

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112221\
 Data File : VU045927.D
 Acq On : 22 Nov 2021 20:09
 Operator : SY/MD
 Sample : M4770-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CC-3

Quant Time: Nov 23 05:19:36 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)

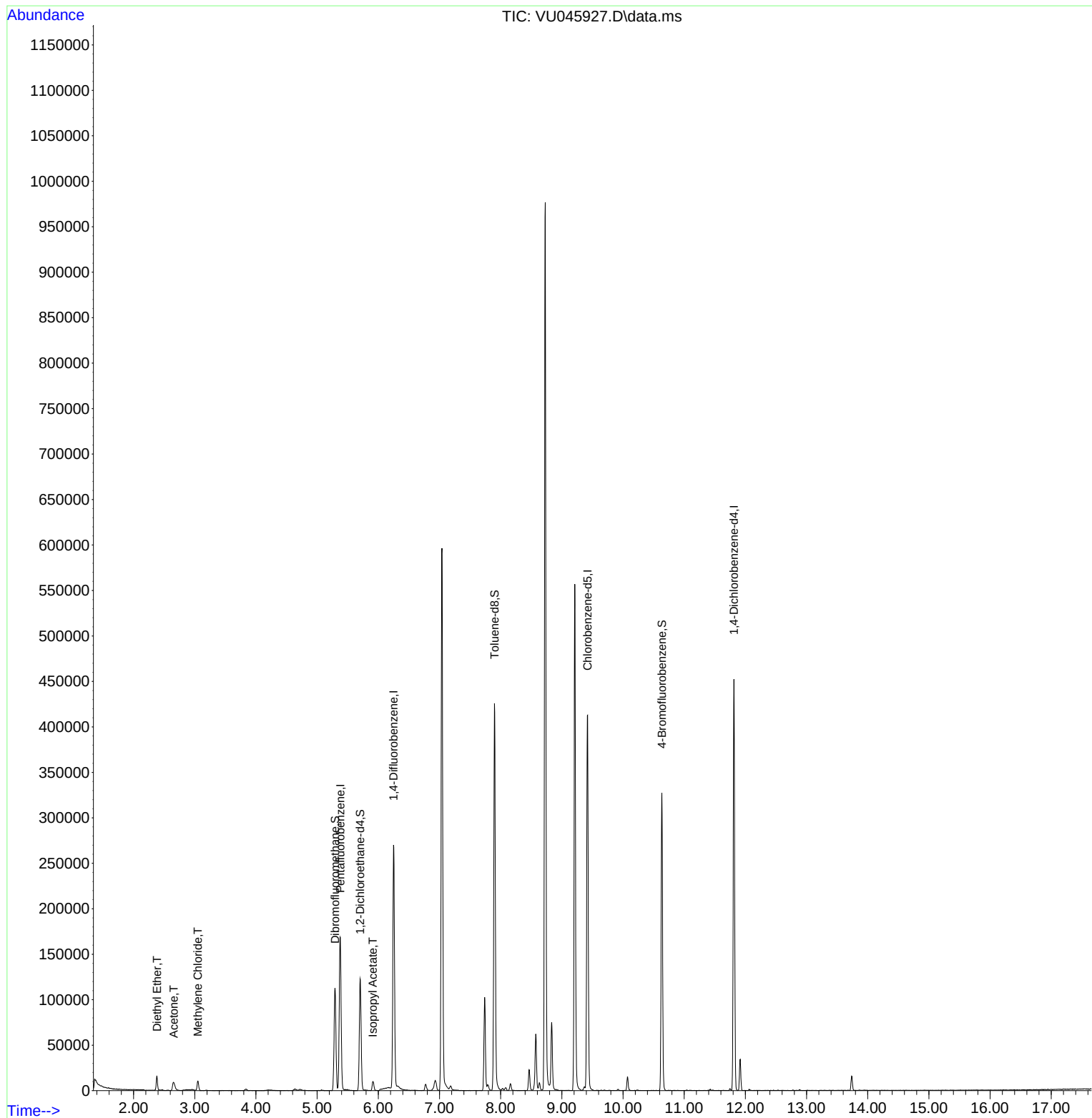
Internal Standards						
1) Pentafluorobenzene	5.379	168	115474	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	212017	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	231266	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	114810	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	90554	52.363	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.720%
35) Dibromofluoromethane	5.292	113	72577	51.272	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.540%
50) Toluene-d8	7.899	98	287842	54.685	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	109.380%
62) 4-Bromofluorobenzene	10.636	95	110864	52.525	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.060%
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.382	74	5667	6.488	ug/l	97
16) Acetone	2.655	43	16971	19.278	ug/l	98
20) Methylene Chloride	3.051	84	4965	3.246	ug/l	94
43) Isopropyl Acetate	5.912	43	11074	3.049	ug/l	98

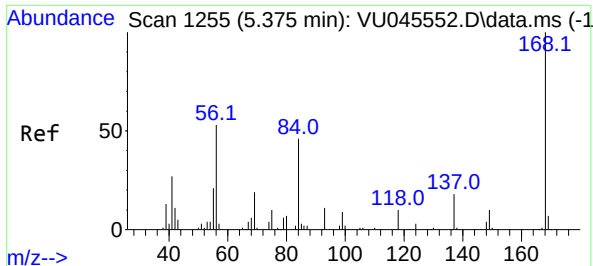
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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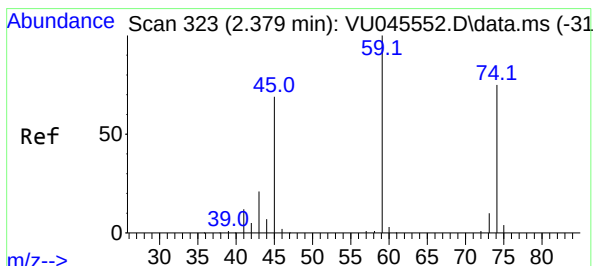
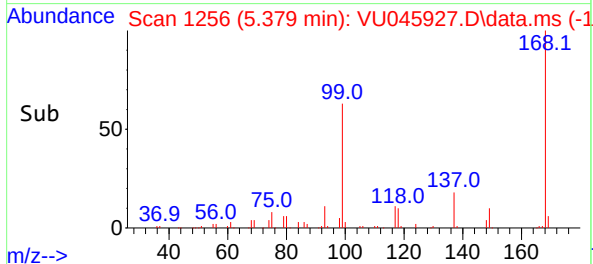
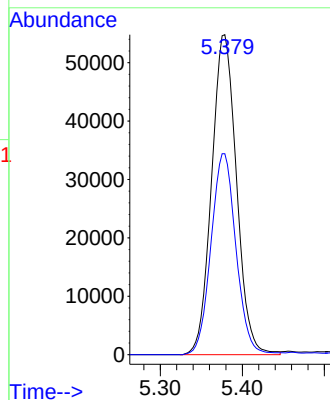
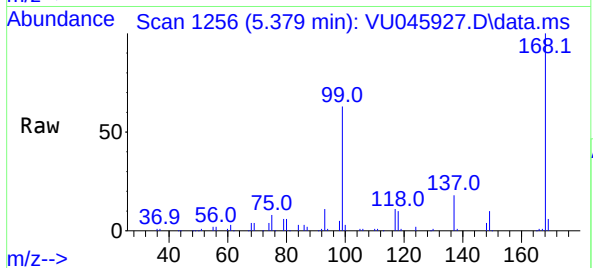




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU045927.D
Acq: 22 Nov 2021 20:09

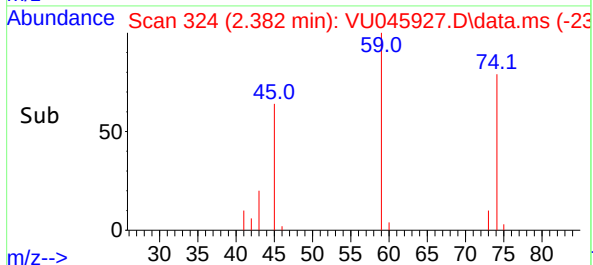
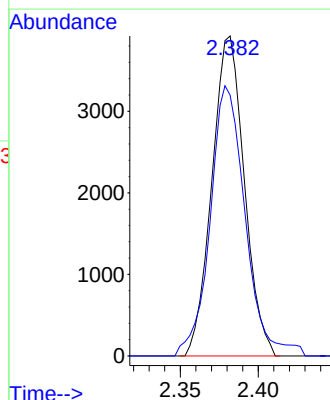
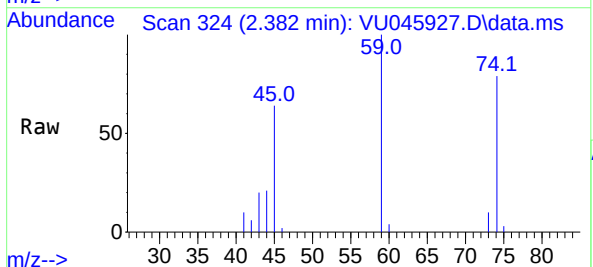
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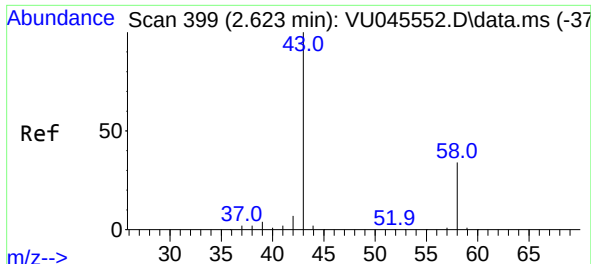
Tgt Ion:168 Resp: 115474
Ion Ratio Lower Upper
168 100
99 62.8 51.0 76.6



#8
Diethyl Ether
Concen: 6.488 ug/l
RT: 2.382 min Scan# 324
Delta R.T. 0.003 min
Lab File: VU045927.D
Acq: 22 Nov 2021 20:09

Tgt Ion: 74 Resp: 5667
Ion Ratio Lower Upper
74 100
45 91.3 47.3 141.8

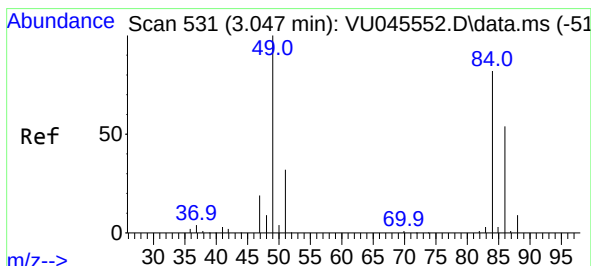
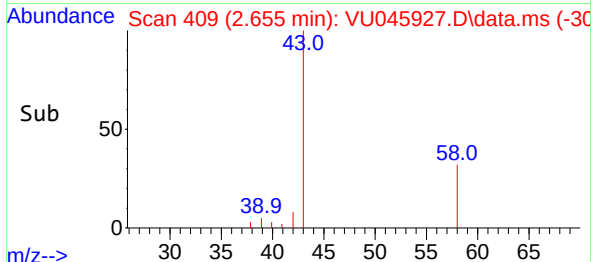
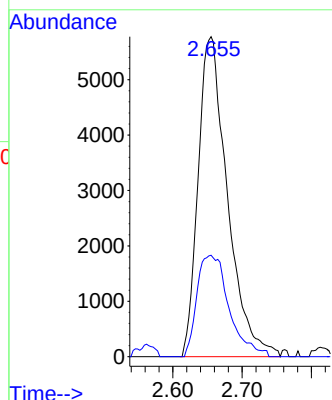
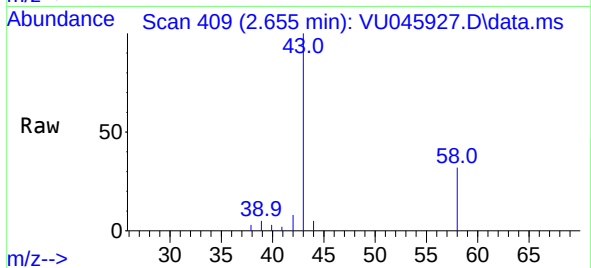




#16
Acetone
Concen: 19.278 ug/l
RT: 2.655 min Scan# 409
Delta R.T. 0.032 min
Lab File: VU045927.D
Acq: 22 Nov 2021 20:09

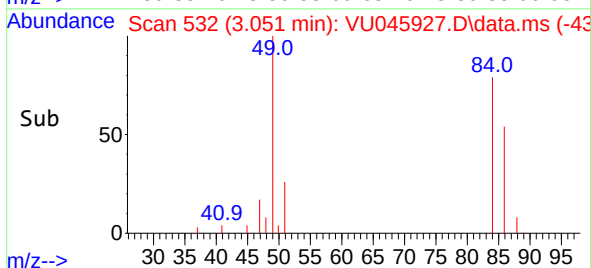
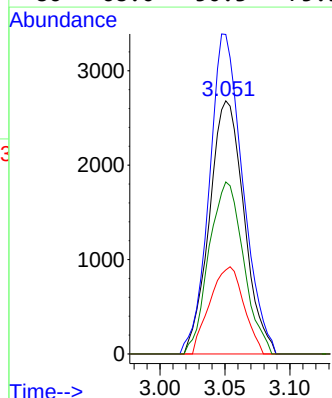
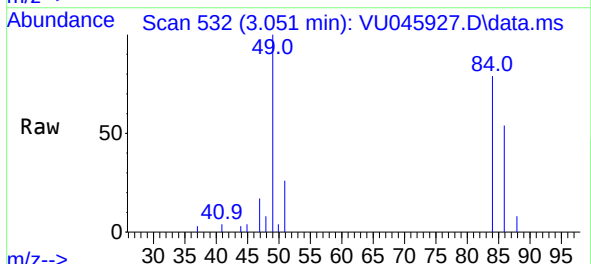
Instrument :
MSVOA_U
ClientSampleId :
CC-3

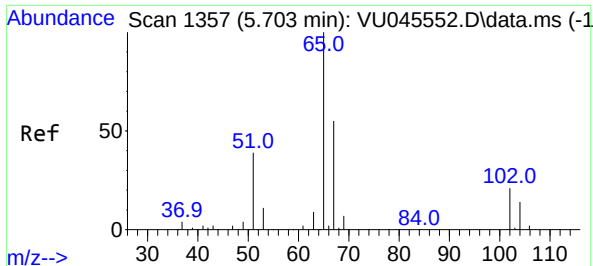
Tgt Ion: 43 Resp: 16971
Ion Ratio Lower Upper
43 100
58 31.7 26.2 39.2



#20
Methylene Chloride
Concen: 3.246 ug/l
RT: 3.051 min Scan# 532
Delta R.T. 0.003 min
Lab File: VU045927.D
Acq: 22 Nov 2021 20:09

Tgt Ion: 84 Resp: 4965
Ion Ratio Lower Upper
84 100
49 126.3 96.4 144.6
51 33.2 30.5 45.7
86 68.0 50.3 75.5

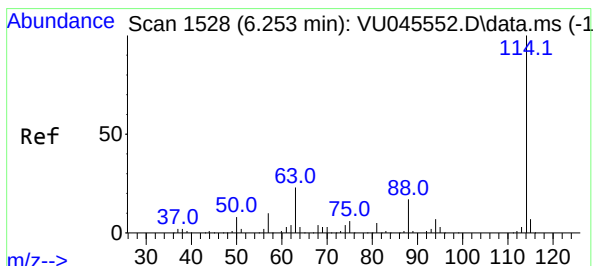
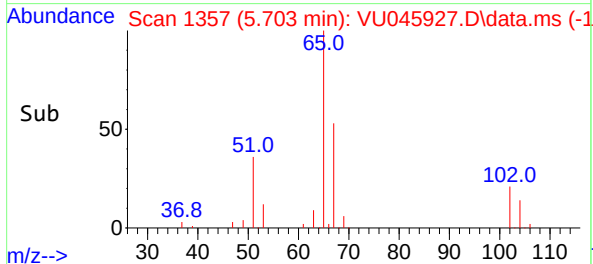
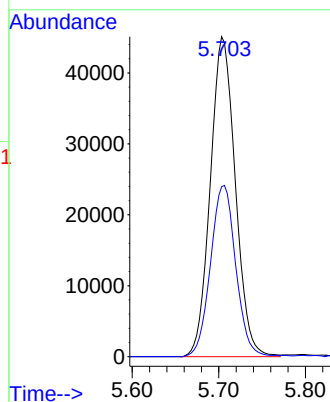
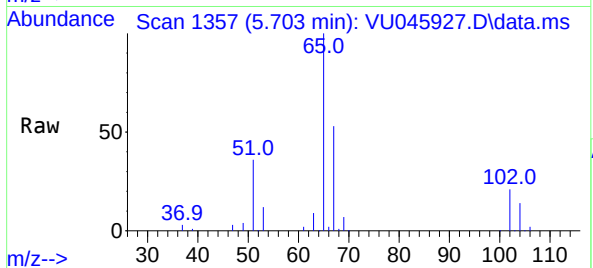




#33
1,2-Dichloroethane-d4
Concen: 52.363 ug/l
RT: 5.703 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045927.D
Acq: 22 Nov 2021 20:09

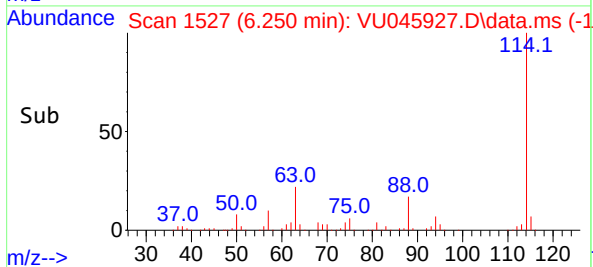
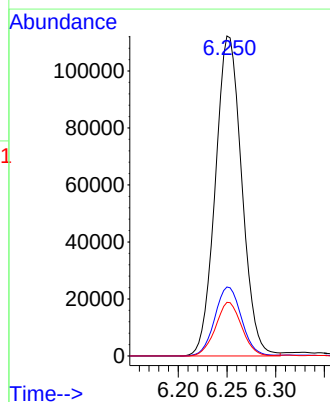
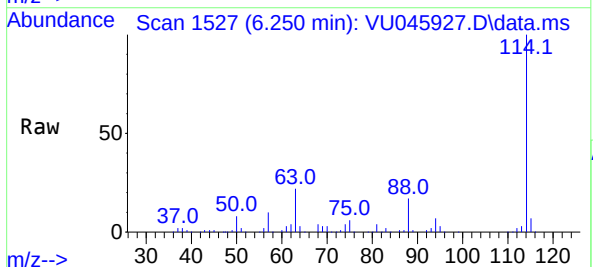
Instrument :
MSVOA_U
ClientSampleId :
CC-3

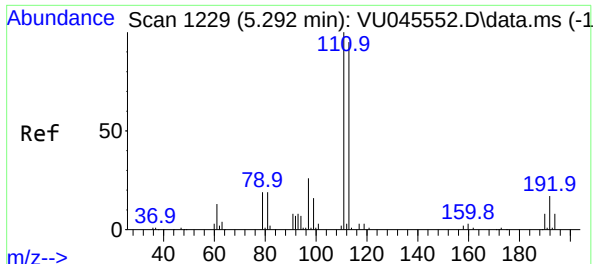
Tgt Ion: 65 Resp: 90554
Ion Ratio Lower Upper
65 100
67 54.1 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.250 min Scan# 1527
Delta R.T. -0.003 min
Lab File: VU045927.D
Acq: 22 Nov 2021 20:09

Tgt Ion: 114 Resp: 212017
Ion Ratio Lower Upper
114 100
63 21.5 0.0 45.6
88 16.8 0.0 33.8





#35

Dibromofluoromethane

Concen: 51.272 ug/l

RT: 5.292 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045927.D

Acq: 22 Nov 2021 20:09

Instrument :

MSVOA_U

ClientSampleId :

CC-3

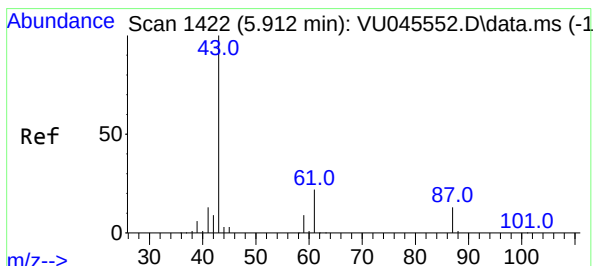
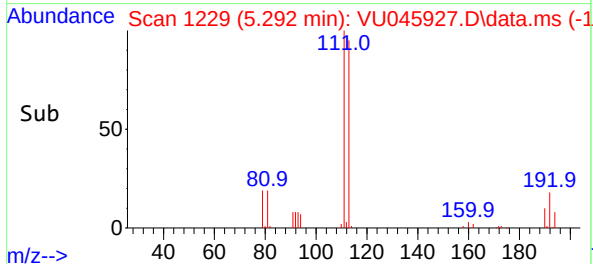
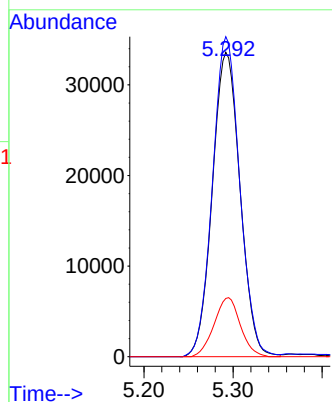
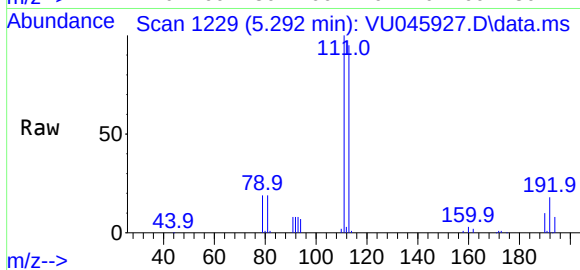
Tgt Ion:113 Resp: 72577

Ion Ratio Lower Upper

113 100

111 103.3 82.8 124.2

192 18.4 14.8 22.2



#43

Isopropyl Acetate

Concen: 3.049 ug/l

RT: 5.912 min Scan# 1422

Delta R.T. 0.000 min

Lab File: VU045927.D

Acq: 22 Nov 2021 20:09

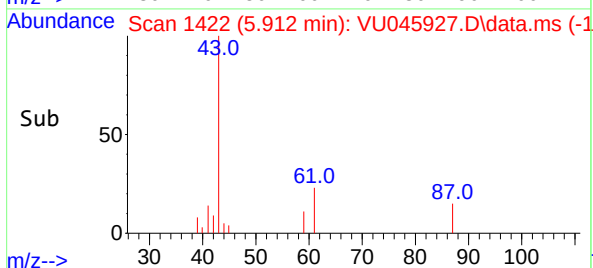
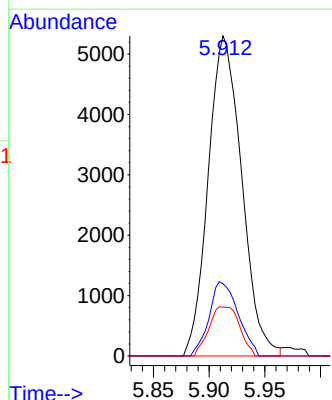
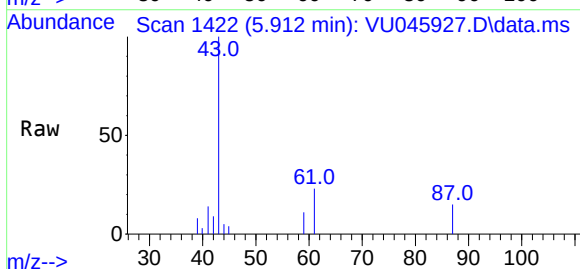
Tgt Ion: 43 Resp: 11074

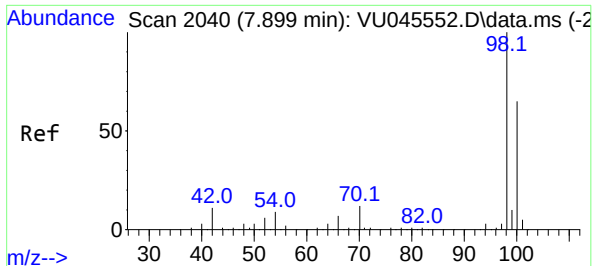
Ion Ratio Lower Upper

43 100

61 20.1 16.9 25.3

87 14.0 11.0 16.4

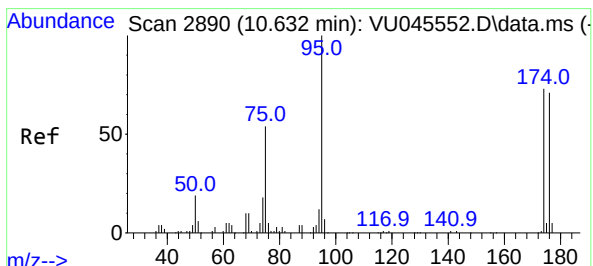
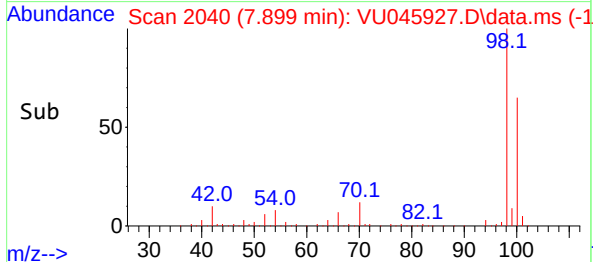
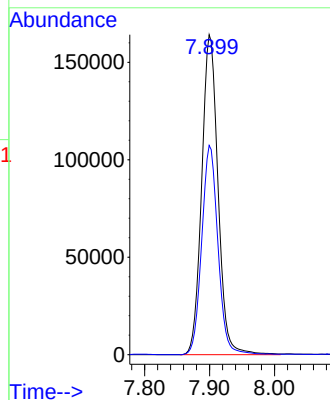
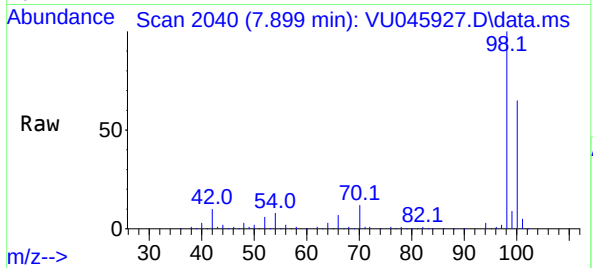




#50
Toluene-d8
Concen: 54.685 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU045927.D
Acq: 22 Nov 2021 20:09

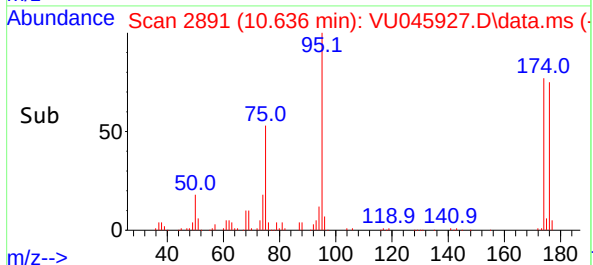
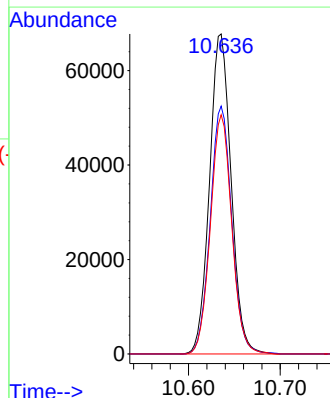
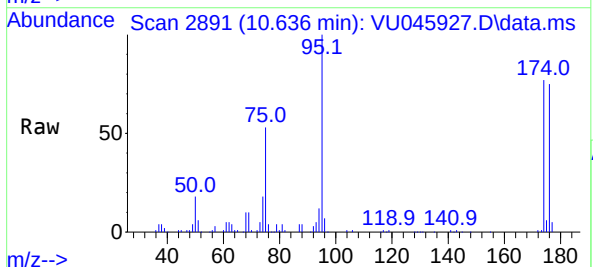
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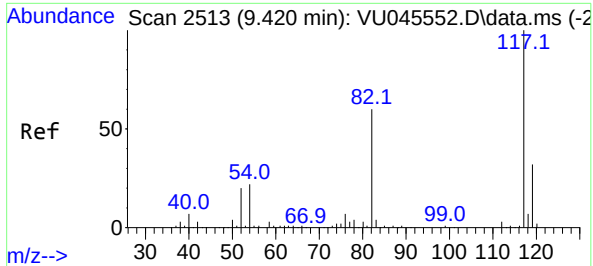
Tgt Ion: 98 Resp: 287842
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 52.525 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045927.D
Acq: 22 Nov 2021 20:09

Tgt Ion: 95 Resp: 110864
Ion Ratio Lower Upper
95 100
174 77.3 0.0 141.8
176 73.9 0.0 138.2

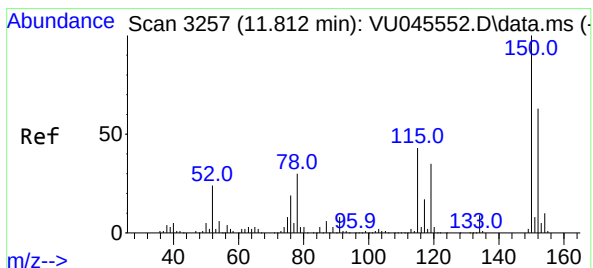
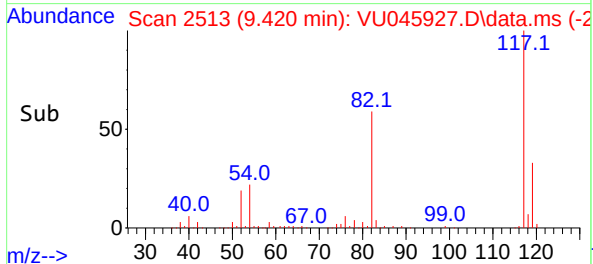
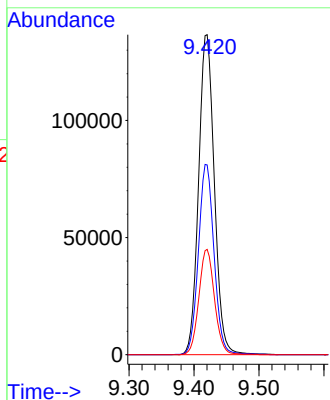
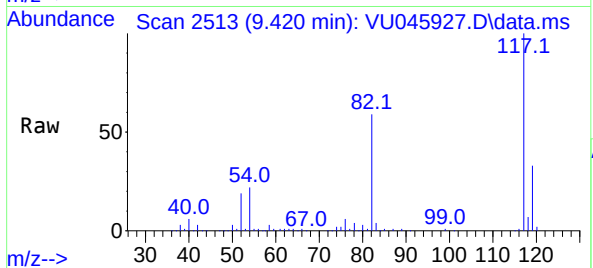




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045927.D
Acq: 22 Nov 2021 20:09

Instrument :
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Tgt Ion:117 Resp: 231266
Ion Ratio Lower Upper
117 100
82 59.3 47.8 71.8
119 32.9 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: VU045927.D
Acq: 22 Nov 2021 20:09

Tgt Ion:152 Resp: 114810
Ion Ratio Lower Upper
152 100
115 62.0 42.7 128.1
150 158.0 0.0 346.8

