

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102822\
 Data File : VD074676.D
 Acq On : 28 Oct 2022 17:20
 Operator : VA/SY
 Sample : N5267-04
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP2-1024

Quant Time: Oct 29 02:15:42 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)

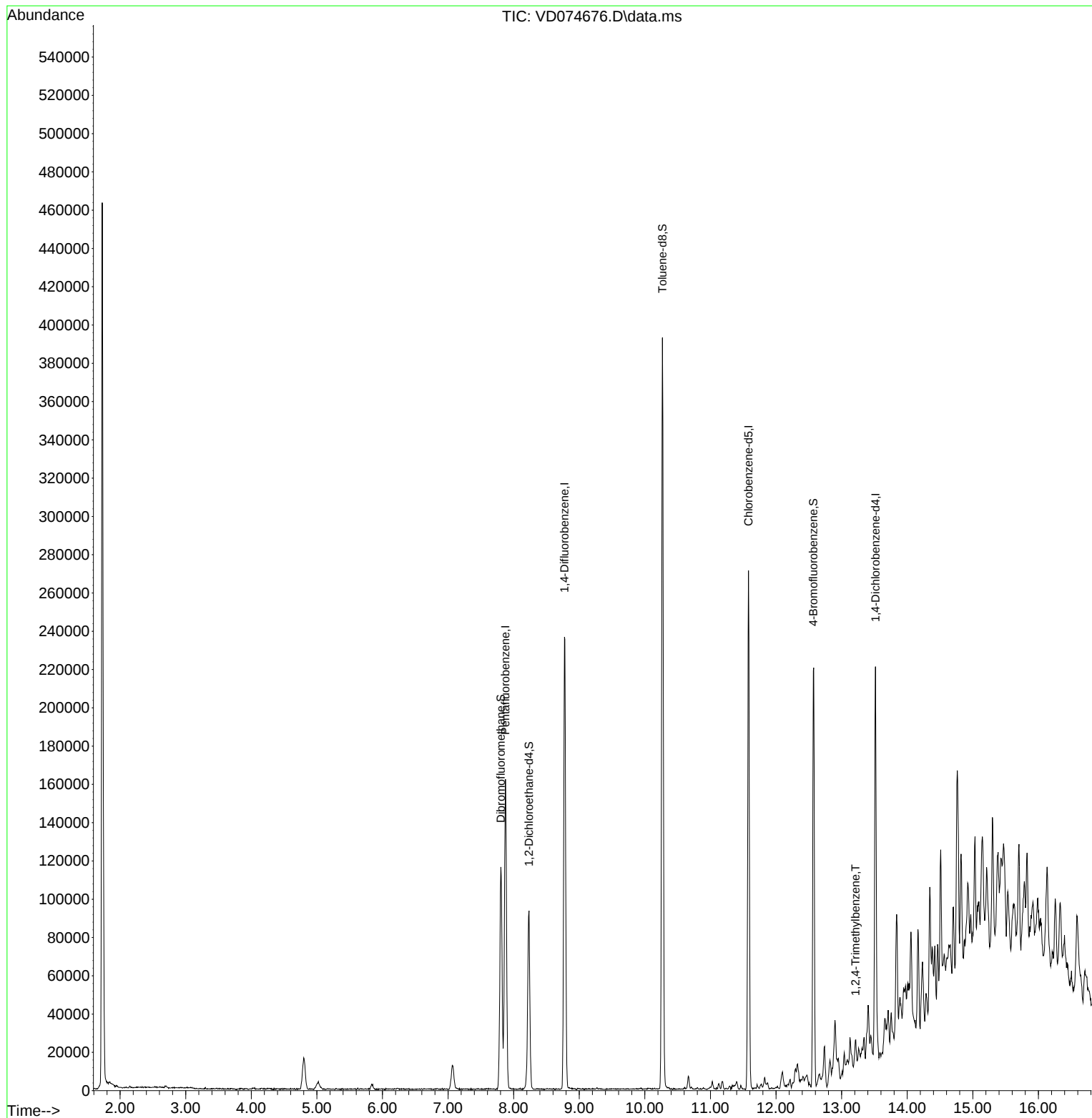
Internal Standards						
1) Pentafluorobenzene	7.875	168	132026	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	232480	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	167920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	58039	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	70280	63.070	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.140%	
35) Dibromofluoromethane	7.804	113	84970	59.856	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.720%	
50) Toluene-d8	10.269	98	284317	52.080	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.160%	
62) 4-Bromofluorobenzene	12.569	95	69135	46.111	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.220%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.210	105	7196	2.121	ug/l	Qvalue 95

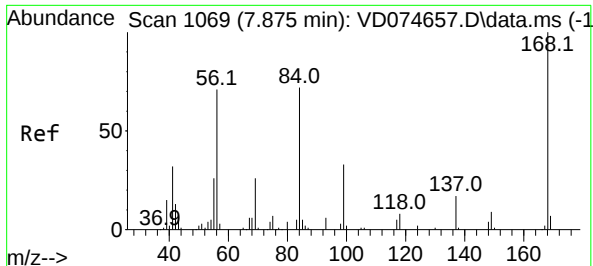
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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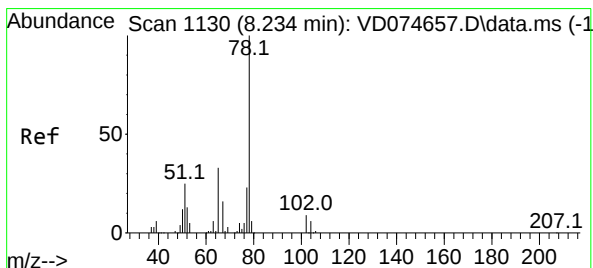
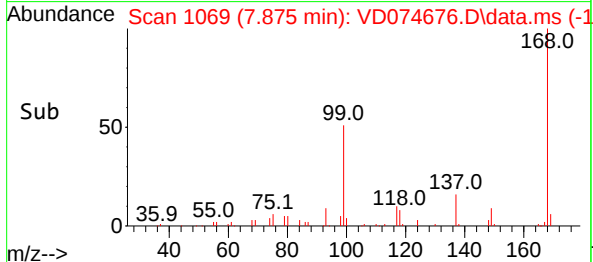
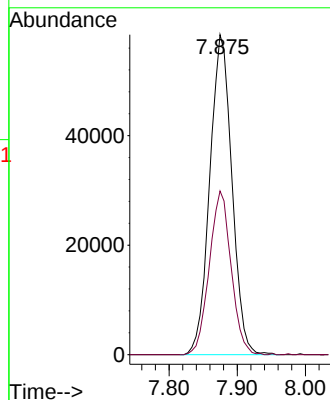
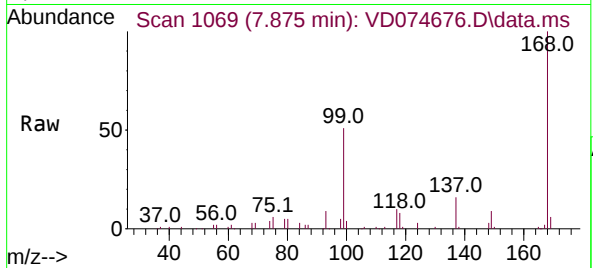




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074676.D
Acq: 28 Oct 2022 17:20

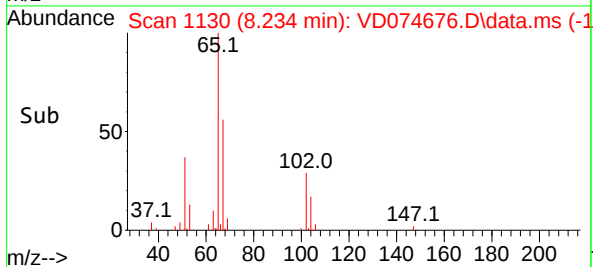
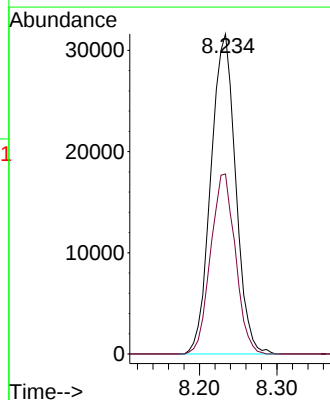
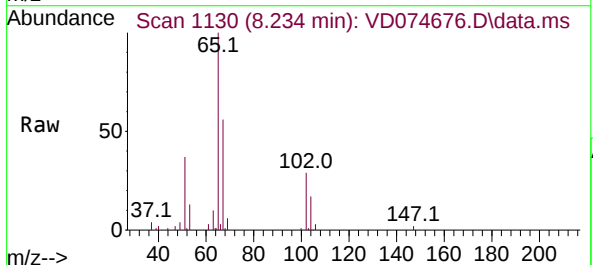
Instrument :
MSVOA_D
ClientSampleId :
TP2-1024

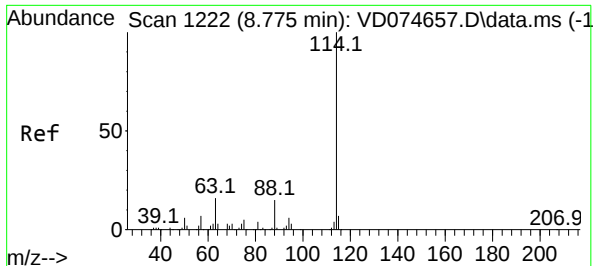
Tgt Ion:168 Resp: 132026
Ion Ratio Lower Upper
168 100
99 51.1 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 63.070 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD074676.D
Acq: 28 Oct 2022 17:20

Tgt Ion: 65 Resp: 70280
Ion Ratio Lower Upper
65 100
67 56.2 0.0 110.2

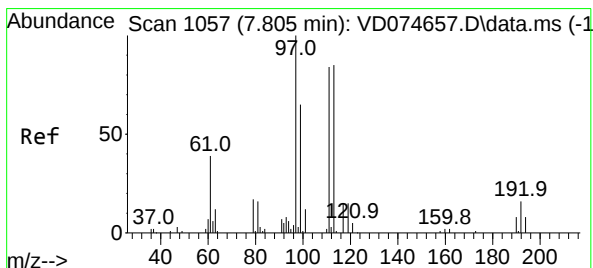
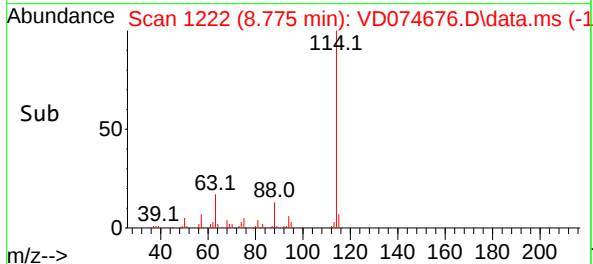
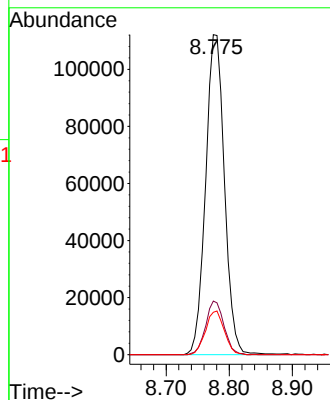
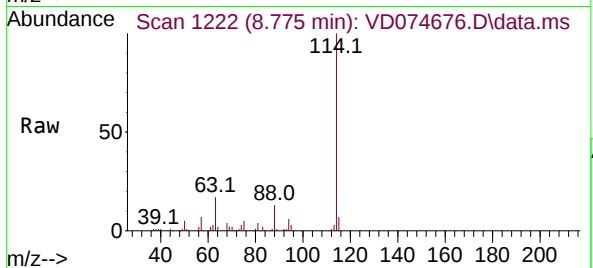




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074676.D
Acq: 28 Oct 2022 17:20

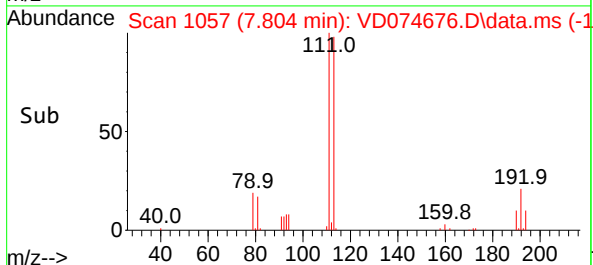
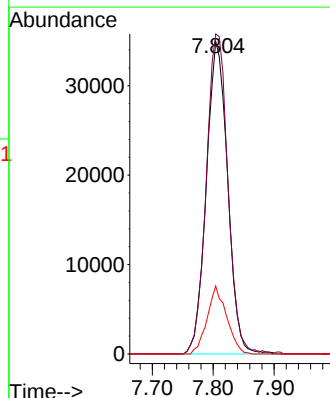
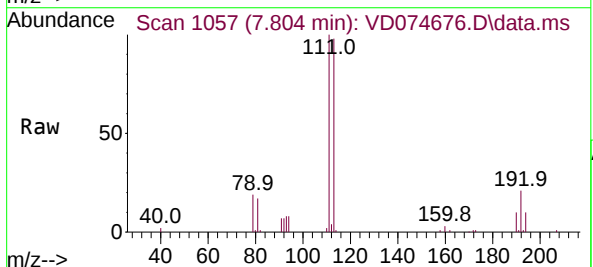
Instrument :
MSVOA_D
ClientSampleId :
TP2-1024

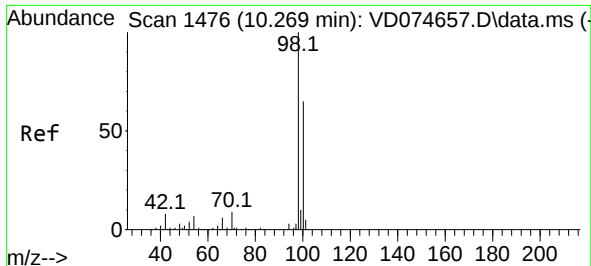
Tgt Ion:114 Resp: 232480
Ion Ratio Lower Upper
114 100
63 16.7 0.0 33.2
88 13.2 0.0 28.2



#35
Dibromofluoromethane
Concen: 59.856 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD074676.D
Acq: 28 Oct 2022 17:20

Tgt Ion:113 Resp: 84970
Ion Ratio Lower Upper
113 100
111 104.0 82.3 123.5
192 19.9 16.4 24.6

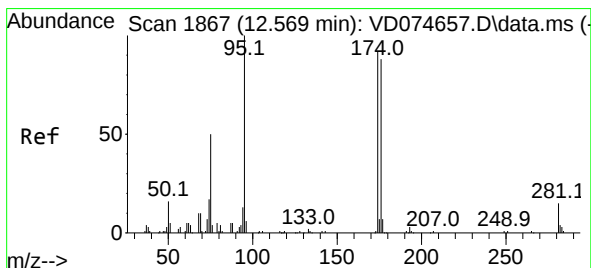
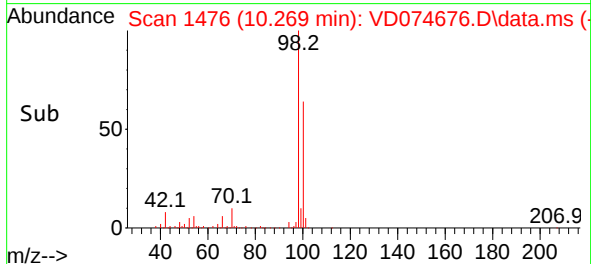
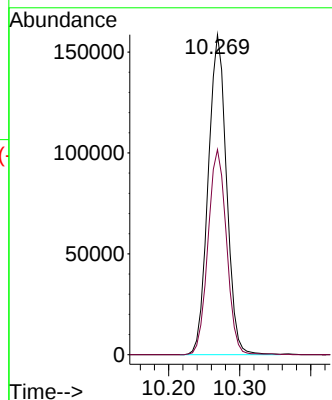
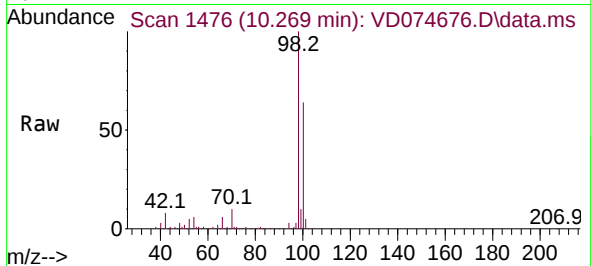




#50
Toluene-d8
Concen: 52.080 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074676.D
Acq: 28 Oct 2022 17:20

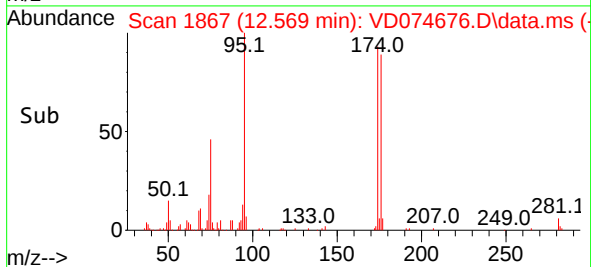
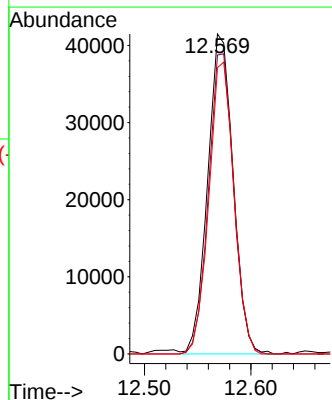
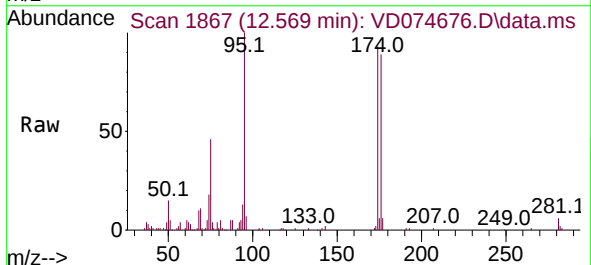
Instrument :
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ClientSampleId :
TP2-1024

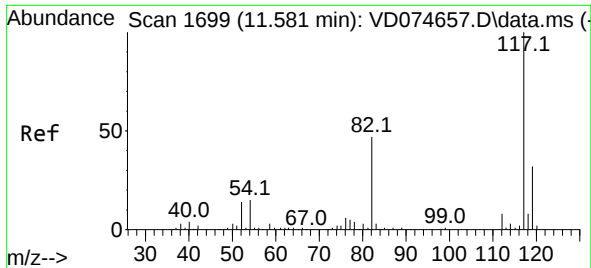
Tgt Ion: 98 Resp: 284317
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 46.111 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074676.D
Acq: 28 Oct 2022 17:20

Tgt Ion: 95 Resp: 69135
Ion Ratio Lower Upper
95 100
174 92.3 0.0 197.0
176 89.7 0.0 182.6

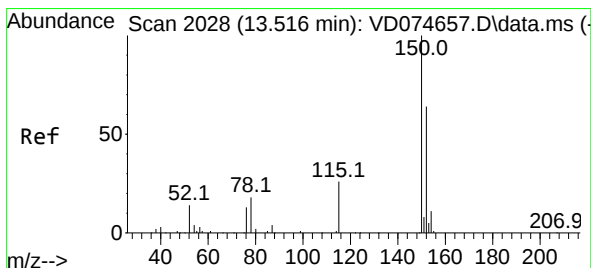
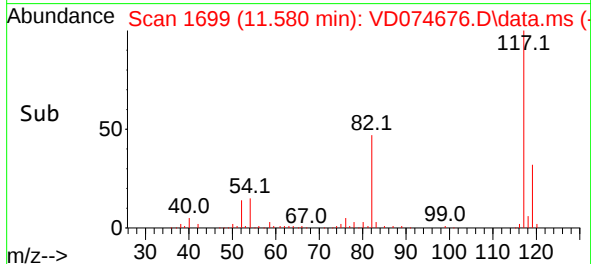
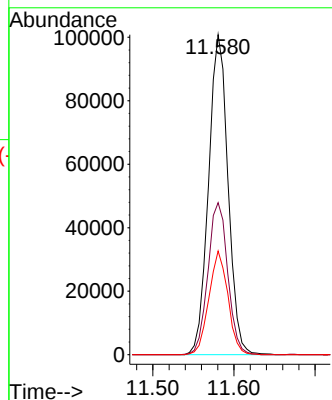
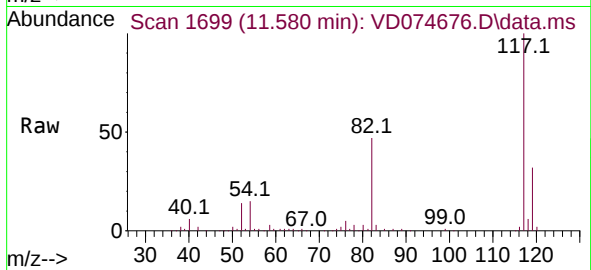




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. -0.001 min
Lab File: VD074676.D
Acq: 28 Oct 2022 17:20

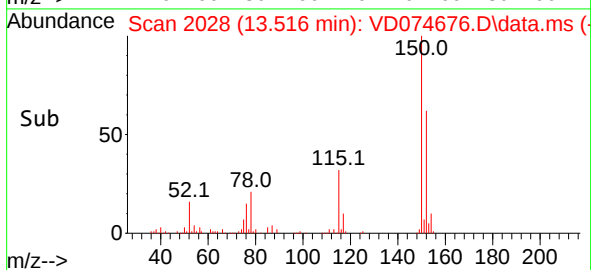
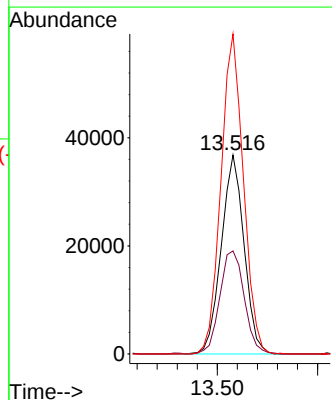
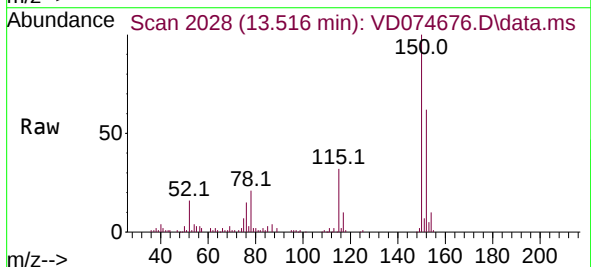
Instrument :
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ClientSampleId :
TP2-1024

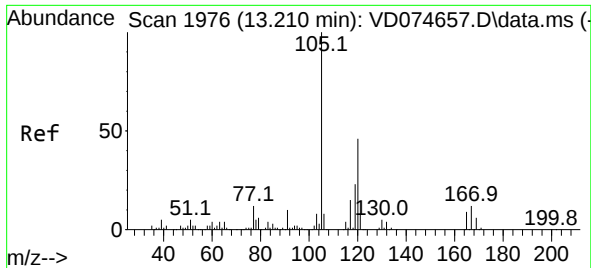
Tgt Ion:117 Resp: 167920
Ion Ratio Lower Upper
117 100
82 47.5 41.6 62.4
119 32.4 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD074676.D
Acq: 28 Oct 2022 17:20

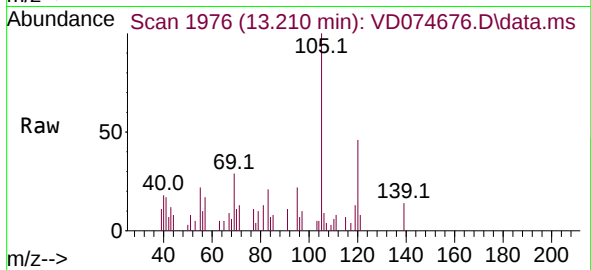
Tgt Ion:152 Resp: 58039
Ion Ratio Lower Upper
152 100
115 55.5 26.8 80.4
150 158.1 0.0 348.2





#84
 1,2,4-Trimethylbenzene
 Concen: 2.121 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VD074676.D
 Acq: 28 Oct 2022 17:20

Instrument :
 MSVOA_D
 ClientSampleId :
 TP2-1024



Tgt Ion:105 Resp: 7196
 Ion Ratio Lower Upper
 105 100
 120 42.6 22.9 68.7

