

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103122\
 Data File : VD074686.D
 Acq On : 31 Oct 2022 14:18
 Operator : VA/SY
 Sample : N5267-01RE
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP1-1024RE

Quant Time: Oct 31 16:30:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 00:18:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	2201	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.769	114	4447	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	3610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	1579	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	2154	115.951	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 231.900%#	
35) Dibromofluoromethane	7.811	113	1746	64.299	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 128.600%	
50) Toluene-d8	10.269	98	5005	47.928	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.860%	
62) 4-Bromofluorobenzene	12.575	95	1632	56.904	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.800%	

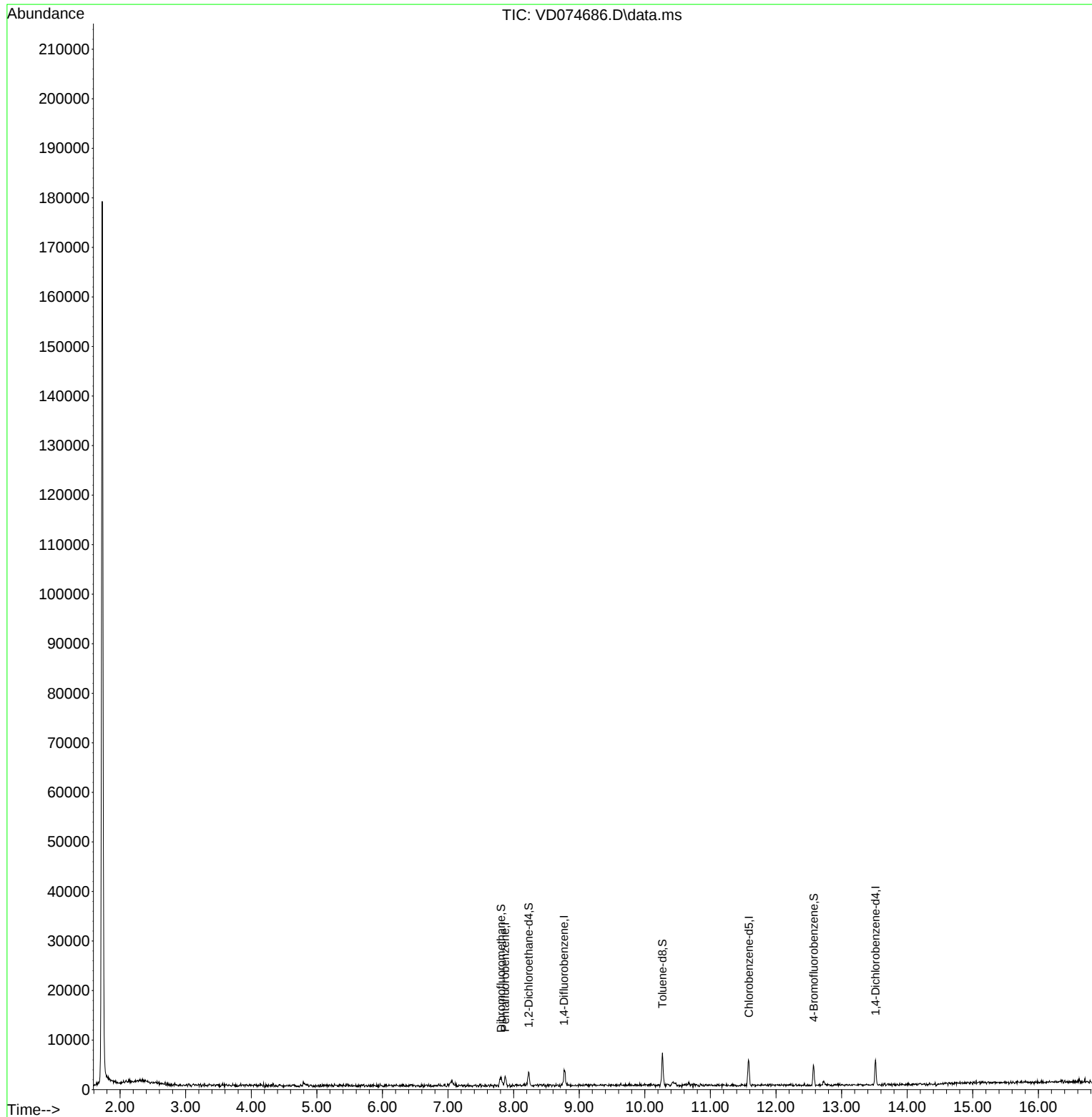
Target Compounds	Qvalue

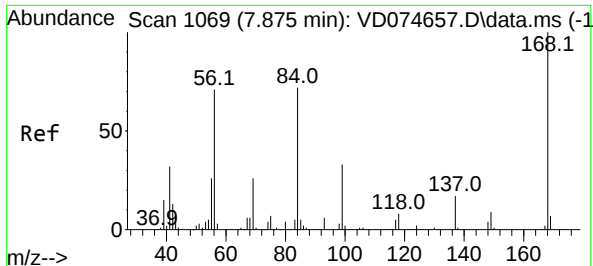
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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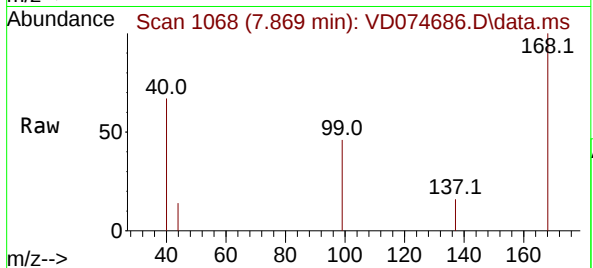
Quant Time: Oct 31 16:30:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102722S.M
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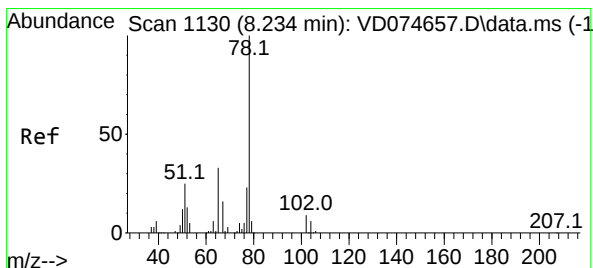
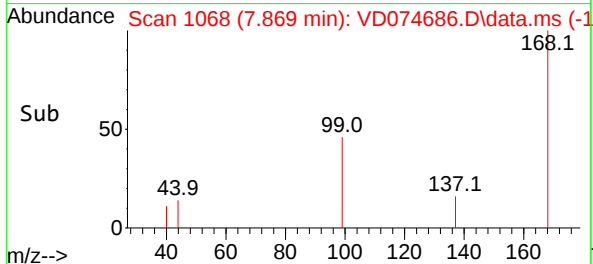
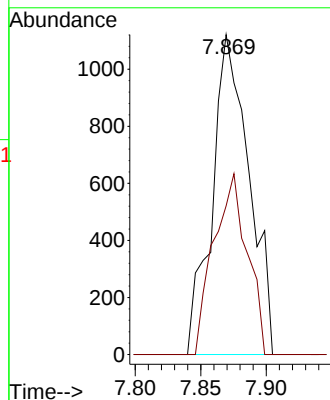


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD074686.D
Acq: 31 Oct 2022 14:18

Instrument :
MSVOA_D
ClientSampleId :
TP1-1024RE

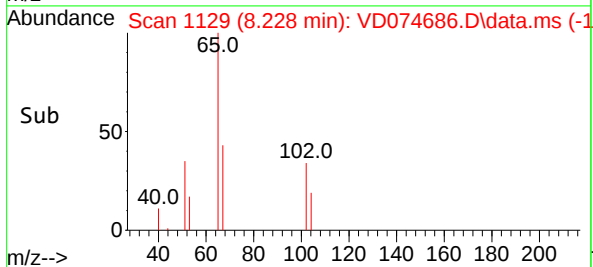
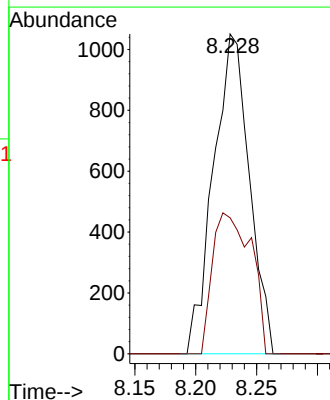
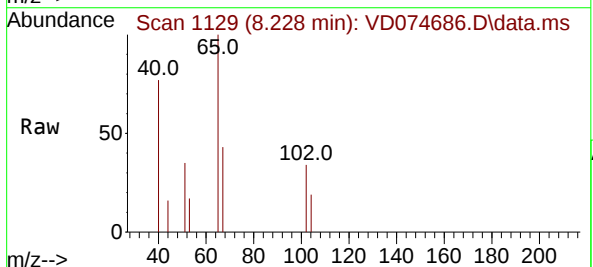


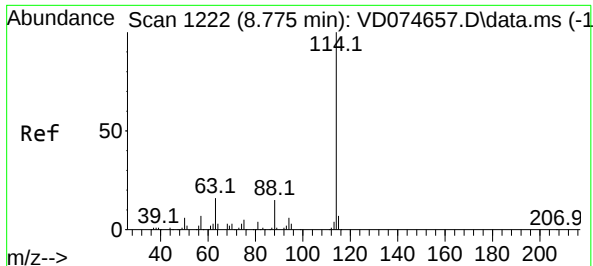
Tgt Ion:168 Resp: 2201
Ion Ratio Lower Upper
168 100
99 46.5 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 115.951 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD074686.D
Acq: 31 Oct 2022 14:18

Tgt Ion: 65 Resp: 2154
Ion Ratio Lower Upper
65 100
67 47.4 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD074686.D

Acq: 31 Oct 2022 14:18

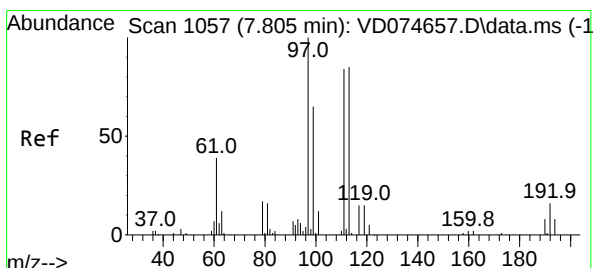
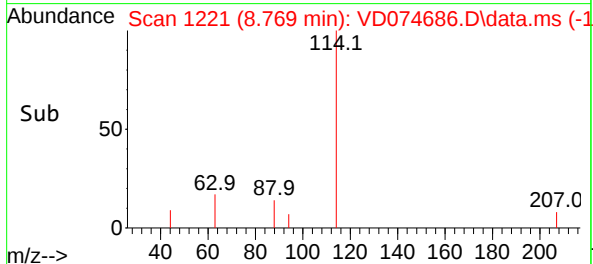
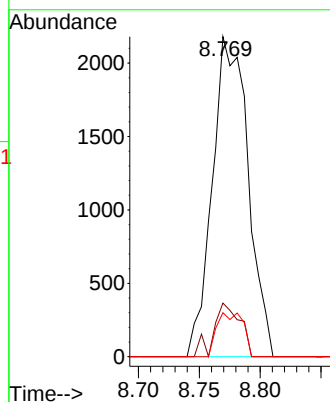
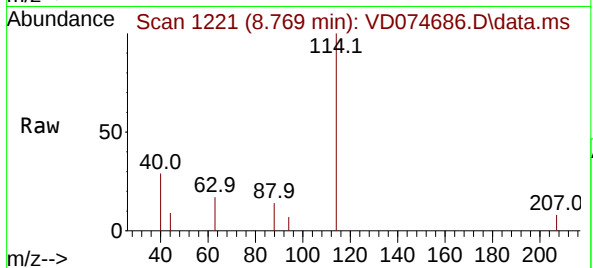
Instrument :

MSVOA_D

ClientSampleId :

TP1-1024RE

Tgt Ion:114	Resp:	4447
Ion	Ratio	Lower Upper
114	100	
63	16.7	0.0 33.2
88	13.8	0.0 28.2



#35

Dibromofluoromethane

Concen: 64.299 ug/l

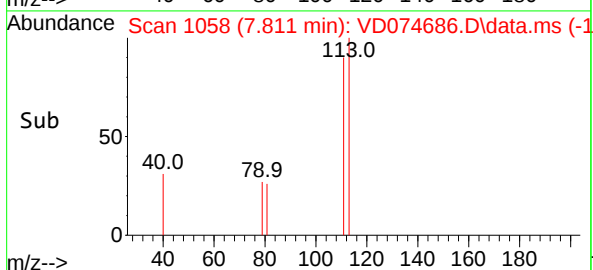
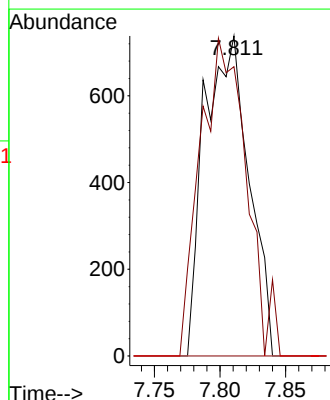
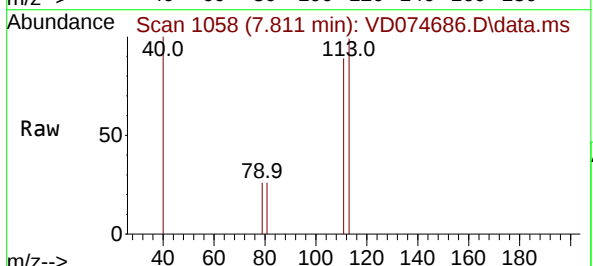
RT: 7.811 min Scan# 1058

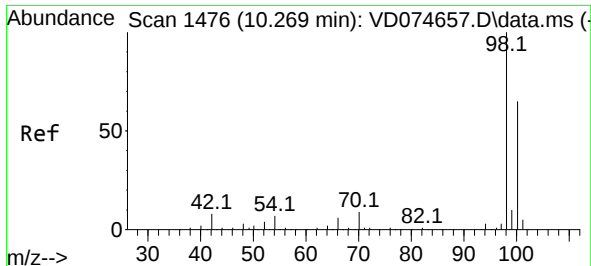
Delta R.T. 0.006 min

Lab File: VD074686.D

Acq: 31 Oct 2022 14:18

Tgt Ion:113	Resp:	1746
Ion	Ratio	Lower Upper
113	100	
111	102.4	82.3 123.5
192	0.0	16.4 24.6

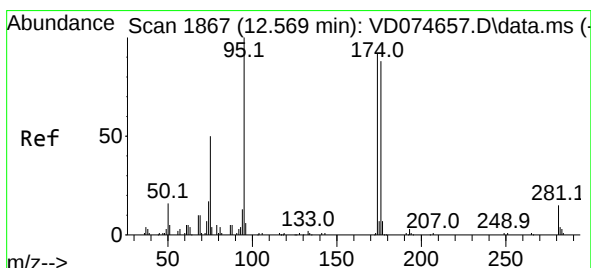
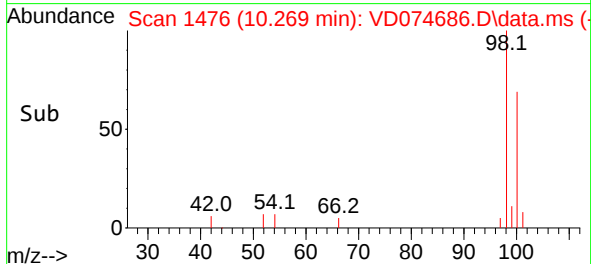
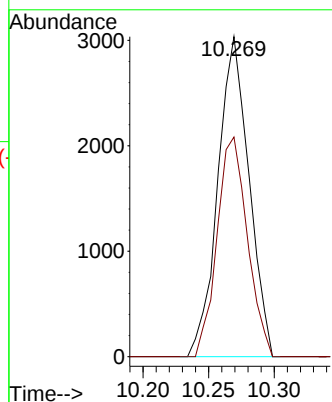
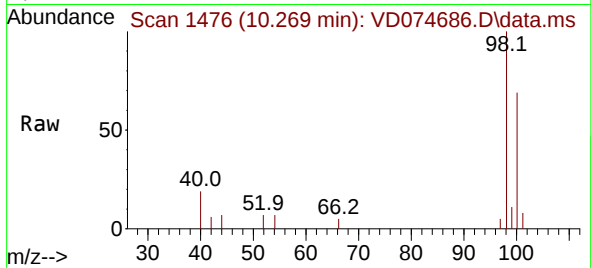




#50
Toluene-d8
Concen: 47.928 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074686.D
Acq: 31 Oct 2022 14:18

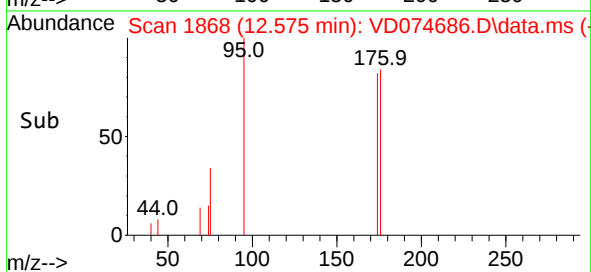
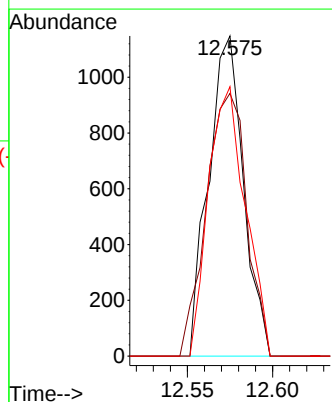
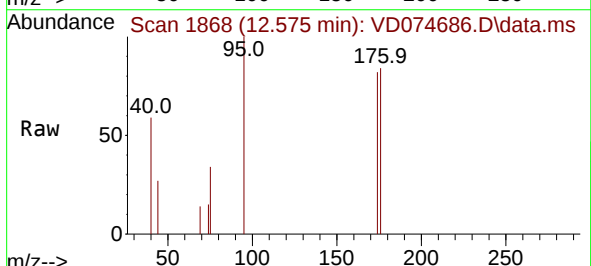
Instrument :
MSVOA_D
ClientSampleId :
TP1-1024RE

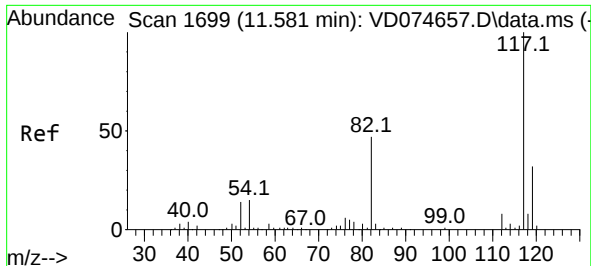
Tgt Ion: 98 Resp: 5005
Ion Ratio Lower Upper
98 100
100 66.8 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 56.904 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074686.D
Acq: 31 Oct 2022 14:18

Tgt Ion: 95 Resp: 1632
Ion Ratio Lower Upper
95 100
174 95.5 0.0 197.0
176 89.5 0.0 182.6

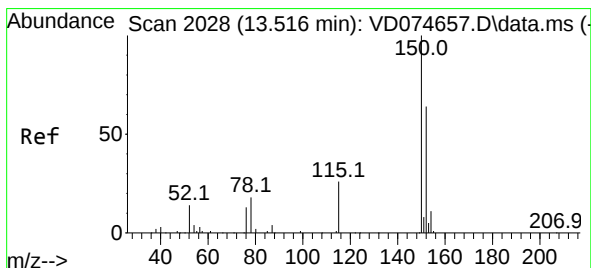
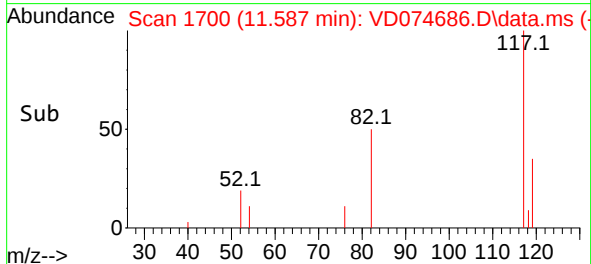
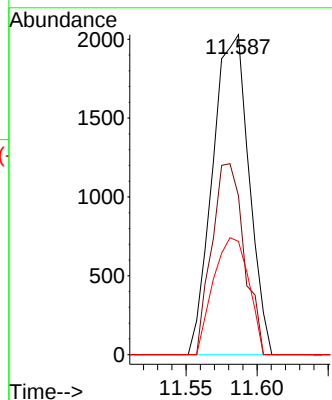
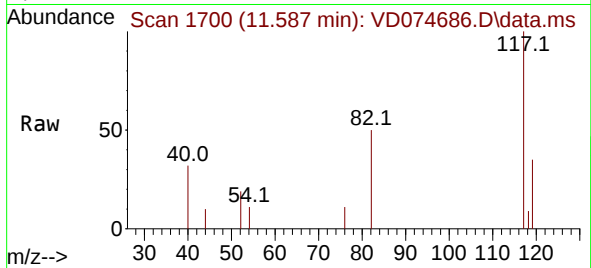




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074686.D
Acq: 31 Oct 2022 14:18

Instrument :
MSVOA_D
ClientSampleId :
TP1-1024RE

Tgt Ion:117 Resp: 3610
Ion Ratio Lower Upper
117 100
82 49.7 41.6 62.4
119 35.4 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: VD074686.D
Acq: 31 Oct 2022 14:18

Tgt Ion:152 Resp: 1579
Ion Ratio Lower Upper
152 100
115 59.7 26.8 80.4
150 181.8 0.0 348.2

