

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112221\
 Data File : VU045920.D
 Acq On : 22 Nov 2021 17:32
 Operator : SY/MD
 Sample : PB140933ZHE#05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB140933ZHE#05

Quant Time: Nov 23 05:17:17 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)

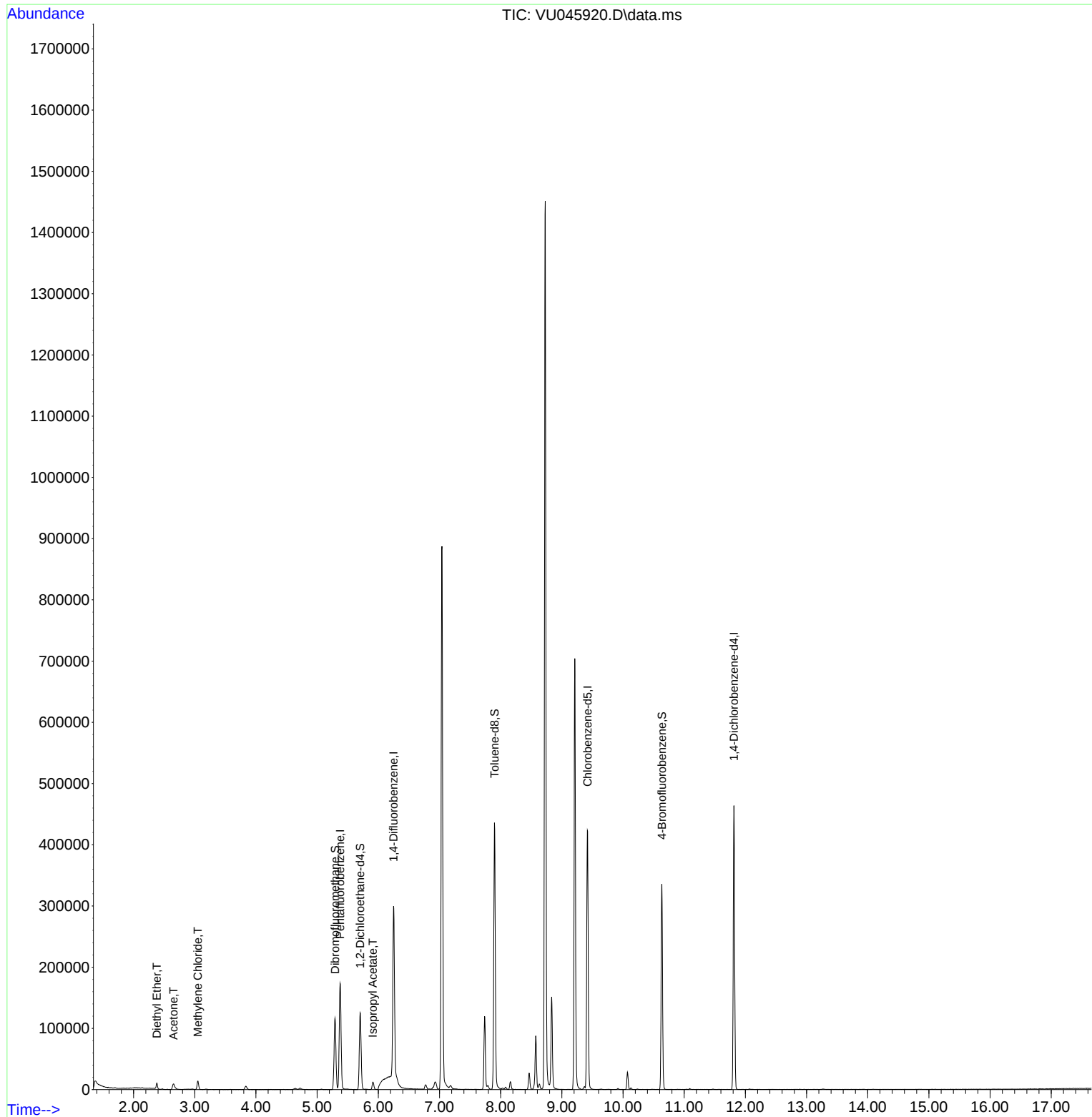
Internal Standards						
1) Pentafluorobenzene	5.375	168	116919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	222462	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	237441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	118014	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	92861	53.033	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.060%
35) Dibromofluoromethane	5.292	113	75064	50.539	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.080%
50) Toluene-d8	7.899	98	290387	52.578	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.160%
62) 4-Bromofluorobenzene	10.636	95	112782	50.925	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.840%
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.379	74	3665	4.144	ug/l	95
16) Acetone	2.652	43	17158	19.250	ug/l	98
20) Methylene Chloride	3.051	84	6857	4.427	ug/l	93
43) Isopropyl Acetate	5.912	43	13586	3.565	ug/l	99

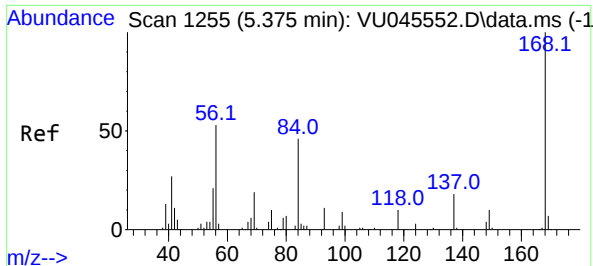
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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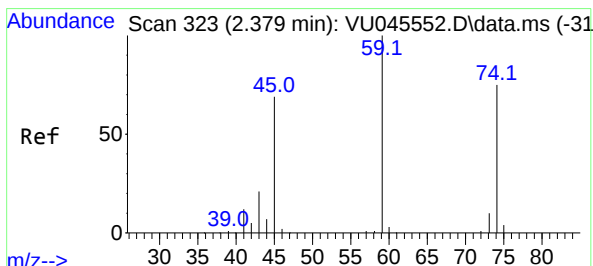
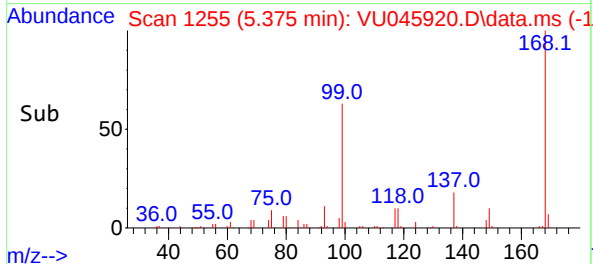
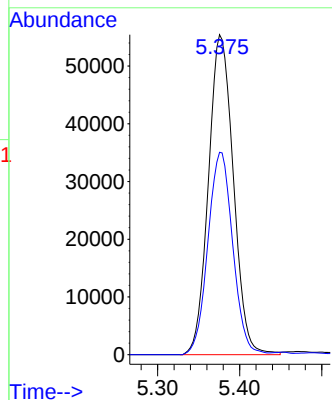
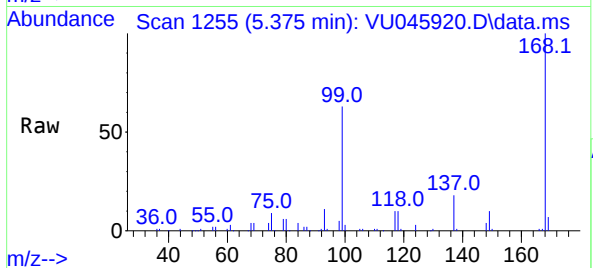




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045920.D
Acq: 22 Nov 2021 17:32

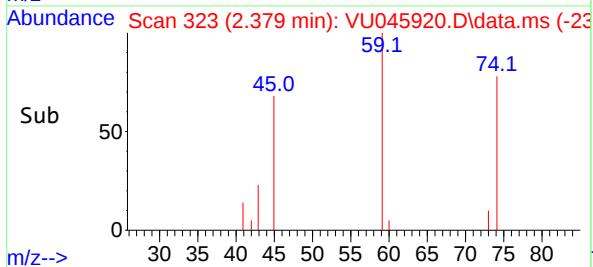
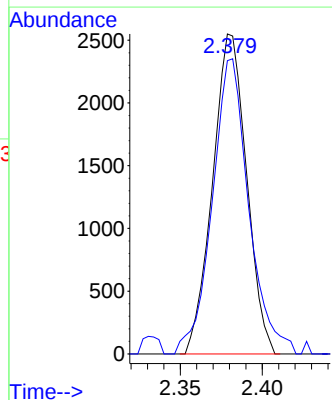
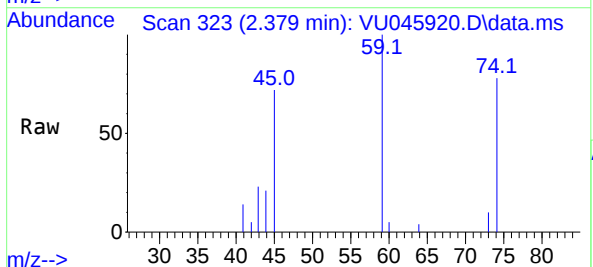
Instrument :
MSVOA_U
ClientSampleId :
PB140933ZHE#05

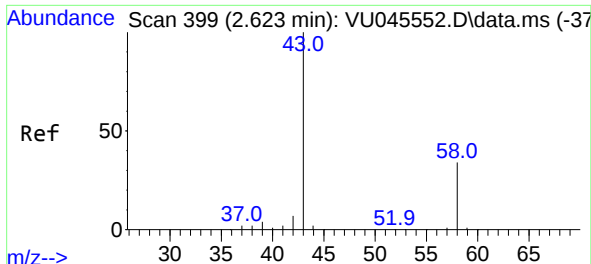
Tgt Ion:168 Resp: 116919
Ion Ratio Lower Upper
168 100
99 63.2 51.0 76.6



#8
Diethyl Ether
Concen: 4.144 ug/l
RT: 2.379 min Scan# 323
Delta R.T. 0.000 min
Lab File: VU045920.D
Acq: 22 Nov 2021 17:32

Tgt Ion: 74 Resp: 3665
Ion Ratio Lower Upper
74 100
45 99.2 47.3 141.8

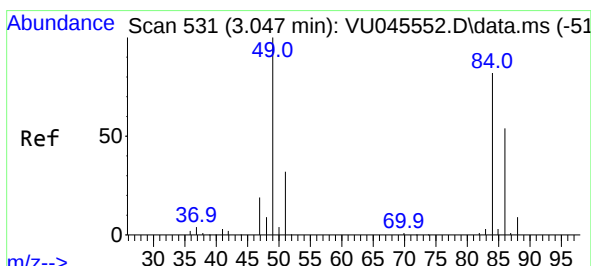
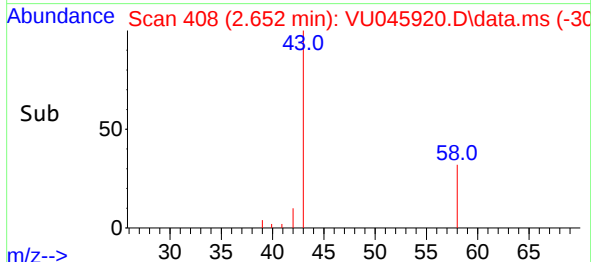
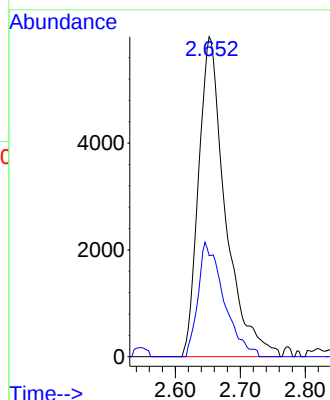
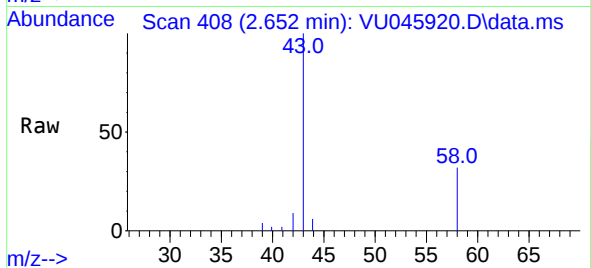




#16
Acetone
Concen: 19.250 ug/l
RT: 2.652 min Scan# 408
Delta R.T. 0.029 min
Lab File: VU045920.D
Acq: 22 Nov 2021 17:32

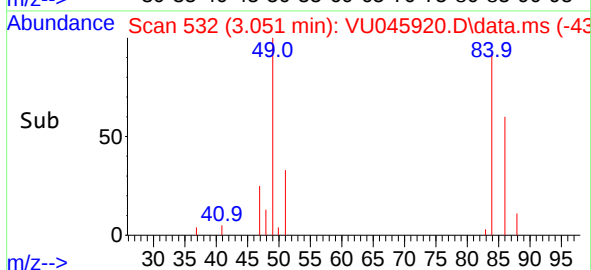
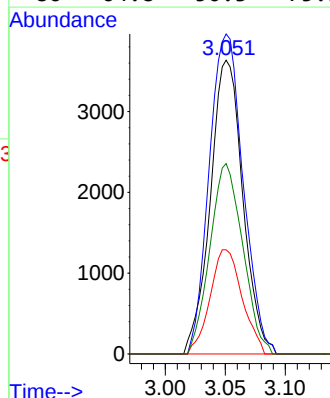
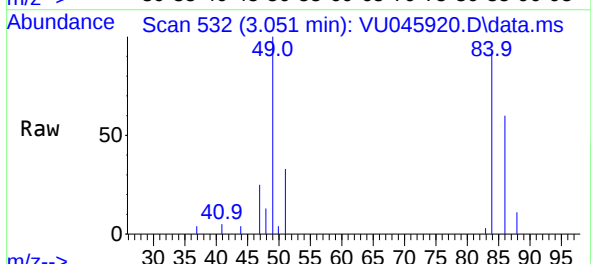
Instrument :
MSVOA_U
ClientSampleId :
PB140933ZHE#05

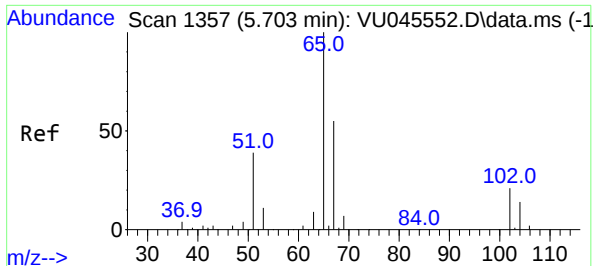
Tgt Ion: 43 Resp: 17158
Ion Ratio Lower Upper
43 100
58 31.6 26.2 39.2



#20
Methylene Chloride
Concen: 4.427 ug/l
RT: 3.051 min Scan# 532
Delta R.T. 0.003 min
Lab File: VU045920.D
Acq: 22 Nov 2021 17:32

Tgt Ion: 84 Resp: 6857
Ion Ratio Lower Upper
84 100
49 108.9 96.4 144.6
51 35.4 30.5 45.7
86 64.8 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 53.033 ug/l

RT: 5.703 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045920.D

Acq: 22 Nov 2021 17:32

Instrument :

MSVOA_U

ClientSampleId :

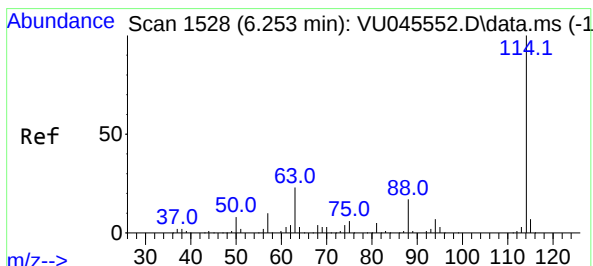
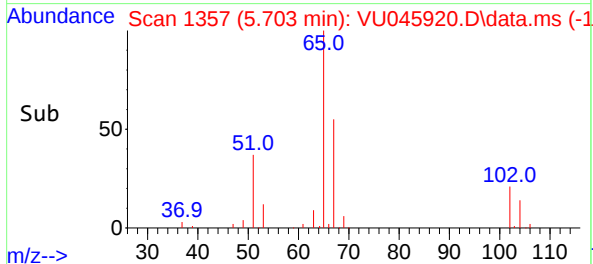
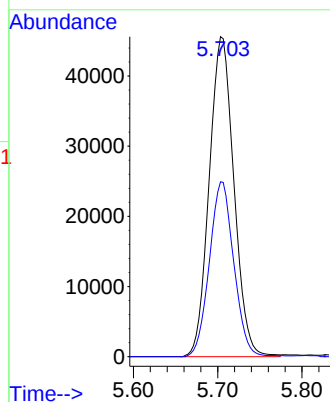
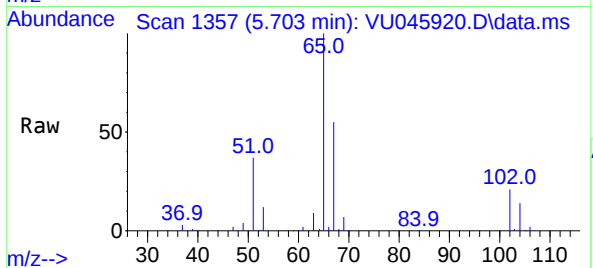
PB140933ZHE#05

Tgt Ion: 65 Resp: 92861

Ion Ratio Lower Upper

65 100

67 54.1 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.003 min

Lab File: VU045920.D

Acq: 22 Nov 2021 17:32

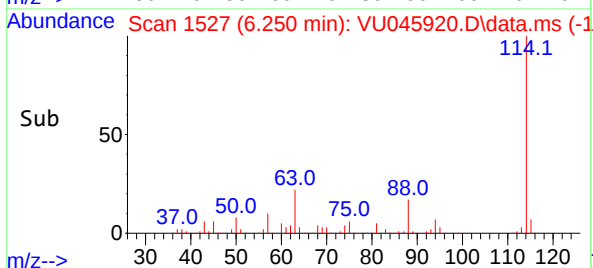
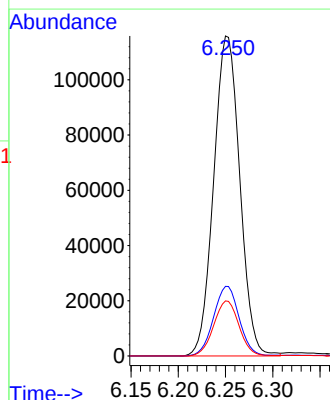
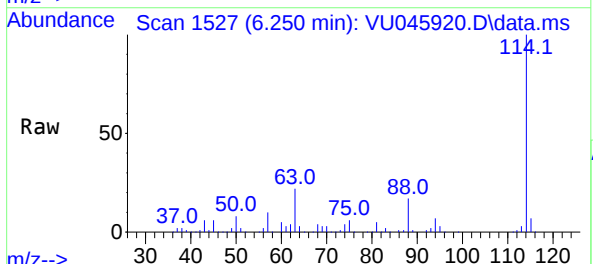
Tgt Ion: 114 Resp: 222462

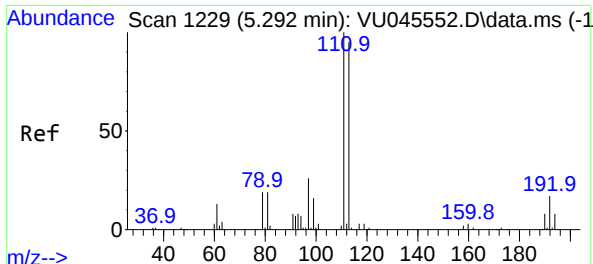
Ion Ratio Lower Upper

114 100

63 21.7 0.0 45.6

88 17.2 0.0 33.8

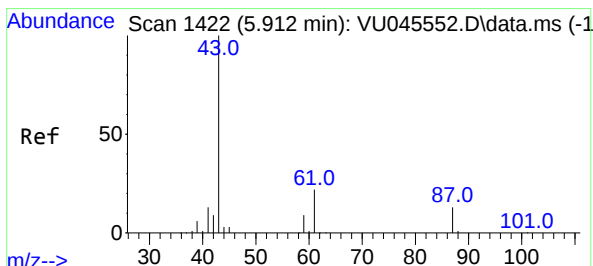
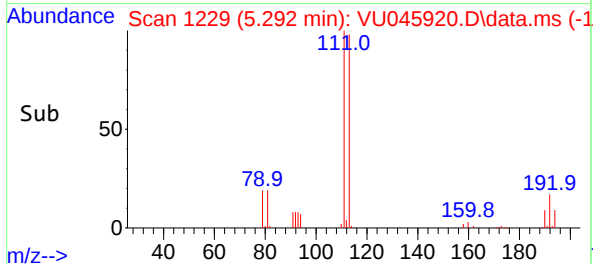
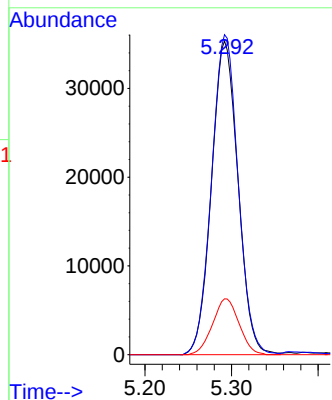
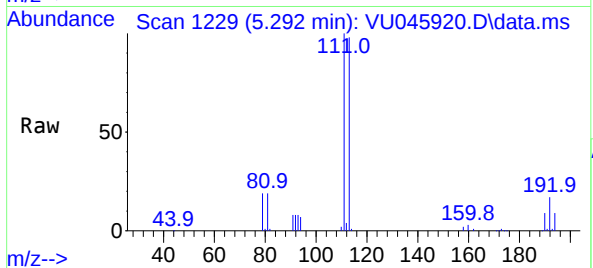




#35
Dibromofluoromethane
Concen: 50.539 ug/l
RT: 5.292 min Scan# 1113
Delta R.T. 0.000 min
Lab File: VU045920.D
Acq: 22 Nov 2021 17:32

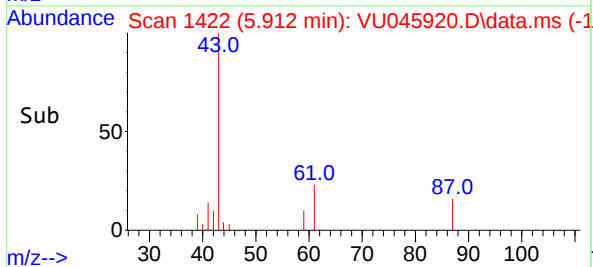
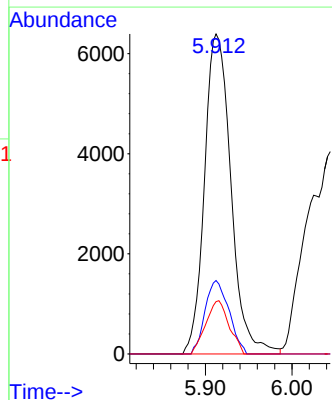
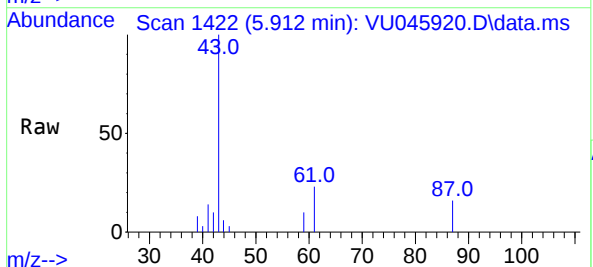
Instrument :
MSVOA_U
ClientSampleId :
PB140933ZHE#05

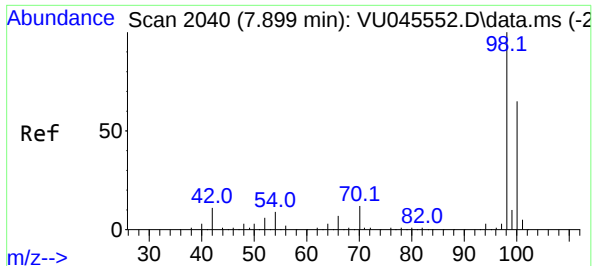
Tgt Ion:113 Resp: 75064
Ion Ratio Lower Upper
113 100
111 102.2 82.8 124.2
192 17.9 14.8 22.2



#43
Isopropyl Acetate
Concen: 3.565 ug/l
RT: 5.912 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VU045920.D
Acq: 22 Nov 2021 17:32

Tgt Ion: 43 Resp: 13586
Ion Ratio Lower Upper
43 100
61 20.7 16.9 25.3
87 14.6 11.0 16.4

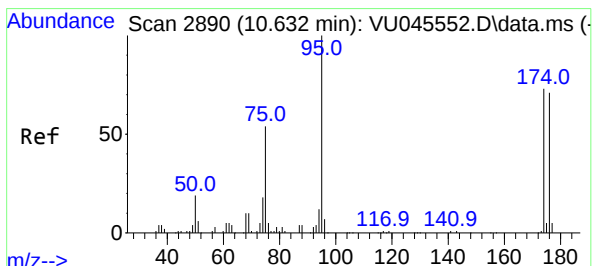
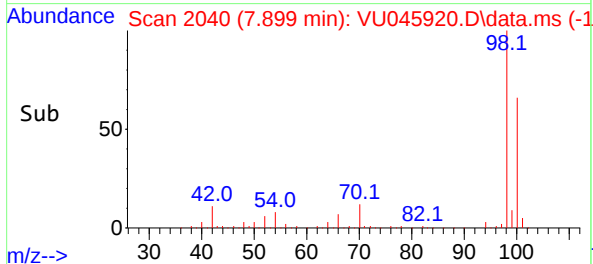
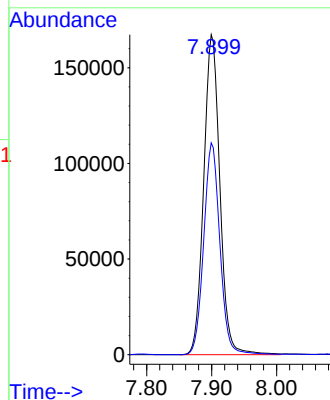
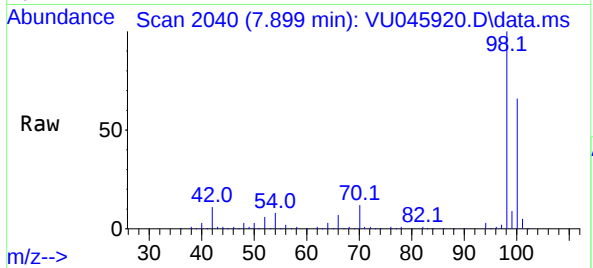




#50
Toluene-d8
Concen: 52.578 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU045920.D
Acq: 22 Nov 2021 17:32

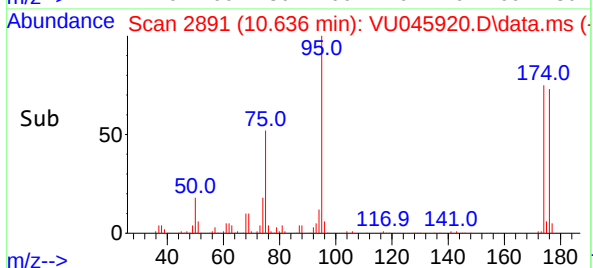
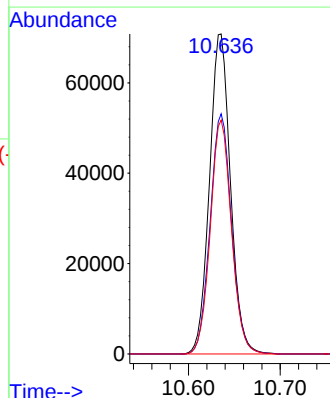
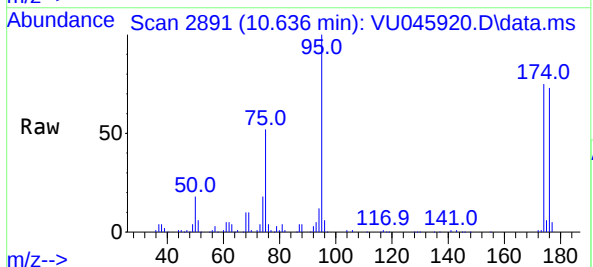
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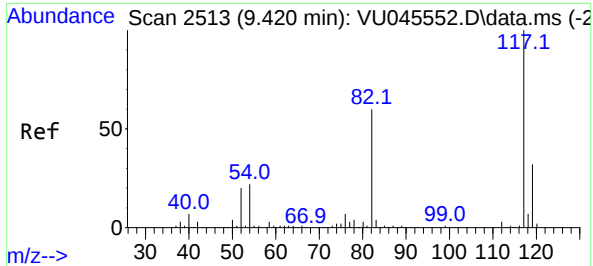
Tgt Ion: 98 Resp: 290387
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 50.925 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045920.D
Acq: 22 Nov 2021 17:32

Tgt Ion: 95 Resp: 112782
Ion Ratio Lower Upper
95 100
174 76.7 0.0 141.8
176 73.6 0.0 138.2

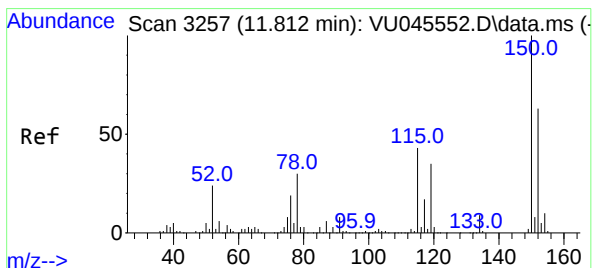
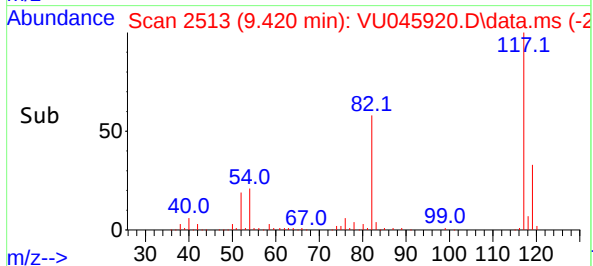
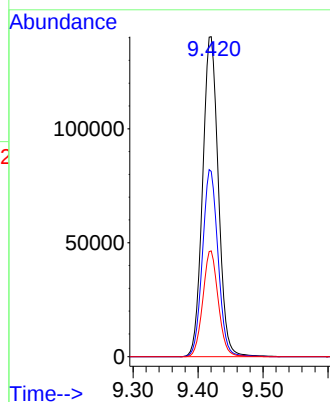
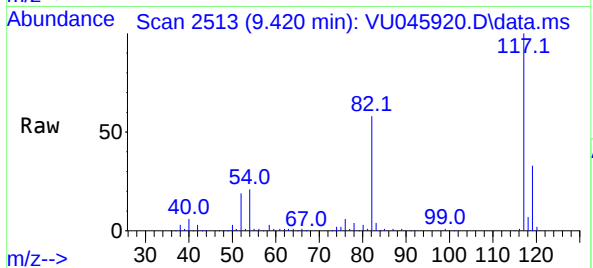




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045920.D
Acq: 22 Nov 2021 17:32

Instrument :
MSVOA_U
ClientSampleId :
PB140933ZHE#05

Tgt Ion:117 Resp: 237441
Ion Ratio Lower Upper
117 100
82 57.9 47.8 71.8
119 33.0 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VU045920.D
Acq: 22 Nov 2021 17:32

Tgt Ion:152 Resp: 118014
Ion Ratio Lower Upper
152 100
115 61.8 42.7 128.1
150 157.3 0.0 346.8

