

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092122\
 Data File : VD074392.D
 Acq On : 21 Sep 2022 16:39
 Operator : VA/SY
 Sample : N4668-10RE
 Misc : 5.69G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 D22016-13.5RE

Quant Time: Sep 22 05:13:04 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)

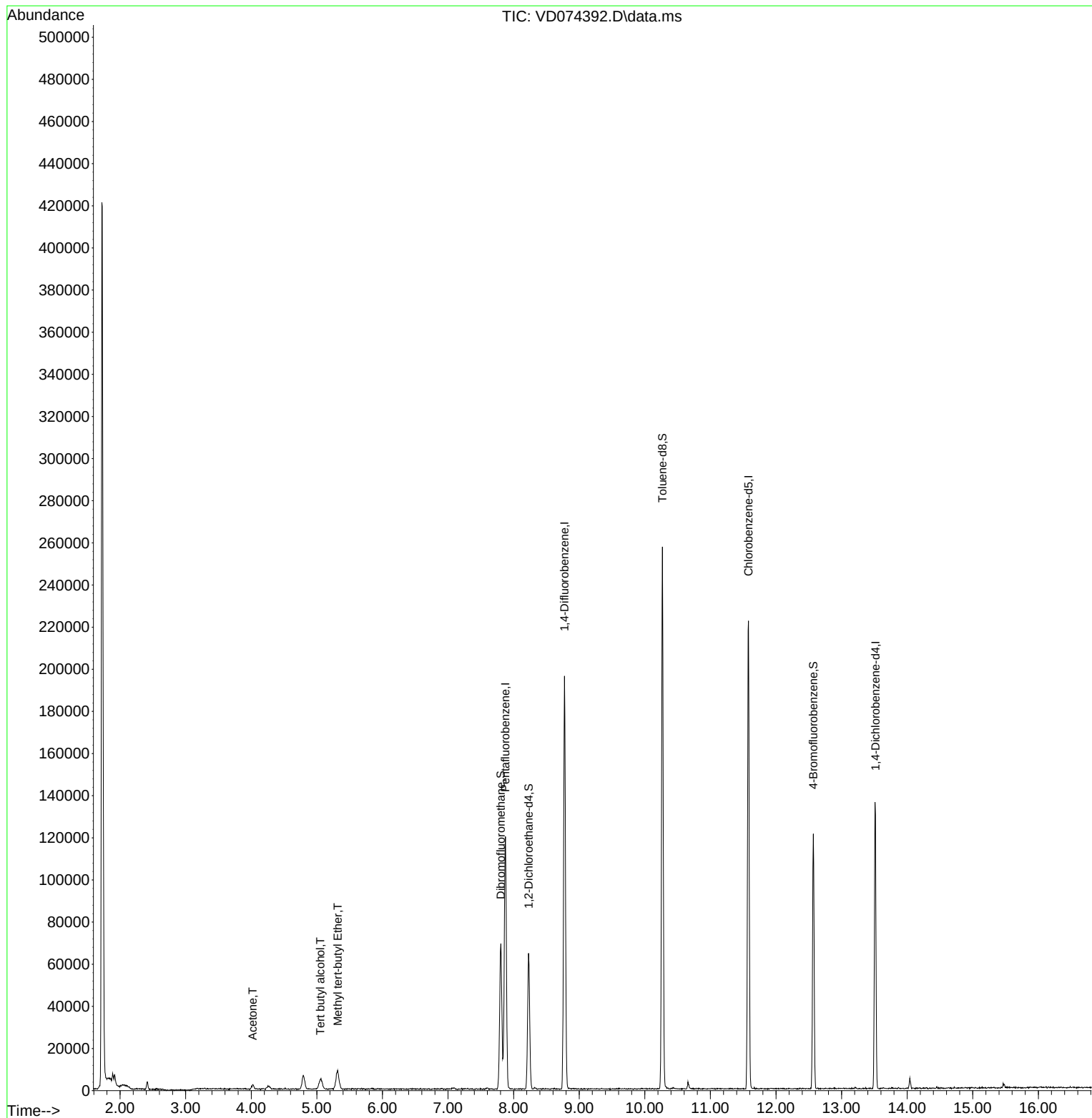
Internal Standards						
1) Pentafluorobenzene	7.875	168	93346	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	171094	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	129072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	38241	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	48552	53.400	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	106.800%	
35) Dibromofluoromethane	7.805	113	49058	43.536	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	87.080%	
50) Toluene-d8	10.269	98	172652	44.405	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	88.800%	
62) 4-Bromofluorobenzene	12.569	95	36350	24.693	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	49.380%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.052	59	10036	163.336	ug/l #	95
16) Acetone	4.022	43	3394	16.569	ug/l	96
19) Methyl tert-butyl Ether	5.316	73	14846	6.926	ug/l #	82

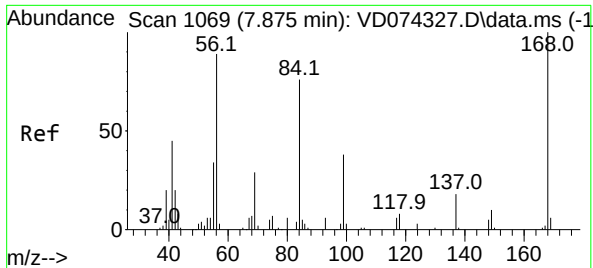
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092122\
Data File : VD074392.D
Acq On : 21 Sep 2022 16:39
Operator : VA/SY
Sample : N4668-10RE
Misc : 5.69G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
D22016-13.5RE

Quant Time: Sep 22 05:13:04 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

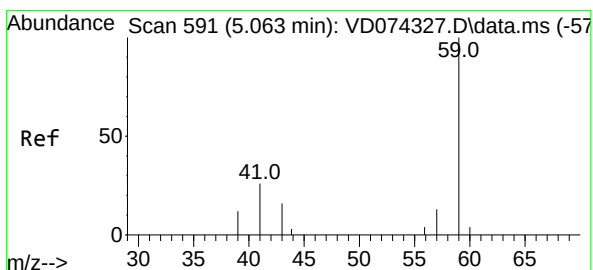
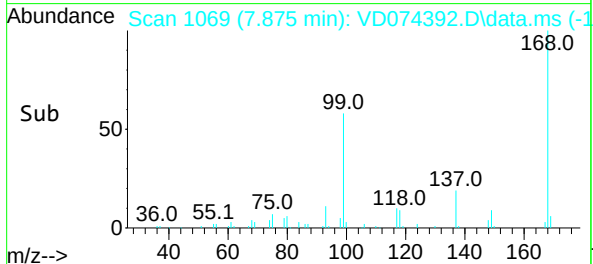
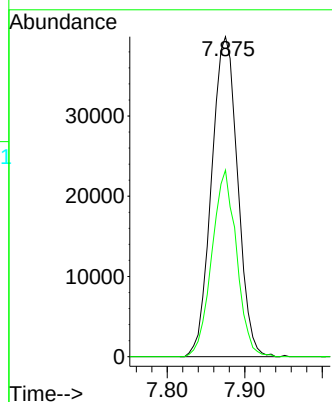
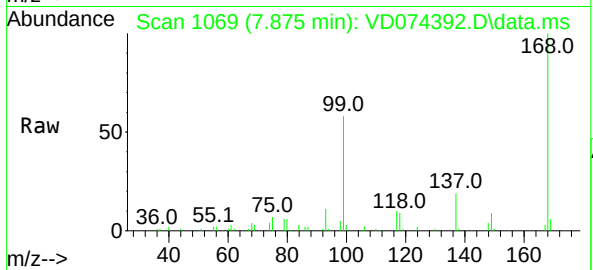




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074392.D
Acq: 21 Sep 2022 16:39

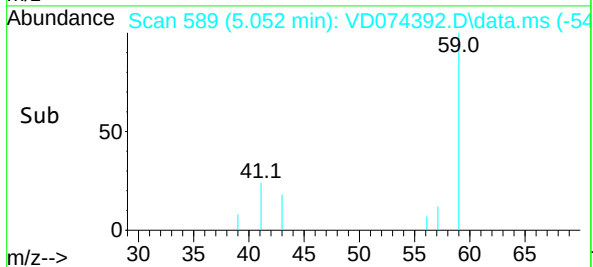
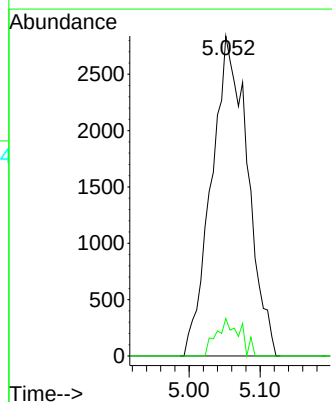
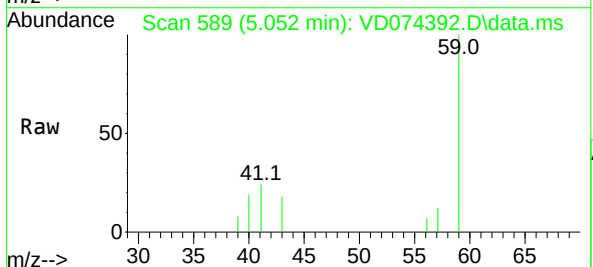
Instrument :
MSVOA_D
ClientSampleId :
D22016-13.5RE

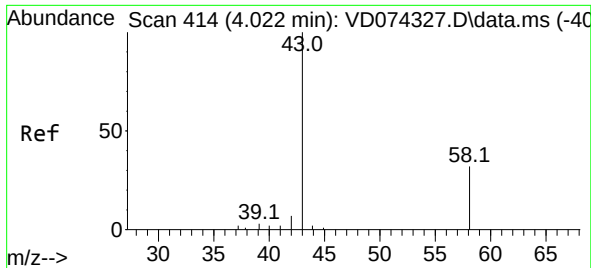
Tgt Ion:168 Resp: 93346
Ion Ratio Lower Upper
168 100
99 58.3 43.0 64.6



#11
Tert butyl alcohol
Concen: 163.336 ug/l
RT: 5.052 min Scan# 589
Delta R.T. -0.011 min
Lab File: VD074392.D
Acq: 21 Sep 2022 16:39

Tgt Ion: 59 Resp: 10036
Ion Ratio Lower Upper
59 100
57 7.6 7.7 11.5#

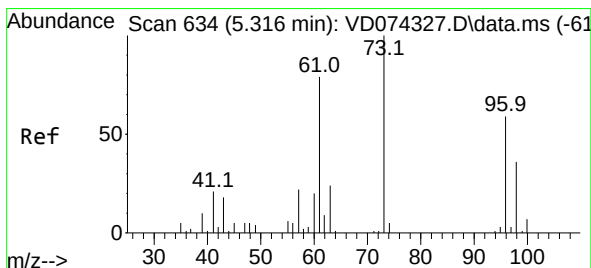
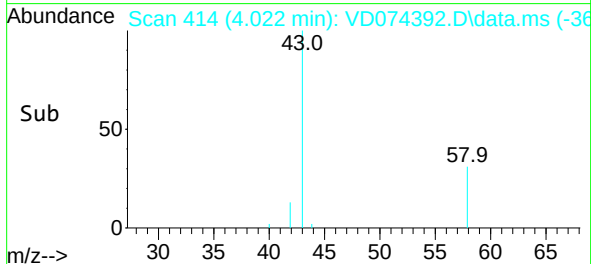
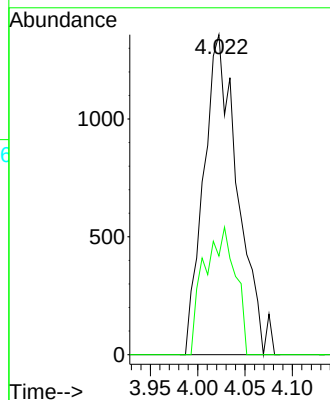
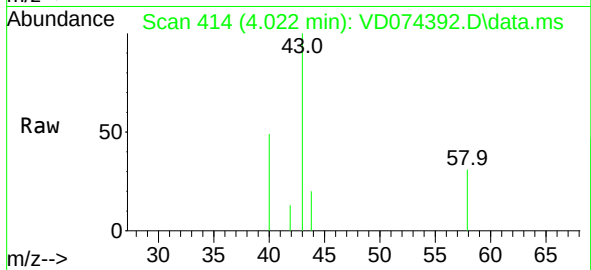




#16
Acetone
Concen: 16.569 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD074392.D
Acq: 21 Sep 2022 16:39

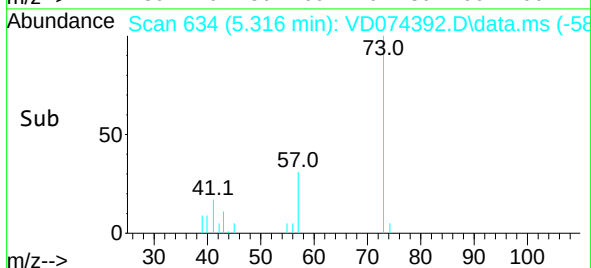
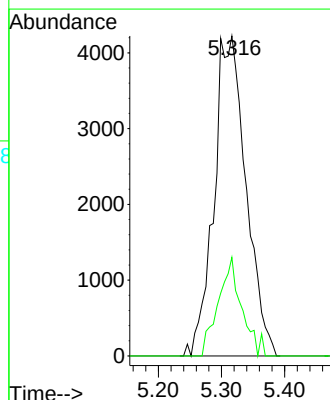
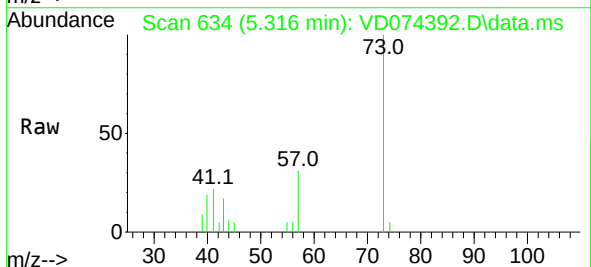
Instrument :
MSVOA_D
ClientSampleId :
D22016-13.5RE

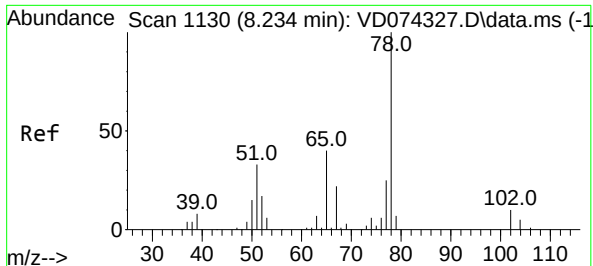
Tgt Ion: 43 Resp: 3394
Ion Ratio Lower Upper
43 100
58 30.8 26.4 39.6



#19
Methyl tert-butyl Ether
Concen: 6.926 ug/l
RT: 5.316 min Scan# 634
Delta R.T. 0.000 min
Lab File: VD074392.D
Acq: 21 Sep 2022 16:39

Tgt Ion: 73 Resp: 14846
Ion Ratio Lower Upper
73 100
57 30.8 17.8 26.6#





#33

1,2-Dichloroethane-d4

Concen: 53.400 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD074392.D

Acq: 21 Sep 2022 16:39

Instrument :

MSVOA_D

ClientSampleId :

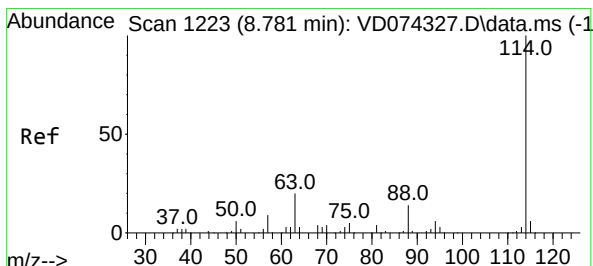
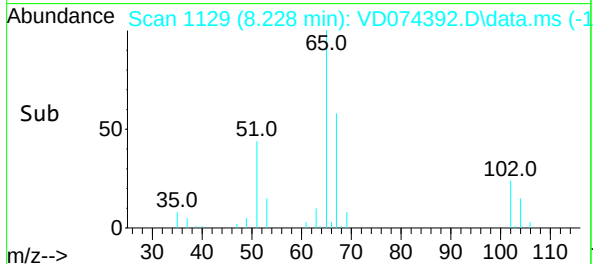
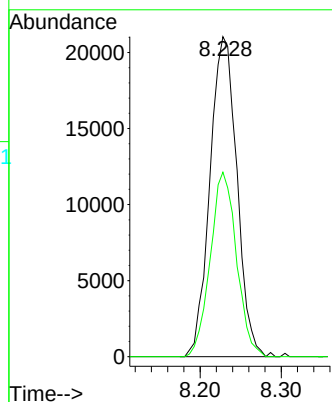
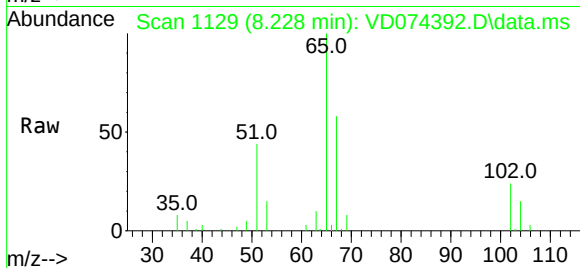
D22016-13.5RE

Tgt Ion: 65 Resp: 48552

Ion Ratio Lower Upper

65 100

67 56.0 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: VD074392.D

Acq: 21 Sep 2022 16:39

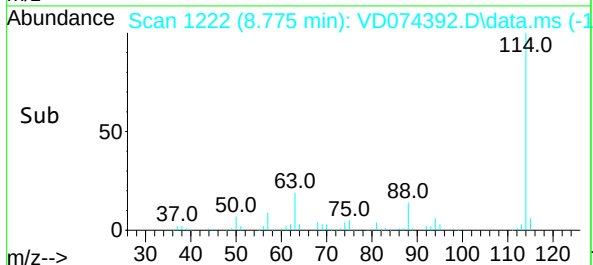
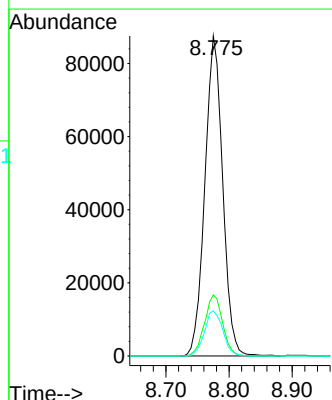
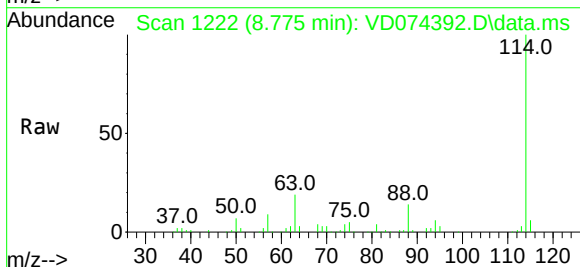
Tgt Ion: 114 Resp: 171094

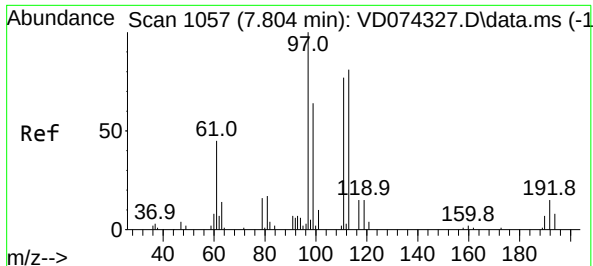
Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.6

88 14.2 0.0 28.4





#35

Dibromofluoromethane

Concen: 43.536 ug/l

RT: 7.805 min Scan# 110

Delta R.T. 0.001 min

Lab File: VD074392.D

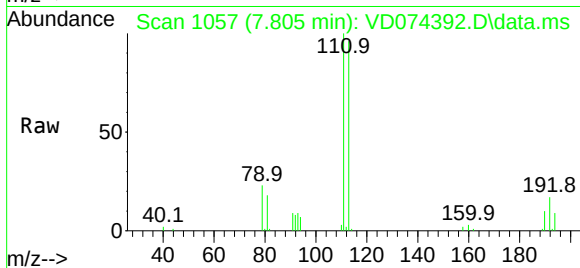
Acq: 21 Sep 2022 16:39

Instrument :

MSVOA_D

ClientSampleId :

D22016-13.5RE



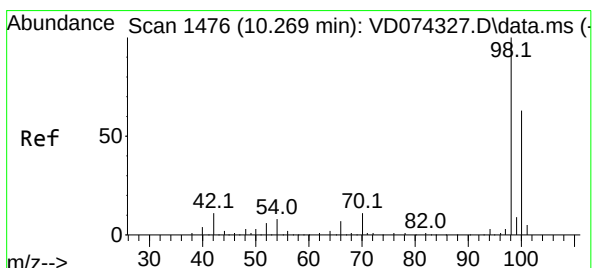
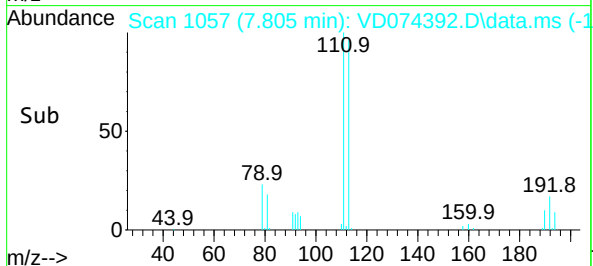
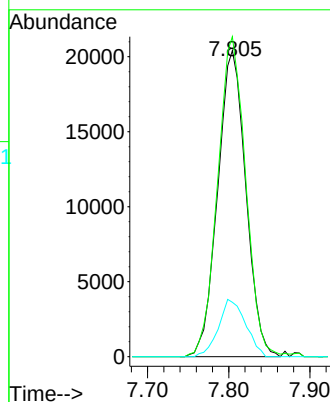
Tgt Ion:113 Resp: 49058

Ion Ratio Lower Upper

113 100

111 104.5 83.0 124.6

192 18.0 16.2 24.2



#50

Toluene-d8

Concen: 44.405 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074392.D

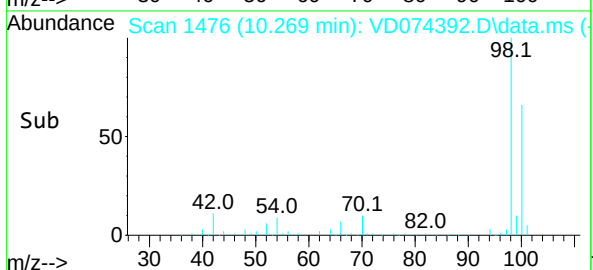
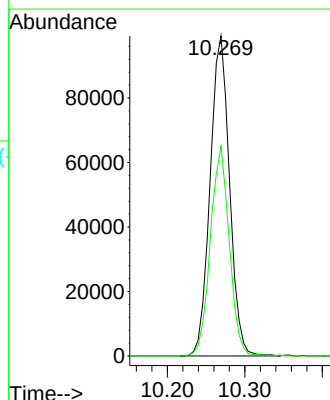
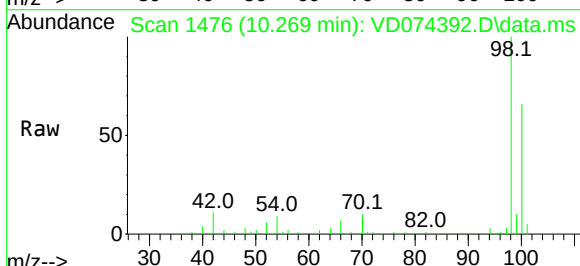
Acq: 21 Sep 2022 16:39

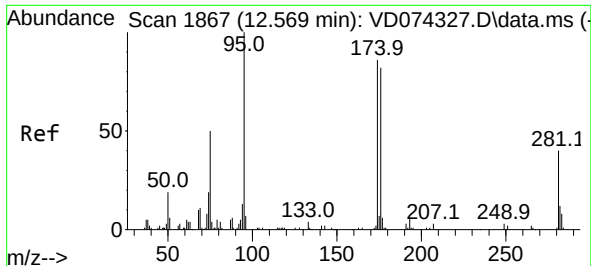
Tgt Ion: 98 Resp: 172652

Ion Ratio Lower Upper

98 100

100 63.8 51.8 77.8

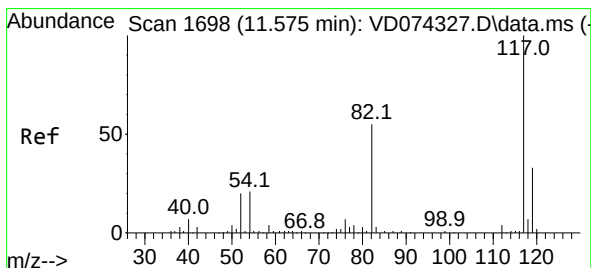
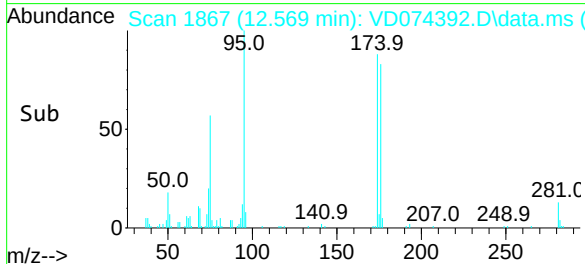
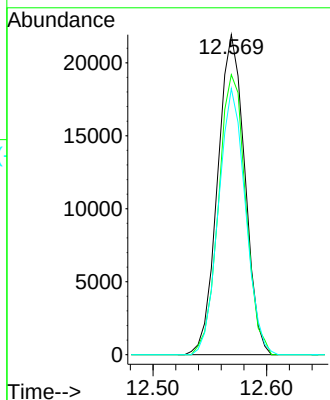
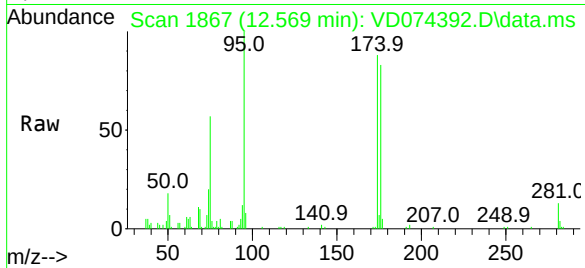




#62
4-Bromofluorobenzene
Concen: 24.693 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074392.D
Acq: 21 Sep 2022 16:39

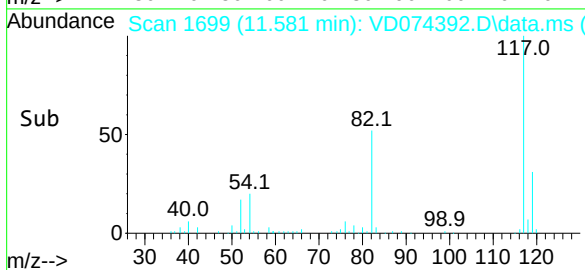
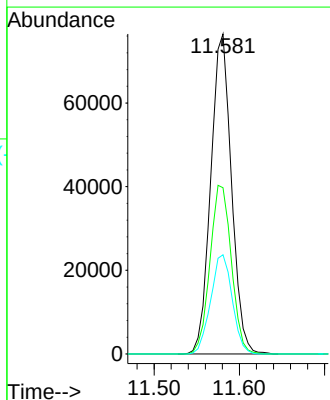
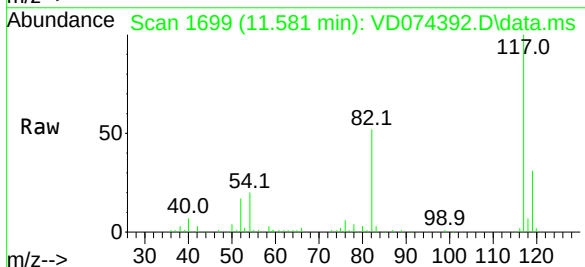
Instrument :
MSVOA_D
ClientSampleId :
D22016-13.5RE

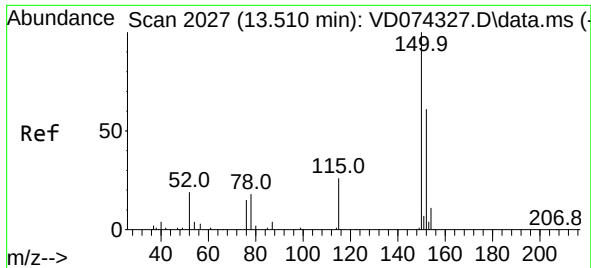
Tgt Ion: 95 Resp: 36350
Ion Ratio Lower Upper
95 100
174 87.5 0.0 179.2
176 82.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VD074392.D
Acq: 21 Sep 2022 16:39

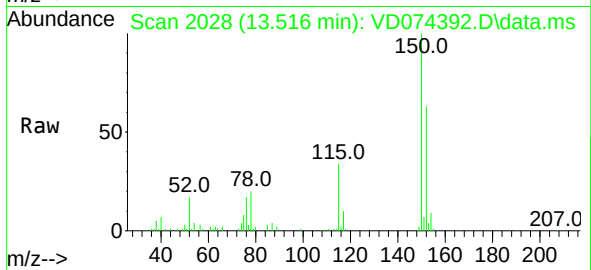
Tgt Ion: 117 Resp: 129072
Ion Ratio Lower Upper
117 100
82 52.0 44.2 66.2
119 31.0 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD074392.D
 Acq: 21 Sep 2022 16:39

Instrument :
 MSVOA_D
 ClientSampleId :
 D22016-13.5RE



Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.9	28.4	85.2
150	152.9	0.0	351.0

