

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112221\
 Data File : VU045939.D
 Acq On : 23 Nov 2021 01:45
 Operator : SY/MD
 Sample : M4775-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PK-10I-20211118

Quant Time: Nov 23 06:51:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

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

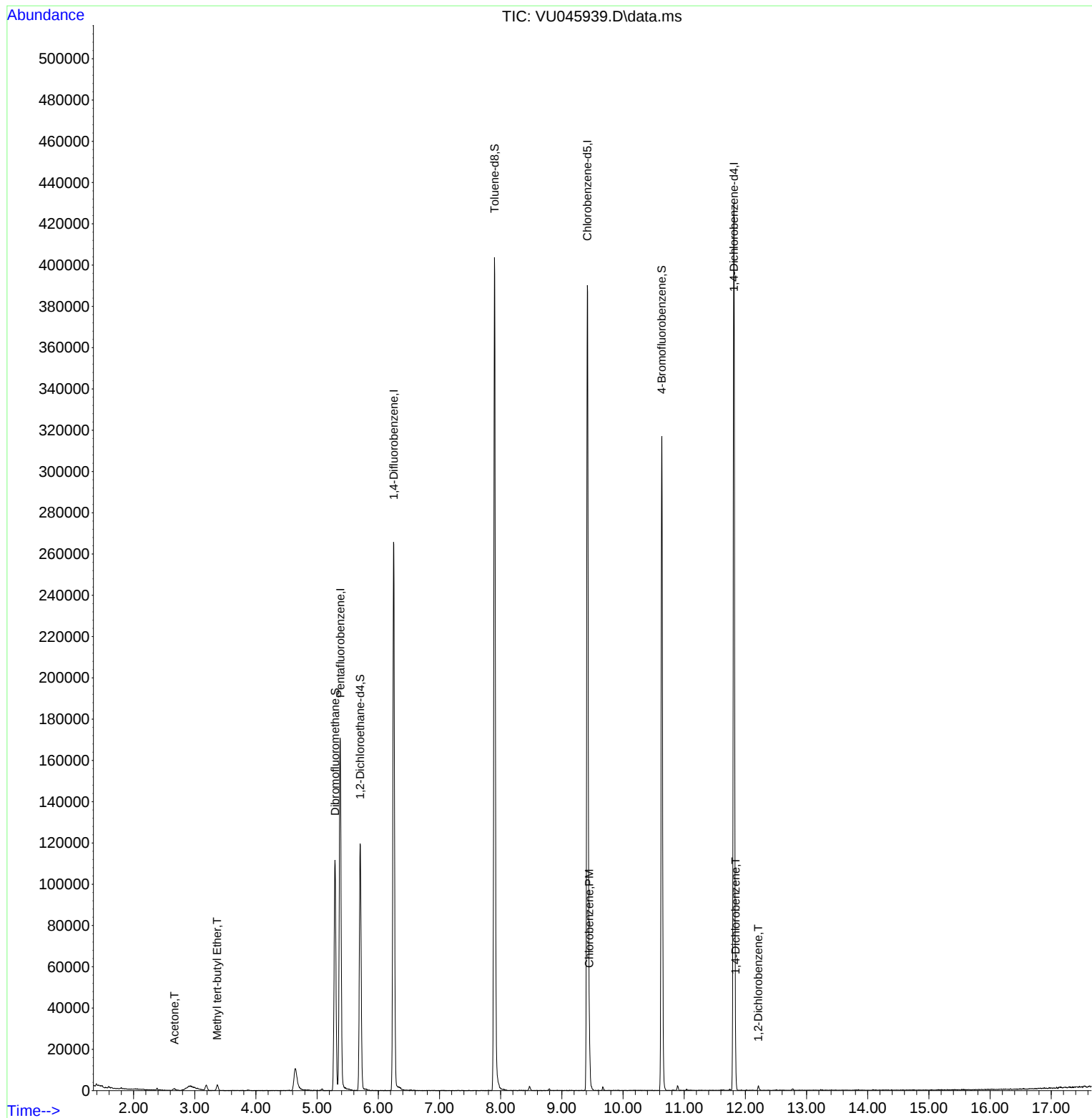
Internal Standards						
1) Pentafluorobenzene	5.379	168	117298	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	212060	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	222801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	110973	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	89943	51.201	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.400%
35) Dibromofluoromethane	5.292	113	71885	50.773	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.540%
50) Toluene-d8	7.899	98	280001	53.185	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	106.360%
62) 4-Bromofluorobenzene	10.632	95	107718	51.024	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.040%
Target Compounds						
						Qvalue
16) Acetone	2.668	43	1742	1.948	ug/l	98
19) Methyl tert-butyl Ether	3.366	73	3131	0.674	ug/l	97
65) Chlorobenzene	9.449	112	11408	2.607	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	2713	0.755	ug/l #	63
91) 1,2-Dichlorobenzene	12.211	146	1019	0.295	ug/l	92

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

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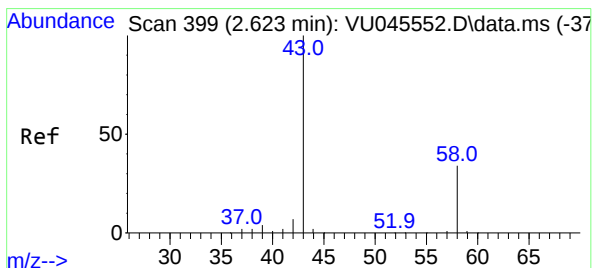
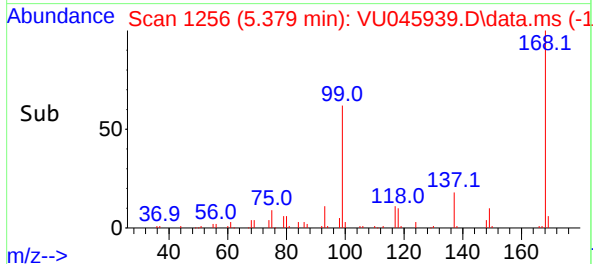
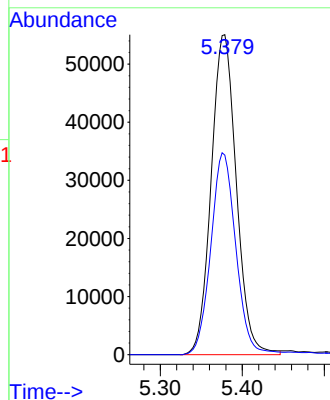
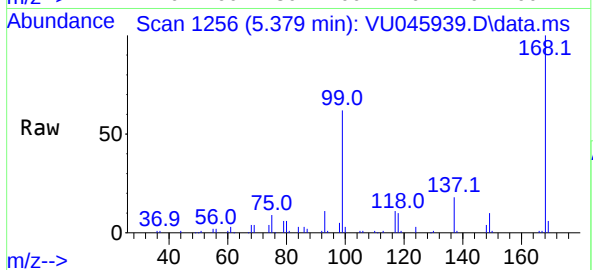




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU045939.D
Acq: 23 Nov 2021 01:45

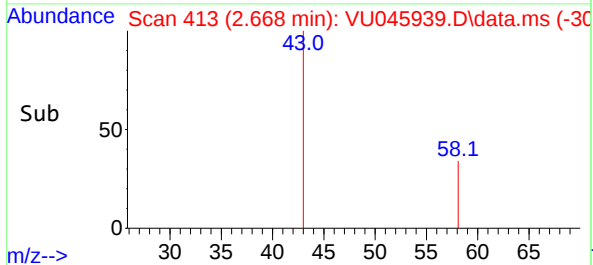
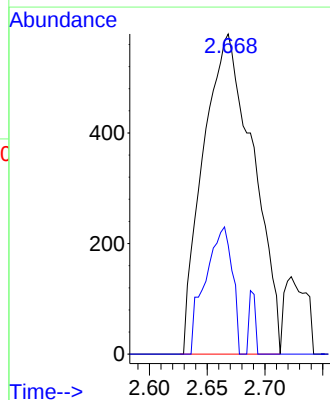
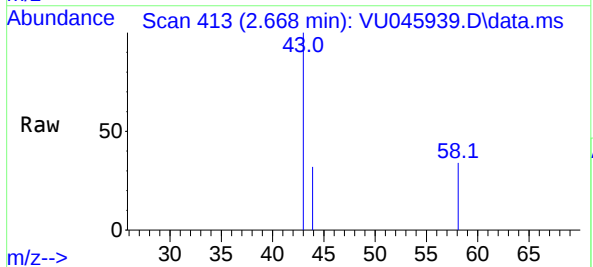
Instrument :
MSVOA_U
ClientSampleId :
PK-10I-20211118

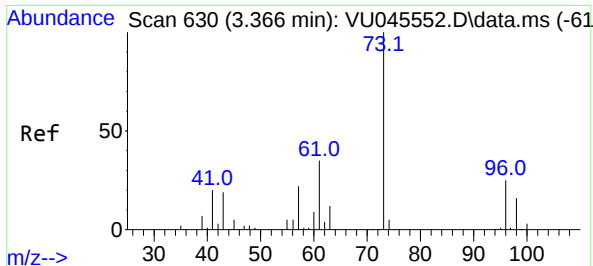
Tgt Ion:168 Resp: 117298
Ion Ratio Lower Upper
168 100
99 62.4 51.0 76.6



#16
Acetone
Concen: 1.948 ug/l
RT: 2.668 min Scan# 413
Delta R.T. 0.045 min
Lab File: VU045939.D
Acq: 23 Nov 2021 01:45

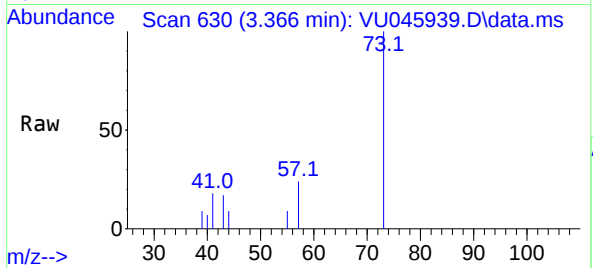
Tgt Ion: 43 Resp: 1742
Ion Ratio Lower Upper
43 100
58 34.0 26.2 39.2



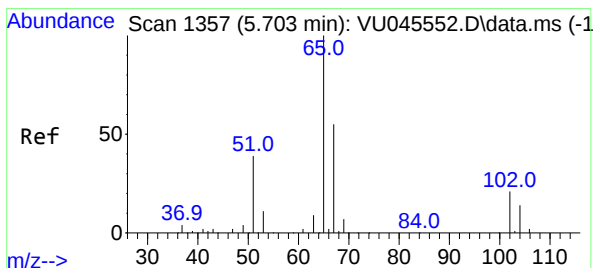
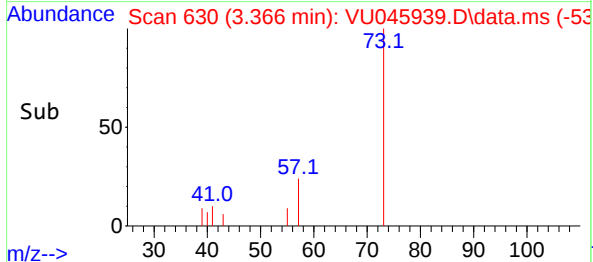
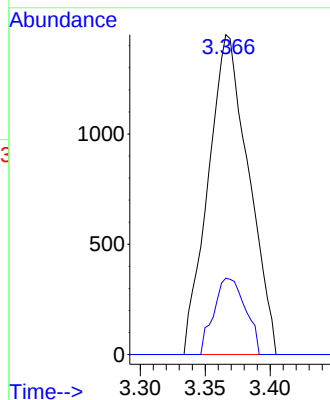


#19
Methyl tert-butyl Ether
Concen: 0.674 ug/l
RT: 3.366 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU045939.D
Acq: 23 Nov 2021 01:45

Instrument :
MSVOA_U
ClientSampleId :
PK-10I-20211118

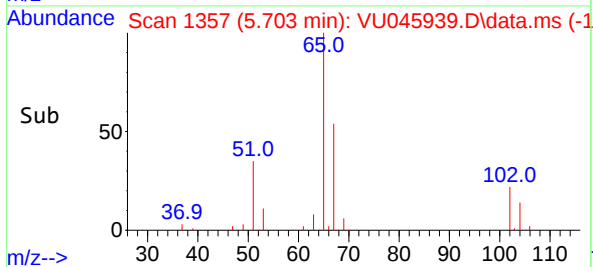
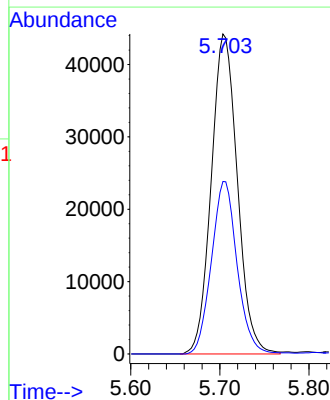
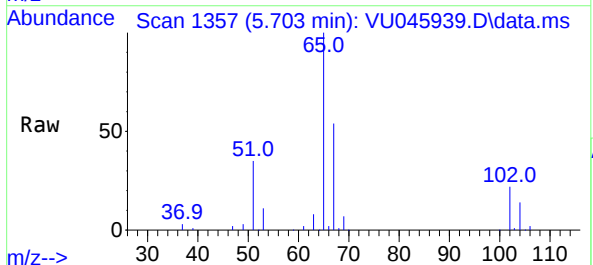


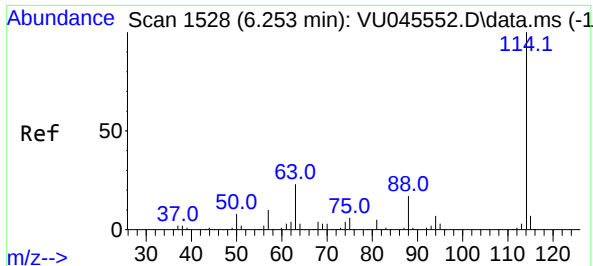
Tgt Ion: 73 Resp: 3131
Ion Ratio Lower Upper
73 100
57 23.9 18.1 27.1



#33
1,2-Dichloroethane-d4
Concen: 51.201 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. 0.000 min
Lab File: VU045939.D
Acq: 23 Nov 2021 01:45

Tgt Ion: 65 Resp: 89943
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.8

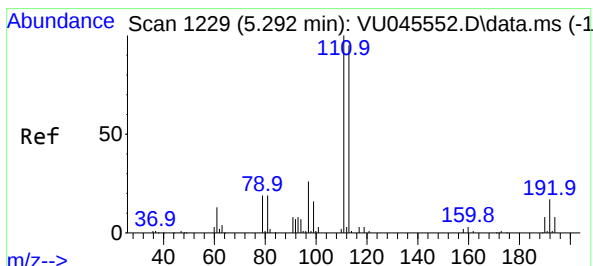
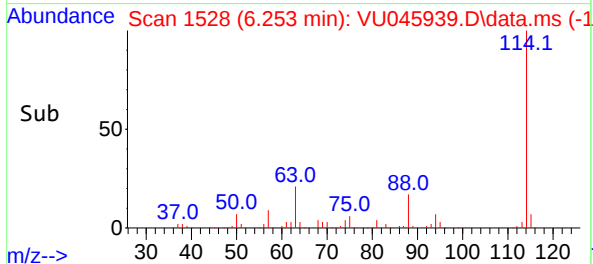
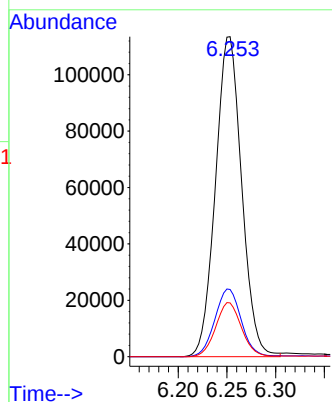
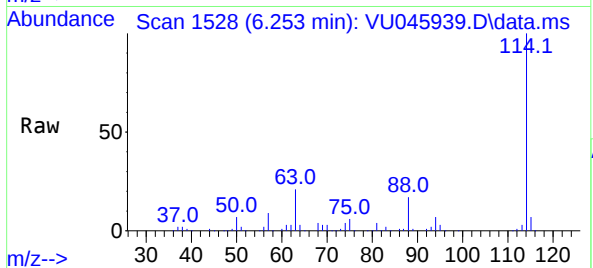




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045939.D
Acq: 23 Nov 2021 01:45

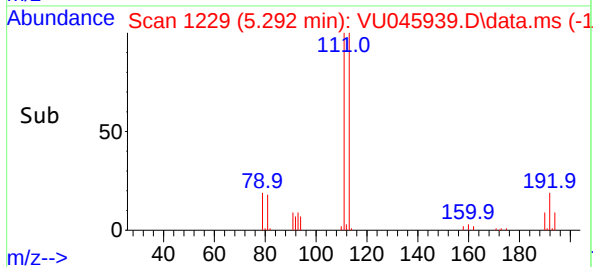
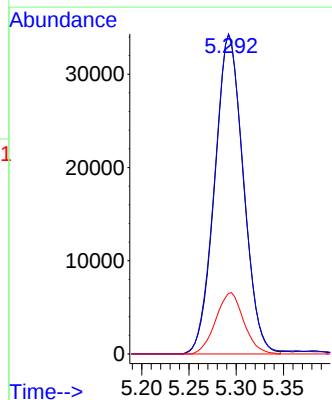
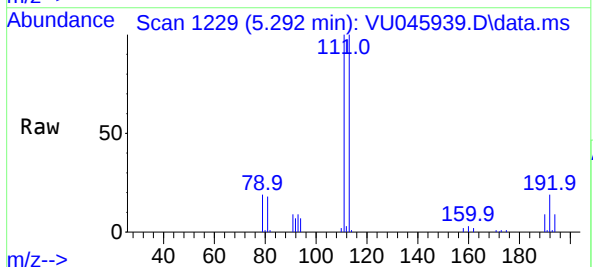
Instrument :
MSVOA_U
ClientSampleId :
PK-10I-20211118

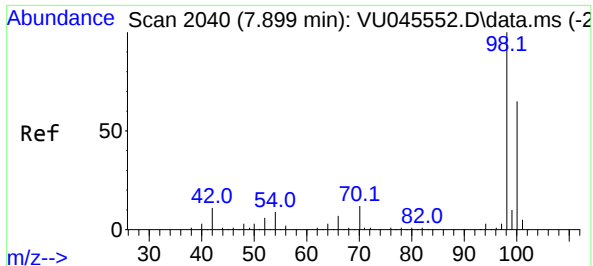
Tgt Ion:114 Resp: 212060
Ion Ratio Lower Upper
114 100
63 21.0 0.0 45.6
88 16.8 0.0 33.8



#35
Dibromofluoromethane
Concen: 50.773 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VU045939.D
Acq: 23 Nov 2021 01:45

Tgt Ion:113 Resp: 71885
Ion Ratio Lower Upper
113 100
111 101.6 82.8 124.2
192 18.8 14.8 22.2

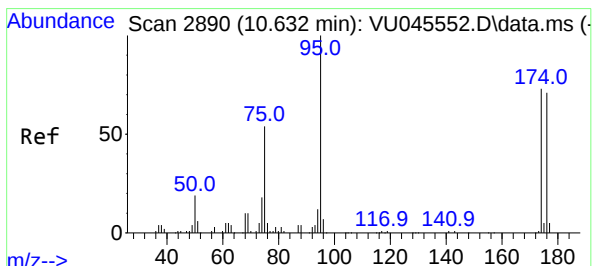
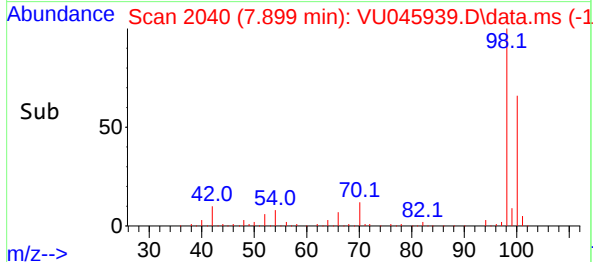
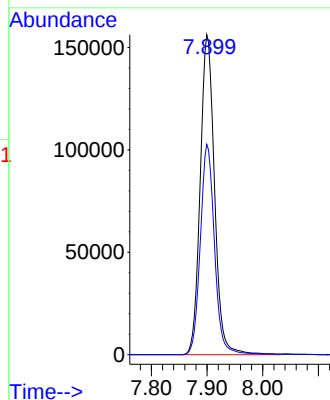
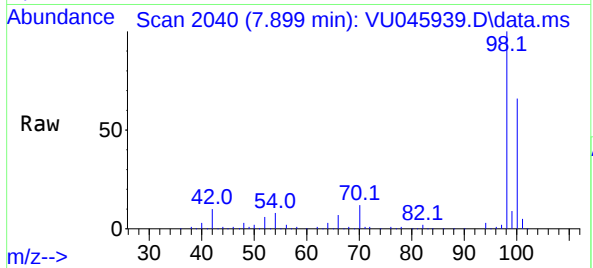




#50
Toluene-d8
Concen: 53.185 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU045939.D
Acq: 23 Nov 2021 01:45

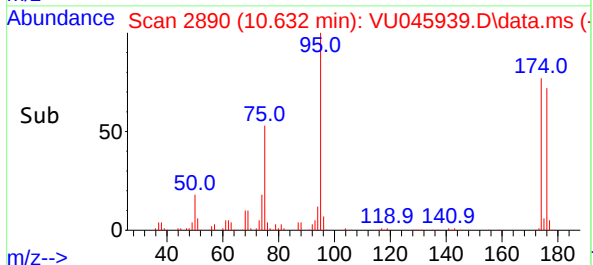
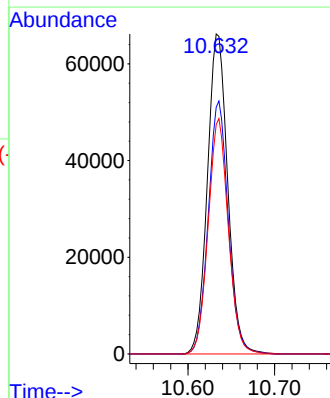
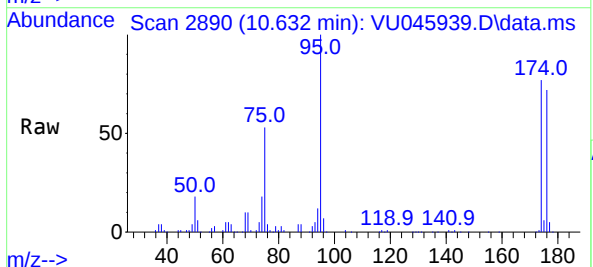
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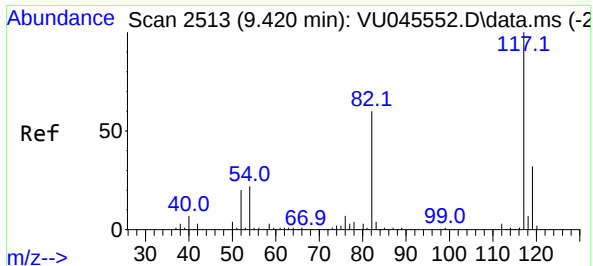
Tgt Ion: 98 Resp: 280001
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 51.024 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU045939.D
Acq: 23 Nov 2021 01:45

Tgt Ion: 95 Resp: 107718
Ion Ratio Lower Upper
95 100
174 78.1 0.0 141.8
176 72.9 0.0 138.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.417 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU045939.D

Acq: 23 Nov 2021 01:45

Instrument :

MSVOA_U

ClientSampleId :

PK-10I-20211118

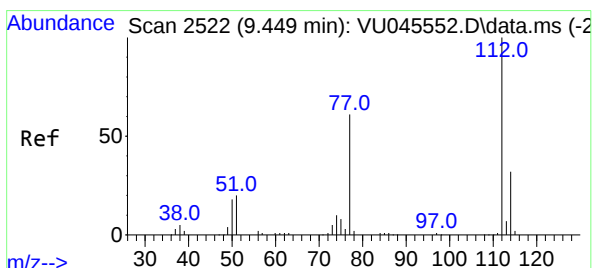
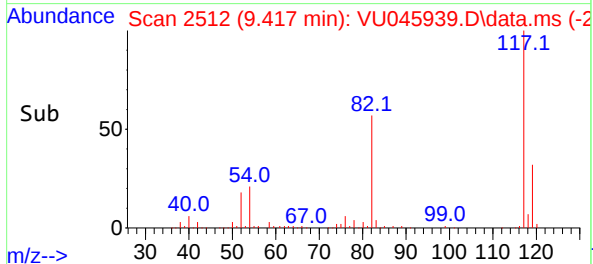
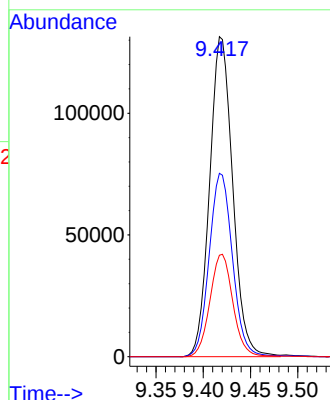
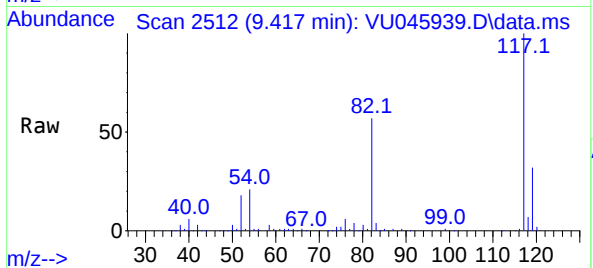
Tgt Ion:117 Resp: 222801

Ion Ratio Lower Upper

117 100

82 57.3 47.8 71.8

119 31.7 25.8 38.8



#65

Chlorobenzene

Concen: 2.607 ug/l

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU045939.D

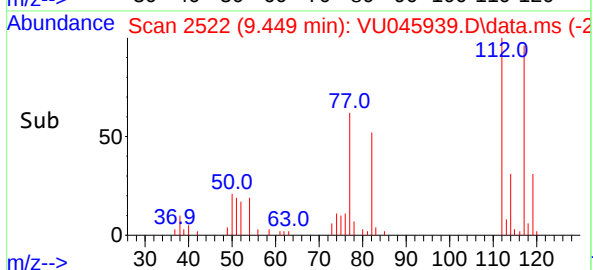
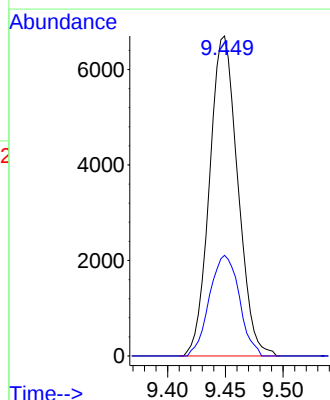
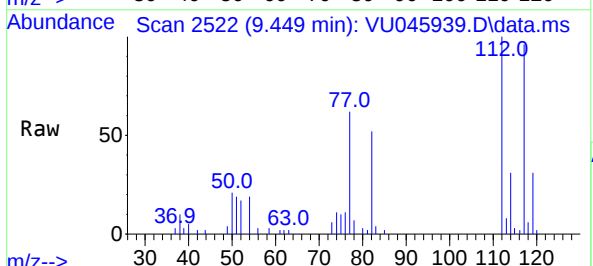
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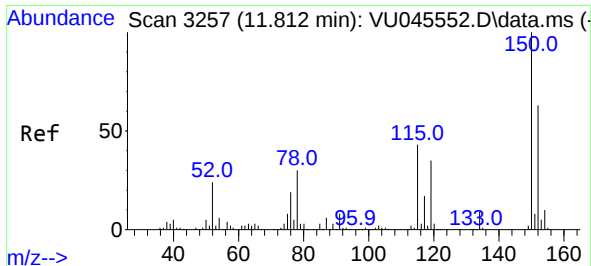
Tgt Ion:112 Resp: 11408

Ion Ratio Lower Upper

112 100

114 31.5 25.7 38.5

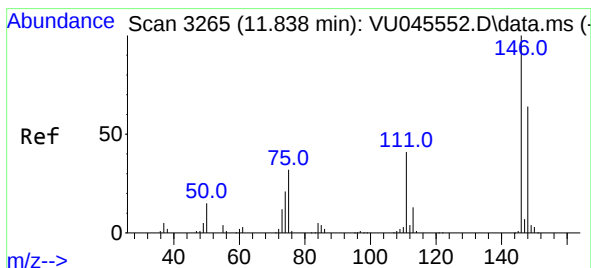
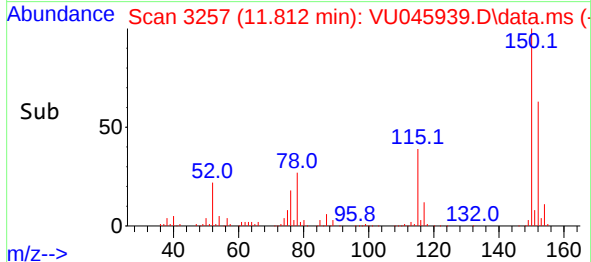
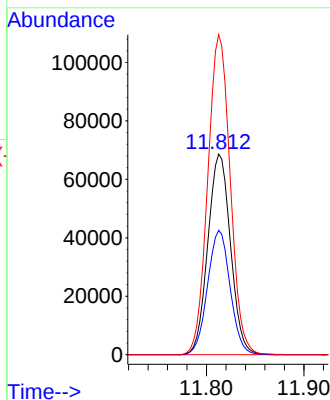
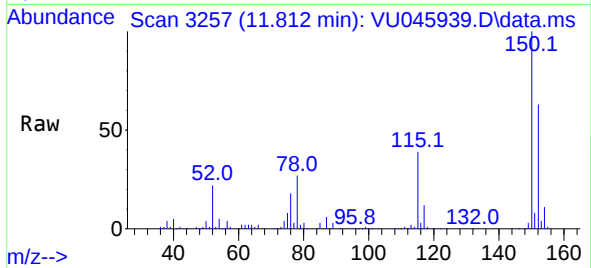




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU045939.D
Acq: 23 Nov 2021 01:45

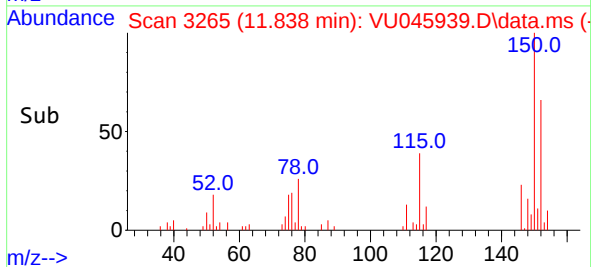
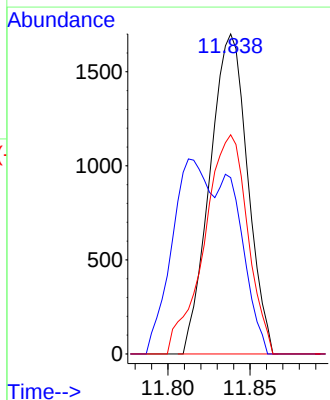
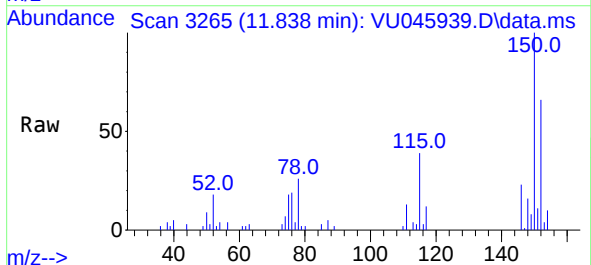
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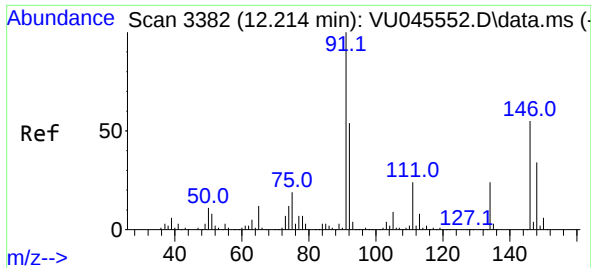
Tgt Ion:152 Resp: 110973
Ion Ratio Lower Upper
152 100
115 61.8 42.7 128.1
150 158.0 0.0 346.8



#88
1,4-Dichlorobenzene
Concen: 0.755 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU045939.D
Acq: 23 Nov 2021 01:45

Tgt Ion:146 Resp: 2713
Ion Ratio Lower Upper
146 100
111 0.0 20.6 61.9#
148 78.7 31.9 95.7





#91
1,2-Dichlorobenzene
Concen: 0.295 ug/l
RT: 12.211 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU045939.D
Acq: 23 Nov 2021 01:45

Instrument :
MSVOA_U
ClientSampleId :
PK-10I-20211118

Tgt Ion:	146	Resp:	1019
Ion	Ratio	Lower	Upper
146	100		
111	50.2	21.9	65.5
148	58.8	32.1	96.3

