

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110922\
 Data File : VD074856.D
 Acq On : 10 Nov 2022 05:53
 Operator : VA/SY
 Sample : N5545-01
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-1-110922

Quant Time: Nov 10 06:41:10 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)

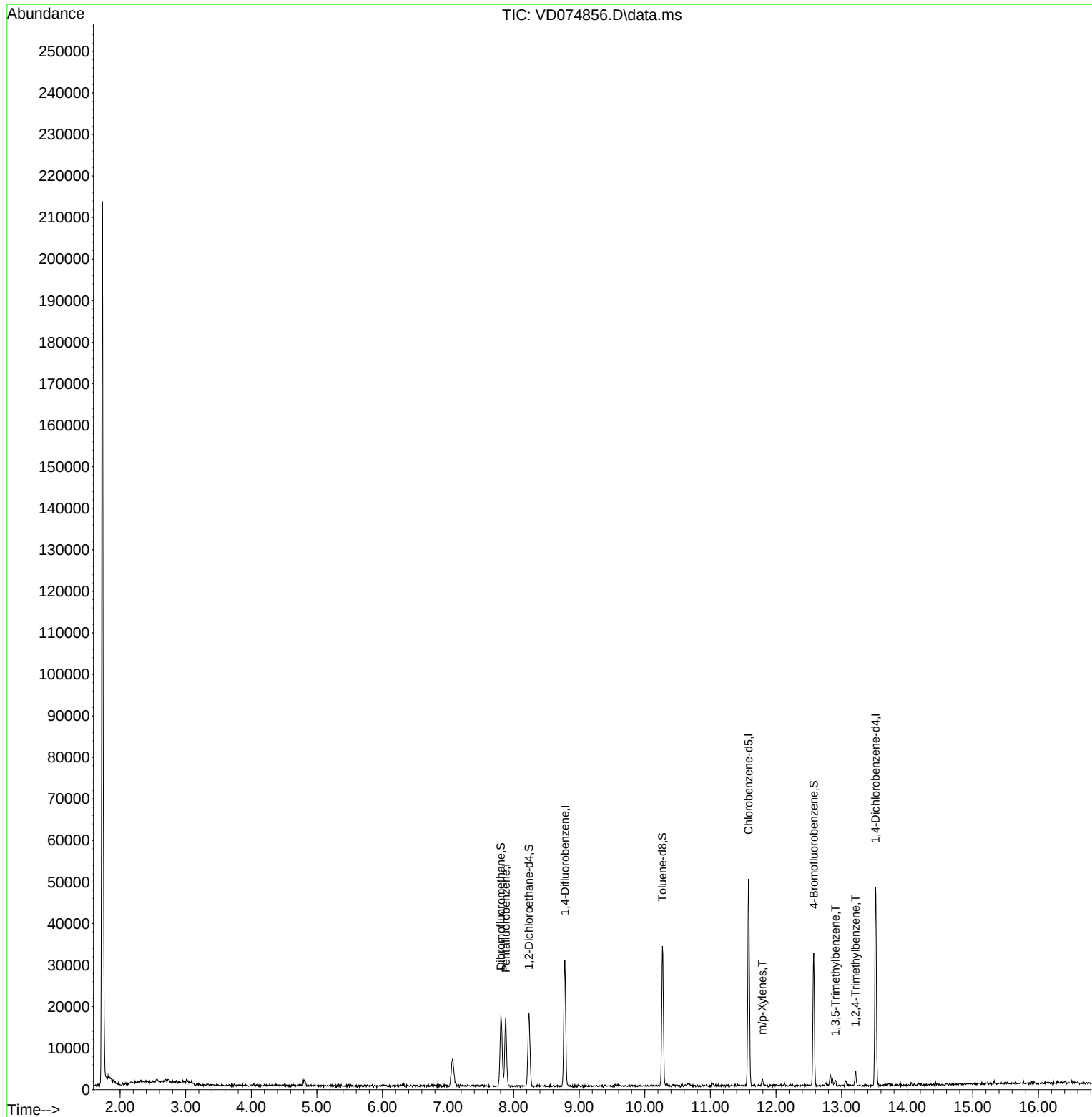
Internal Standards						
1) Pentafluorobenzene	7.881	168	13929	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	30760	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	32279	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	14741	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	14362	130.184	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 260.360%#	
35) Dibromofluoromethane	7.805	113	12576	69.115	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 138.220%	
50) Toluene-d8	10.269	98	25286	38.097	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 76.200%	
62) 4-Bromofluorobenzene	12.575	95	9878	51.545	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.080%	
Target Compounds						Qvalue
68) m/p-Xylenes	11.793	106	790	1.757	ug/l	74
80) 1,3,5-Trimethylbenzene	12.904	105	1184	1.347	ug/l	100
84) 1,2,4-Trimethylbenzene	13.210	105	2529	2.917	ug/l	97

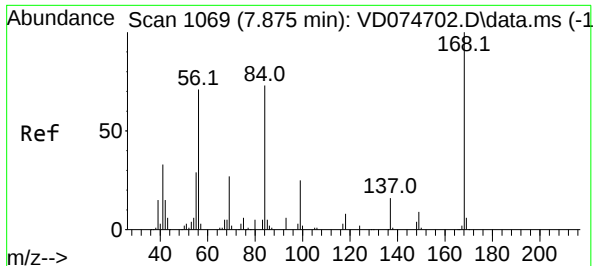
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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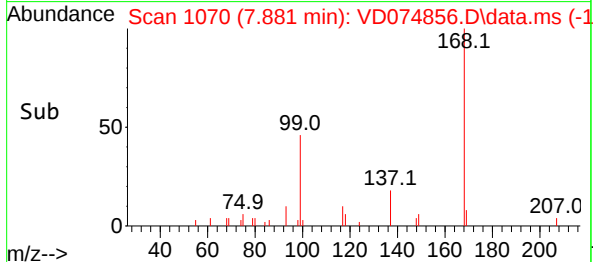
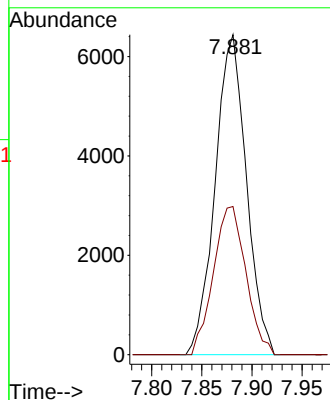
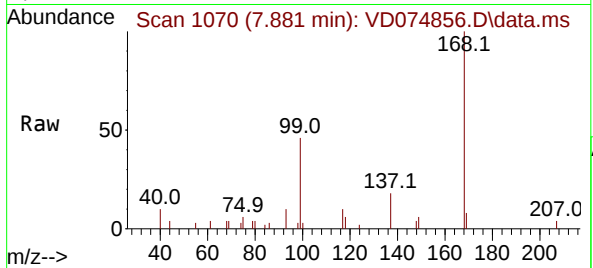




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074856.D
Acq: 10 Nov 2022 05:53

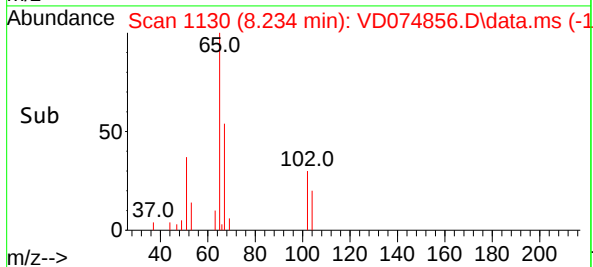
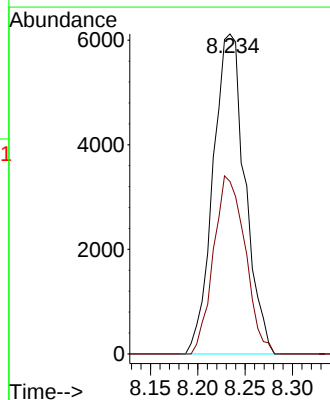
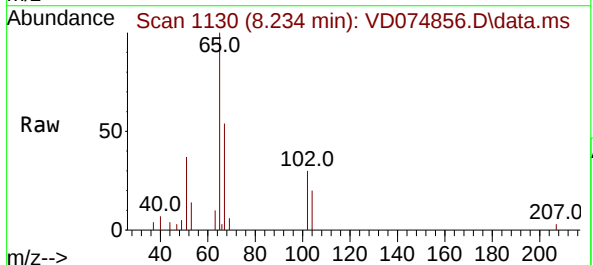
Instrument :
MSVOA_D
ClientSampleId :
CL-1-110922

Tgt Ion:168 Resp: 13929
Ion Ratio Lower Upper
168 100
99 46.3 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 130.184 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074856.D
Acq: 10 Nov 2022 05:53

Tgt Ion: 65 Resp: 14362
Ion Ratio Lower Upper
65 100
67 55.1 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: VD074856.D

Acq: 10 Nov 2022 05:53

Instrument :

MSVOA_D

ClientSampleId :

CL-1-110922

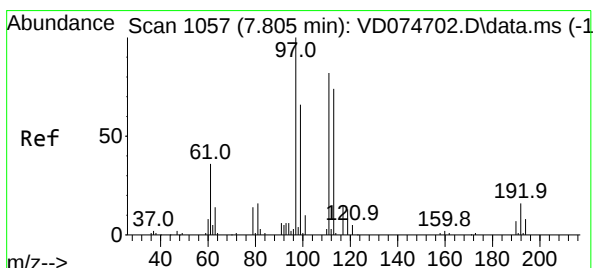
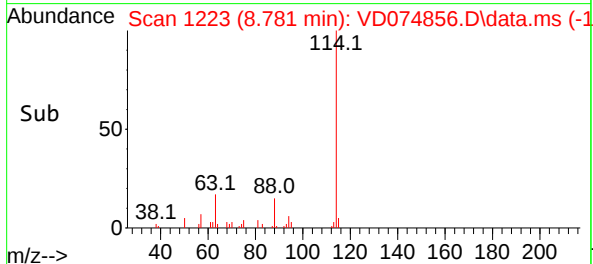
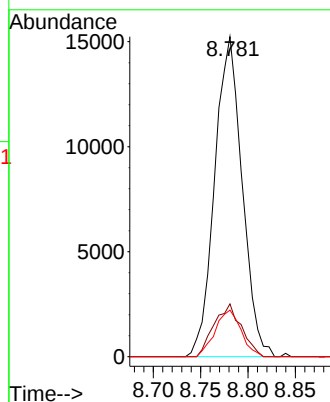
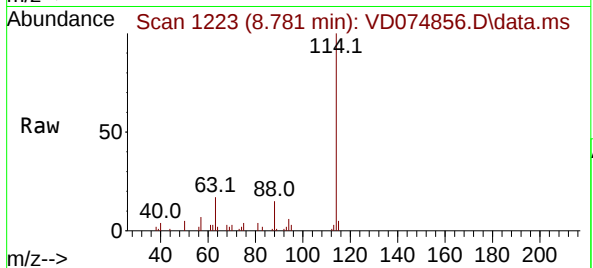
Tgt Ion:114 Resp: 30760

Ion Ratio Lower Upper

114 100

63 16.5 0.0 33.2

88 14.5 0.0 28.2



#35

Dibromofluoromethane

Concen: 69.115 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074856.D

Acq: 10 Nov 2022 05:53

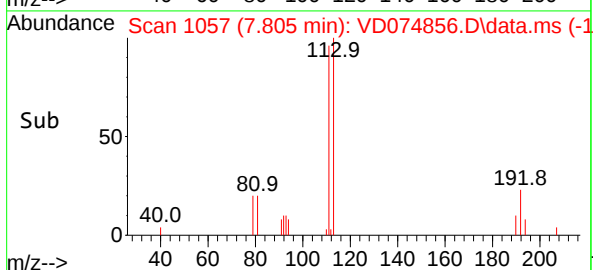
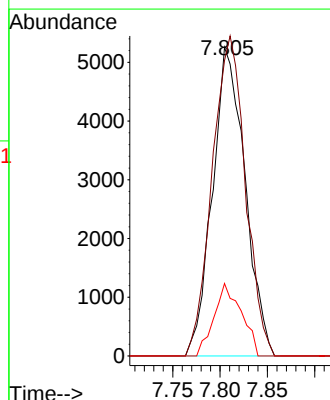
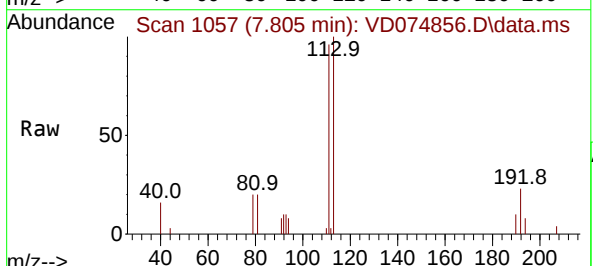
Tgt Ion:113 Resp: 12576

Ion Ratio Lower Upper

113 100

111 105.5 82.3 123.5

192 19.7 16.4 24.6

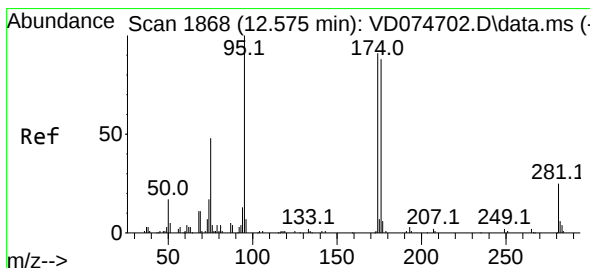
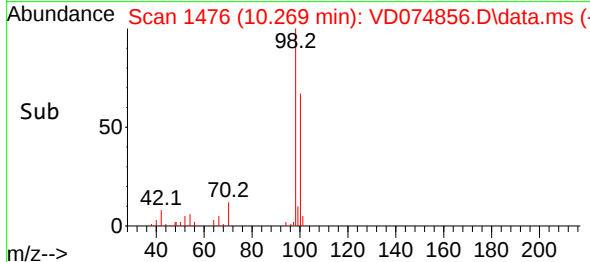
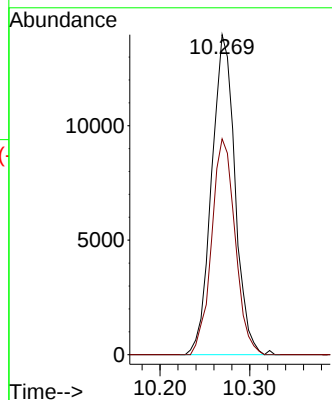
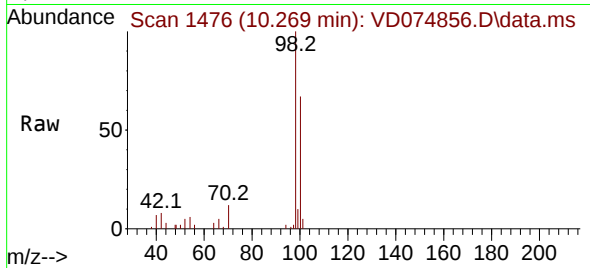




#50
Toluene-d8
Concen: 38.097 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074856.D
Acq: 10 Nov 2022 05:53

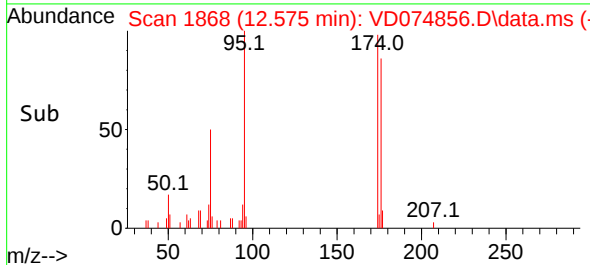
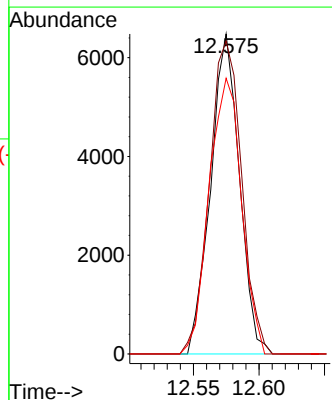
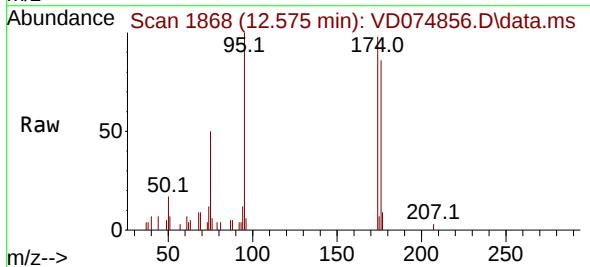
Instrument :
MSVOA_D
ClientSampleId :
CL-1-110922

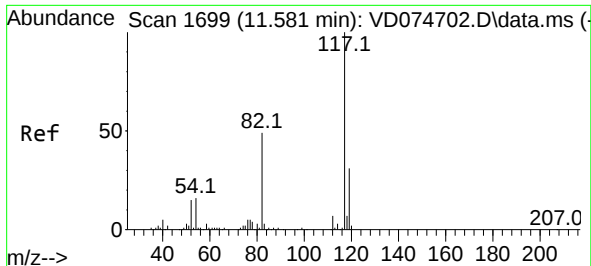
Tgt Ion: 98 Resp: 25286
Ion Ratio Lower Upper
98 100
100 67.8 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 51.545 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074856.D
Acq: 10 Nov 2022 05:53

Tgt Ion: 95 Resp: 9878
Ion Ratio Lower Upper
95 100
174 109.6 0.0 197.0
176 97.0 0.0 182.6

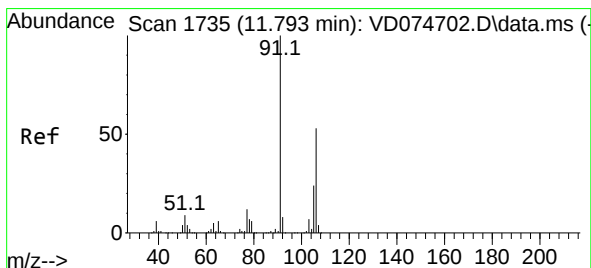
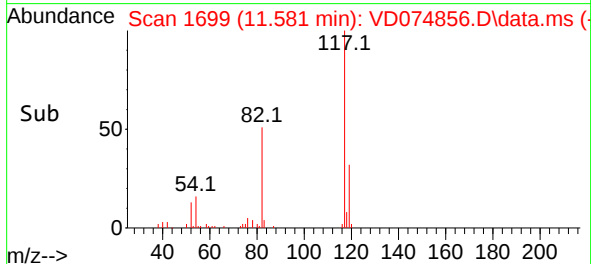
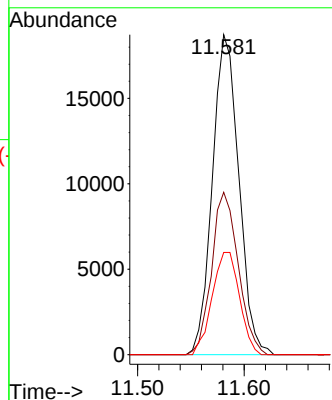
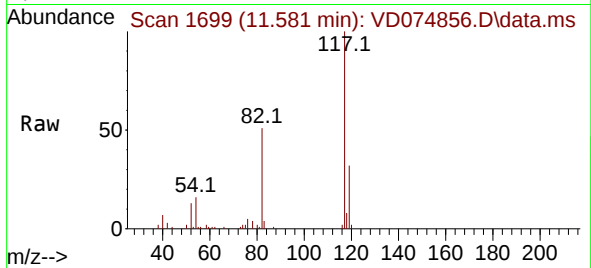




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074856.D
Acq: 10 Nov 2022 05:53

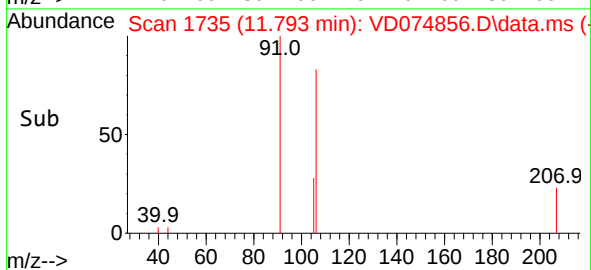
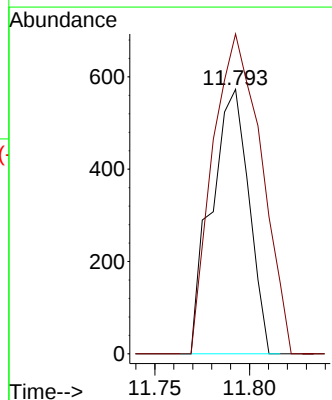
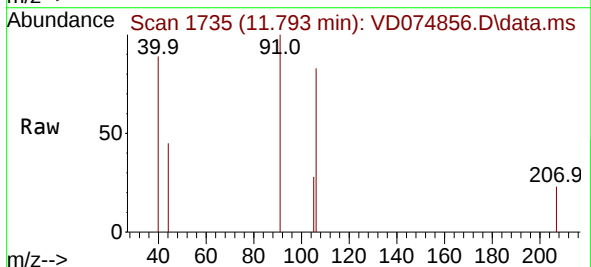
Instrument :
MSVOA_D
ClientSampleId :
CL-1-110922

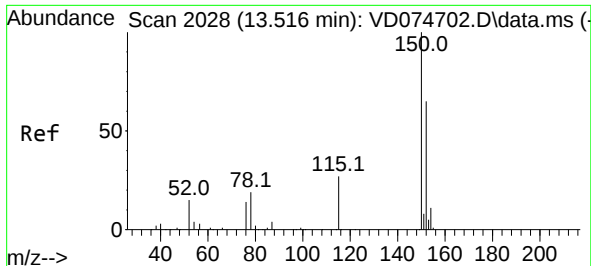
Tgt Ion:117 Resp: 32279
Ion Ratio Lower Upper
117 100
82 50.8 41.6 62.4
119 32.0 25.2 37.8



#68
m/p-Xylenes
Concen: 1.757 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD074856.D
Acq: 10 Nov 2022 05:53

Tgt Ion:106 Resp: 790
Ion Ratio Lower Upper
106 100
91 157.2 156.2 234.4

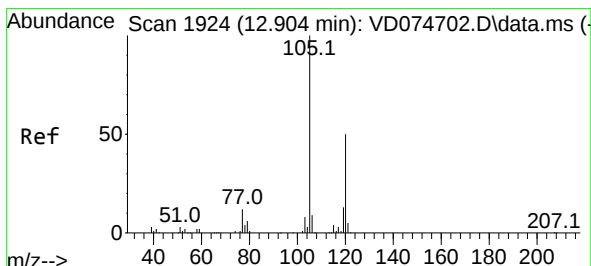
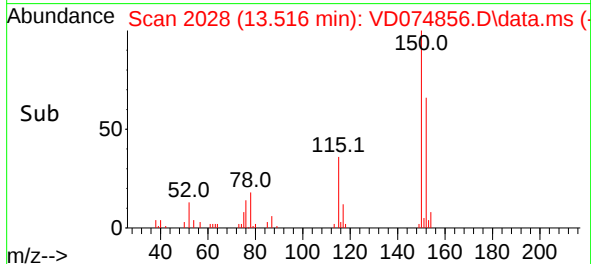
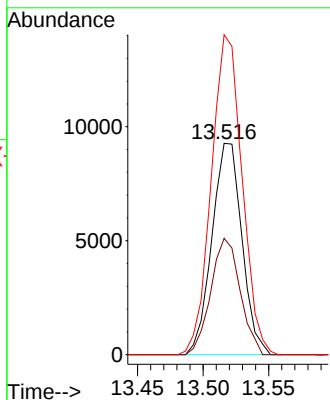
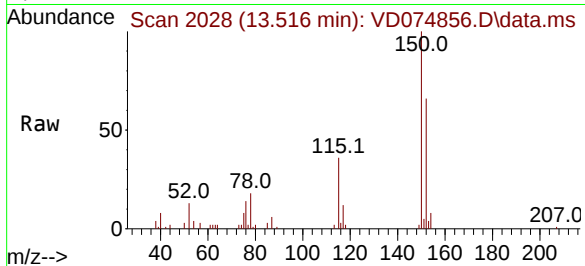




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. 0.000 min
 Lab File: VD074856.D
 Acq: 10 Nov 2022 05:53

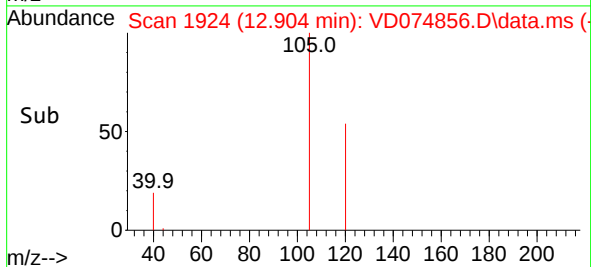
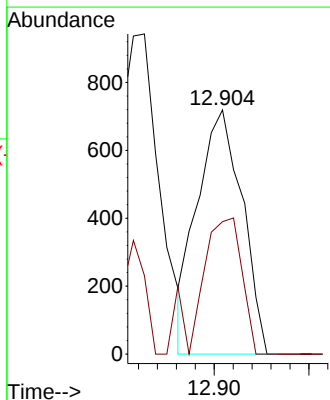
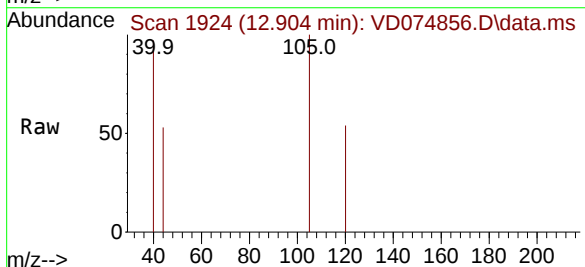
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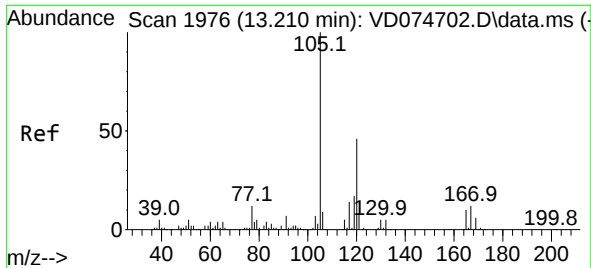
Tgt Ion:152 Resp: 14741
 Ion Ratio Lower Upper
 152 100
 115 53.9 26.8 80.4
 150 155.4 0.0 348.2



#80
 1,3,5-Trimethylbenzene
 Concen: 1.347 ug/l
 RT: 12.904 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: VD074856.D
 Acq: 10 Nov 2022 05:53

Tgt Ion:105 Resp: 1184
 Ion Ratio Lower Upper
 105 100
 120 51.5 25.7 77.0





#84

1,2,4-Trimethylbenzene

Concen: 2.917 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD074856.D

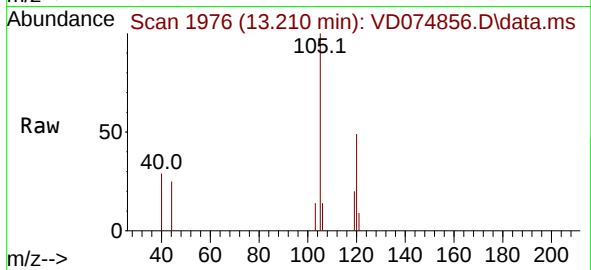
Acq: 10 Nov 2022 05:53

Instrument :

MSVOA_D

ClientSampleId :

CL-1-110922



Tgt Ion:105 Resp: 2529

Ion Ratio Lower Upper

105 100

120 47.5 22.9 68.7

