

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092122\
 Data File : VD074390.D
 Acq On : 21 Sep 2022 15:42
 Operator : VA/SY
 Sample : N4668-03RE
 Misc : 5.85G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 D22006-5.5RE

Quant Time: Sep 22 05:12:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 17 04:16:54 2022
 Response via : Initial Calibration

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

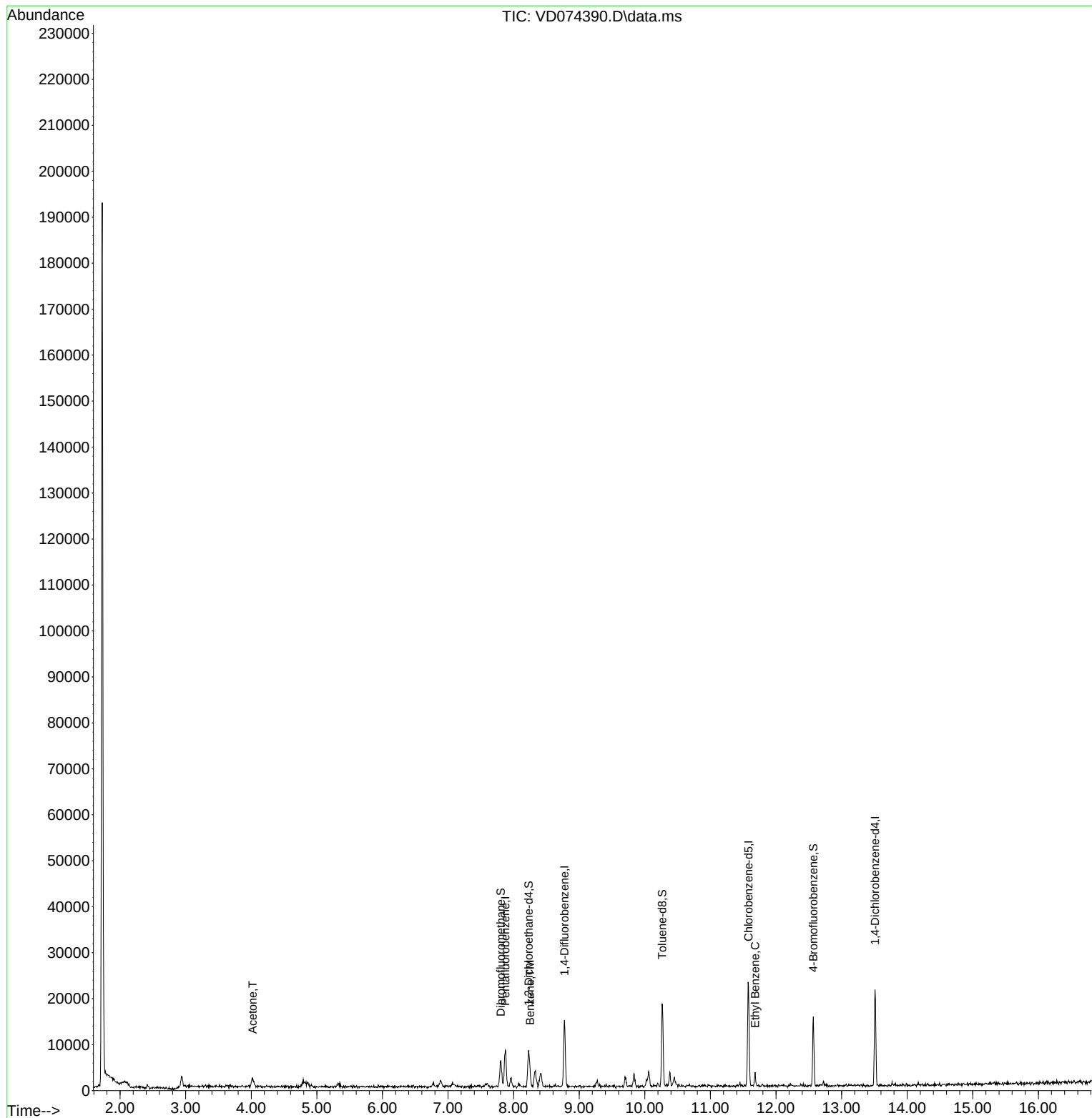
Internal Standards						
1) Pentafluorobenzene	7.875	168	6267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	12889	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	12459	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	6282	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	5740	94.034	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 188.060%#	
35) Dibromofluoromethane	7.805	113	4178	49.218	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.440%	
50) Toluene-d8	10.263	98	12471	42.577	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 85.160%	
62) 4-Bromofluorobenzene	12.569	95	4547	45.265	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.540%	
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	3125	227.237	ug/l #	75
40) Benzene	8.252	78	2220	6.110	ug/l	96
67) Ethyl Benzene	11.681	91	2456	5.216	ug/l #	68

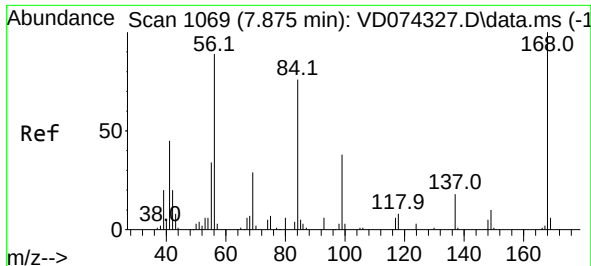
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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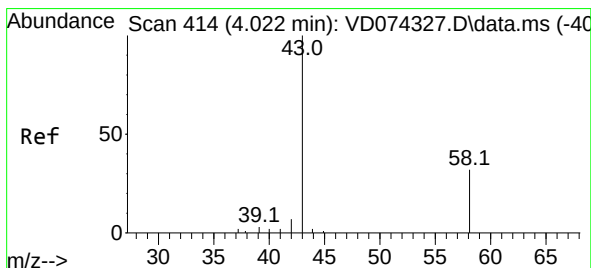
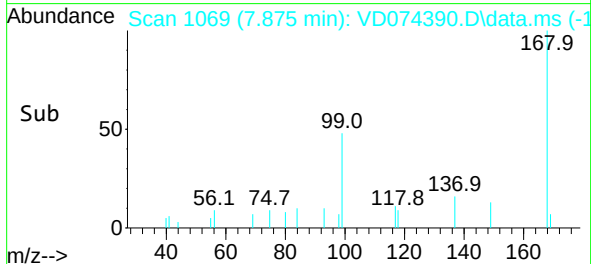
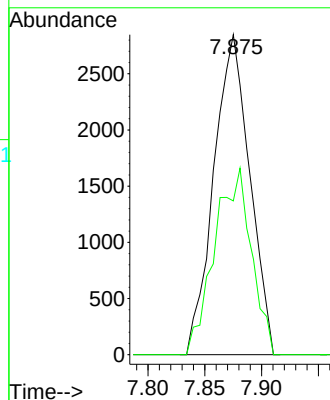
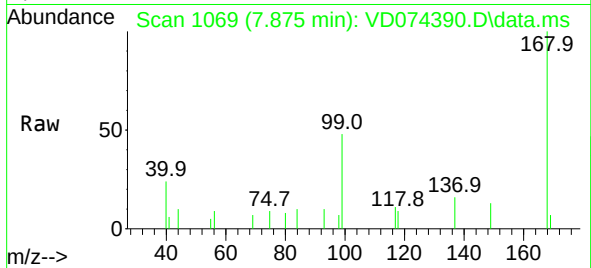




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074390.D
Acq: 21 Sep 2022 15:42

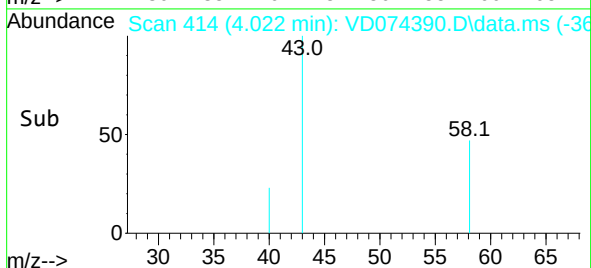
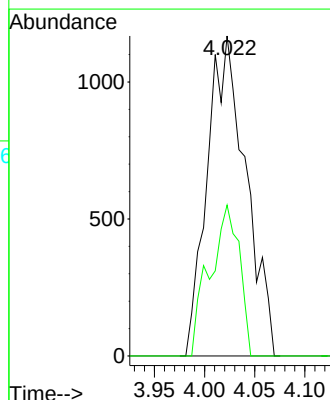
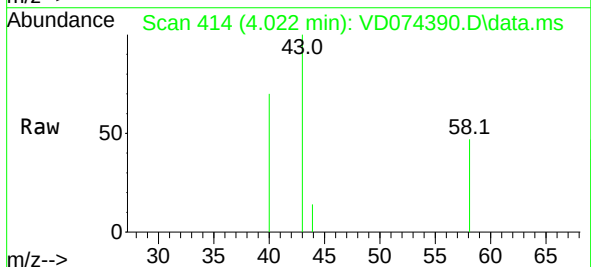
Instrument :
MSVOA_D
ClientSampleId :
D22006-5.5RE

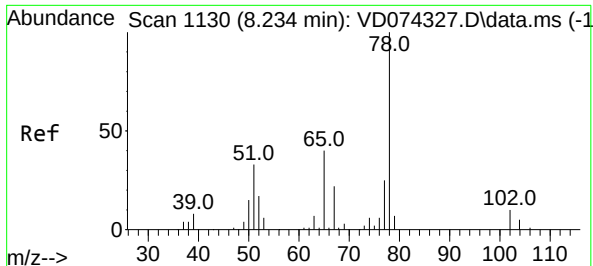
Tgt Ion:168 Resp: 6267
Ion Ratio Lower Upper
168 100
99 48.1 43.0 64.6



#16
Acetone
Concen: 227.237 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD074390.D
Acq: 21 Sep 2022 15:42

Tgt Ion: 43 Resp: 3125
Ion Ratio Lower Upper
43 100
58 47.2 26.4 39.6#





#33

1,2-Dichloroethane-d4

Concen: 94.034 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD074390.D

Acq: 21 Sep 2022 15:42

Instrument :

MSVOA_D

ClientSampleId :

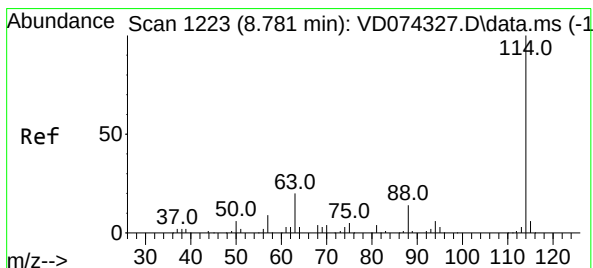
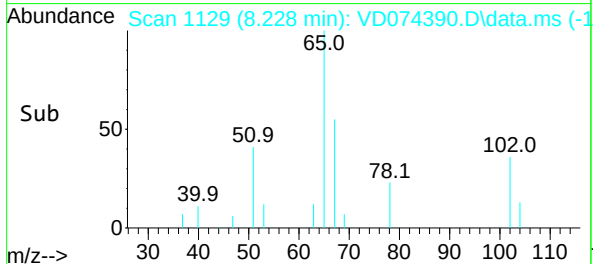
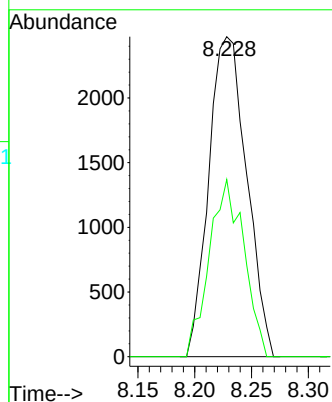
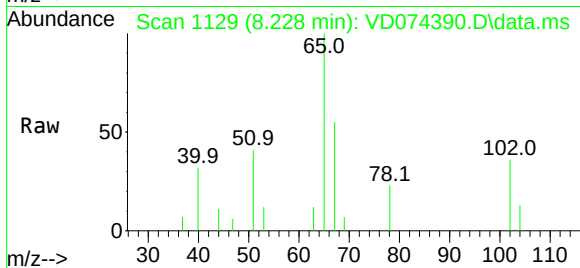
D22006-5.5RE

Tgt Ion: 65 Resp: 5740

Ion Ratio Lower Upper

65 100

67 50.5 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD074390.D

Acq: 21 Sep 2022 15:42

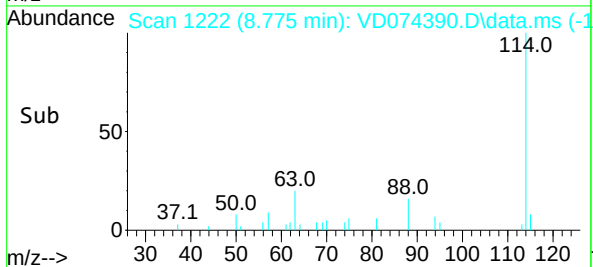
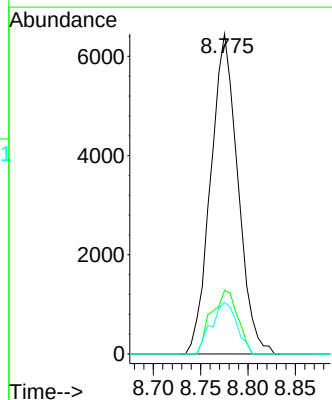
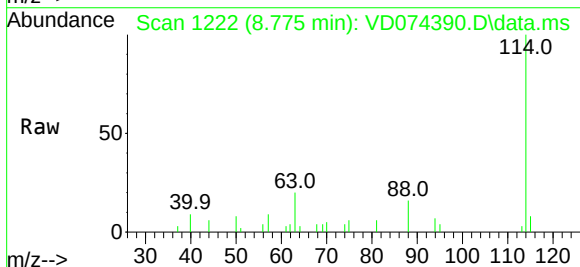
Tgt Ion: 114 Resp: 12889

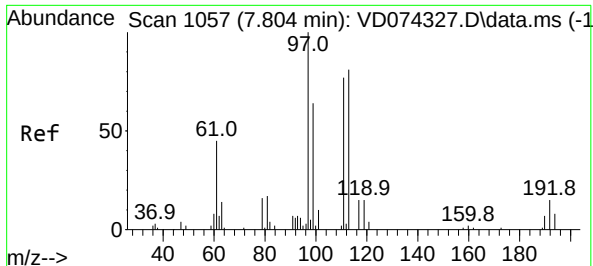
Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.6

88 16.1 0.0 28.4





#35

Dibromofluoromethane

Concen: 49.218 ug/l

RT: 7.805 min Scan# 1107

Delta R.T. 0.001 min

Lab File: VD074390.D

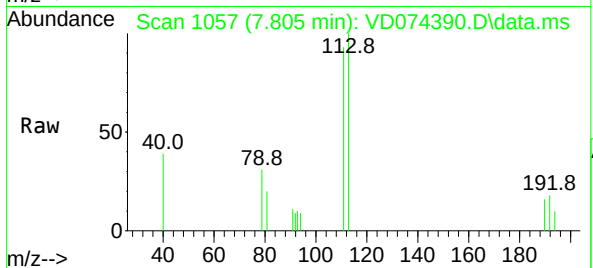
Acq: 21 Sep 2022 15:42

Instrument :

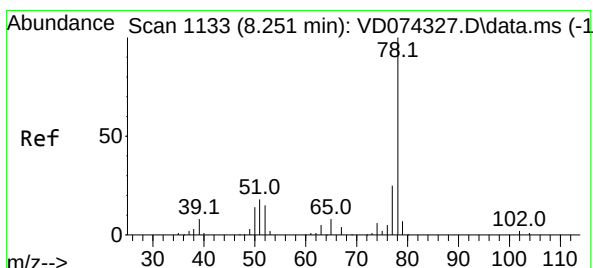
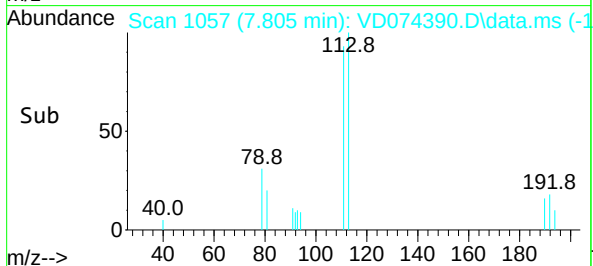
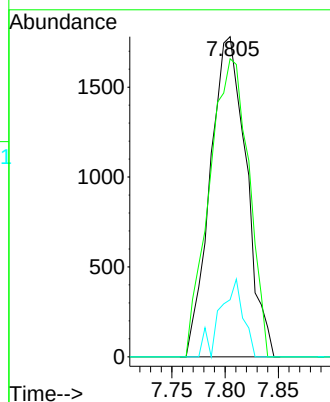
MSVOA_D

ClientSampleId :

D22006-5.5RE



Tgt Ion:113	Resp:	4178
Ion	Ratio	Lower Upper
113	100	
111	102.0	83.0 124.6
192	15.5	16.2 24.2#



#40

Benzene

Concen: 6.110 ug/l

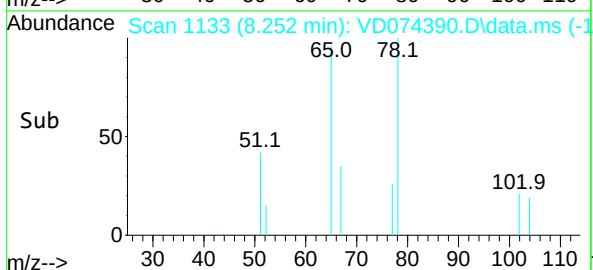
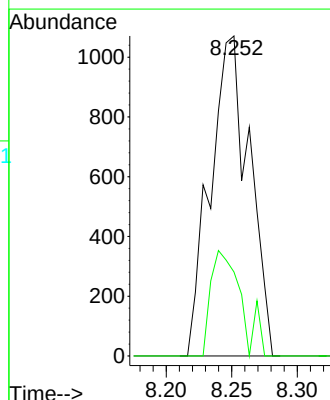
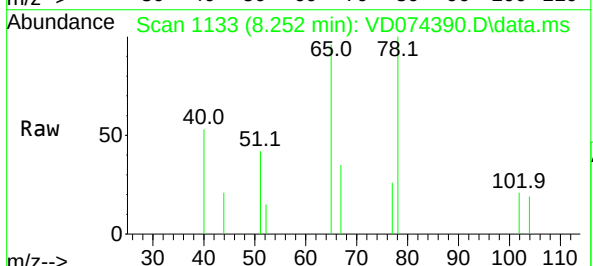
RT: 8.252 min Scan# 1133

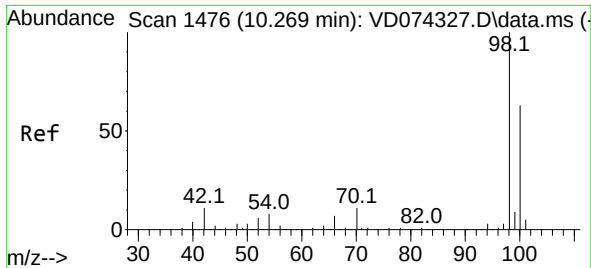
Delta R.T. 0.001 min

Lab File: VD074390.D

Acq: 21 Sep 2022 15:42

Tgt Ion: 78	Resp:	2220
Ion	Ratio	Lower Upper
78	100	
77	26.2	19.4 29.2

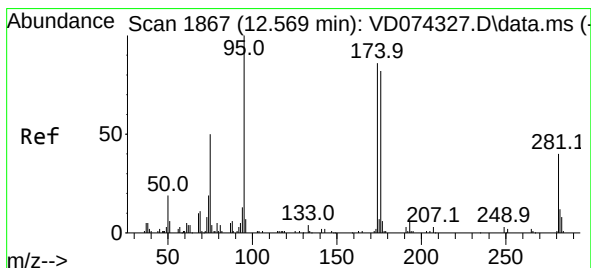
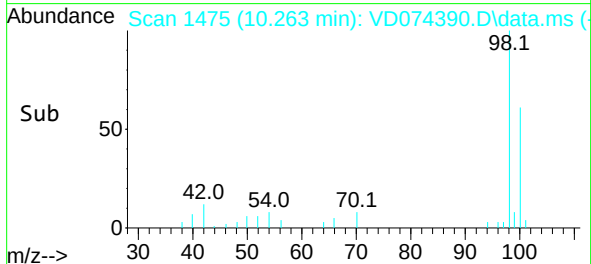
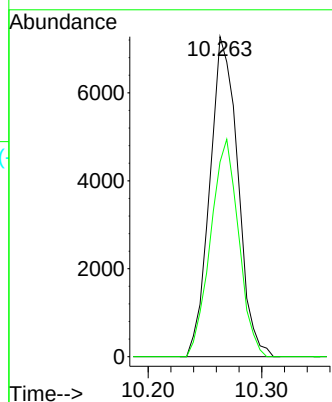
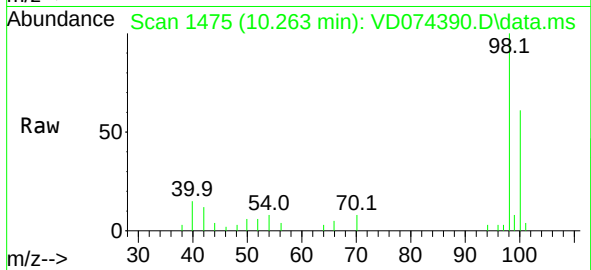




#50
Toluene-d8
Concen: 42.577 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VD074390.D
Acq: 21 Sep 2022 15:42

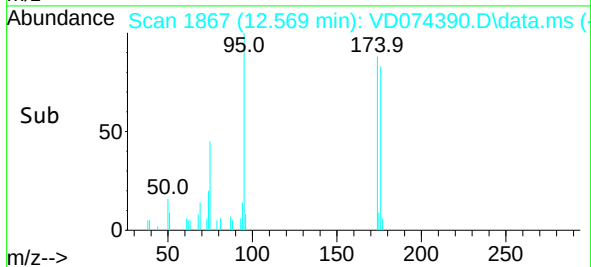
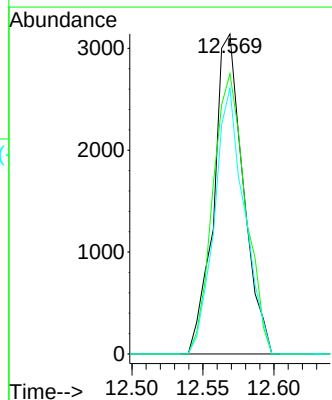
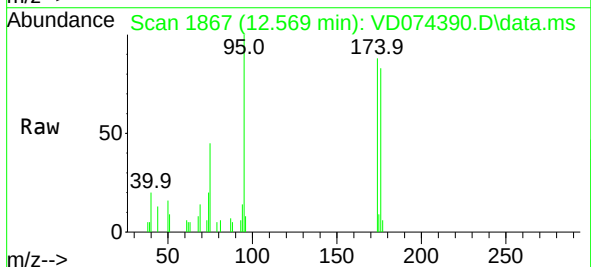
Instrument :
MSVOA_D
ClientSampleId :
D22006-5.5RE

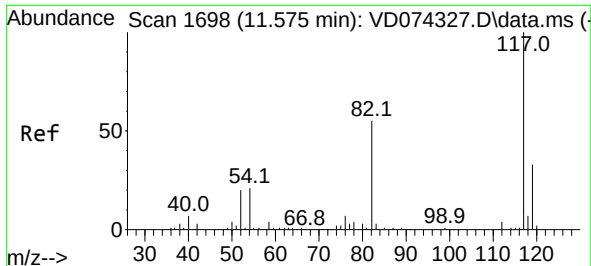
Tgt Ion: 98 Resp: 12471
Ion Ratio Lower Upper
98 100
100 68.0 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 45.265 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074390.D
Acq: 21 Sep 2022 15:42

Tgt Ion: 95 Resp: 4547
Ion Ratio Lower Upper
95 100
174 96.7 0.0 179.2
176 84.6 0.0 171.4

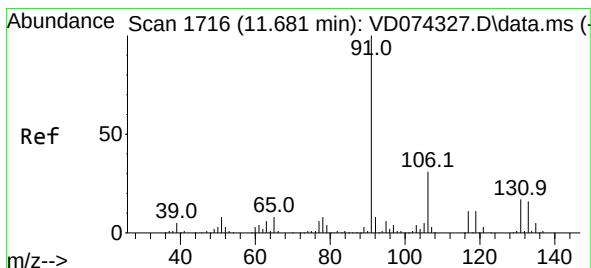
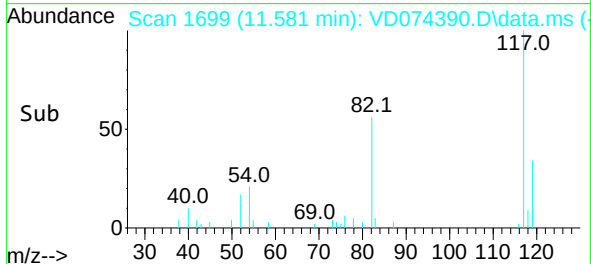
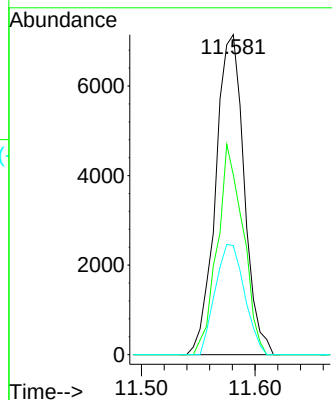
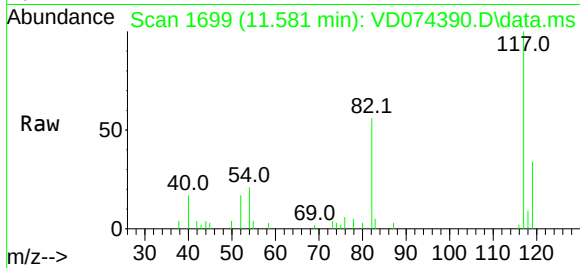




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VD074390.D
Acq: 21 Sep 2022 15:42

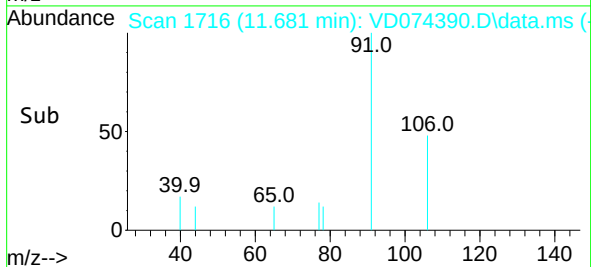
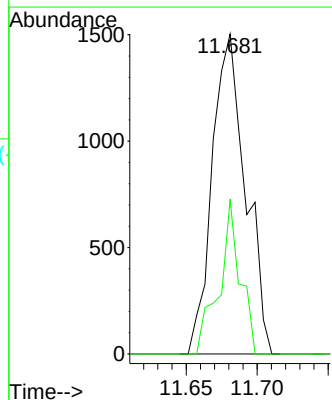
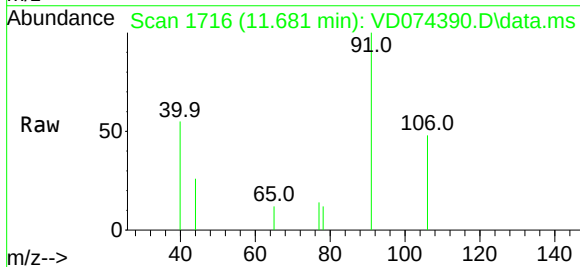
Instrument :
MSVOA_D
ClientSampleId :
D22006-5.5RE

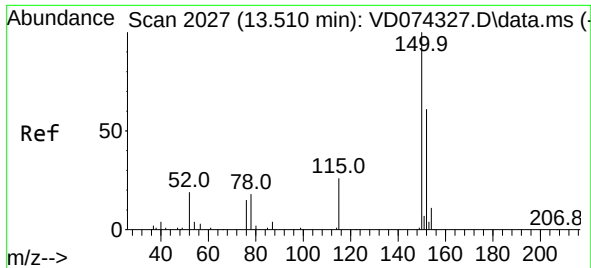
Tgt Ion:117 Resp: 12459
Ion Ratio Lower Upper
117 100
82 56.2 44.2 66.2
119 34.1 25.4 38.0



#67
Ethyl Benzene
Concen: 5.216 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD074390.D
Acq: 21 Sep 2022 15:42

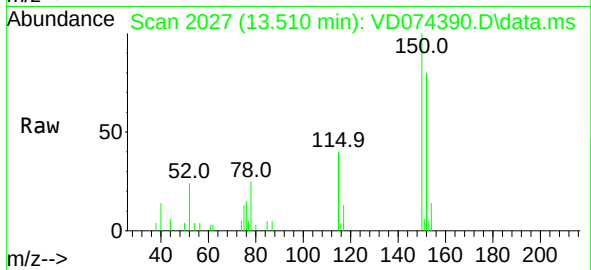
Tgt Ion: 91 Resp: 2456
Ion Ratio Lower Upper
91 100
106 48.3 24.8 37.2#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.510 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD074390.D
 Acq: 21 Sep 2022 15:42

Instrument :
 MSVOA_D
 ClientSampleId :
 D22006-5.5RE



Tgt Ion:	152	Resp:	6282
Ion Ratio	Lower	Upper	
152	100		
115	52.2	28.4	85.2
150	150.6	0.0	351.0

