

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
 Data File : VU044990.D
 Acq On : 29 Sep 2021 14:06
 Operator : SY/MD
 Sample : M3962-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 UNDERPASS

Quant Time: Sep 29 14:24:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

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

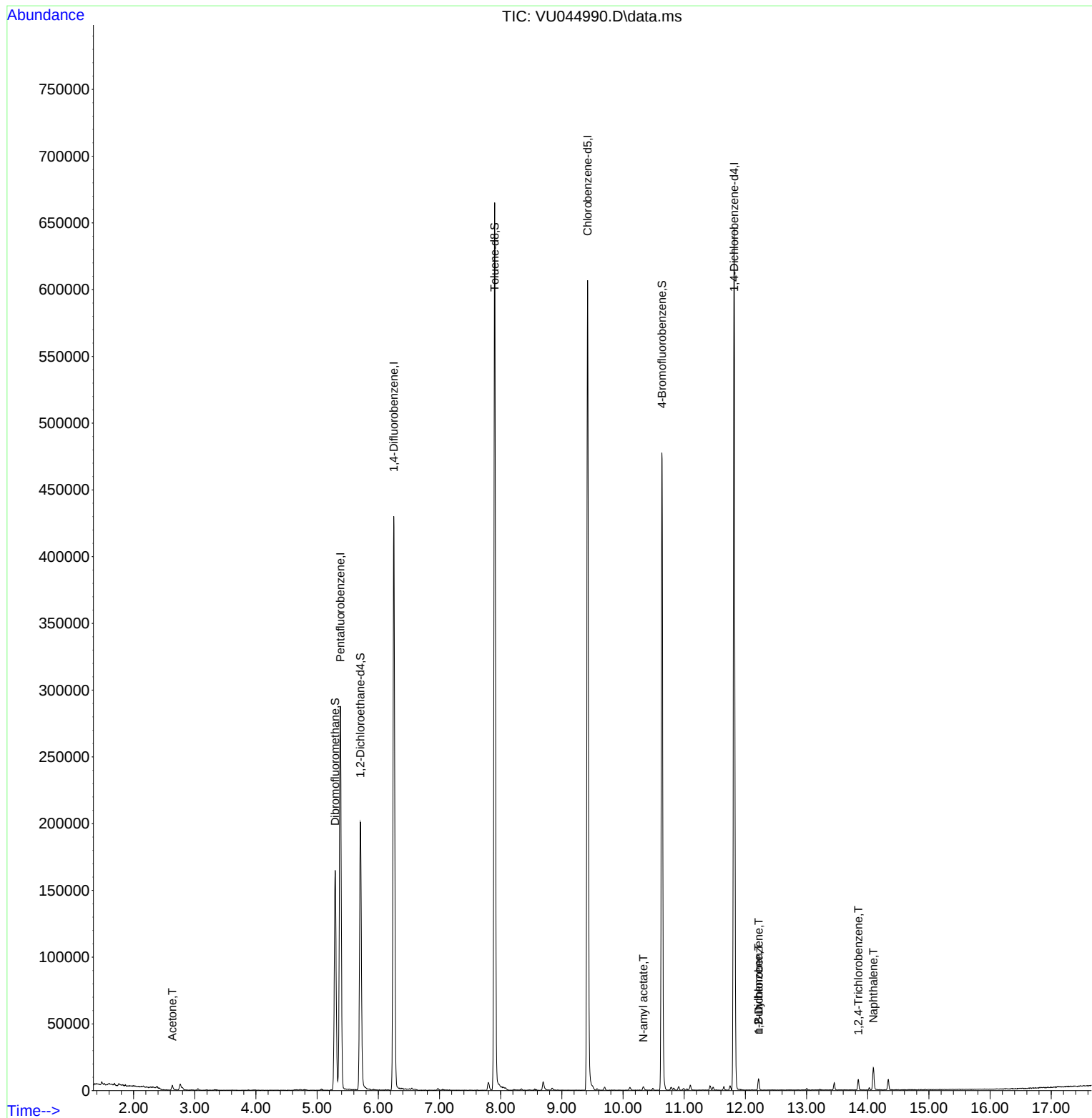
Internal Standards						
1) Pentafluorobenzene	5.378	168	188970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	334972	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	325340	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	157602	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	156297	49.69	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.38%
35) Dibromofluoromethane	5.295	113	106650	50.47	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.94%
50) Toluene-d8	7.902	98	433470	51.92	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.84%
62) 4-Bromofluorobenzene	10.635	95	160407	46.53	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.06%
Target Compounds						
					Qvalue	
16) Acetone	2.633	43	4559	2.44	ug/l	97
74) N-amyl acetate	10.333	43	1869	0.32	ug/l #	92
89) n-Butylbenzene	12.214	91	3453	0.36	ug/l	98
91) 1,2-Dichlorobenzene	12.217	146	1608	0.29	ug/l	98
93) 1,2,4-Trichlorobenzene	13.848	180	2692	0.87	ug/l	91
95) Naphthalene	14.092	128	14676	1.26	ug/l	99

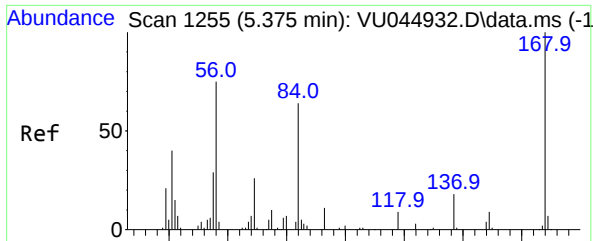
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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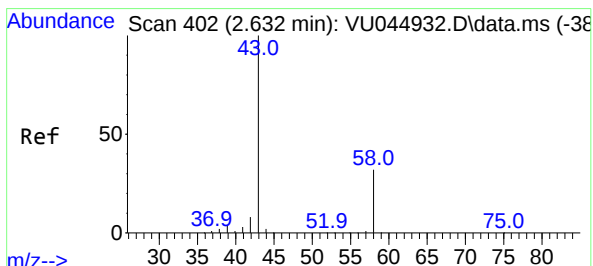
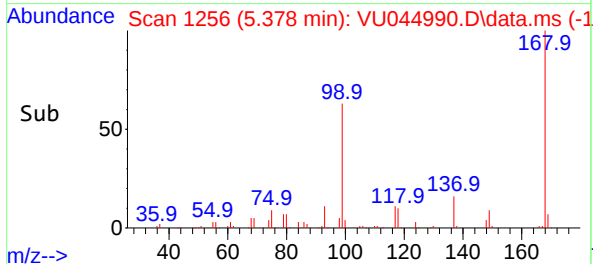
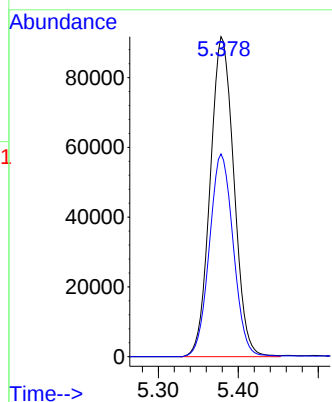
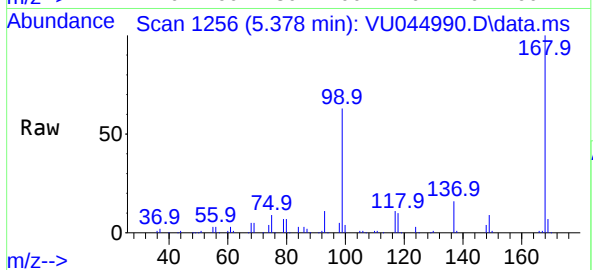




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. 0.003 min
Lab File: VU044990.D
Acq: 29 Sep 2021 14:06

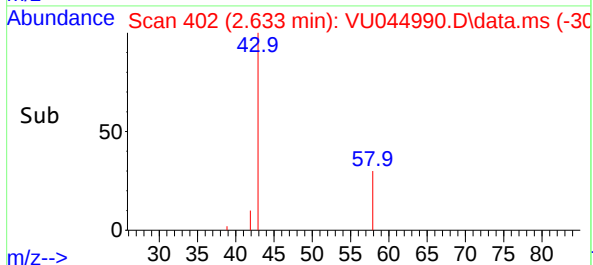
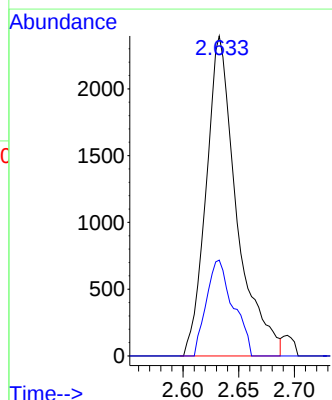
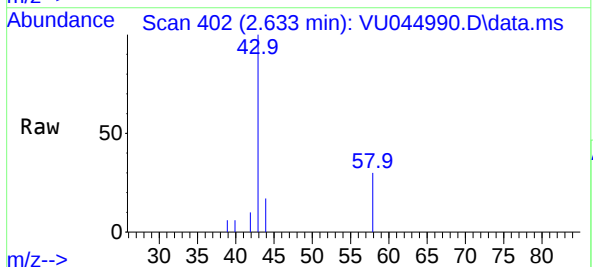
Instrument :
MSVOA_U
ClientSampleId :
UNDERPASS

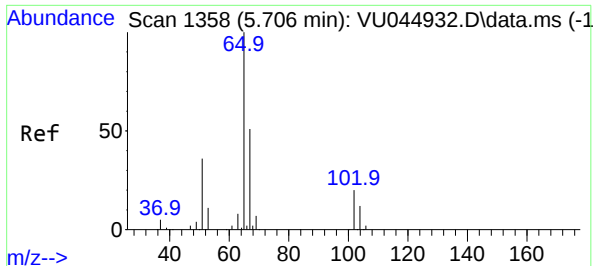
Tgt Ion:168 Resp: 188970
Ion Ratio Lower Upper
168 100
99 63.3 51.4 77.0



#16
Acetone
Concen: 2.44 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.001 min
Lab File: VU044990.D
Acq: 29 Sep 2021 14:06

Tgt Ion: 43 Resp: 4559
Ion Ratio Lower Upper
43 100
58 30.0 25.2 37.8



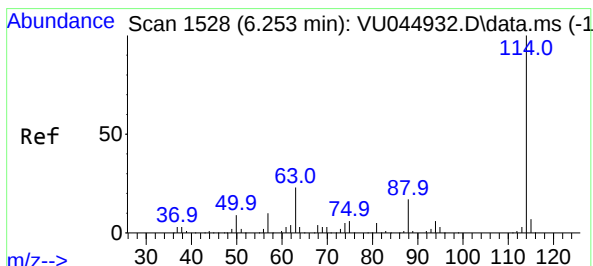
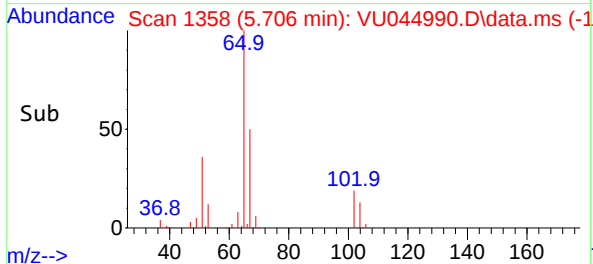
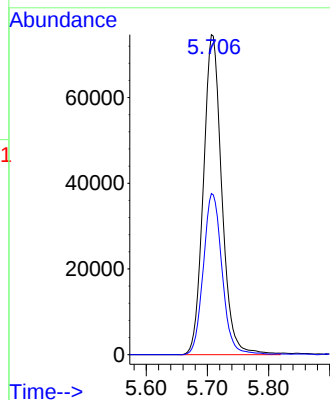
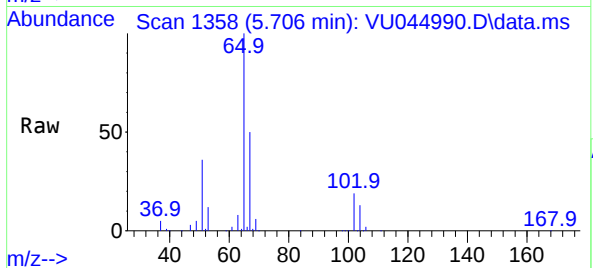


#33

1,2-Dichloroethane-d4
Concen: 49.69 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VU044990.D
Acq: 29 Sep 2021 14:06

Instrument :
MSVOA_U
ClientSampled :
UNDERPASS

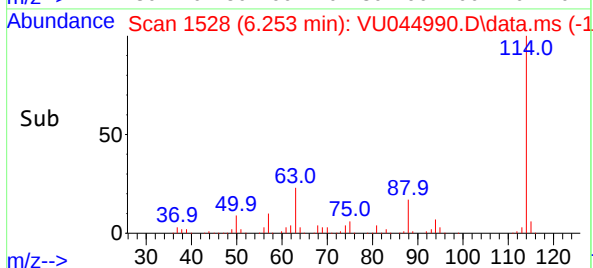
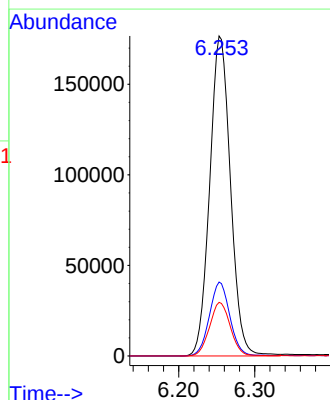
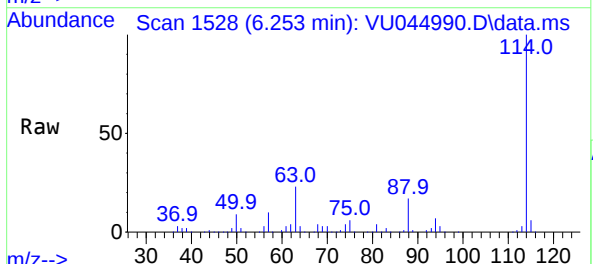
Tgt Ion: 65 Resp: 156297
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.8

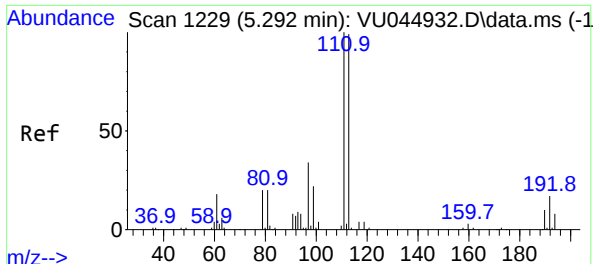


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VU044990.D
Acq: 29 Sep 2021 14:06

Tgt Ion: 114 Resp: 334972
Ion Ratio Lower Upper
114 100
63 23.1 0.0 47.8
88 16.8 0.0 32.8

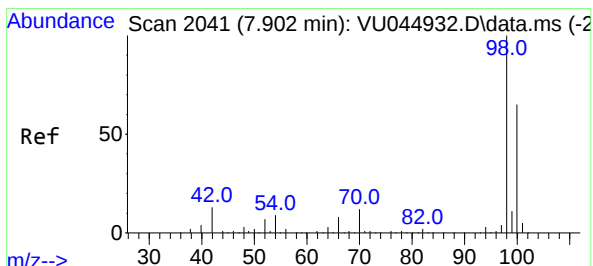
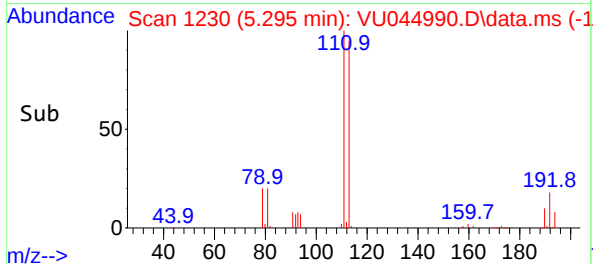
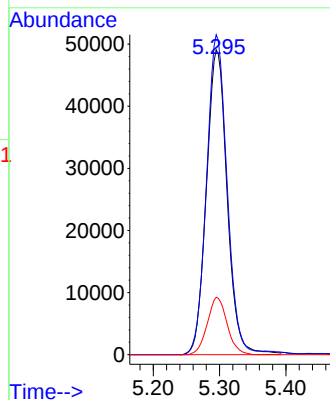
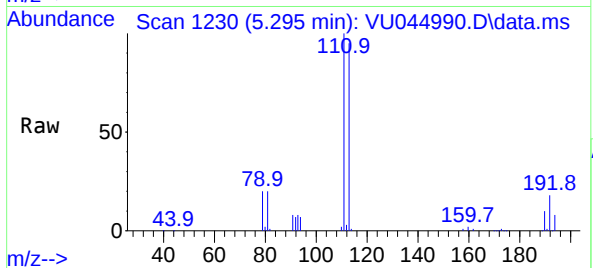




#35
Dibromofluoromethane
Concen: 50.47 ug/l
RT: 5.295 min Scan# 1230
Delta R.T. 0.003 min
Lab File: VU044990.D
Acq: 29 Sep 2021 14:06

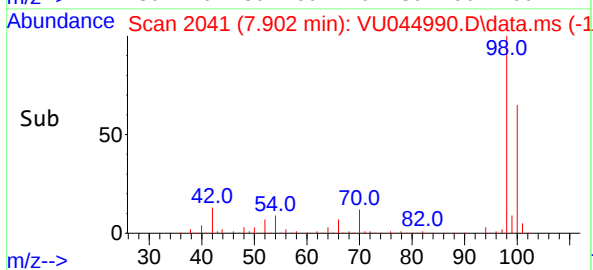
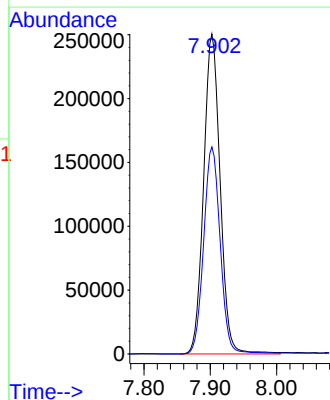
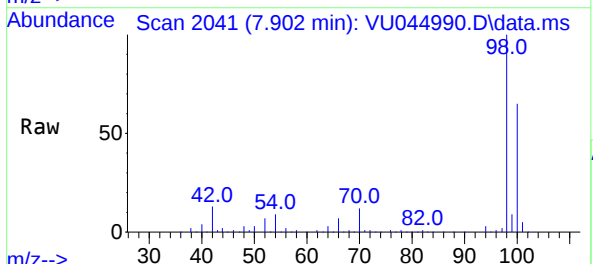
Instrument :
MSVOA_U
ClientSampleId :
UNDERPASS

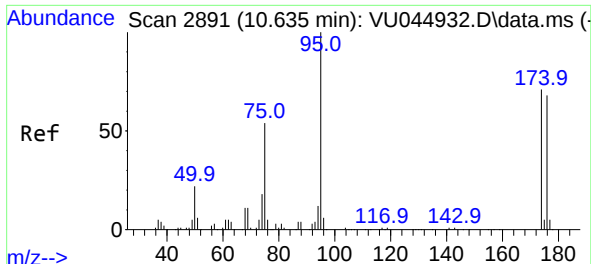
Tgt Ion:113 Resp: 106650
Ion Ratio Lower Upper
113 100
111 103.7 84.1 126.1
192 18.1 14.8 22.2



#50
Toluene-d8
Concen: 51.92 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU044990.D
Acq: 29 Sep 2021 14:06

Tgt Ion: 98 Resp: 433470
Ion Ratio Lower Upper
98 100
100 64.8 52.5 78.7

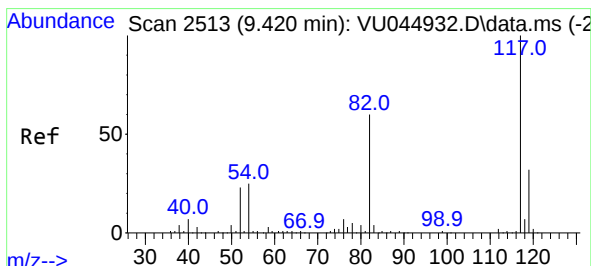
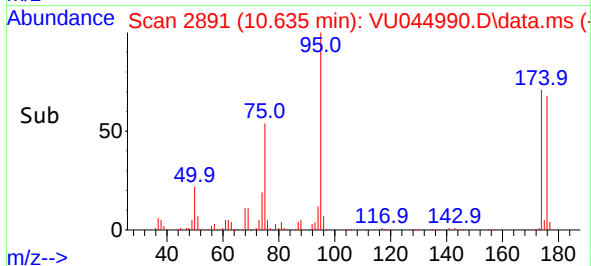
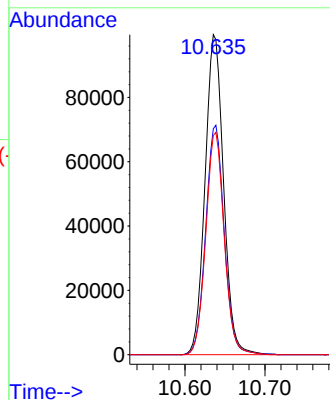
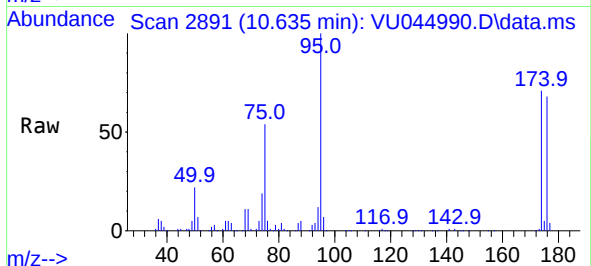




#62
4-Bromofluorobenzene
Concen: 46.53 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU044990.D
Acq: 29 Sep 2021 14:06

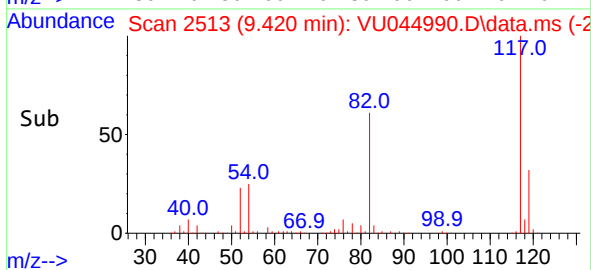
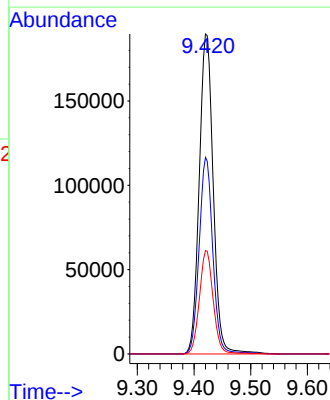
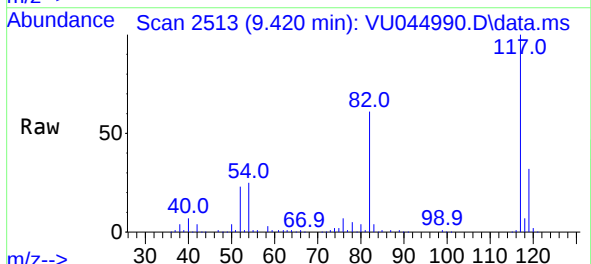
Instrument :
MSVOA_U
ClientSampleId :
UNDERPASS

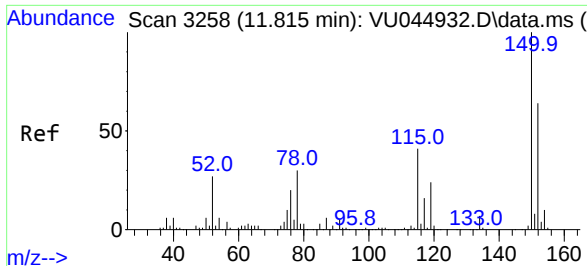
Tgt Ion: 95 Resp: 160407
Ion Ratio Lower Upper
95 100
174 72.0 0.0 146.6
176 69.1 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU044990.D
Acq: 29 Sep 2021 14:06

Tgt Ion: 117 Resp: 325340
Ion Ratio Lower Upper
117 100
82 61.4 47.8 71.8
119 32.3 25.8 38.6

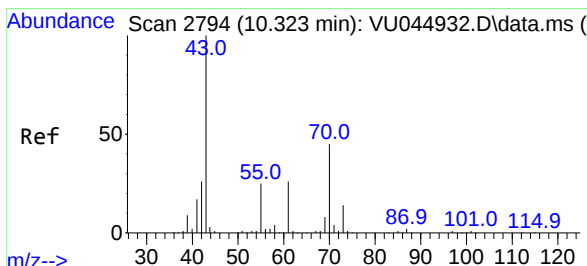
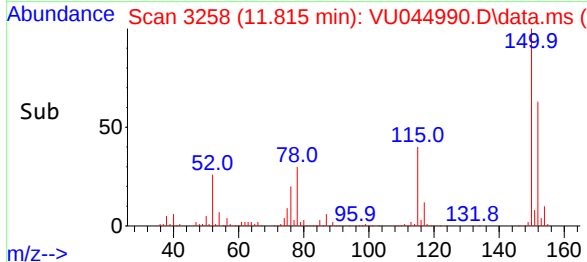
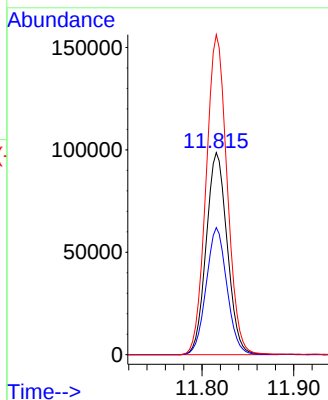
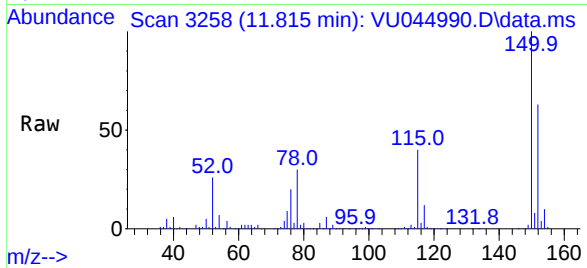




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.815 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VU044990.D
Acq: 29 Sep 2021 14:06

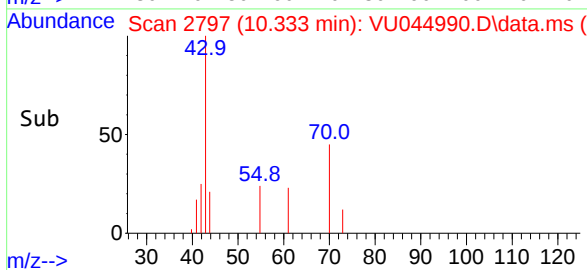
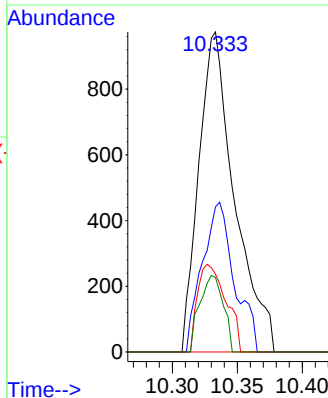
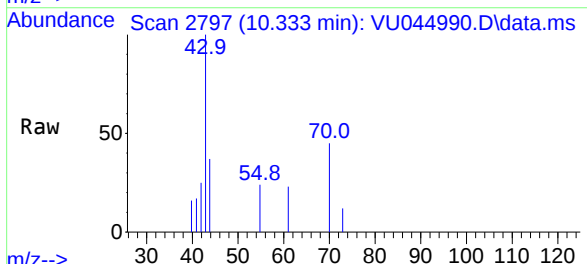
Instrument :
MSVOA_U
ClientSampled :
UNDERPASS

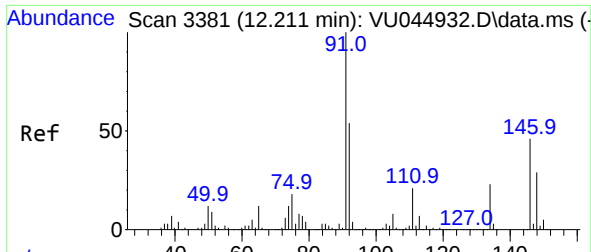
Tgt Ion:152 Resp: 157602
Ion Ratio Lower Upper
152 100
115 62.1 43.5 130.7
150 158.1 0.0 350.0



#74
N-ethyl acetate
Concen: 0.32 ug/l
RT: 10.333 min Scan# 2797
Delta R.T. 0.010 min
Lab File: VU044990.D
Acq: 29 Sep 2021 14:06

Tgt Ion: 43 Resp: 1869
Ion Ratio Lower Upper
43 100
70 42.0 35.1 52.7
55 21.6 20.5 30.7
61 15.7 19.6 29.4#





#89

n-Butylbenzene

Concen: 0.36 ug/l

RT: 12.214 min Scan# 3382

Delta R.T. 0.003 min

Lab File: VU044990.D

Acq: 29 Sep 2021 14:06

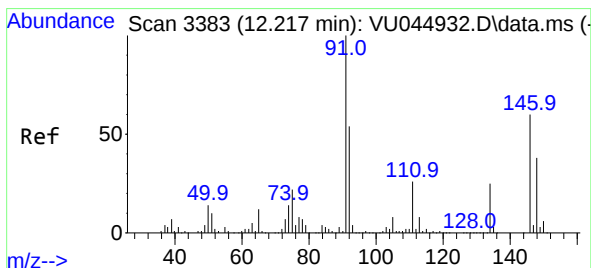
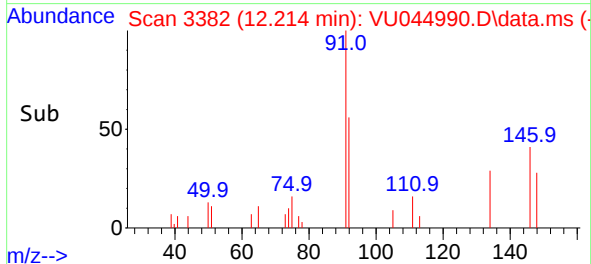
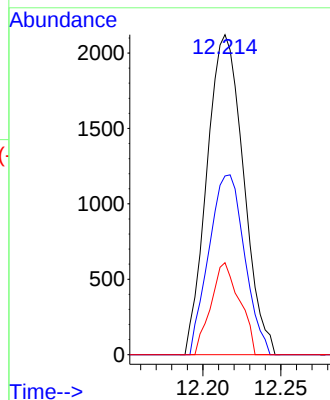
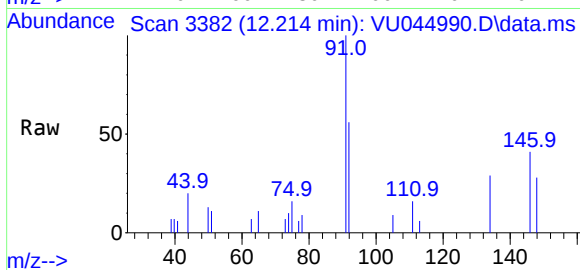
Tgt Ion: 91 Resp: 3453

Ion Ratio Lower Upper

91 100

92 55.0 26.8 80.4

134 22.6 11.8 35.4



#91

1,2-Dichlorobenzene

Concen: 0.29 ug/l

RT: 12.217 min Scan# 3383

Delta R.T. 0.000 min

Lab File: VU044990.D

Acq: 29 Sep 2021 14:06

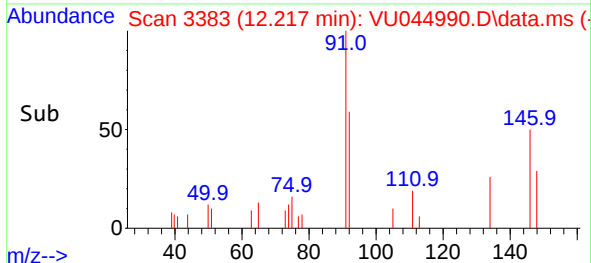
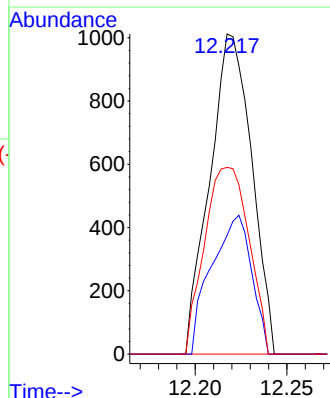
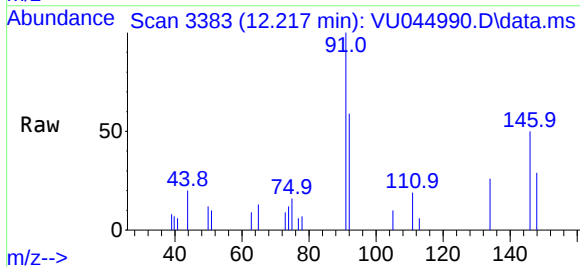
Tgt Ion: 146 Resp: 1608

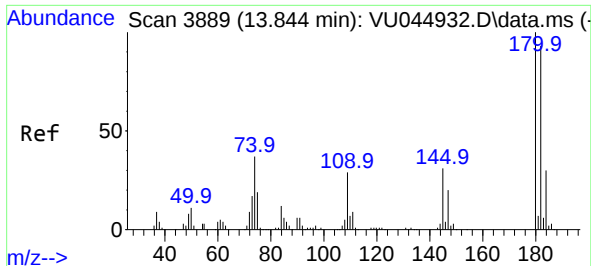
Ion Ratio Lower Upper

146 100

111 41.7 21.4 64.3

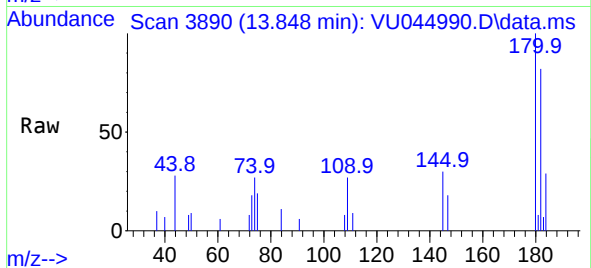
148 61.9 31.8 95.3



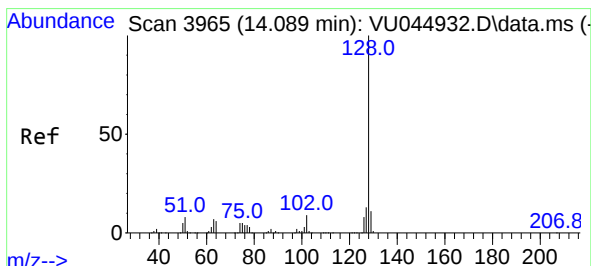
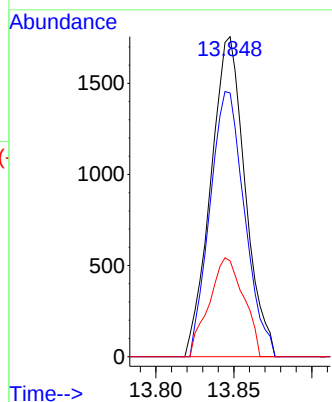
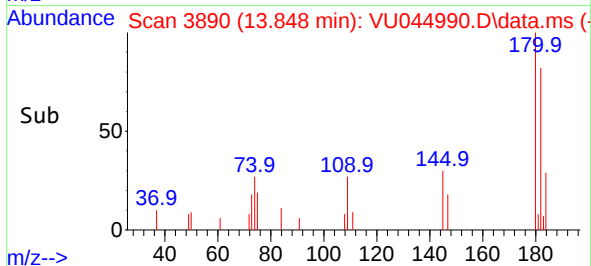


#93
1,2,4-Trichlorobenzene
Concen: 0.87 ug/l
RT: 13.848 min Scan# 3890
Delta R.T. 0.004 min
Lab File: VU044990.D
Acq: 29 Sep 2021 14:06

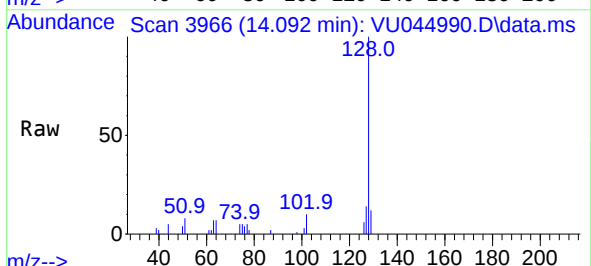
Instrument :
MSVOA_U
ClientSampled :
UNDERPASS



Tgt Ion:180 Resp: 2692
Ion Ratio Lower Upper
180 100
182 83.5 47.4 142.3
145 31.1 15.4 46.2



#95
Naphthalene
Concen: 1.26 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU044990.D
Acq: 29 Sep 2021 14:06



Tgt Ion:128 Resp: 14676
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.0 8.6 13.0

