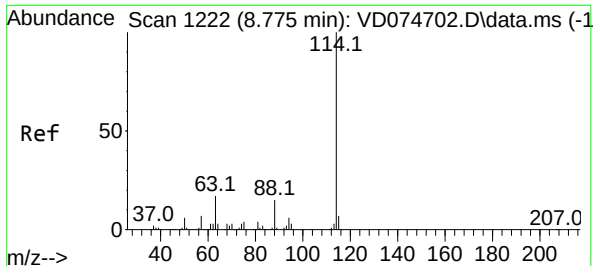
Tgt Ion:168 Resp: 173017
Ion Ratio Lower Upper
168 100
99 50.6 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 43.883 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074868.D
Acq: 10 Nov 2022 15:25

Tgt Ion: 65 Resp: 60134
Ion Ratio Lower Upper
65 100
67 54.5 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074868.D

Acq: 10 Nov 2022 15:25

Instrument :

MSVOA_D

ClientSampleId :

250FERRYBLVD-TFS-11RE

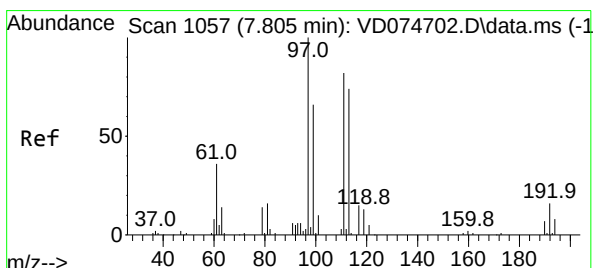
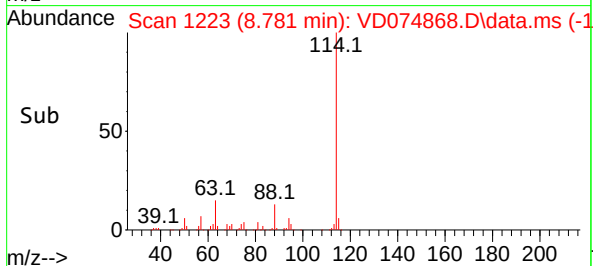
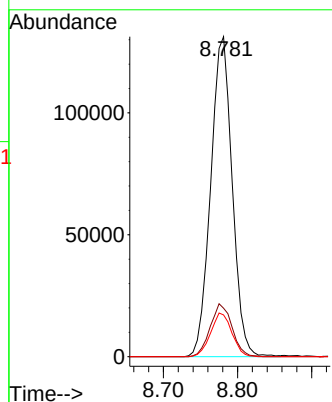
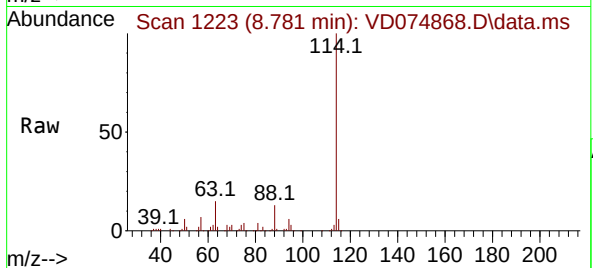
Tgt Ion:114 Resp: 264581

Ion Ratio Lower Upper

114 100

63 15.2 0.0 33.2

88 13.1 0.0 28.2



#35

Dibromofluoromethane

Concen: 51.271 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD074868.D

Acq: 10 Nov 2022 15:25

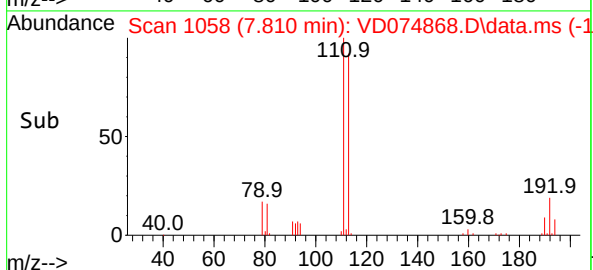
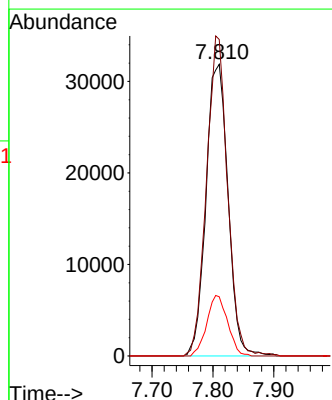
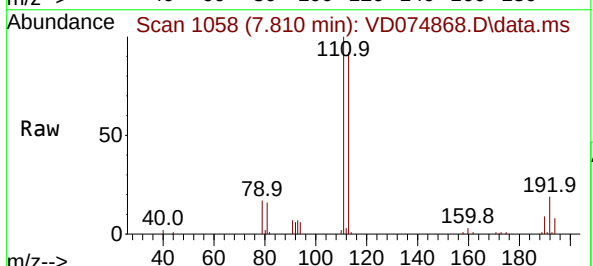
Tgt Ion:113 Resp: 80244

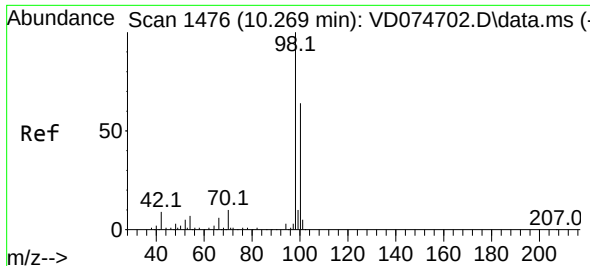
Ion Ratio Lower Upper

113 100

111 104.5 82.3 123.5

192 19.6 16.4 24.6

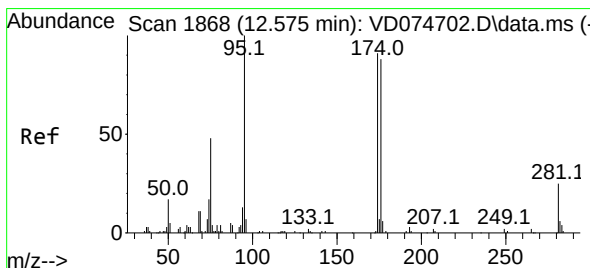
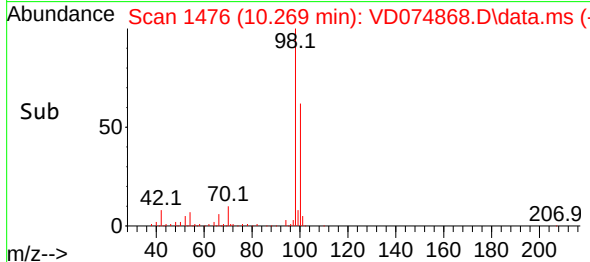
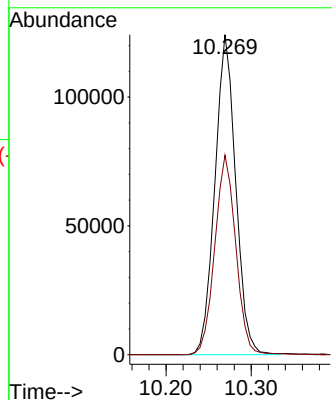
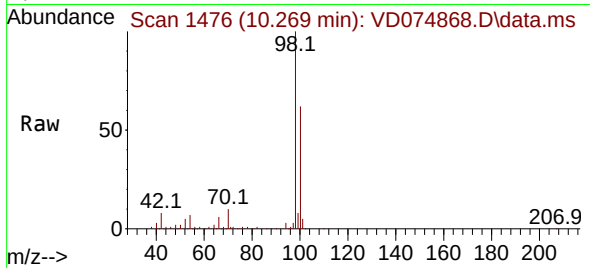




#50
Toluene-d8
Concen: 36.910 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074868.D
Acq: 10 Nov 2022 15:25

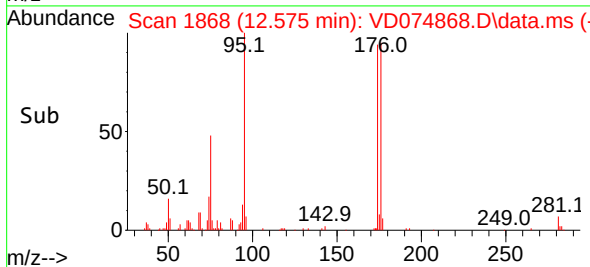
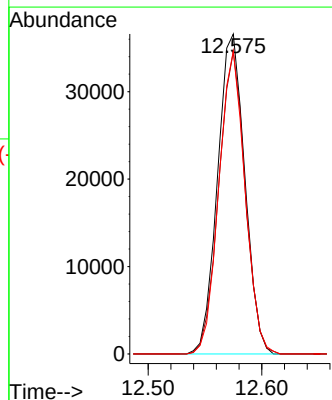
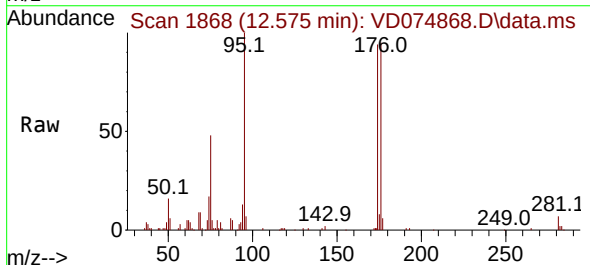
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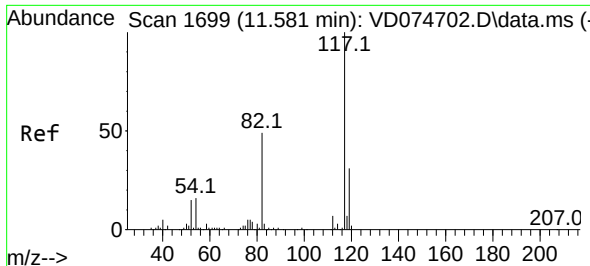
Tgt Ion: 98 Resp: 210718
Ion Ratio Lower Upper
98 100
100 63.1 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 37.007 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074868.D
Acq: 10 Nov 2022 15:25

Tgt Ion: 95 Resp: 61001
Ion Ratio Lower Upper
95 100
174 91.2 0.0 197.0
176 90.6 0.0 182.6

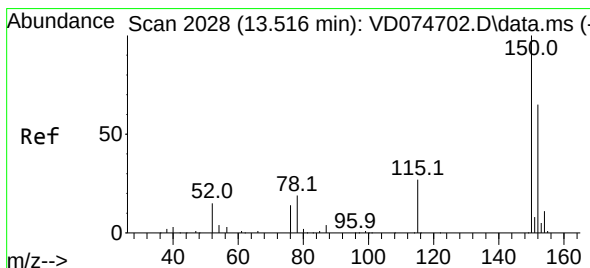
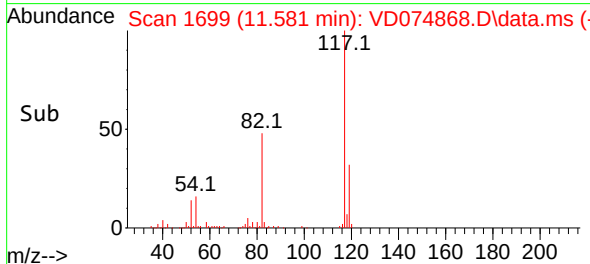
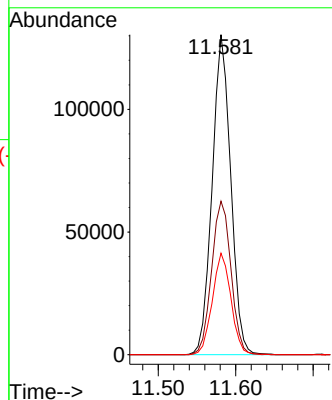
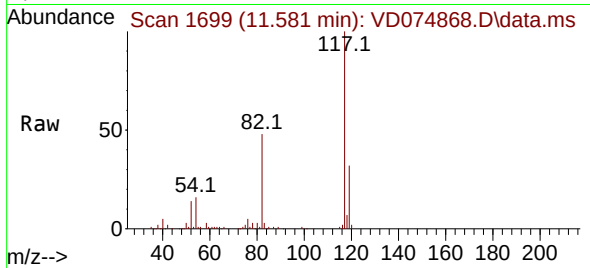




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074868.D
Acq: 10 Nov 2022 15:25

Instrument :
MSVOA_D
ClientSampleId :
250FERRYBLVD-TFS-11RE

Tgt Ion:	117	Resp:	217283
Ion Ratio	Lower	Upper	
117	100		
82	47.9	41.6	62.4
119	31.7	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD074868.D
Acq: 10 Nov 2022 15:25

Tgt Ion:	152	Resp:	79518
Ion Ratio	Lower	Upper	
152	100		
115	53.7	26.8	80.4
150	157.3	0.0	348.2

