

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112221\
 Data File : VU045918.D
 Acq On : 22 Nov 2021 16:47
 Operator : SY/MD
 Sample : PB140933ZHE#03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB140933ZHE#03

Quant Time: Nov 23 05:16:35 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)

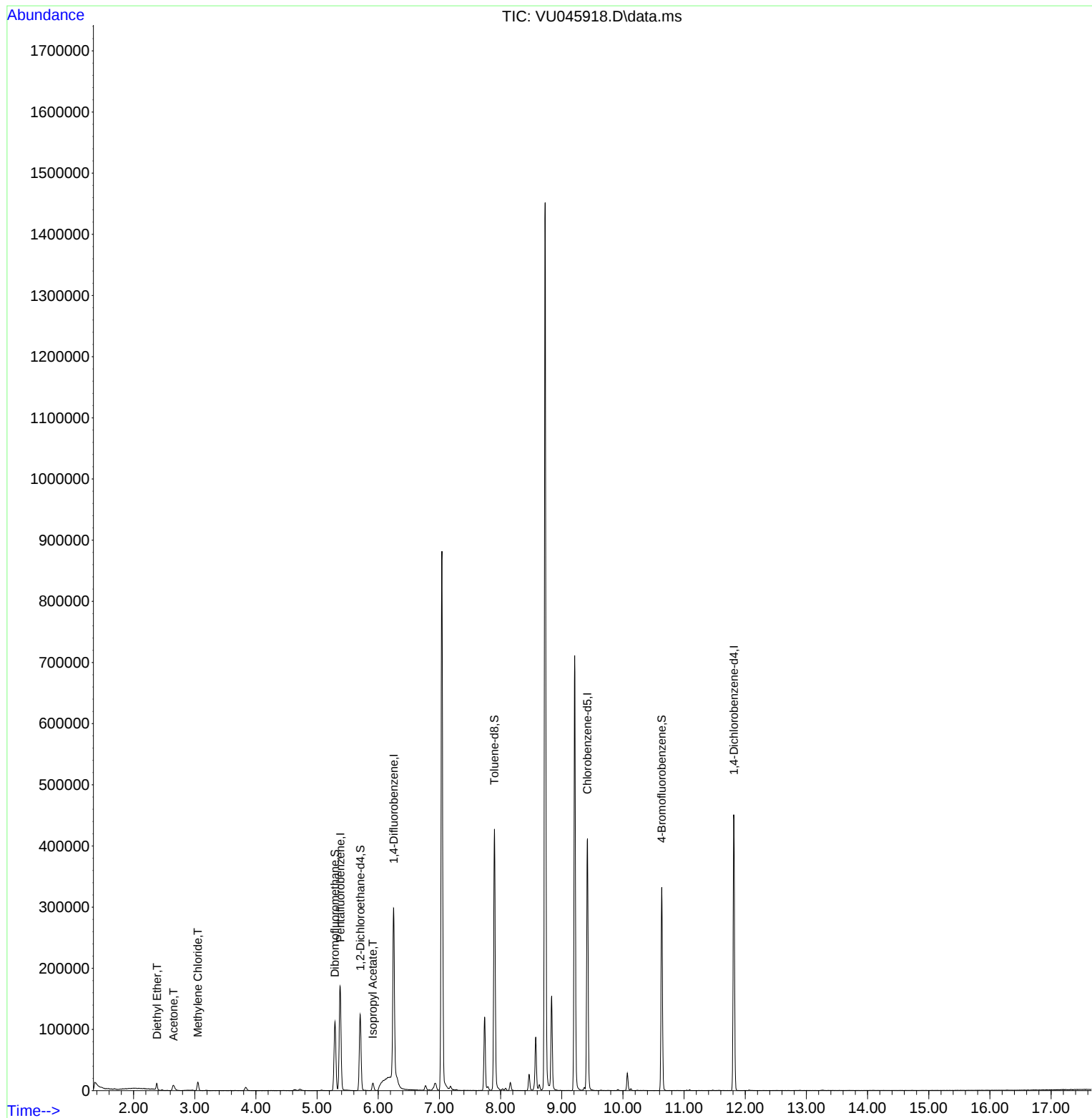
Internal Standards						
1) Pentafluorobenzene	5.378	168	115114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	220428	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	230956	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	115171	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	91924	53.321	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.640%
35) Dibromofluoromethane	5.292	113	73445	49.906	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.820%
50) Toluene-d8	7.899	98	288569	52.731	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.460%
62) 4-Bromofluorobenzene	10.635	95	112511	51.271	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.540%
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.382	74	3644	4.185	ug/l	98
16) Acetone	2.652	43	16307	18.582	ug/l	99
20) Methylene Chloride	3.051	84	7171	4.703	ug/l	94
43) Isopropyl Acetate	5.912	43	13536	3.584	ug/l	99

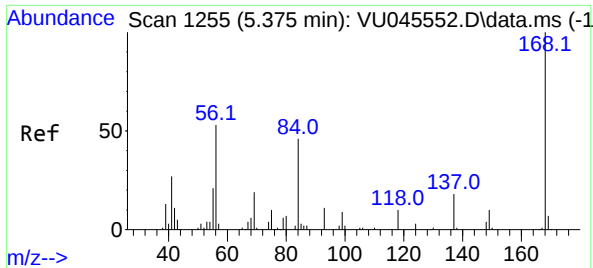
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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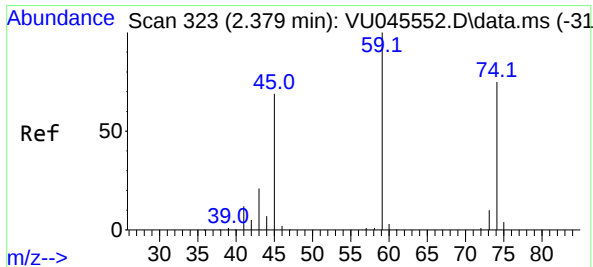
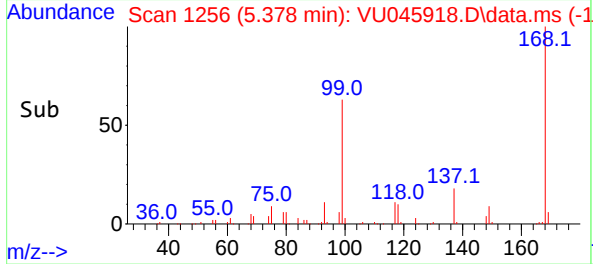
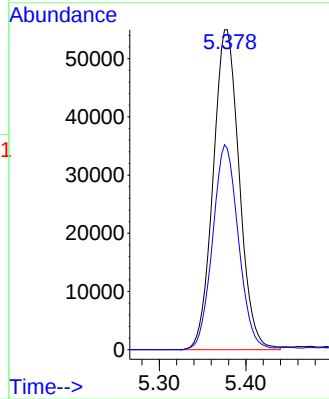
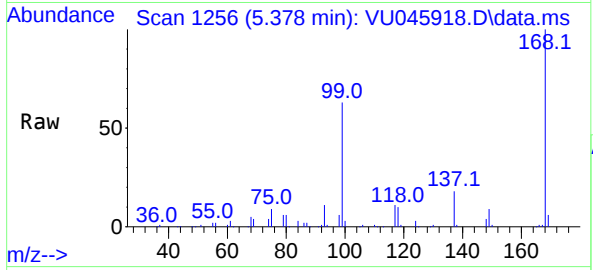




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045918.D
Acq: 22 Nov 2021 16:47

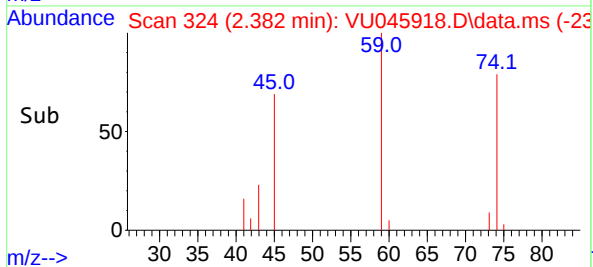
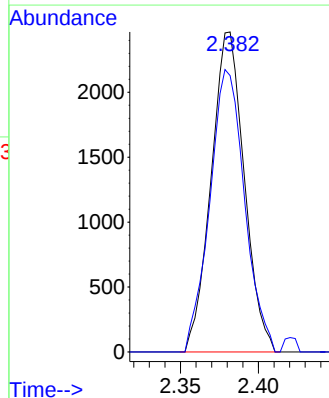
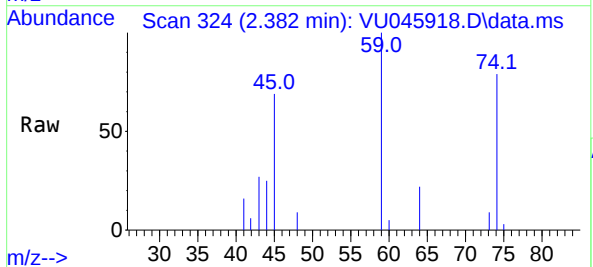
Instrument :
MSVOA_U
ClientSampleId :
PB140933ZHE#03

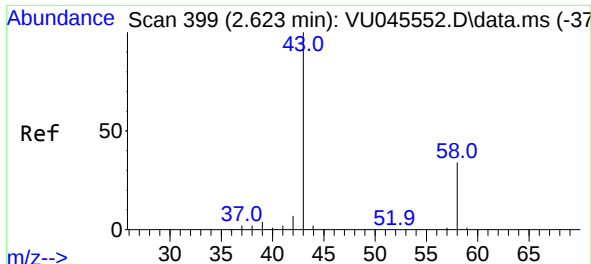
Tgt Ion:168 Resp: 115114
Ion Ratio Lower Upper
168 100
99 62.9 51.0 76.6



#8
Diethyl Ether
Concen: 4.185 ug/l
RT: 2.382 min Scan# 324
Delta R.T. 0.003 min
Lab File: VU045918.D
Acq: 22 Nov 2021 16:47

Tgt Ion: 74 Resp: 3644
Ion Ratio Lower Upper
74 100
45 92.7 47.3 141.8

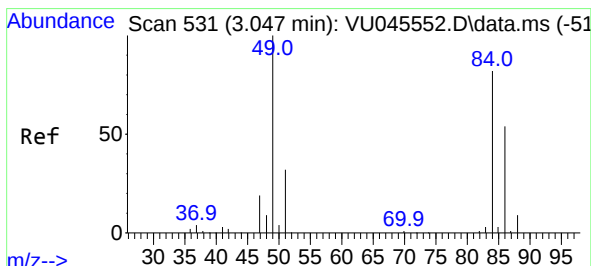
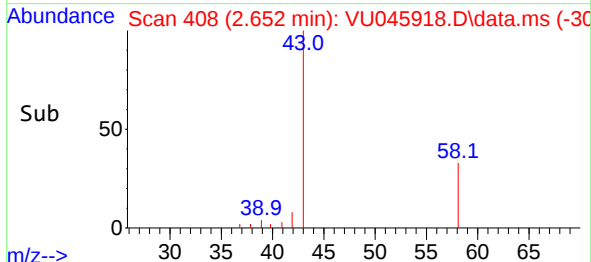
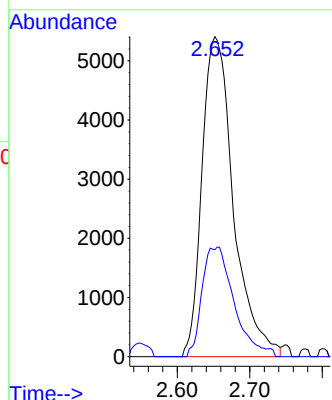
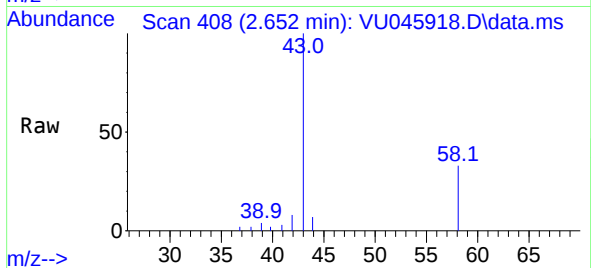




#16
Acetone
Concen: 18.582 ug/l
RT: 2.652 min Scan# 408
Delta R.T. 0.029 min
Lab File: VU045918.D
Acq: 22 Nov 2021 16:47

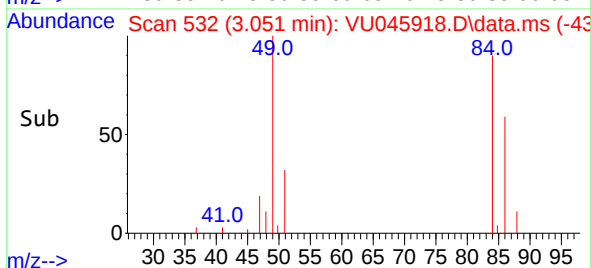
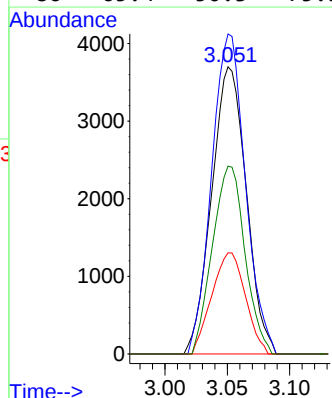
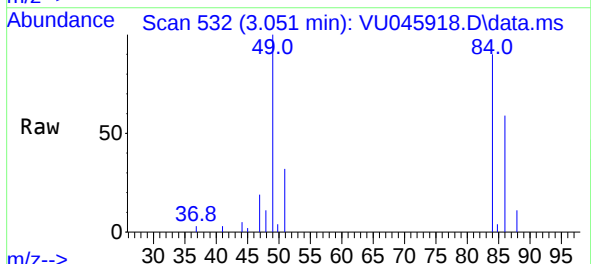
Instrument :
MSVOA_U
ClientSampleId :
PB140933ZHE#03

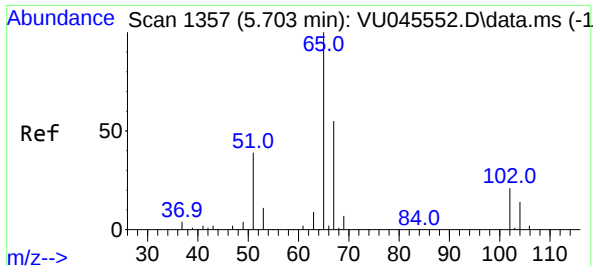
Tgt Ion: 43 Resp: 16307
Ion Ratio Lower Upper
43 100
58 33.4 26.2 39.2



#20
Methylene Chloride
Concen: 4.703 ug/l
RT: 3.051 min Scan# 532
Delta R.T. 0.003 min
Lab File: VU045918.D
Acq: 22 Nov 2021 16:47

Tgt Ion: 84 Resp: 7171
Ion Ratio Lower Upper
84 100
49 111.4 96.4 144.6
51 35.2 30.5 45.7
86 65.4 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 53.321 ug/l

RT: 5.706 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU045918.D

Acq: 22 Nov 2021 16:47

Instrument :

MSVOA_U

ClientSampleId :

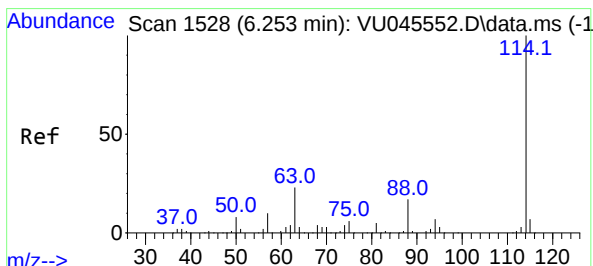
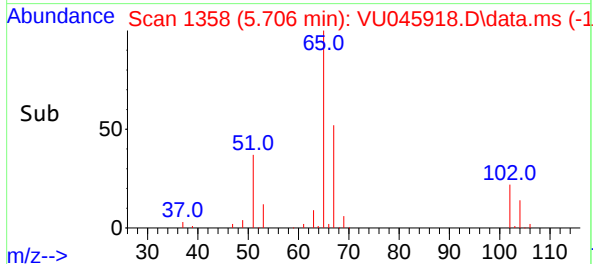
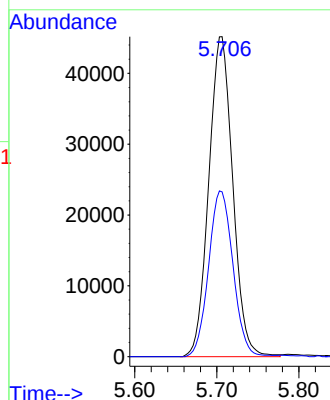
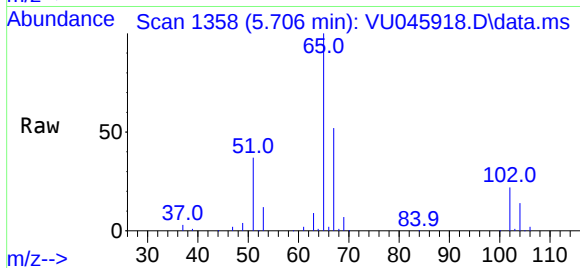
PB140933ZHE#03

Tgt Ion: 65 Resp: 91924

Ion Ratio Lower Upper

65 100

67 52.7 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. -0.000 min

Lab File: VU045918.D

Acq: 22 Nov 2021 16:47

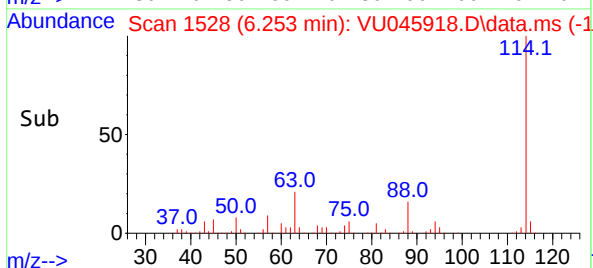
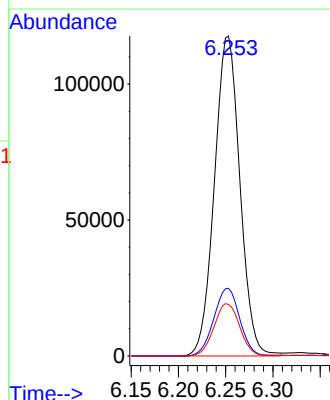
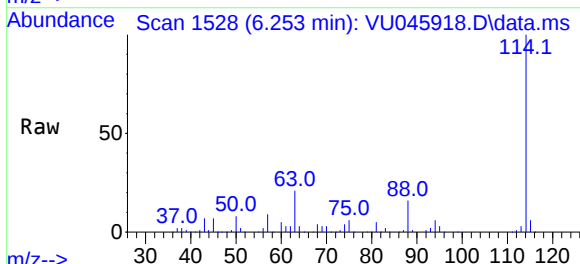
Tgt Ion: 114 Resp: 220428

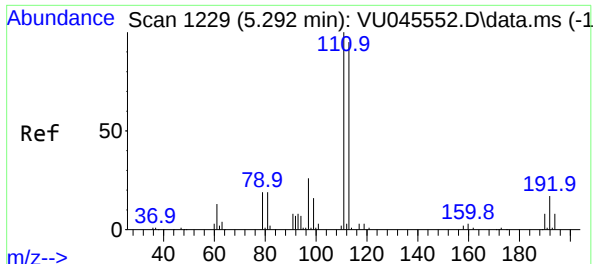
Ion Ratio Lower Upper

114 100

63 21.1 0.0 45.6

88 16.1 0.0 33.8

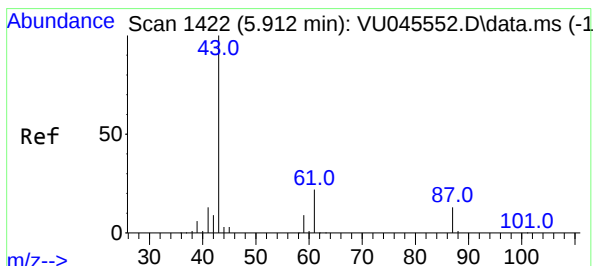
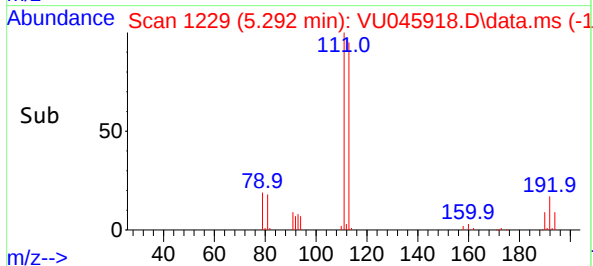
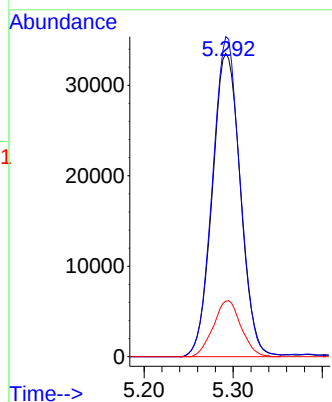
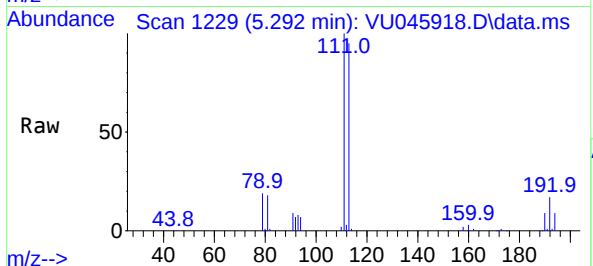




#35
Dibromofluoromethane
Concen: 49.906 ug/l
RT: 5.292 min Scan# 1113
Delta R.T. -0.000 min
Lab File: VU045918.D
Acq: 22 Nov 2021 16:47

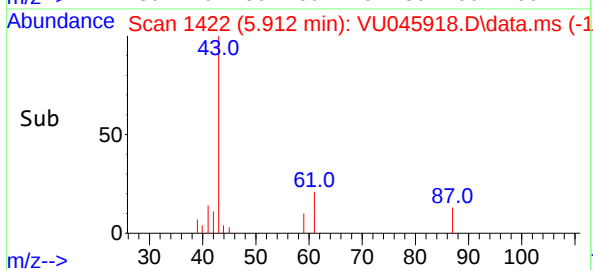
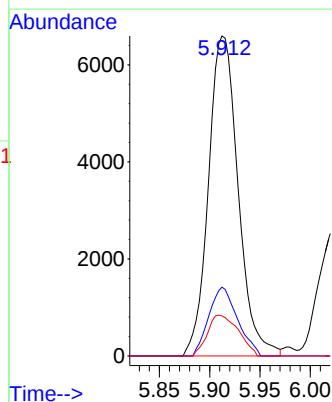
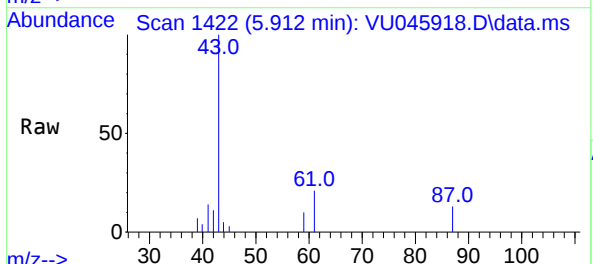
Instrument :
MSVOA_U
ClientSampleId :
PB140933ZHE#03

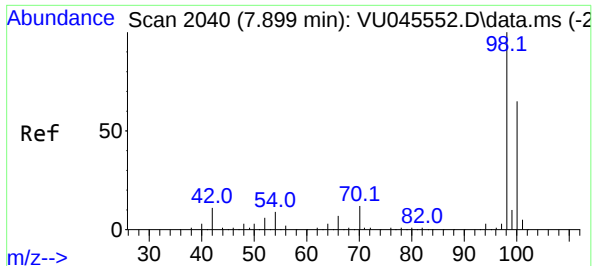
Tgt Ion:113 Resp: 73445
Ion Ratio Lower Upper
113 100
111 103.3 82.8 124.2
192 18.2 14.8 22.2



#43
Isopropyl Acetate
Concen: 3.584 ug/l
RT: 5.912 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VU045918.D
Acq: 22 Nov 2021 16:47

Tgt Ion: 43 Resp: 13536
Ion Ratio Lower Upper
43 100
61 20.8 16.9 25.3
87 13.3 11.0 16.4

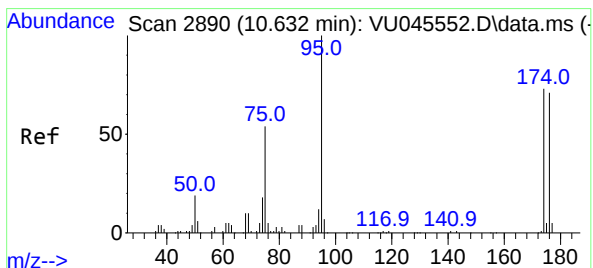
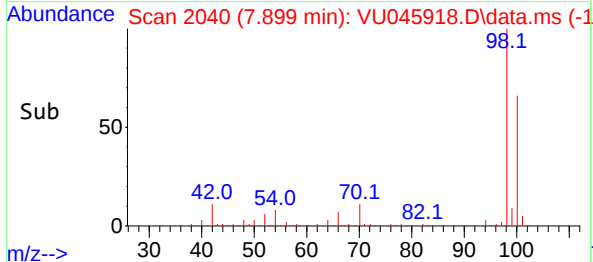
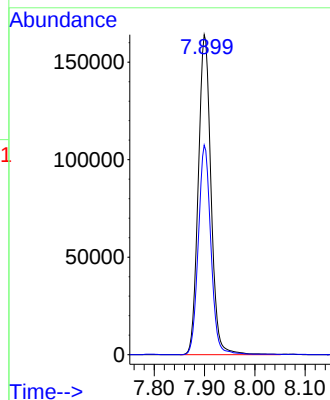
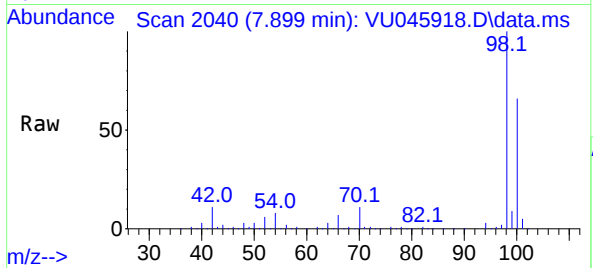




#50
Toluene-d8
Concen: 52.731 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU045918.D
Acq: 22 Nov 2021 16:47

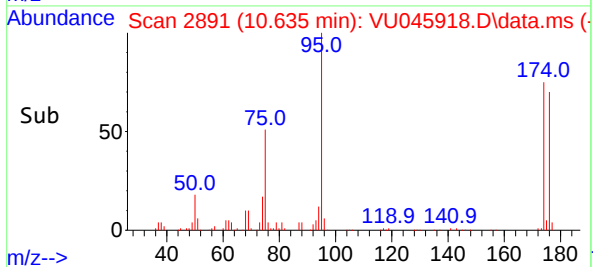
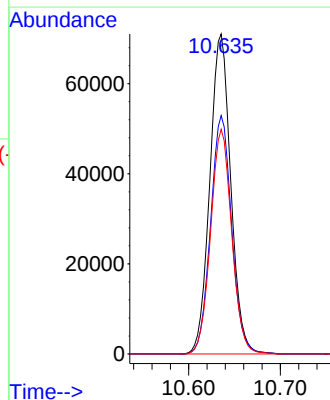
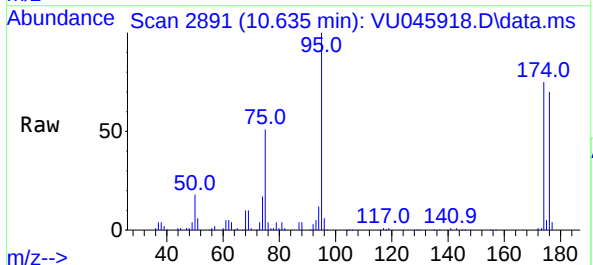
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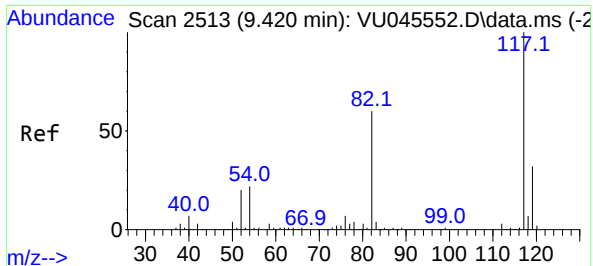
Tgt Ion: 98 Resp: 288569
Ion Ratio Lower Upper
98 100
100 64.8 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 51.271 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045918.D
Acq: 22 Nov 2021 16:47

Tgt Ion: 95 Resp: 112511
Ion Ratio Lower Upper
95 100
174 75.2 0.0 141.8
176 70.6 0.0 138.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.420 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045918.D

Acq: 22 Nov 2021 16:47

Instrument :

MSVOA_U

ClientSampleId :

PB140933ZHE#03

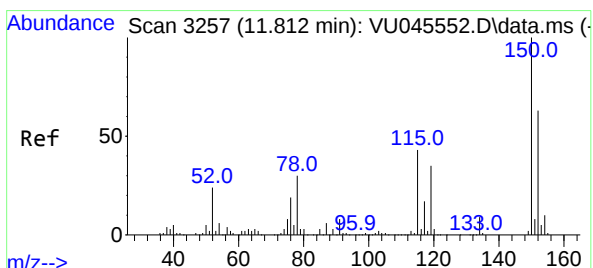
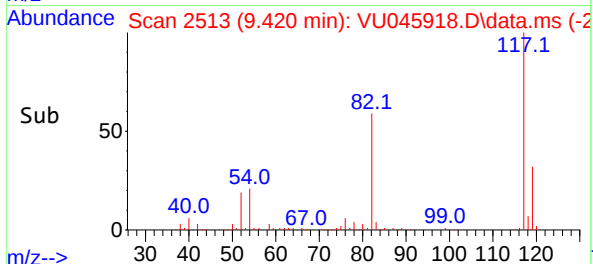
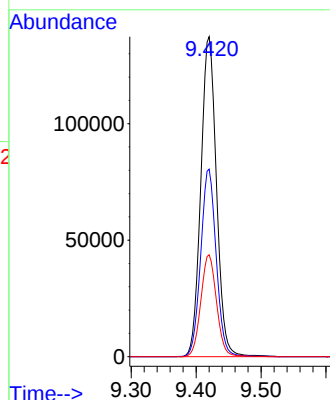
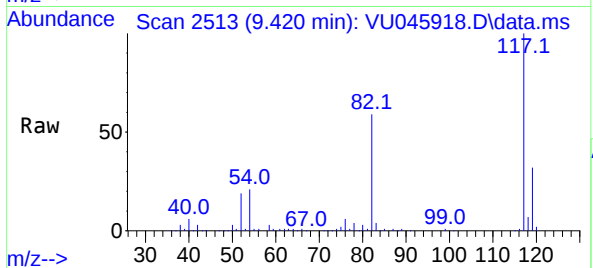
Tgt Ion:117 Resp: 230956

Ion Ratio Lower Upper

117 100

82 58.6 47.8 71.8

119 31.8 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.815 min Scan# 3258

Delta R.T. 0.003 min

Lab File: VU045918.D

Acq: 22 Nov 2021 16:47

Tgt Ion:152 Resp: 115171

Ion Ratio Lower Upper

152 100

115 62.7 42.7 128.1

150 156.2 0.0 346.8

