

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110922\
 Data File : VD074849.D
 Acq On : 10 Nov 2022 02:42
 Operator : VA/SY
 Sample : N5506-07
 Misc : 4.93G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-8

Quant Time: Nov 10 05:51:04 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)

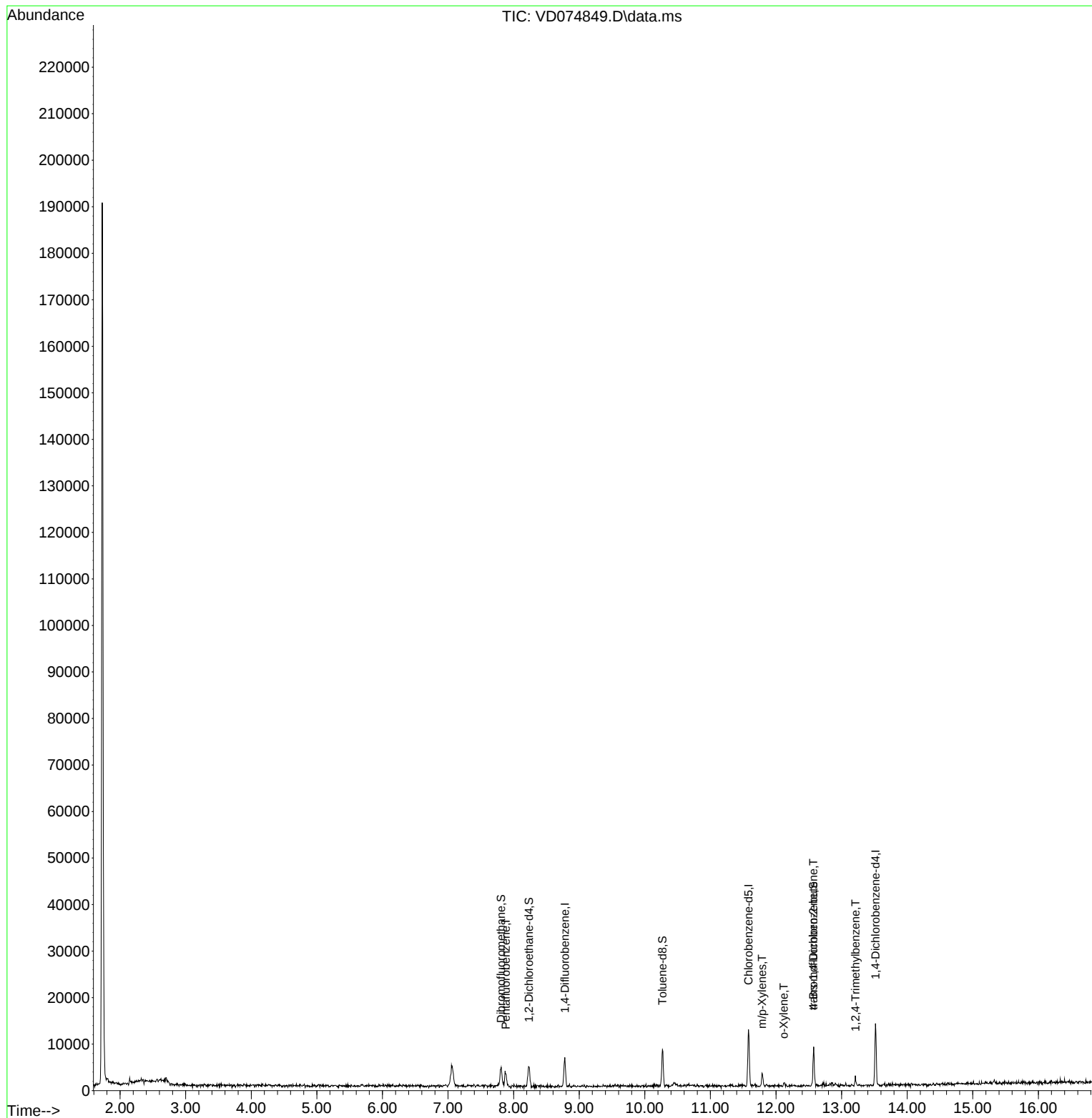
Internal Standards						
1) Pentafluorobenzene	7.881	168	3210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	7056	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	8702	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	4355	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	3769	148.247	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 296.500%#	
35) Dibromofluoromethane	7.810	113	3203	76.739	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 153.480%#	
50) Toluene-d8	10.269	98	6342	41.655	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 83.300%	
62) 4-Bromofluorobenzene	12.569	95	2883	65.582	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 131.160%	
Target Compounds						
						Qvalue
68) m/p-Xylenes	11.787	106	1004	8.281	ug/l	93
69) o-Xylene	12.116	106	264	2.369	ug/l	86
81) trans-1,4-Dichloro-2-b...	12.569	75	1502	105.609	ug/l	# 17
84) 1,2,4-Trimethylbenzene	13.210	105	1357	5.298	ug/l	93

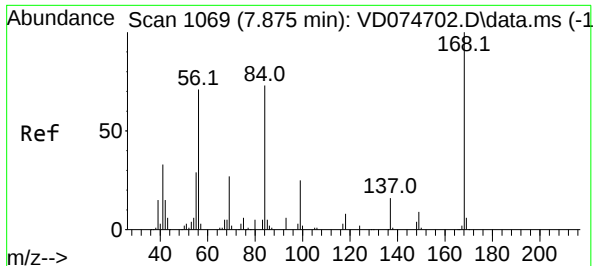
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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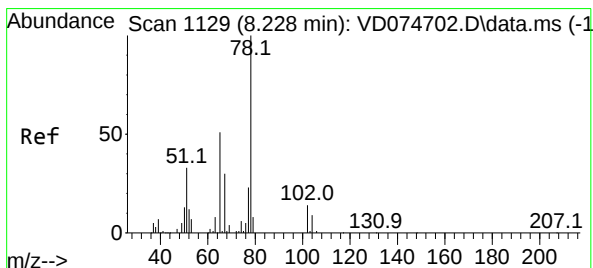
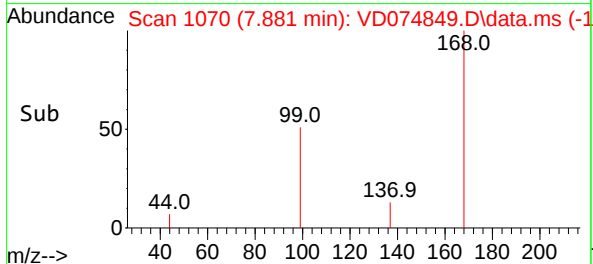
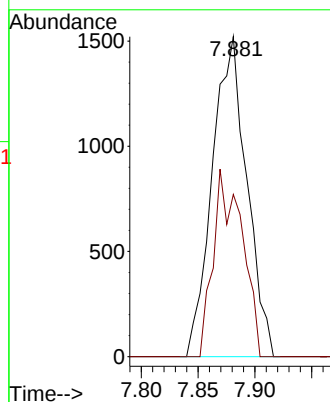
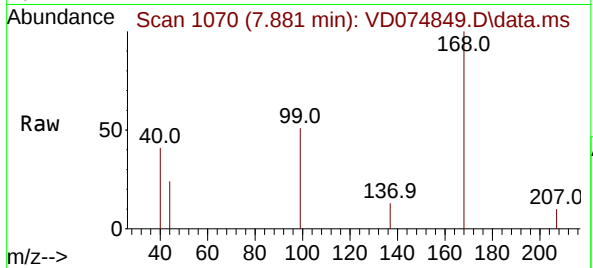




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VD074849.D
Acq: 10 Nov 2022 02:42

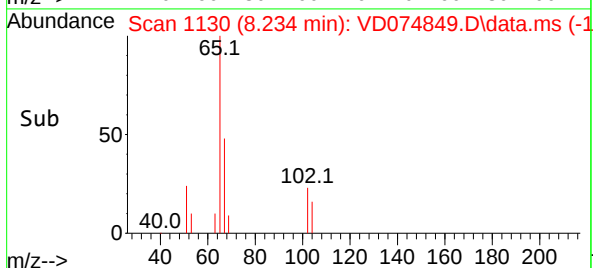
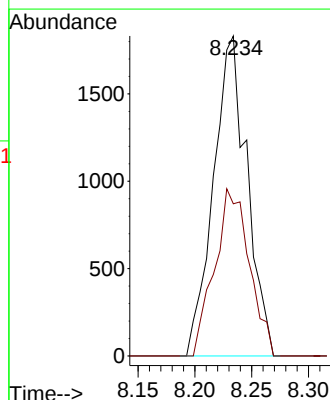
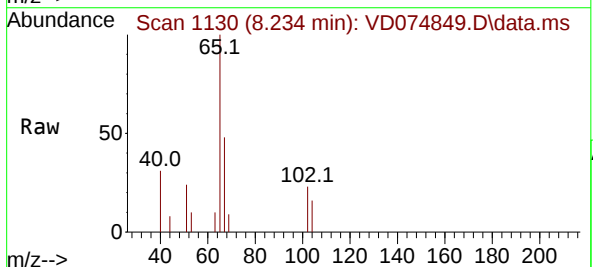
Instrument :
MSVOA_D
ClientSampleId :
TP-8

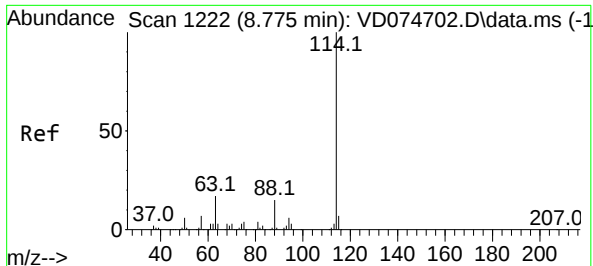
Tgt Ion:168 Resp: 3210
Ion Ratio Lower Upper
168 100
99 50.7 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 148.247 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074849.D
Acq: 10 Nov 2022 02:42

Tgt Ion: 65 Resp: 3769
Ion Ratio Lower Upper
65 100
67 54.1 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: VD074849.D

Acq: 10 Nov 2022 02:42

Instrument :

MSVOA_D

ClientSampleId :

TP-8

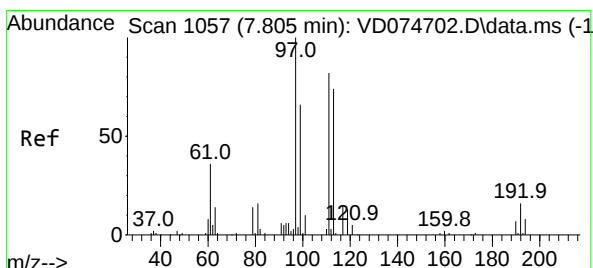
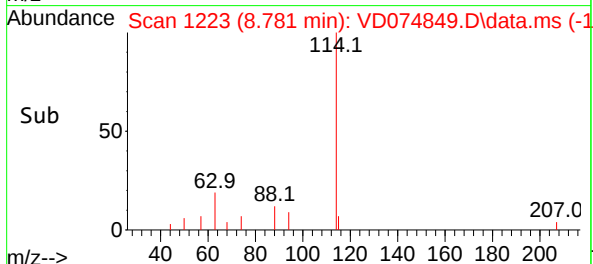
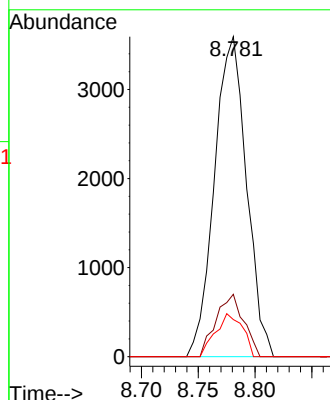
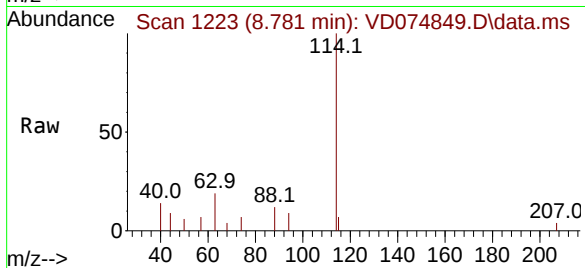
Tgt Ion:114 Resp: 7056

Ion Ratio Lower Upper

114 100

63 19.5 0.0 33.2

88 11.6 0.0 28.2



#35

Dibromofluoromethane

Concen: 76.739 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD074849.D

Acq: 10 Nov 2022 02:42

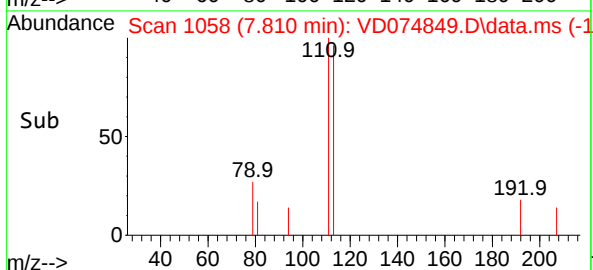
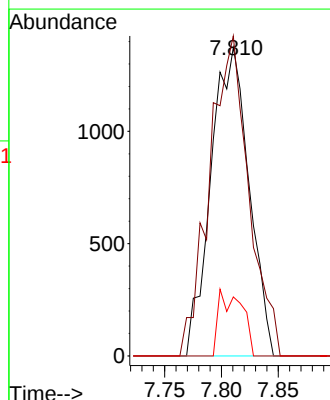
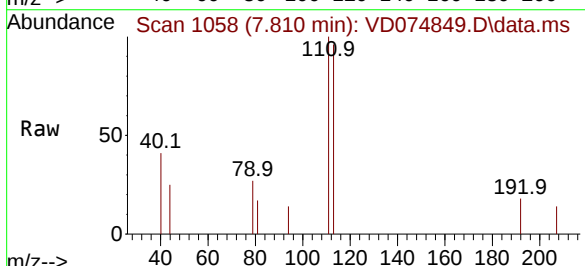
Tgt Ion:113 Resp: 3203

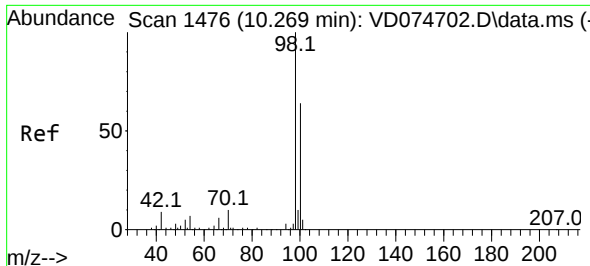
Ion Ratio Lower Upper

113 100

111 106.8 82.3 123.5

192 13.1 16.4 24.6#

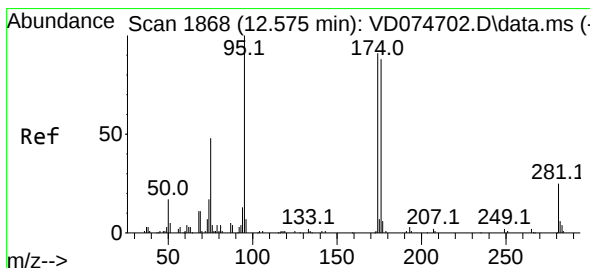
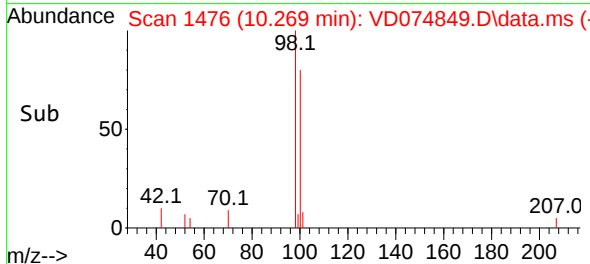
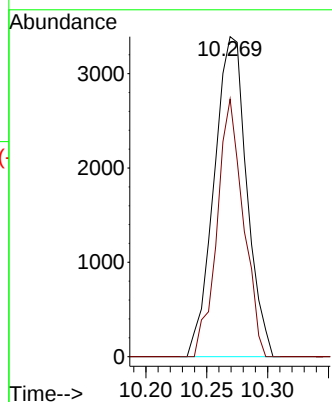
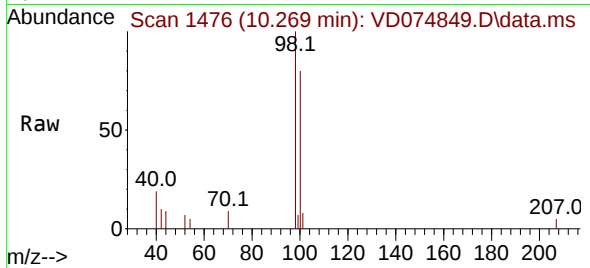




#50
Toluene-d8
Concen: 41.655 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074849.D
Acq: 10 Nov 2022 02:42

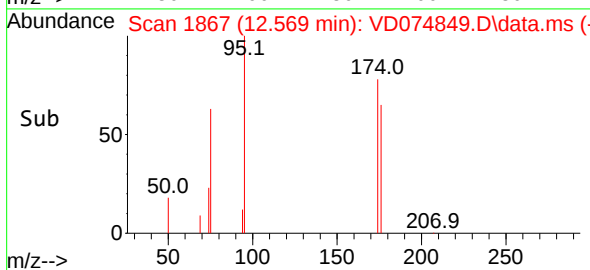
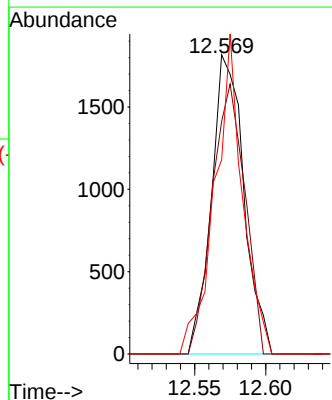
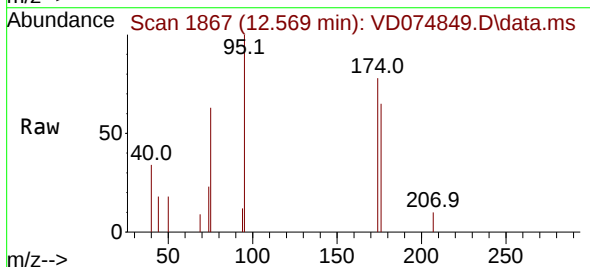
Instrument :
MSVOA_D
ClientSampleId :
TP-8

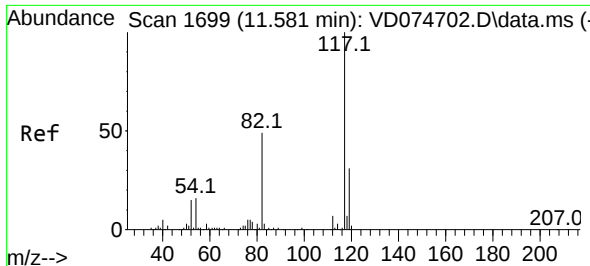
Tgt Ion: 98 Resp: 6342
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 65.582 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD074849.D
Acq: 10 Nov 2022 02:42

Tgt Ion: 95 Resp: 2883
Ion Ratio Lower Upper
95 100
174 91.2 0.0 197.0
176 91.3 0.0 182.6

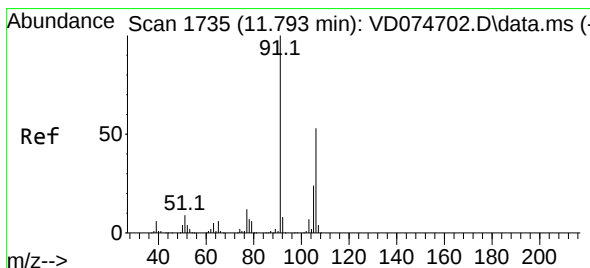
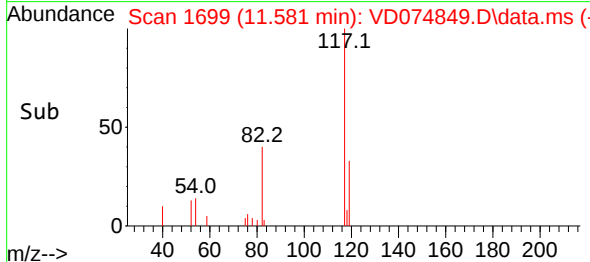
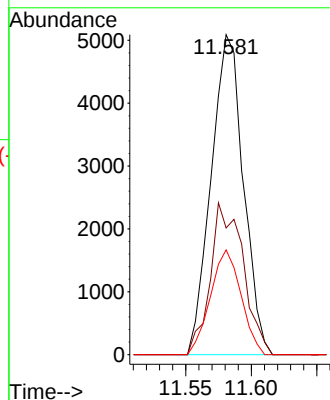
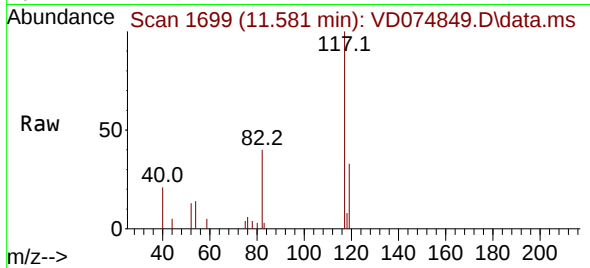




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074849.D
Acq: 10 Nov 2022 02:42

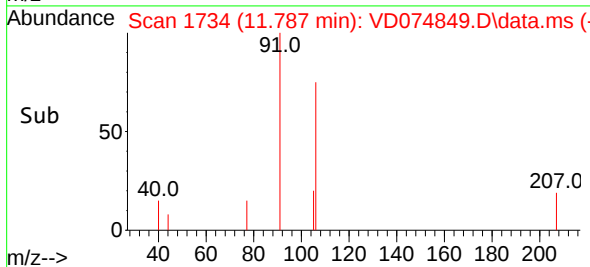
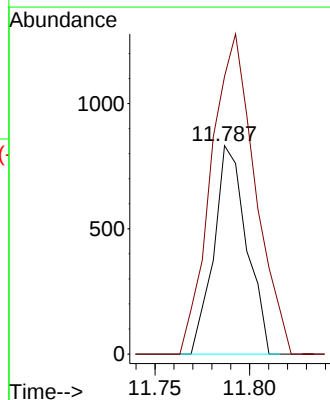
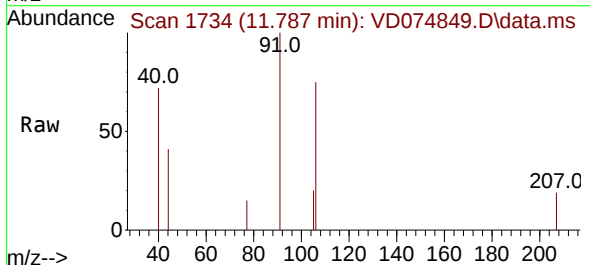
Instrument :
MSVOA_D
ClientSampleId :
TP-8

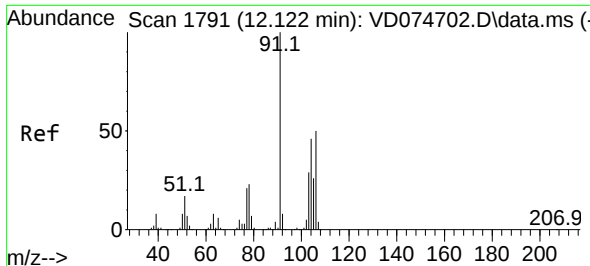
Tgt Ion:117 Resp: 8702
Ion Ratio Lower Upper
117 100
82 39.6 41.6 62.4#
119 32.8 25.2 37.8



#68
m/p-Xylenes
Concen: 8.281 ug/l
RT: 11.787 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VD074849.D
Acq: 10 Nov 2022 02:42

Tgt Ion:106 Resp: 1004
Ion Ratio Lower Upper
106 100
91 205.9 156.2 234.4

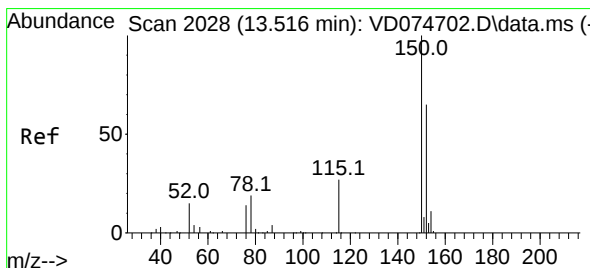
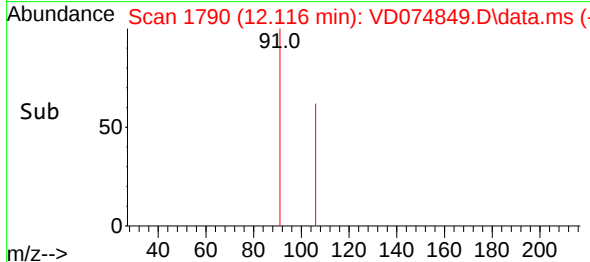
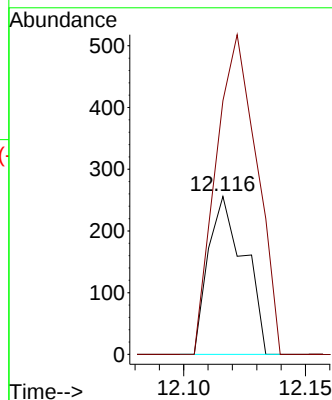
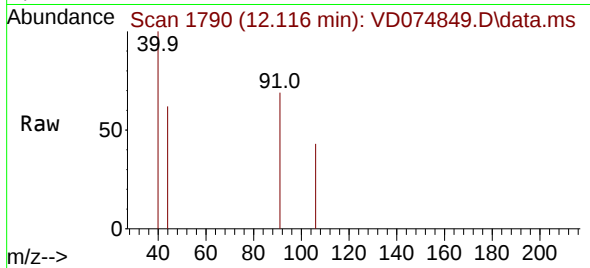




#69
o-Xylene
Concen: 2.369 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD074849.D
Acq: 10 Nov 2022 02:42

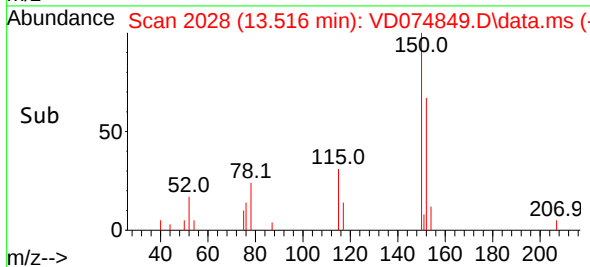
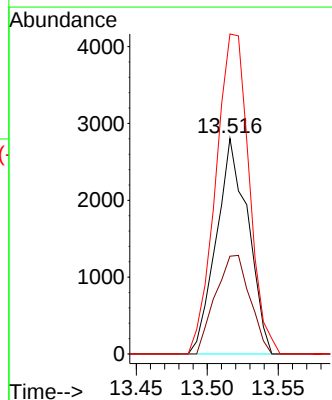
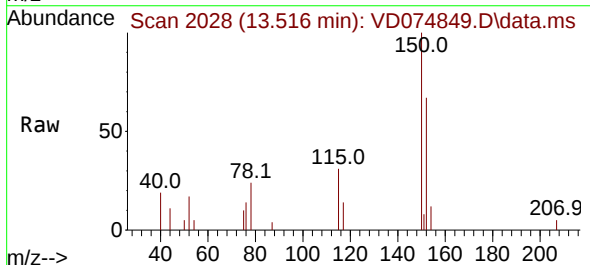
Instrument :
MSVOA_D
ClientSampleId :
TP-8

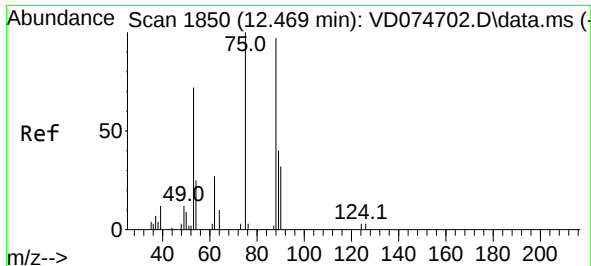
Tgt Ion:106 Resp: 264
Ion Ratio Lower Upper
106 100
91 229.9 104.5 313.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD074849.D
Acq: 10 Nov 2022 02:42

Tgt Ion:152 Resp: 4355
Ion Ratio Lower Upper
152 100
115 49.7 26.8 80.4
150 156.3 0.0 348.2

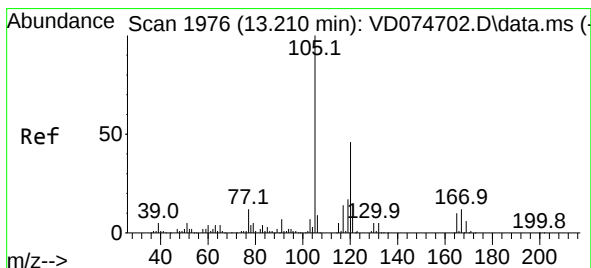
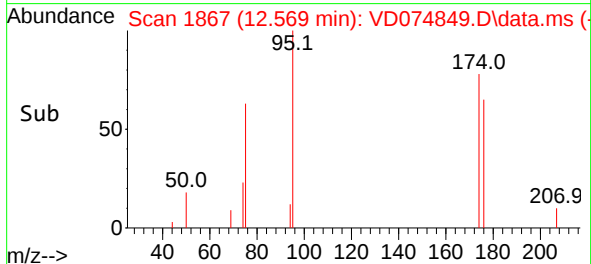
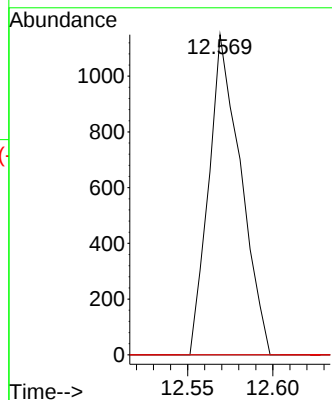
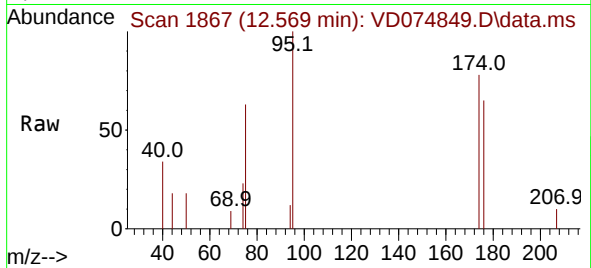




#81
trans-1,4-Dichloro-2-butene
Concen: 105.609 ug/l
RT: 12.569 min Scan# 1850
Delta R.T. 0.100 min
Lab File: VD074849.D
Acq: 10 Nov 2022 02:42

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion: 75 Resp: 1502
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#



#84
1,2,4-Trimethylbenzene
Concen: 5.298 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD074849.D
Acq: 10 Nov 2022 02:42

Tgt Ion: 105 Resp: 1357
Ion Ratio Lower Upper
105 100
120 41.3 22.9 68.7

