

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112221\
 Data File : VU045925.D
 Acq On : 22 Nov 2021 19:24
 Operator : SY/MD
 Sample : M4770-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CC-1

Quant Time: Nov 23 05:18:55 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)

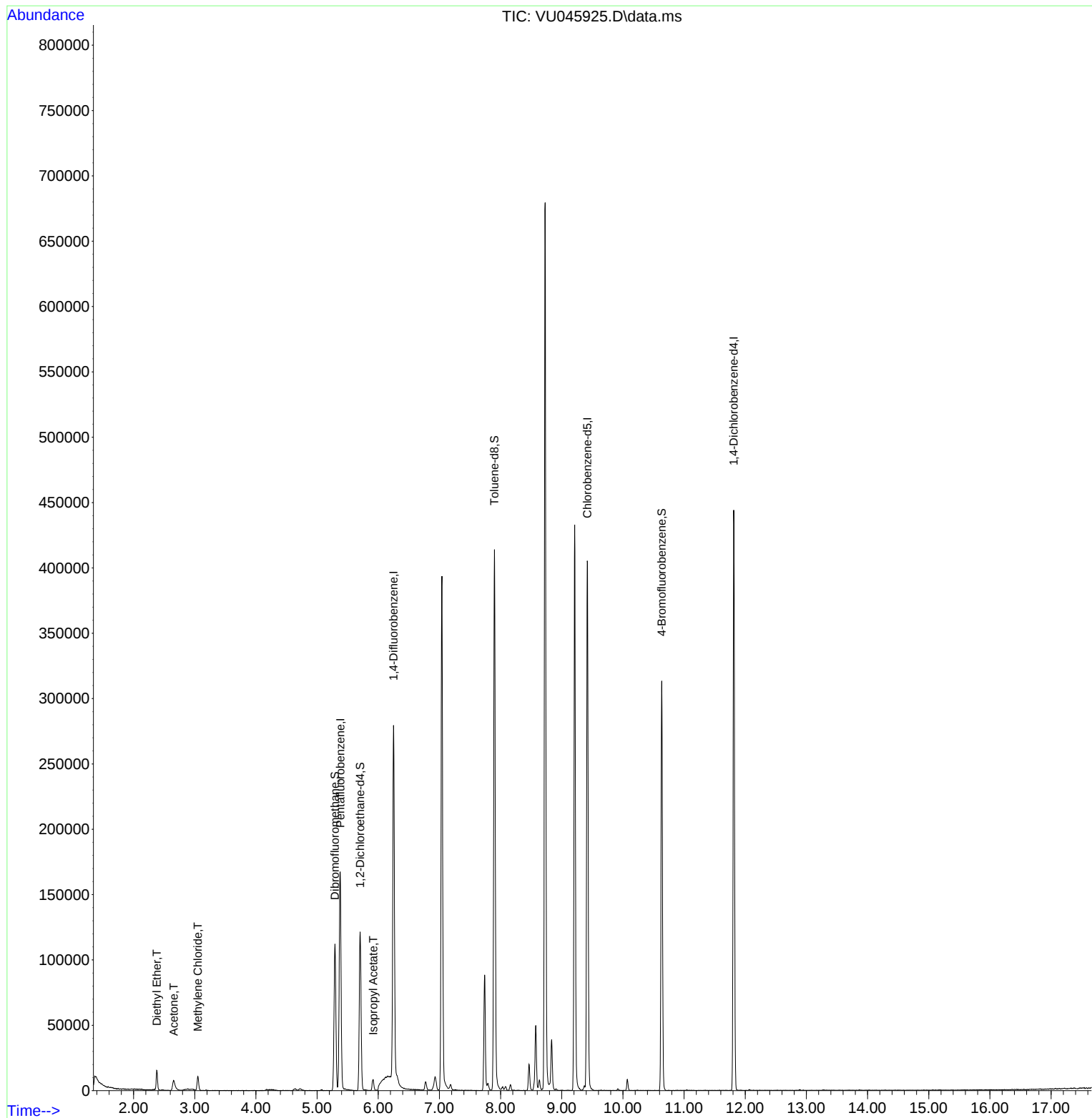
Internal Standards						
1) Pentafluorobenzene	5.378	168	113631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	214546	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	229368	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	112020	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	90092	52.941	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.880%
35) Dibromofluoromethane	5.292	113	71421	49.861	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.720%
50) Toluene-d8	7.899	98	283932	53.307	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	106.620%
62) 4-Bromofluorobenzene	10.635	95	107905	50.521	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.040%
Target Compounds						
						Qvalue
8) Diethyl Ether	2.379	74	5449	6.339	ug/l	96
16) Acetone	2.655	43	15314	17.678	ug/l #	87
20) Methylene Chloride	3.051	84	5239	3.481	ug/l	95
43) Isopropyl Acetate	5.919	43	9127	2.483	ug/l	99

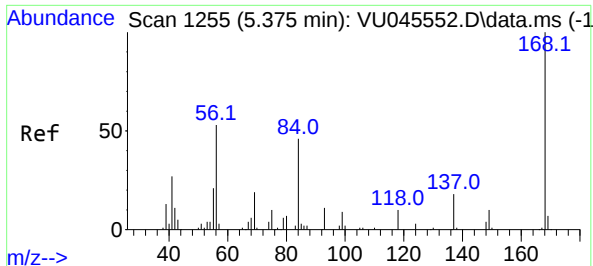
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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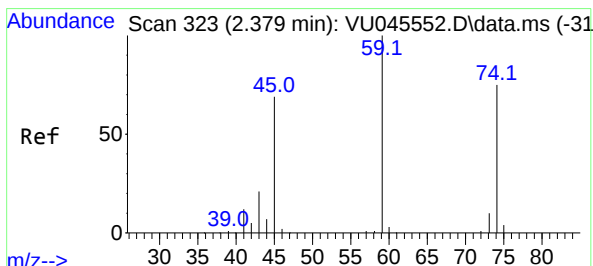
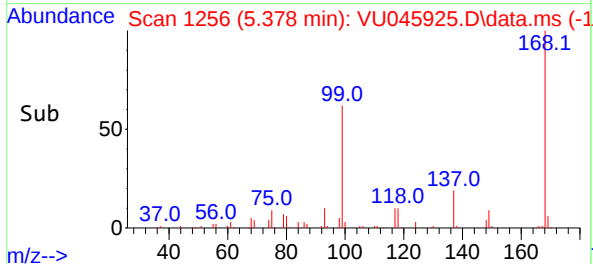
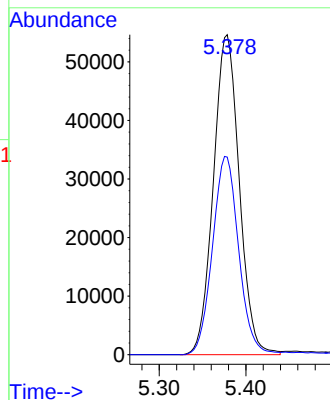
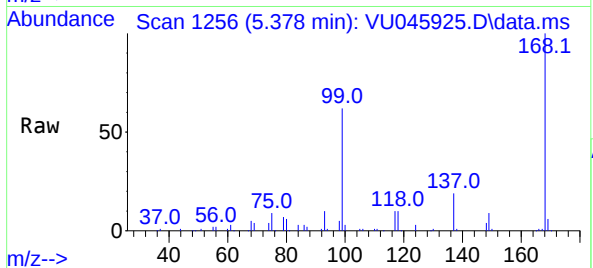




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045925.D
Acq: 22 Nov 2021 19:24

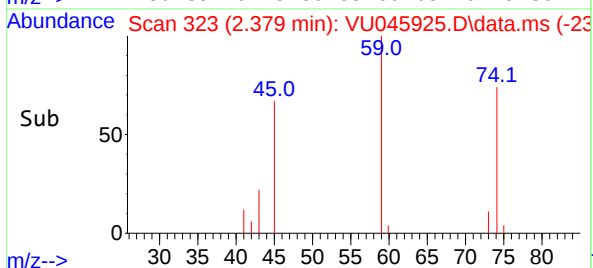
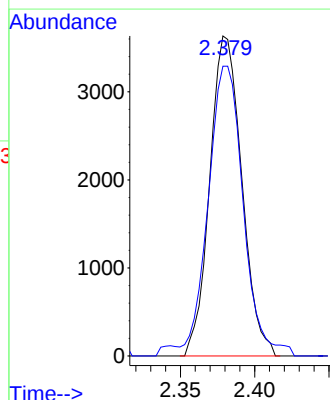
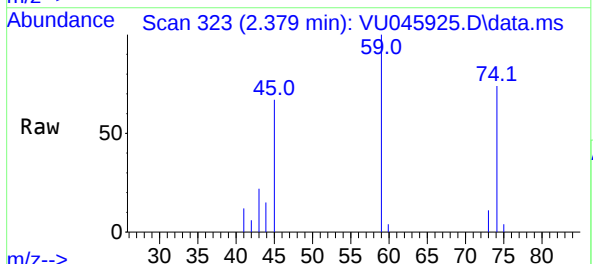
Instrument :
MSVOA_U
ClientSampleId :
CC-1

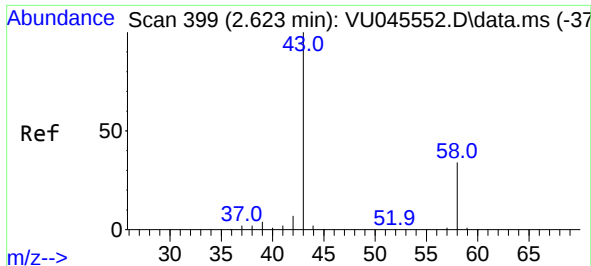
Tgt Ion:168 Resp: 113631
Ion Ratio Lower Upper
168 100
99 61.7 51.0 76.6



#8
Diethyl Ether
Concen: 6.339 ug/l
RT: 2.379 min Scan# 323
Delta R.T. -0.000 min
Lab File: VU045925.D
Acq: 22 Nov 2021 19:24

Tgt Ion: 74 Resp: 5449
Ion Ratio Lower Upper
74 100
45 98.7 47.3 141.8





#16

Acetone

Concen: 17.678 ug/l

RT: 2.655 min Scan# 409

Delta R.T. 0.032 min

Lab File: VU045925.D

Acq: 22 Nov 2021 19:24

Instrument :

MSVOA_U

ClientSampleId :

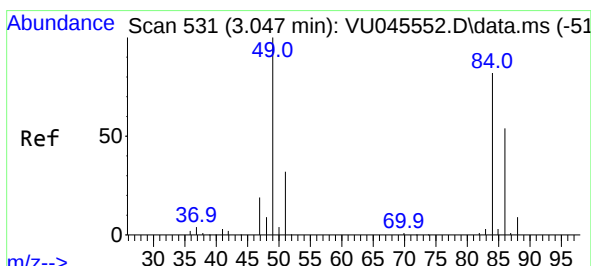
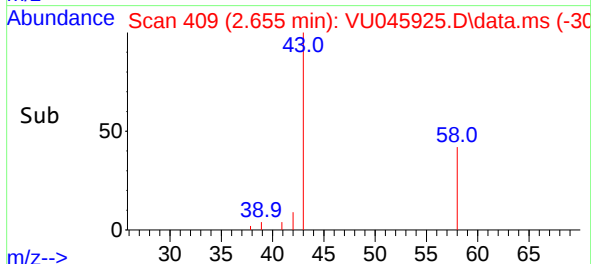
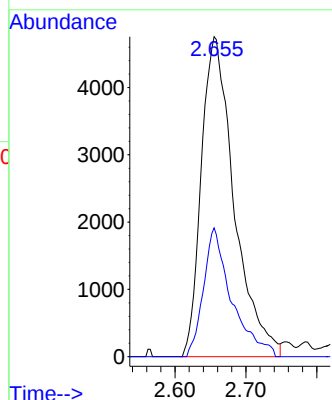
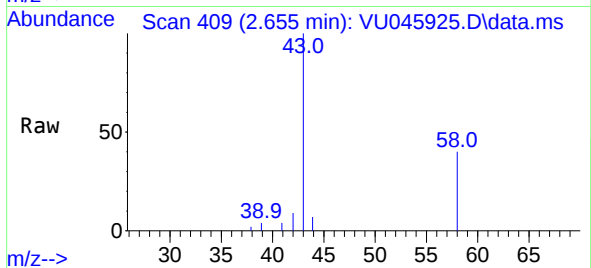
CC-1

Tgt Ion: 43 Resp: 15314

Ion Ratio Lower Upper

43 100

58 40.2 26.2 39.2#



#20

Methylene Chloride

Concen: 3.481 ug/l

RT: 3.051 min Scan# 532

Delta R.T. 0.003 min

Lab File: VU045925.D

Acq: 22 Nov 2021 19:24

Tgt Ion: 84 Resp: 5239

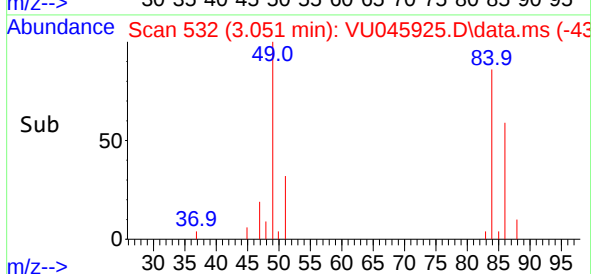
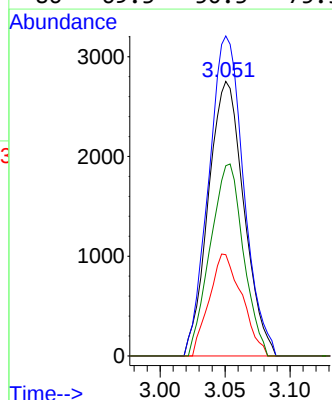
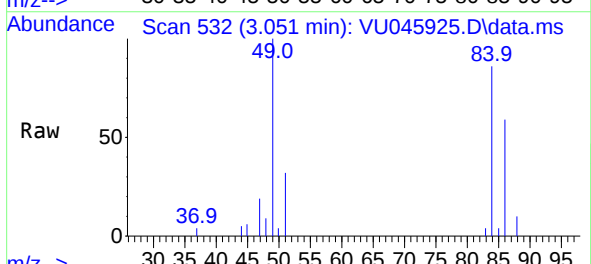
Ion Ratio Lower Upper

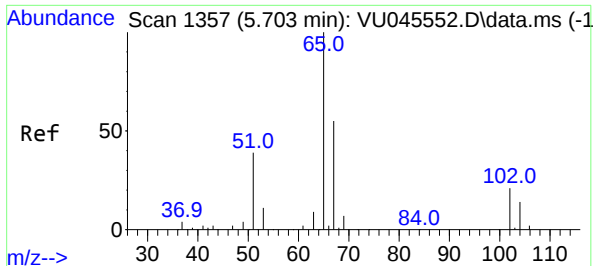
84 100

49 116.6 96.4 144.6

51 36.9 30.5 45.7

86 69.3 50.3 75.5

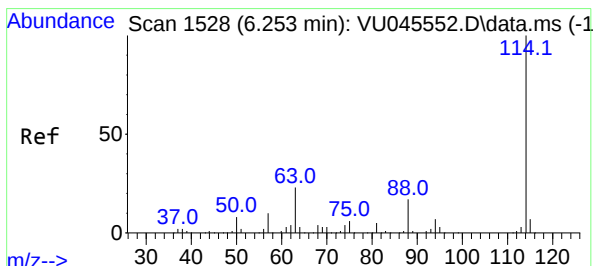
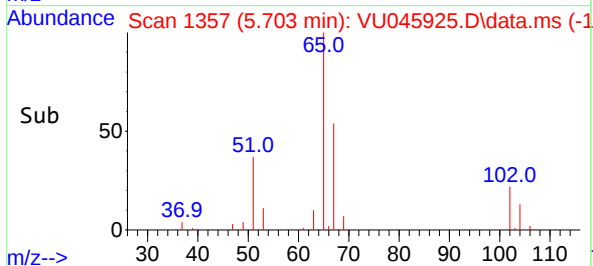
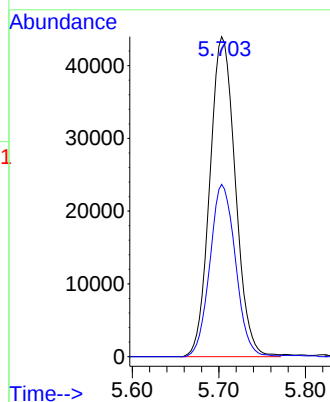
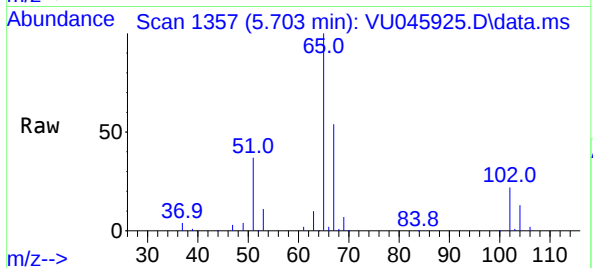




#33
1,2-Dichloroethane-d4
Concen: 52.941 ug/l
RT: 5.703 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045925.D
Acq: 22 Nov 2021 19:24

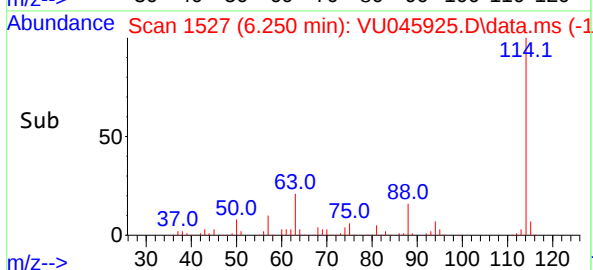
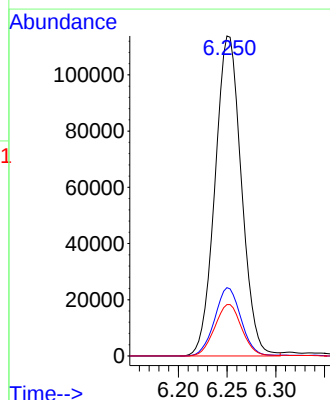
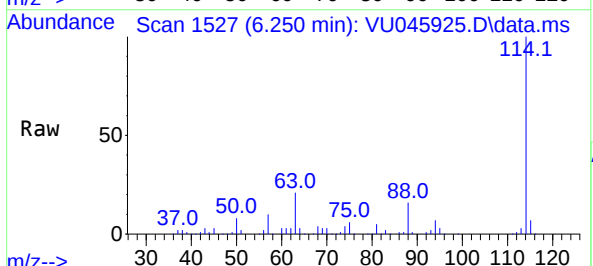
Instrument :
MSVOA_U
ClientSampleId :
CC-1

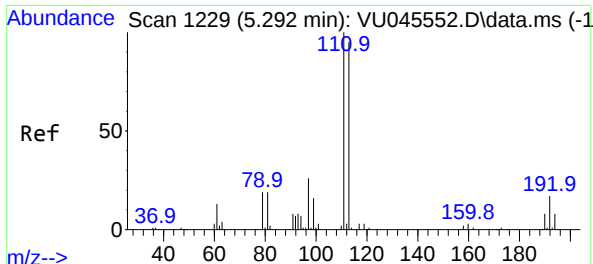
Tgt Ion: 65 Resp: 90092
Ion Ratio Lower Upper
65 100
67 53.9 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.250 min Scan# 1527
Delta R.T. -0.003 min
Lab File: VU045925.D
Acq: 22 Nov 2021 19:24

Tgt Ion:114 Resp: 214546
Ion Ratio Lower Upper
114 100
63 21.4 0.0 45.6
88 16.0 0.0 33.8

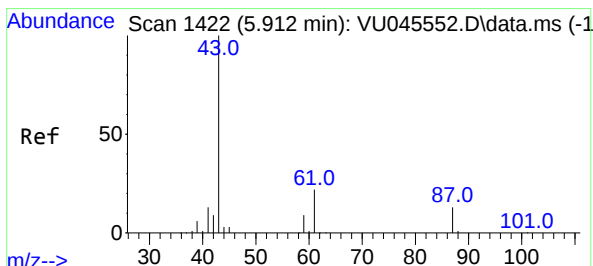
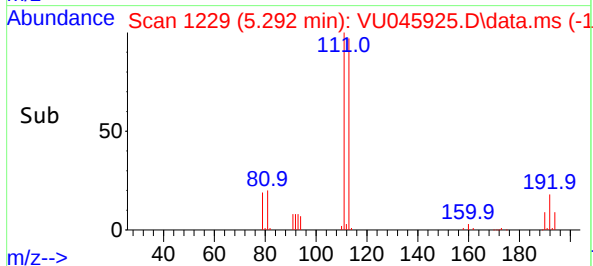
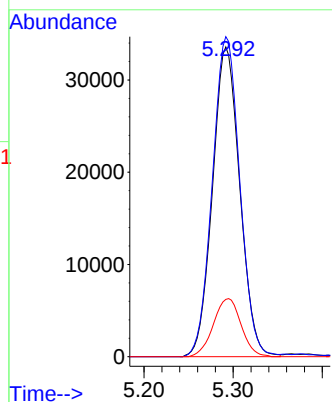
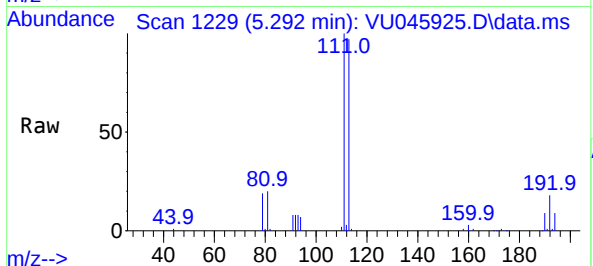




#35
Dibromofluoromethane
Concen: 49.861 ug/l
RT: 5.292 min Scan# 111
Delta R.T. -0.000 min
Lab File: VU045925.D
Acq: 22 Nov 2021 19:24

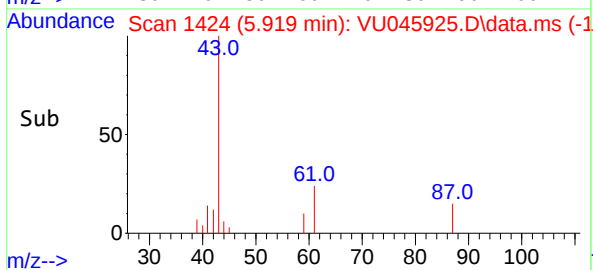
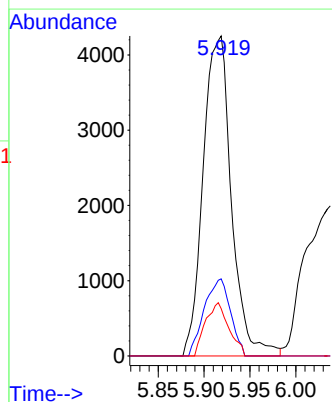
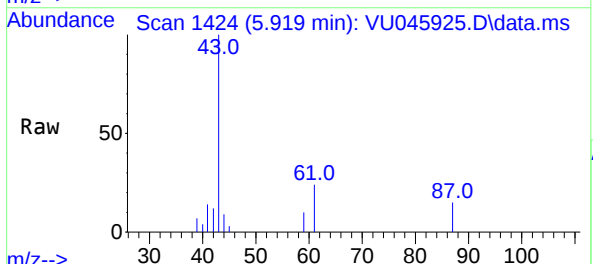
Instrument :
MSVOA_U
ClientSampleId :
CC-1

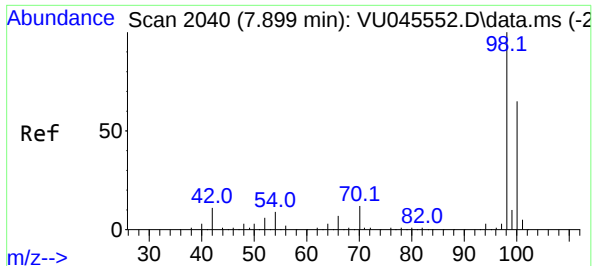
Tgt Ion:113 Resp: 71421
Ion Ratio Lower Upper
113 100
111 103.9 82.8 124.2
192 19.1 14.8 22.2



#43
Isopropyl Acetate
Concen: 2.483 ug/l
RT: 5.919 min Scan# 1424
Delta R.T. 0.006 min
Lab File: VU045925.D
Acq: 22 Nov 2021 19:24

Tgt Ion: 43 Resp: 9127
Ion Ratio Lower Upper
43 100
61 22.2 16.9 25.3
87 13.7 11.0 16.4

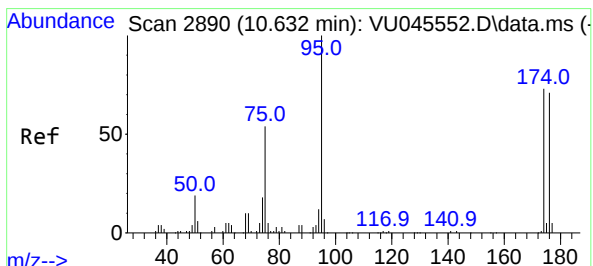
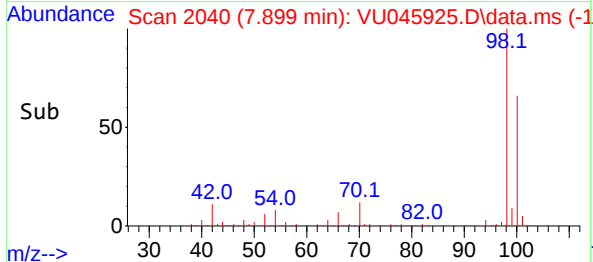
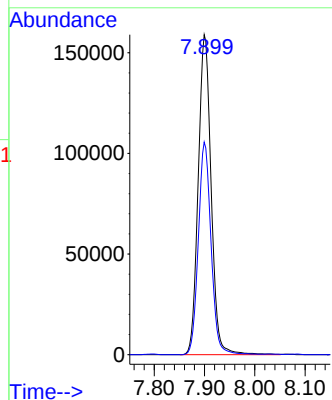
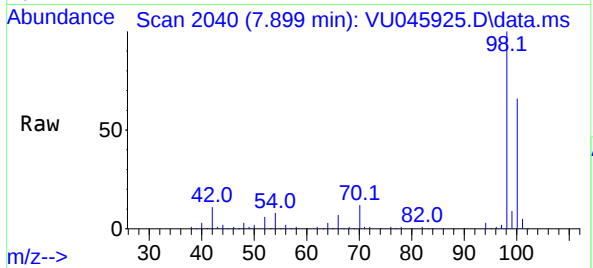




#50
Toluene-d8
Concen: 53.307 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU045925.D
Acq: 22 Nov 2021 19:24

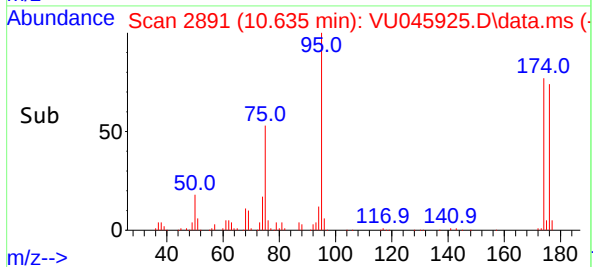
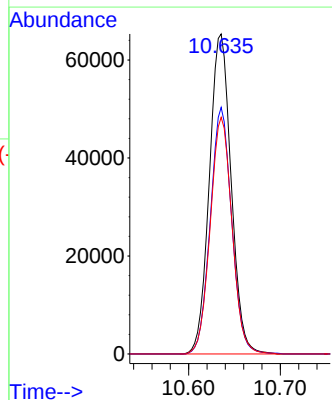
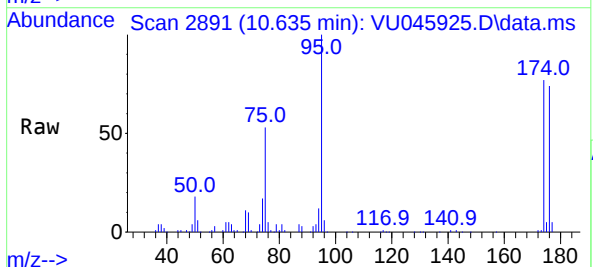
Instrument :
MSVOA_U
ClientSampleId :
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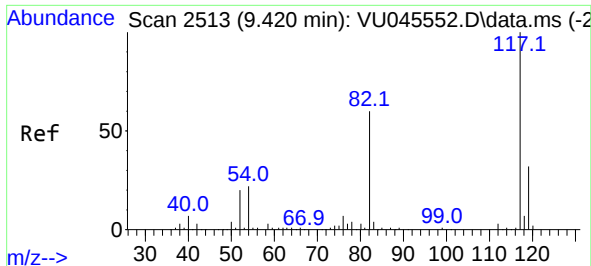
Tgt Ion: 98 Resp: 283932
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 50.521 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045925.D
Acq: 22 Nov 2021 19:24

Tgt Ion: 95 Resp: 107905
Ion Ratio Lower Upper
95 100
174 75.8 0.0 141.8
176 73.9 0.0 138.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.420 min Scan# 2

Delta R.T. 0.000 min

Lab File: VU045925.D

Acq: 22 Nov 2021 19:24

Instrument :

MSVOA_U

ClientSampleId :

CC-1

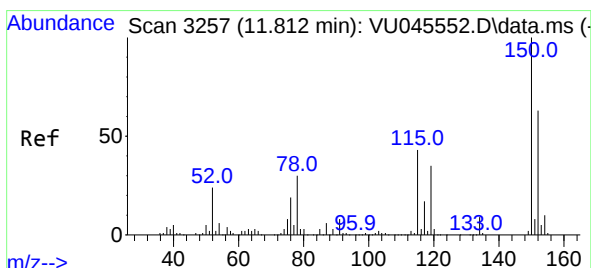
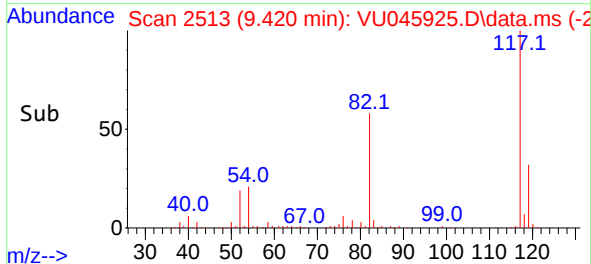
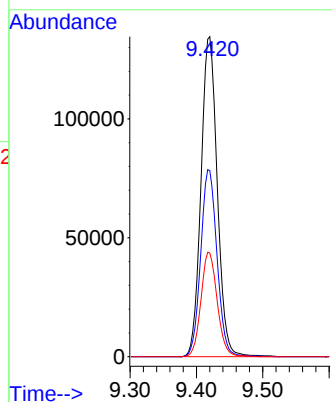
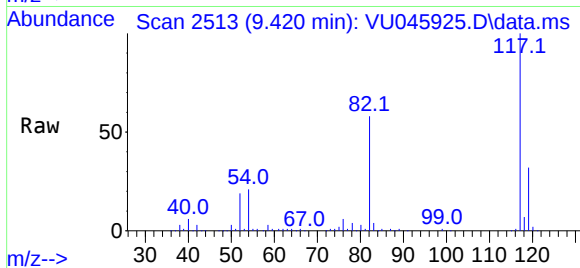
Tgt Ion:117 Resp: 229368

Ion Ratio Lower Upper

117 100

82 58.2 47.8 71.8

119 32.4 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: VU045925.D

Acq: 22 Nov 2021 19:24

Tgt Ion:152 Resp: 112020

Ion Ratio Lower Upper

152 100

115 61.9 42.7 128.1

150 157.1 0.0 346.8

