

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110922\
 Data File : VD074848.D
 Acq On : 10 Nov 2022 02:14
 Operator : VA/SY
 Sample : N5506-04
 Misc : 5.55G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-6

Quant Time: Nov 10 05:50:54 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)

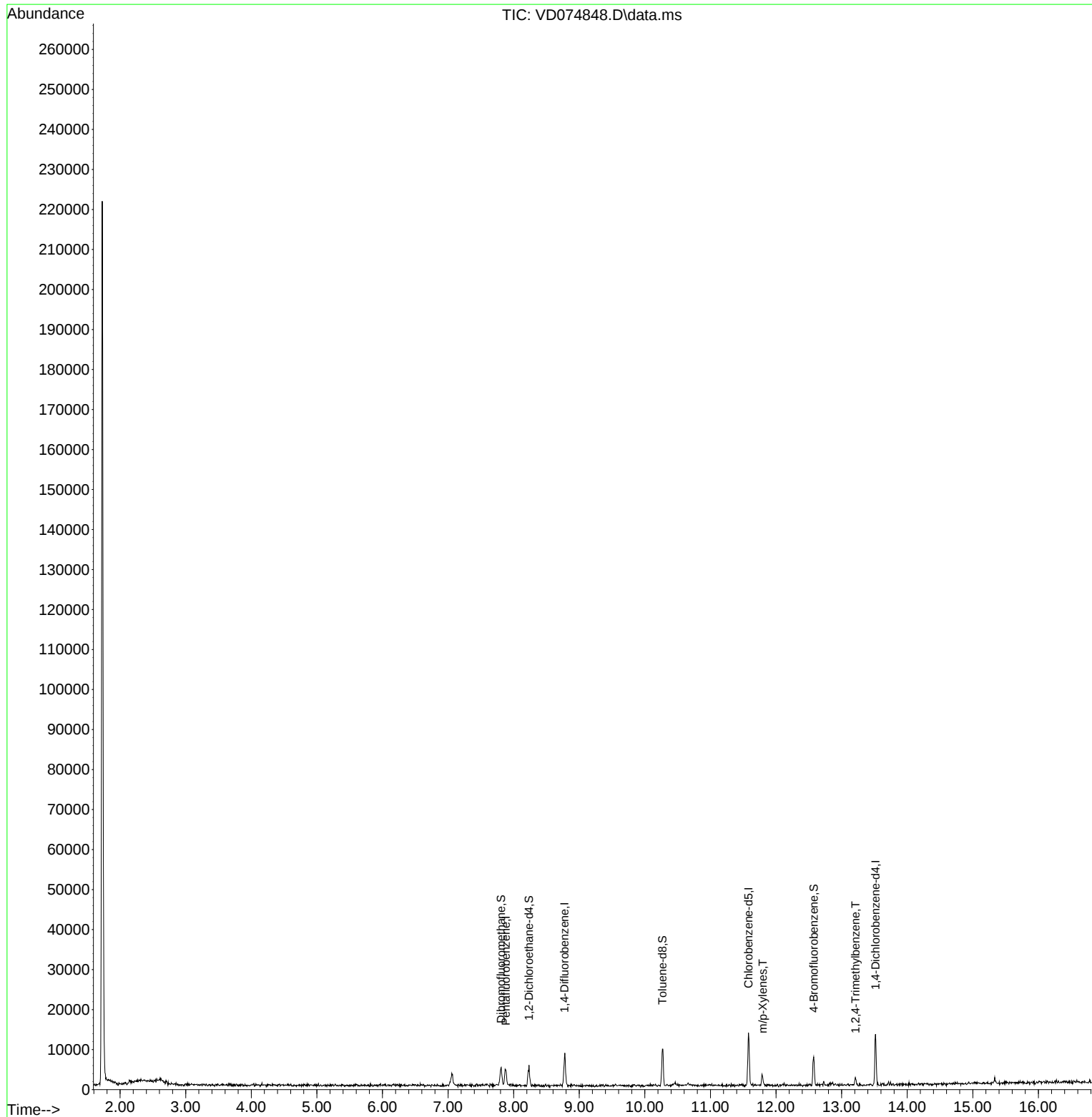
Internal Standards						
1) Pentafluorobenzene	7.881	168	4402	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	8816	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	9071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	4082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	3665	105.121	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 210.240%#	
35) Dibromofluoromethane	7.810	113	3590	68.840	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 137.680%	
50) Toluene-d8	10.269	98	7943	41.755	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 83.520%	
62) 4-Bromofluorobenzene	12.575	95	2864	52.144	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.280%	
Target Compounds						Qvalue
68) m/p-Xylenes	11.798	106	1017	8.047	ug/l	89
84) 1,2,4-Trimethylbenzene	13.210	105	1429	5.952	ug/l	96

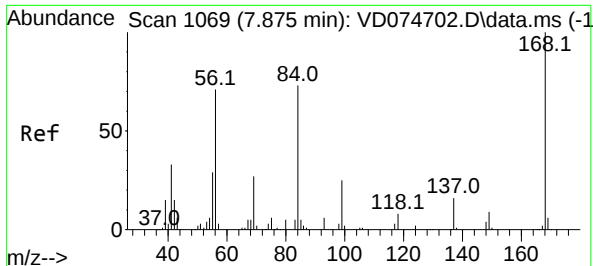
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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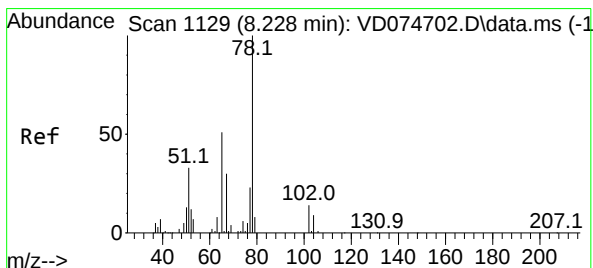
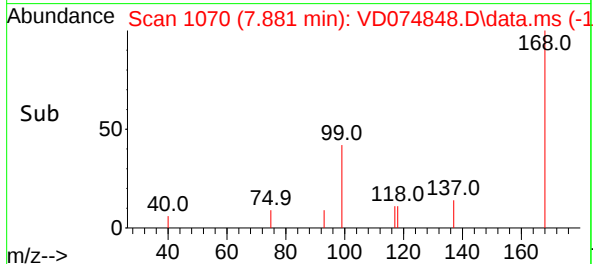
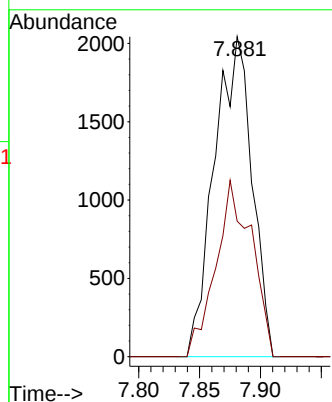
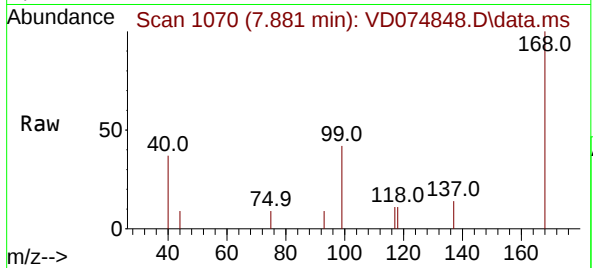




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD074848.D
Acq: 10 Nov 2022 02:14

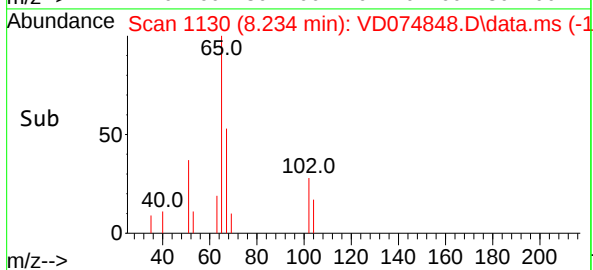
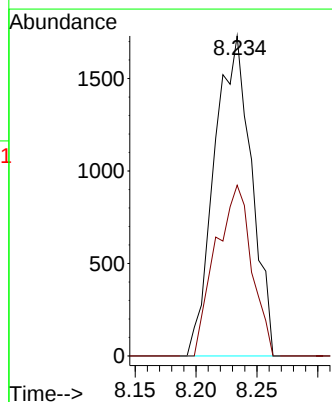
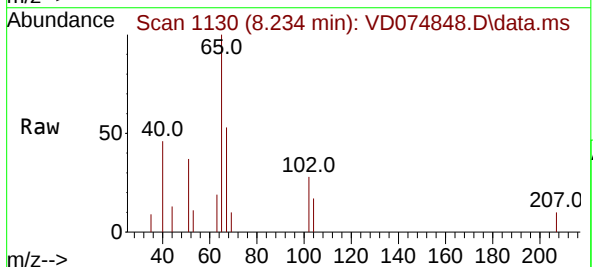
Instrument :
MSVOA_D
ClientSampleId :
TP-6

Tgt Ion:168 Resp: 4402
Ion Ratio Lower Upper
168 100
99 42.3 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 105.121 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074848.D
Acq: 10 Nov 2022 02:14

Tgt Ion: 65 Resp: 3665
Ion Ratio Lower Upper
65 100
67 52.0 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: VD074848.D

Acq: 10 Nov 2022 02:14

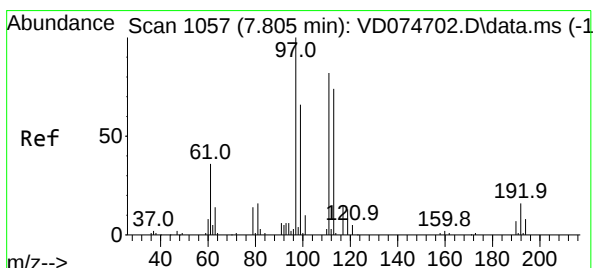
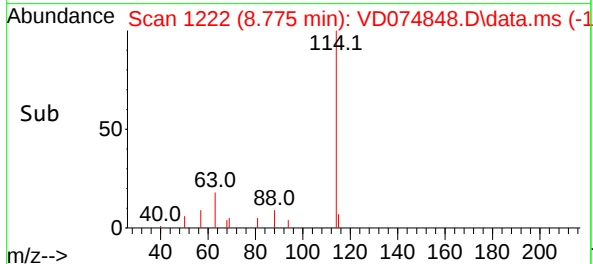
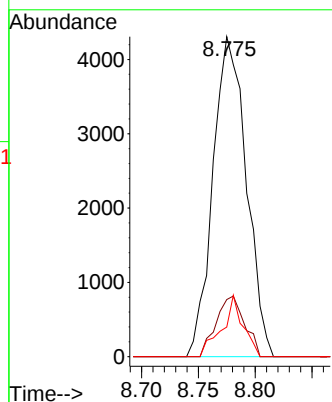
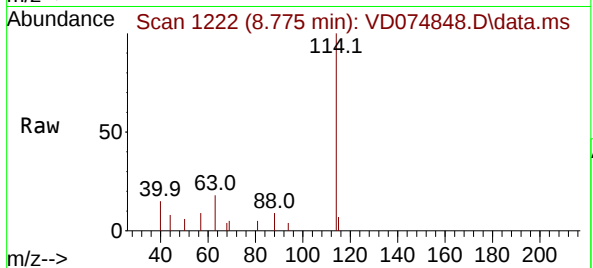
Instrument :

MSVOA_D

ClientSampleId :

TP-6

Tgt Ion:114	Resp:	8816
Ion	Ratio	Lower Upper
114	100	
63	17.9	0.0 33.2
88	9.3	0.0 28.2



#35

Dibromofluoromethane

Concen: 68.840 ug/l

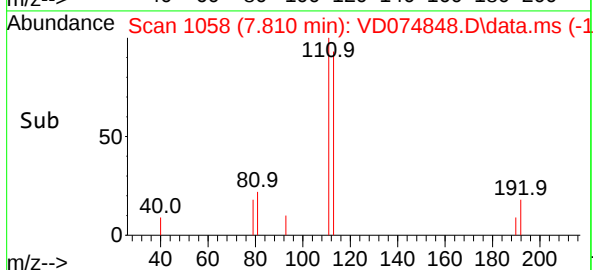
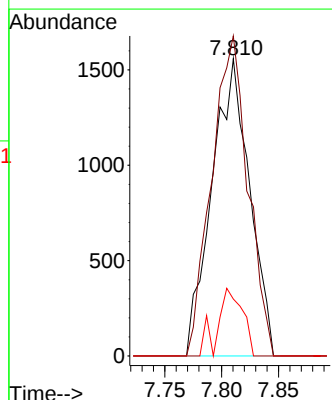
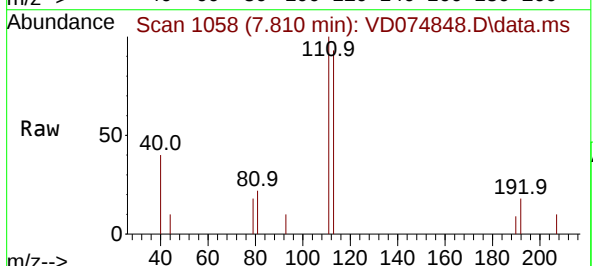
RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD074848.D

Acq: 10 Nov 2022 02:14

Tgt Ion:113	Resp:	3590
Ion	Ratio	Lower Upper
113	100	
111	103.5	82.3 123.5
192	15.1	16.4 24.6

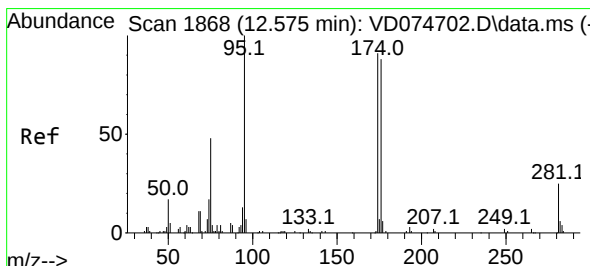
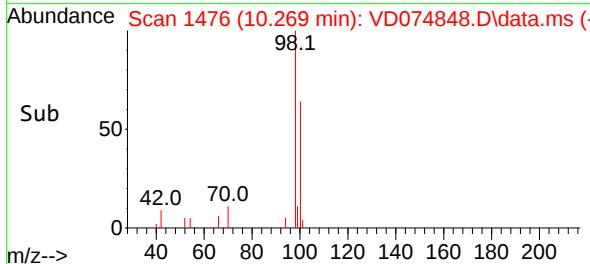
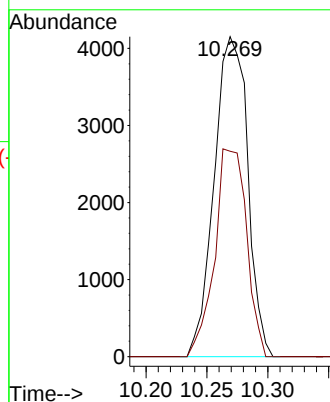
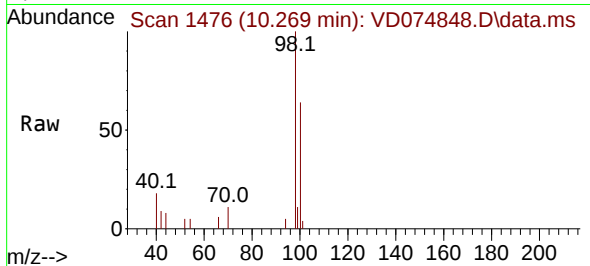




#50
Toluene-d8
Concen: 41.755 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074848.D
Acq: 10 Nov 2022 02:14

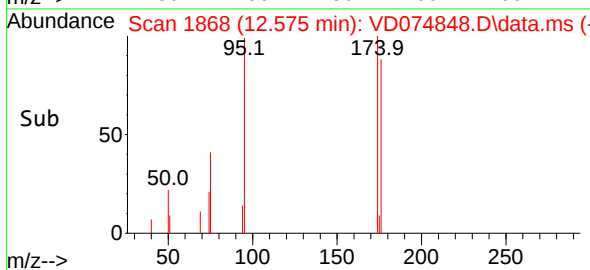
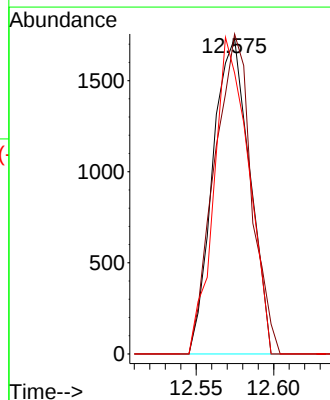
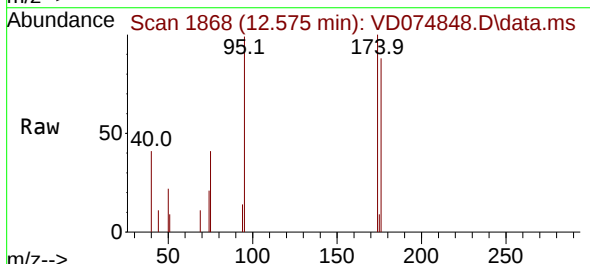
Instrument :
MSVOA_D
ClientSampleId :
TP-6

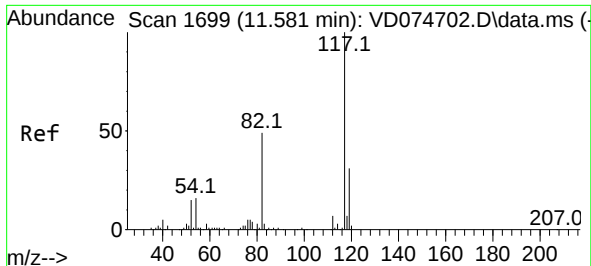
Tgt Ion: 98 Resp: 7943
Ion Ratio Lower Upper
98 100
100 61.9 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 52.144 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074848.D
Acq: 10 Nov 2022 02:14

Tgt Ion: 95 Resp: 2864
Ion Ratio Lower Upper
95 100
174 101.6 0.0 197.0
176 94.2 0.0 182.6

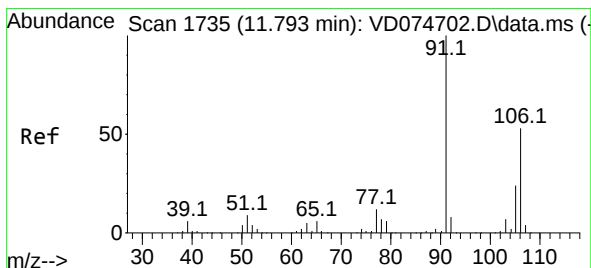
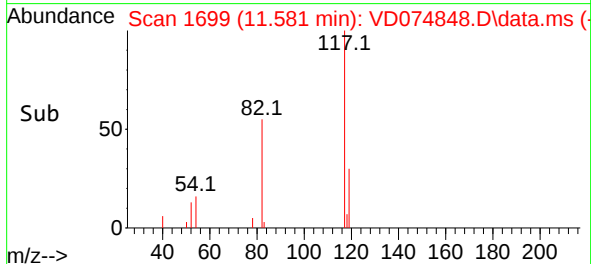
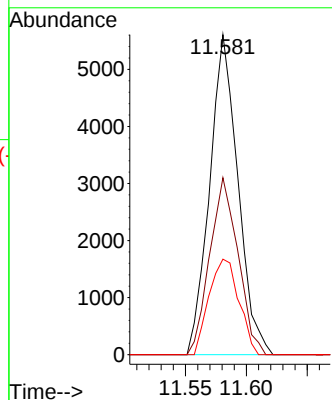
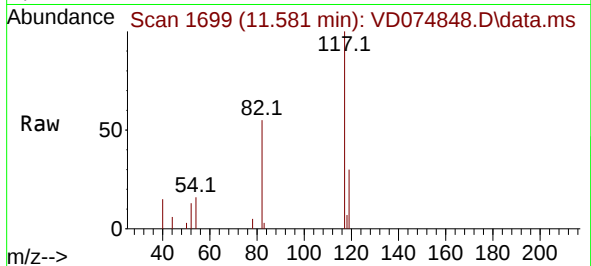




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1171
Delta R.T. -0.000 min
Lab File: VD074848.D
Acq: 10 Nov 2022 02:14

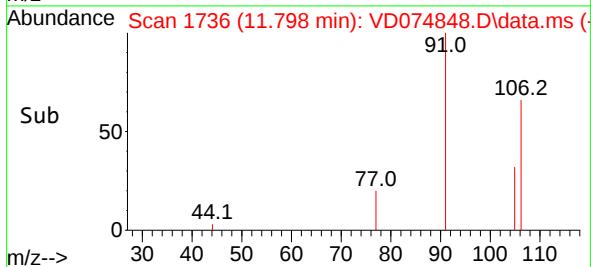
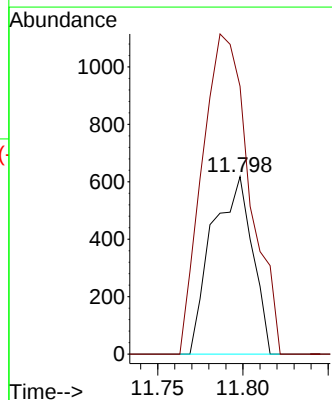
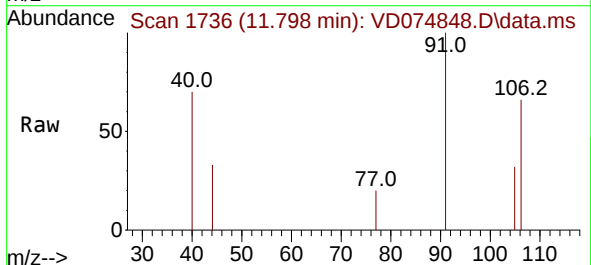
Instrument :
MSVOA_D
ClientSampleId :
TP-6

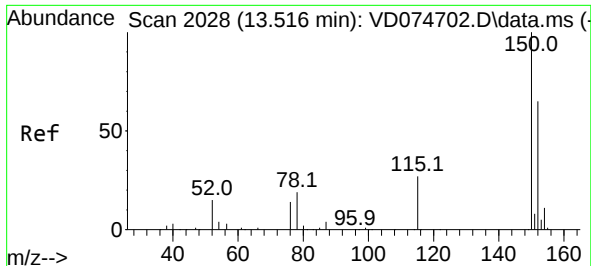
Tgt Ion:117 Resp: 9071
Ion Ratio Lower Upper
117 100
82 55.3 41.6 62.4
119 29.9 25.2 37.8



#68
m/p-Xylenes
Concen: 8.047 ug/l
RT: 11.798 min Scan# 1736
Delta R.T. 0.005 min
Lab File: VD074848.D
Acq: 10 Nov 2022 02:14

Tgt Ion:106 Resp: 1017
Ion Ratio Lower Upper
106 100
91 211.7 156.2 234.4

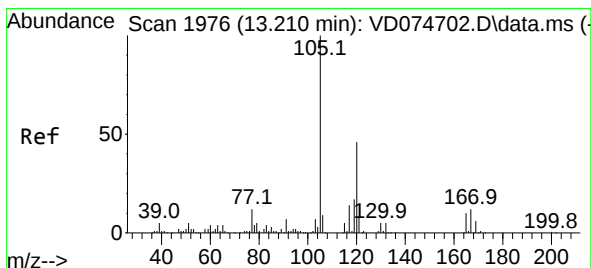
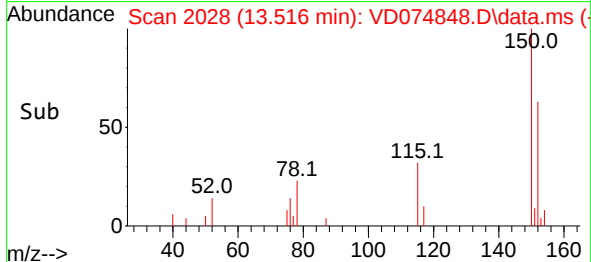
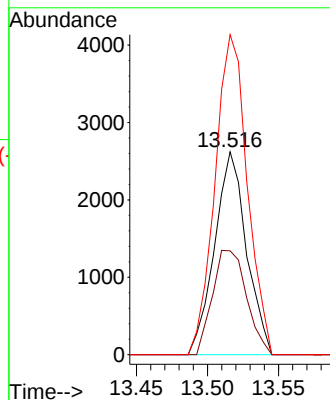
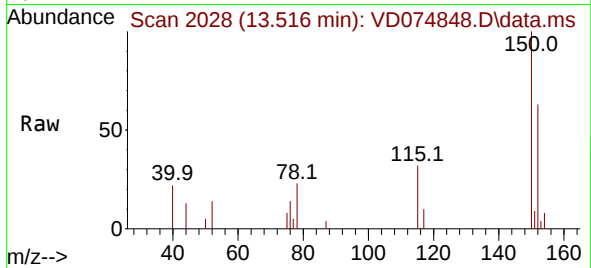




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. -0.000 min
 Lab File: VD074848.D
 Acq: 10 Nov 2022 02:14

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-6

Tgt Ion:152 Resp: 4082
 Ion Ratio Lower Upper
 152 100
 115 54.9 26.8 80.4
 150 160.2 0.0 348.2



#84
 1,2,4-Trimethylbenzene
 Concen: 5.952 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VD074848.D
 Acq: 10 Nov 2022 02:14

Tgt Ion:105 Resp: 1429
 Ion Ratio Lower Upper
 105 100
 120 48.6 22.9 68.7

