

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
 Data File : VU044978.D
 Acq On : 29 Sep 2021 06:27
 Operator : SY/MD
 Sample : M3952-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-4

Quant Time: Sep 29 07:59:16 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)

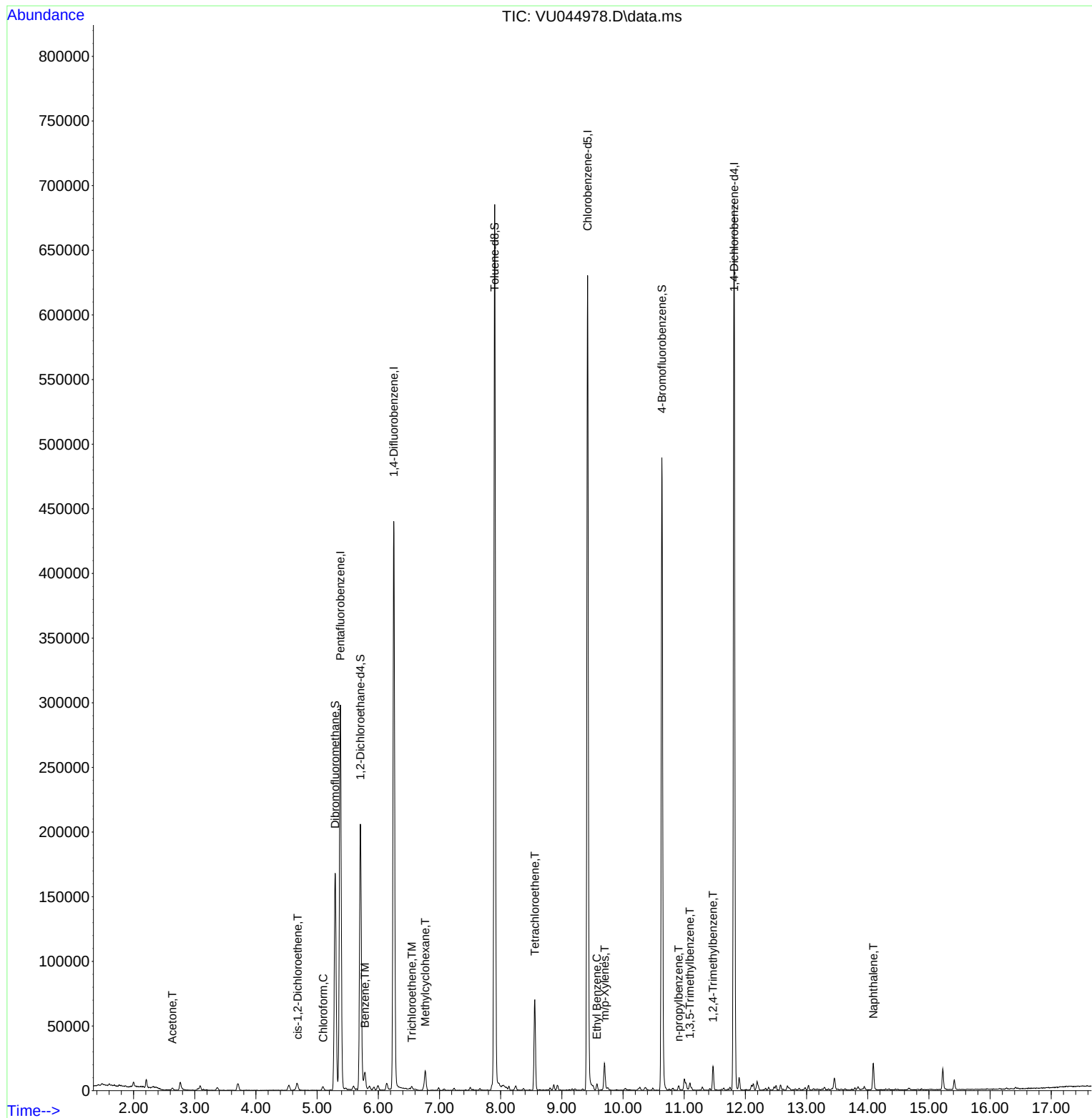
Internal Standards						
1) Pentafluorobenzene	5.379	168	192448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	342491	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	332149	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	166410	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	160029	49.954	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.900%
35) Dibromofluoromethane	5.295	113	111361	51.543	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.080%
50) Toluene-d8	7.903	98	443677	51.973	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.940%
62) 4-Bromofluorobenzene	10.636	95	166668	47.290	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.580%
Target Compounds						
					Qvalue	
16) Acetone	2.633	43	2047	1.076	ug/l	91
27) cis-1,2-Dichloroethene	4.681	96	2791	0.947	ug/l	86
30) Chloroform	5.099	83	2701	0.541	ug/l	96
39) Methylcyclohexane	6.768	83	5789	1.317	ug/l	98
40) Benzene	5.781	78	11433	1.072	ug/l	100
44) Trichloroethene	6.549	130	678	0.270	ug/l	96
64) Tetrachloroethene	8.559	164	15057	6.946	ug/l	97
67) Ethyl Benzene	9.575	91	3619	0.282	ug/l	99
68) m/p-Xylenes	9.700	106	5733	1.152	ug/l	95
78) n-propylbenzene	10.909	91	3086	0.204	ug/l	90
80) 1,3,5-Trimethylbenzene	11.092	105	3540	0.326	ug/l	92
84) 1,2,4-Trimethylbenzene	11.472	105	9949	0.926	ug/l	97
95) Naphthalene	14.092	128	17433	1.420	ug/l	98

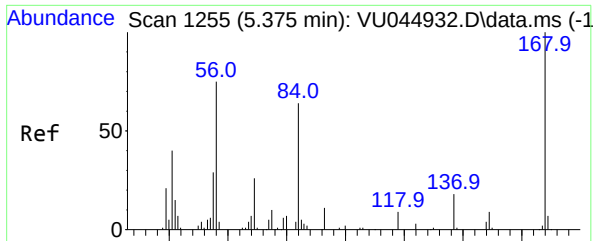
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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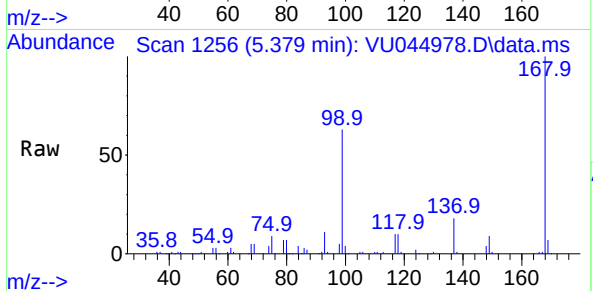
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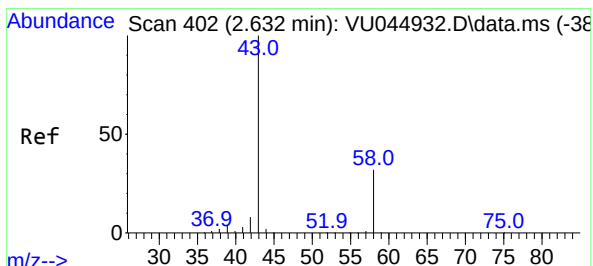
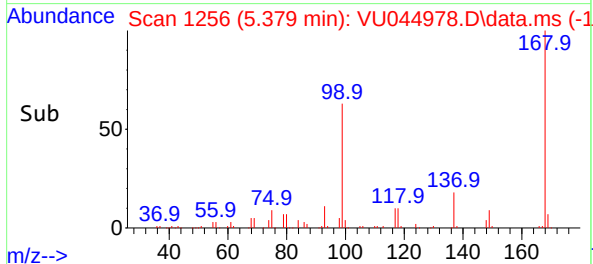
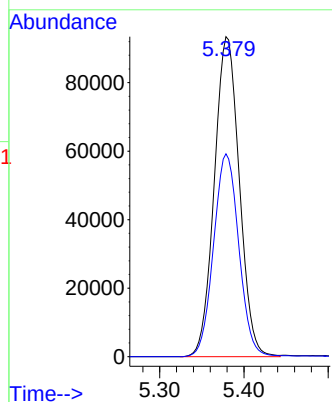


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU044978.D
Acq: 29 Sep 2021 06:27

Instrument :
MSVOA_U
ClientSampleId :
MW-4

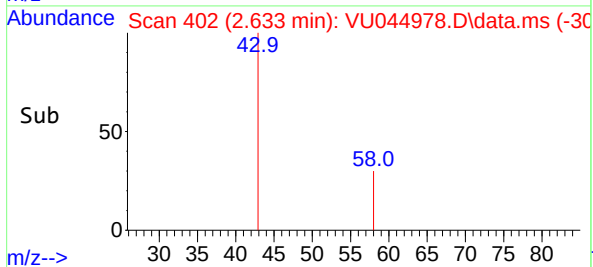
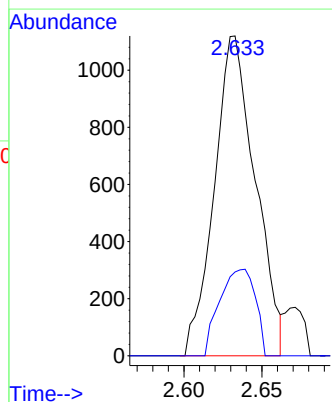
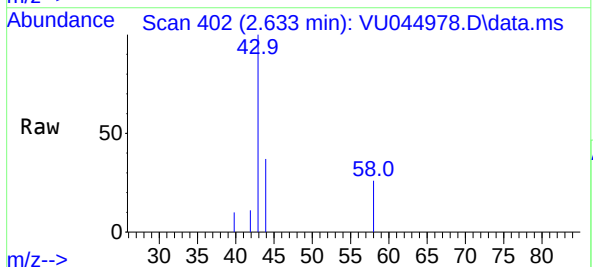


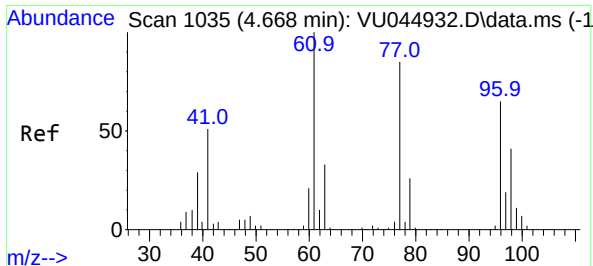
Tgt Ion:168 Resp: 192448
Ion Ratio Lower Upper
168 100
99 63.4 51.4 77.0



#16
Acetone
Concen: 1.076 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.001 min
Lab File: VU044978.D
Acq: 29 Sep 2021 06:27

Tgt Ion: 43 Resp: 2047
Ion Ratio Lower Upper
43 100
58 26.3 25.2 37.8

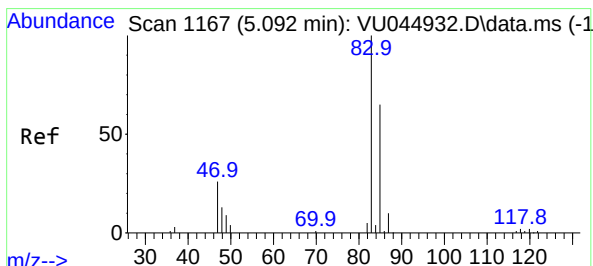
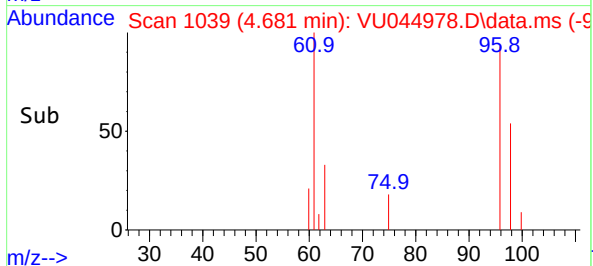
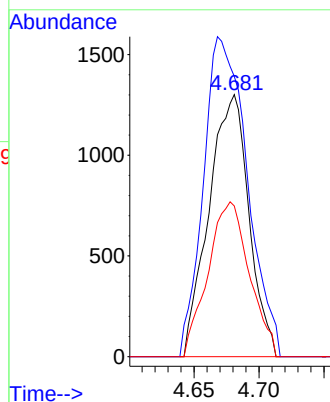
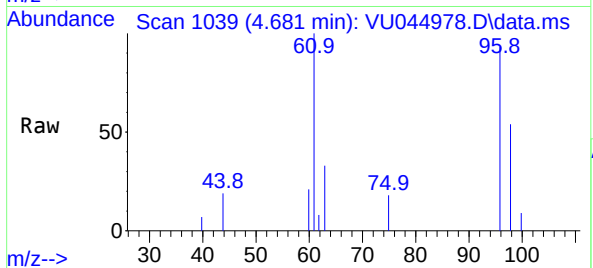




#27
cis-1,2-Dichloroethene
Concen: 0.947 ug/l
RT: 4.681 min Scan# 1039
Delta R.T. 0.013 min
Lab File: VU044978.D
Acq: 29 Sep 2021 06:27

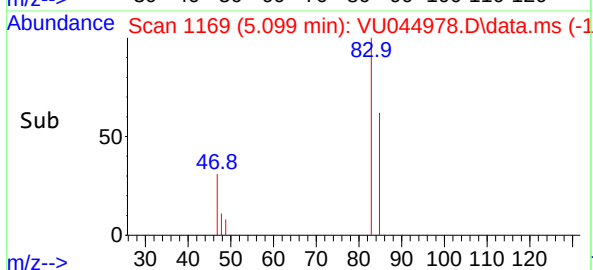
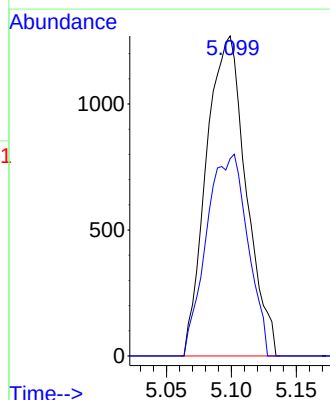
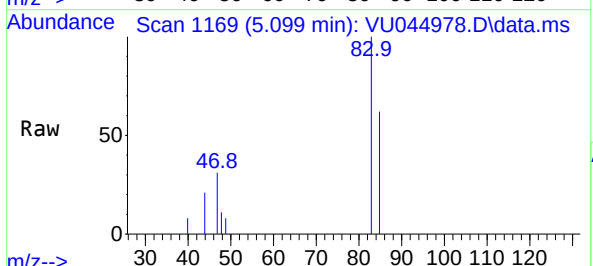
Instrument :
MSVOA_U
ClientSampleId :
MW-4

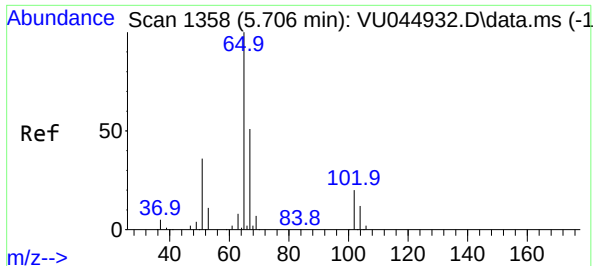
Tgt Ion: 96 Resp: 2791
Ion Ratio Lower Upper
96 100
61 133.3 0.0 313.4
98 60.9 0.0 127.0



#30
Chloroform
Concen: 0.541 ug/l
RT: 5.099 min Scan# 1169
Delta R.T. 0.007 min
Lab File: VU044978.D
Acq: 29 Sep 2021 06:27

Tgt Ion: 83 Resp: 2701
Ion Ratio Lower Upper
83 100
85 61.7 52.1 78.1

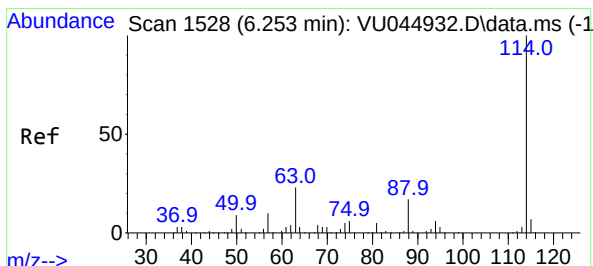
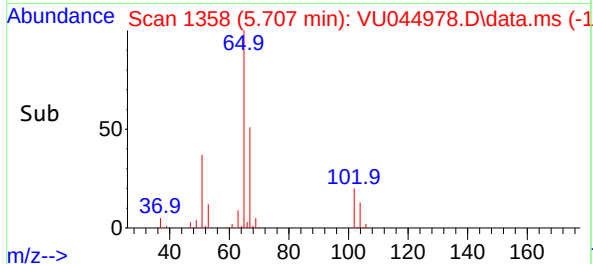
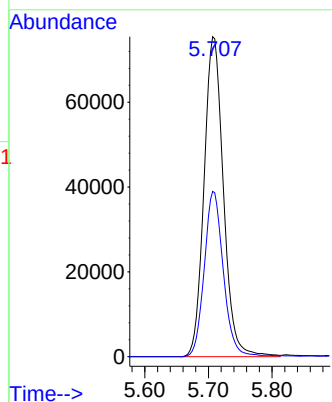
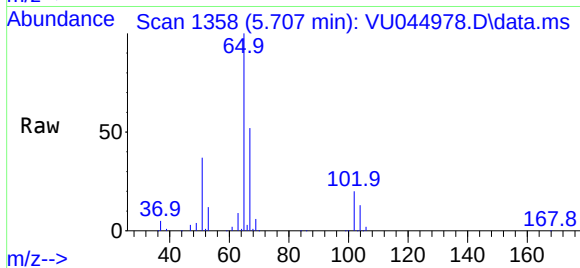




#33
1,2-Dichloroethane-d4
Concen: 49.954 ug/l
RT: 5.707 min Scan# 11
Delta R.T. 0.001 min
Lab File: VU044978.D
Acq: 29 Sep 2021 06:27

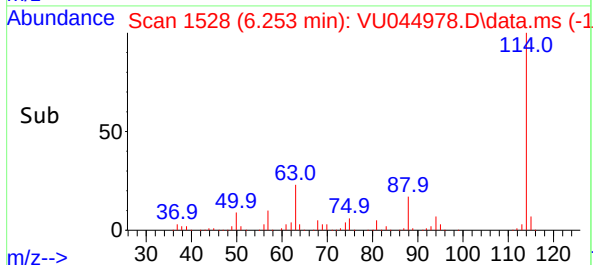
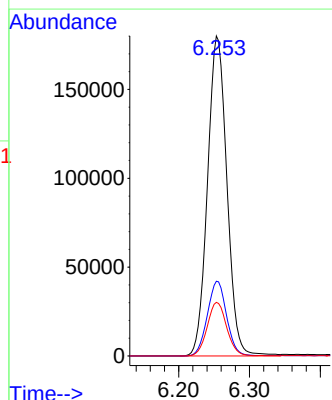
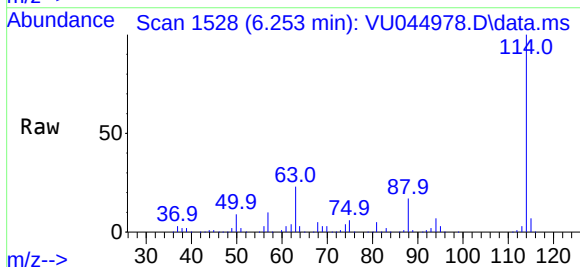
Instrument :
MSVOA_U
ClientSampleId :
MW-4

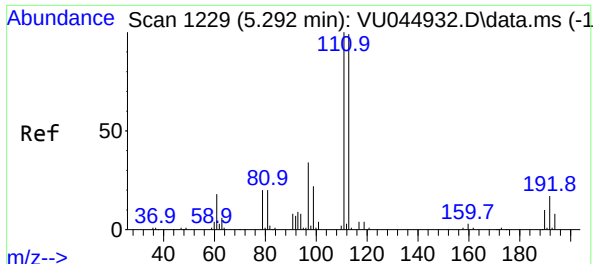
Tgt Ion: 65 Resp: 160029
Ion Ratio Lower Upper
65 100
67 50.5 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VU044978.D
Acq: 29 Sep 2021 06:27

Tgt Ion: 114 Resp: 342491
Ion Ratio Lower Upper
114 100
63 23.4 0.0 47.8
88 16.8 0.0 32.8

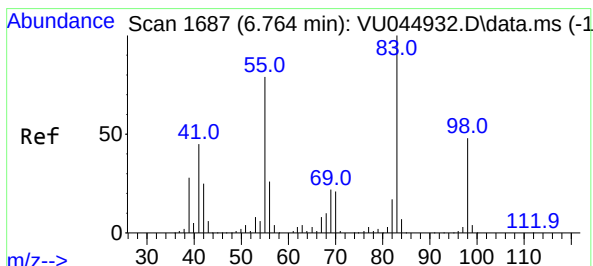
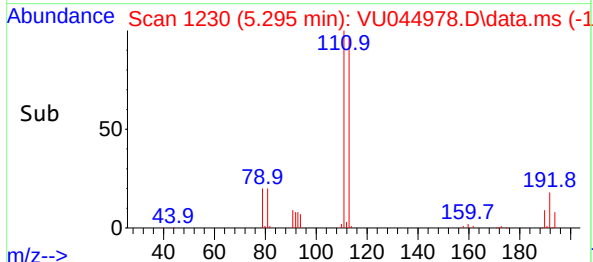
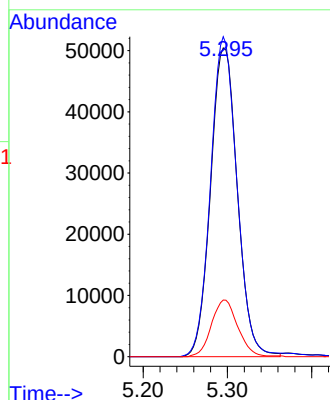
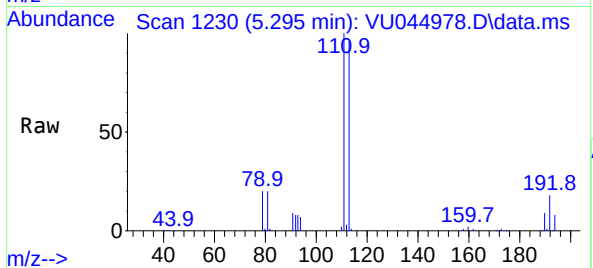




#35
Dibromofluoromethane
Concen: 51.543 ug/l
RT: 5.295 min Scan# 1113
Delta R.T. 0.003 min
Lab File: VU044978.D
Acq: 29 Sep 2021 06:27

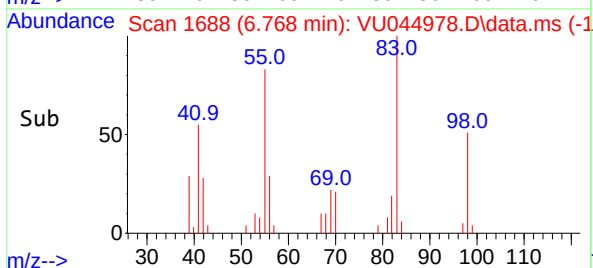
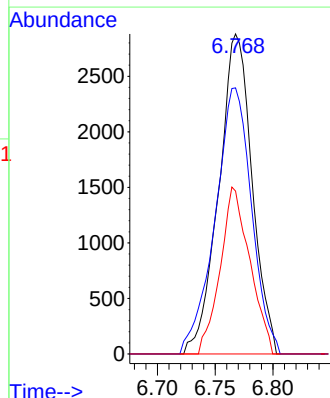
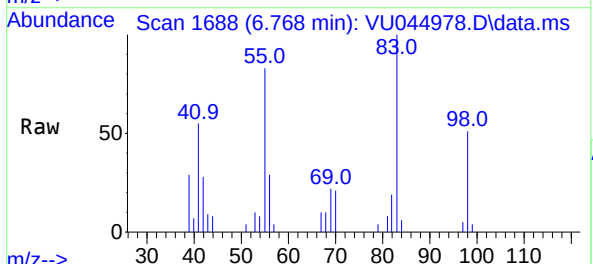
Instrument :
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ClientSampleId :
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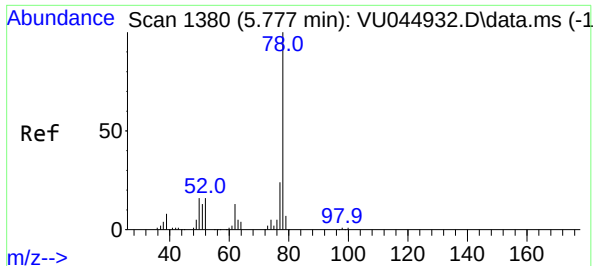
Tgt Ion:113 Resp: 111361
Ion Ratio Lower Upper
113 100
111 102.8 84.1 126.1
192 18.0 14.8 22.2



#39
Methylcyclohexane
Concen: 1.317 ug/l
RT: 6.768 min Scan# 1688
Delta R.T. 0.004 min
Lab File: VU044978.D
Acq: 29 Sep 2021 06:27

Tgt Ion: 83 Resp: 5789
Ion Ratio Lower Upper
83 100
55 83.2 66.2 99.4
98 50.9 37.5 56.3

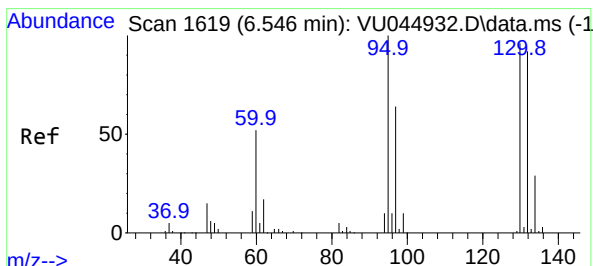
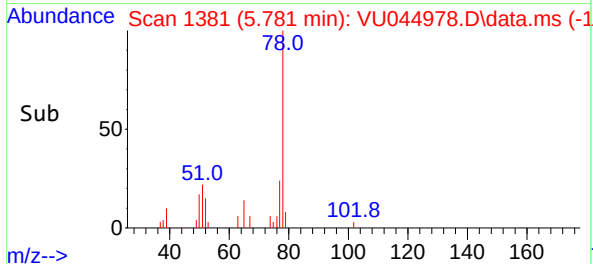
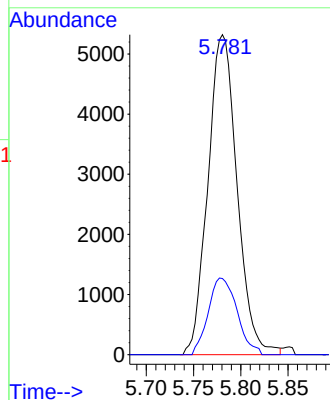
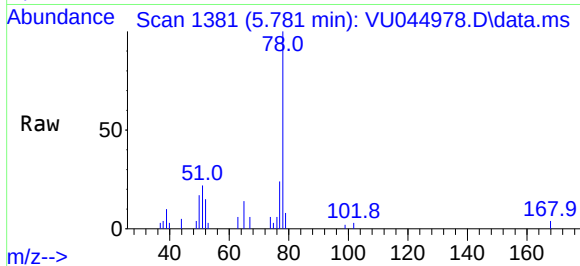




#40
Benzene
Concen: 1.072 ug/l
RT: 5.781 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU044978.D
Acq: 29 Sep 2021 06:27

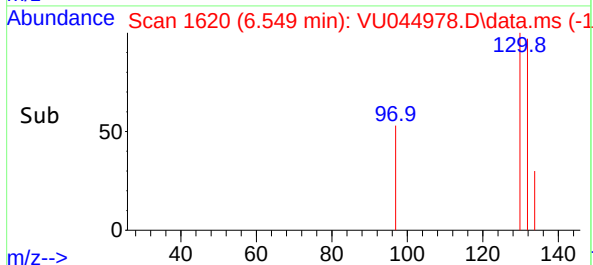
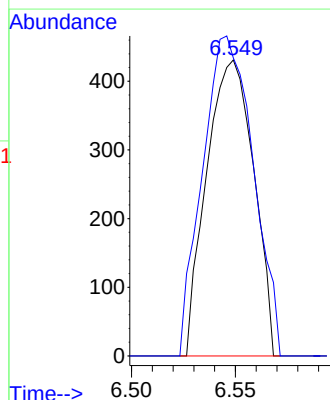
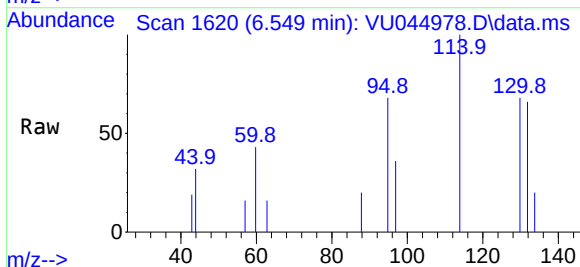
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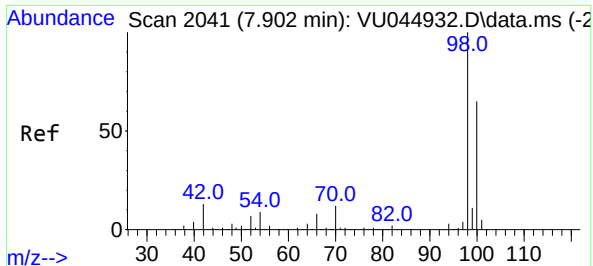
Tgt Ion: 78 Resp: 11433
Ion Ratio Lower Upper
78 100
77 23.8 19.1 28.7



#44
Trichloroethene
Concen: 0.270 ug/l
RT: 6.549 min Scan# 1620
Delta R.T. 0.003 min
Lab File: VU044978.D
Acq: 29 Sep 2021 06:27

Tgt Ion: 130 Resp: 678
Ion Ratio Lower Upper
130 100
95 100.7 0.0 209.0

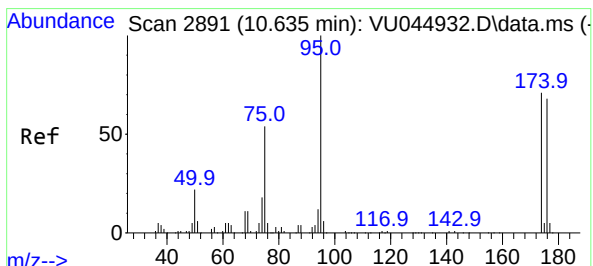
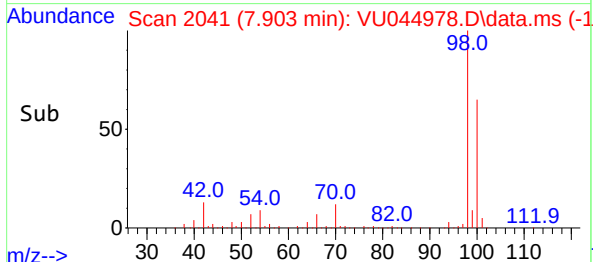
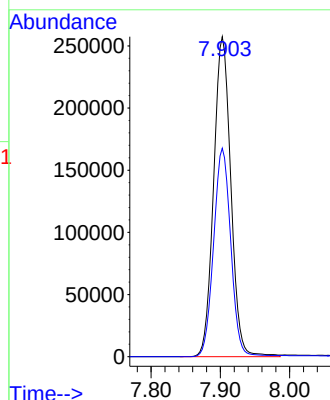
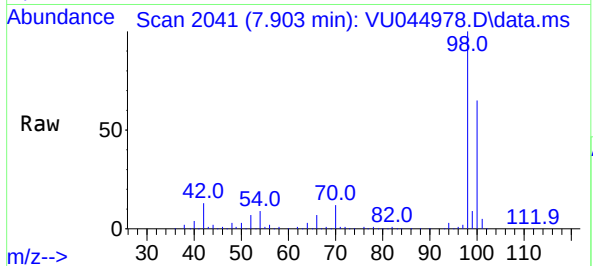




#50
Toluene-d8
Concen: 51.973 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.001 min
Lab File: VU044978.D
Acq: 29 Sep 2021 06:27

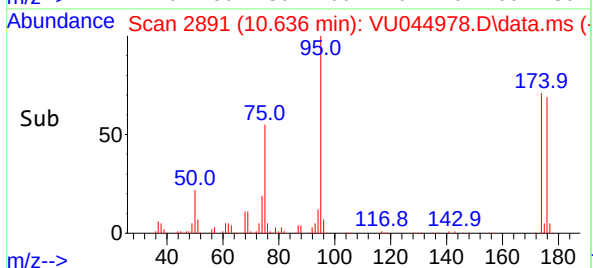
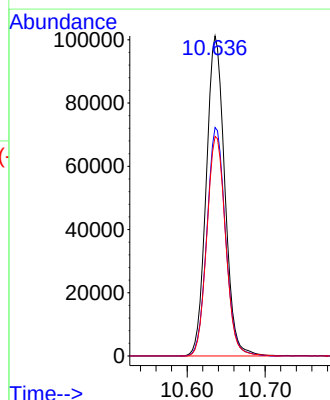
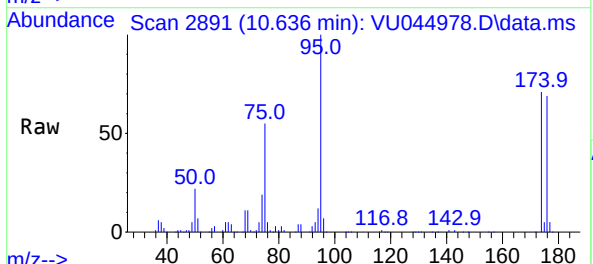
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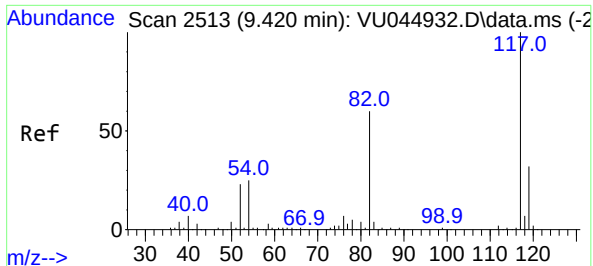
Tgt Ion: 98 Resp: 443677
Ion Ratio Lower Upper
98 100
100 64.9 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 47.290 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.001 min
Lab File: VU044978.D
Acq: 29 Sep 2021 06:27

Tgt Ion: 95 Resp: 166668
Ion Ratio Lower Upper
95 100
174 71.5 0.0 146.6
176 69.4 0.0 141.2

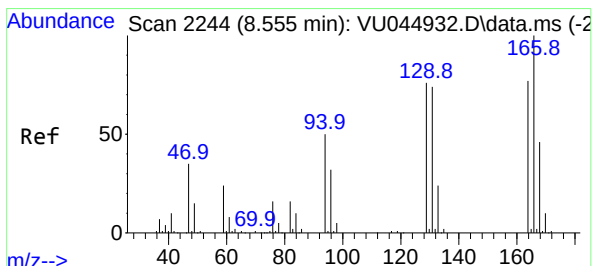
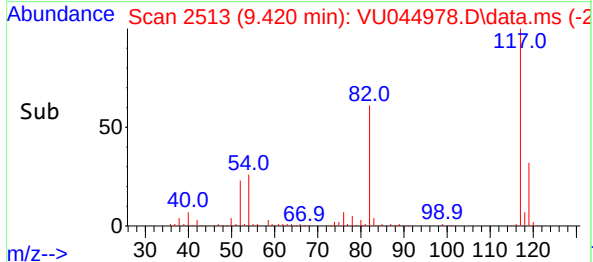
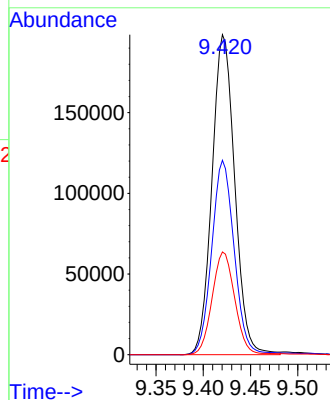
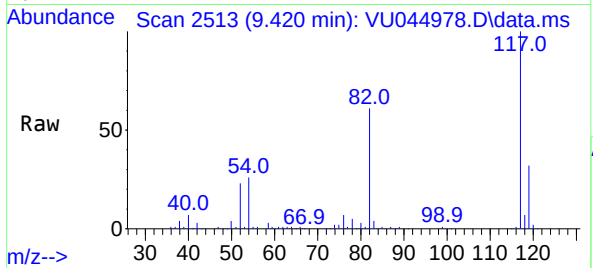




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU044978.D
Acq: 29 Sep 2021 06:27

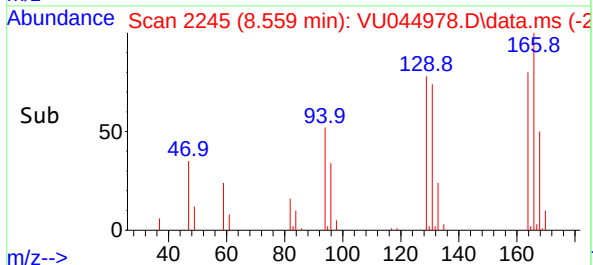
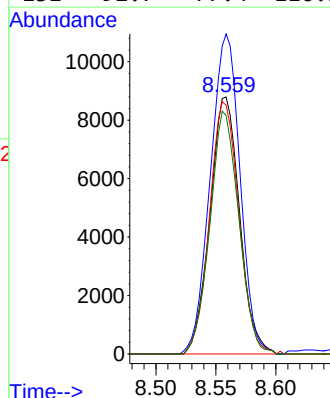
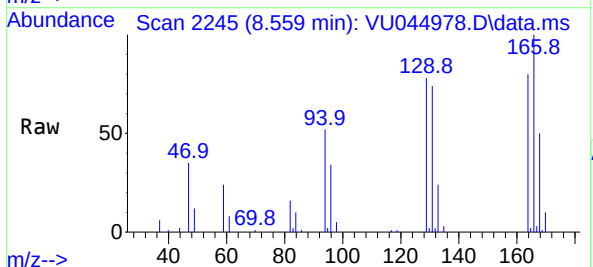
Instrument :
MSVOA_U
ClientSampleId :
MW-4

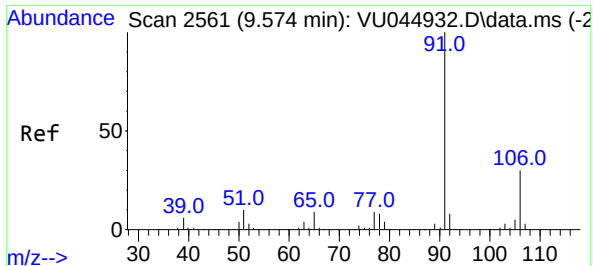
Tgt Ion:117 Resp: 332149
Ion Ratio Lower Upper
117 100
82 60.8 47.8 71.8
119 32.1 25.8 38.6



#64
Tetrachloroethene
Concen: 6.946 ug/l
RT: 8.559 min Scan# 2245
Delta R.T. 0.004 min
Lab File: VU044978.D
Acq: 29 Sep 2021 06:27

Tgt Ion:164 Resp: 15057
Ion Ratio Lower Upper
164 100
166 124.5 102.8 154.2
129 96.8 79.4 119.2
131 92.7 77.4 116.2





#67

Ethyl Benzene

Concen: 0.282 ug/l

RT: 9.575 min Scan# 2

Delta R.T. 0.001 min

Lab File: VU044978.D

Acq: 29 Sep 2021 06:27

Instrument :

MSVOA_U

ClientSampleId :

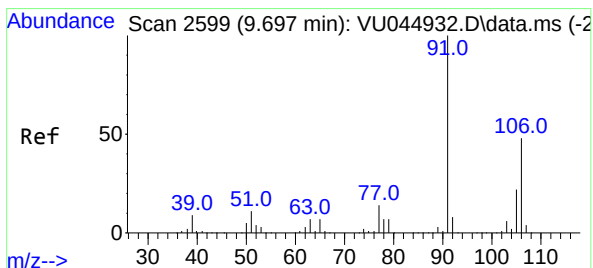
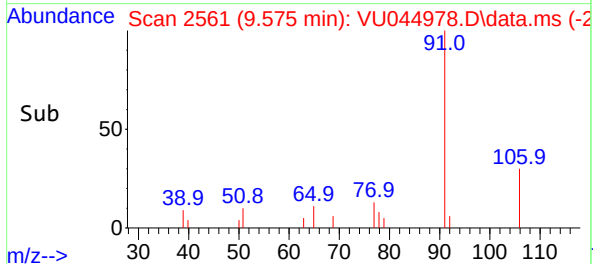
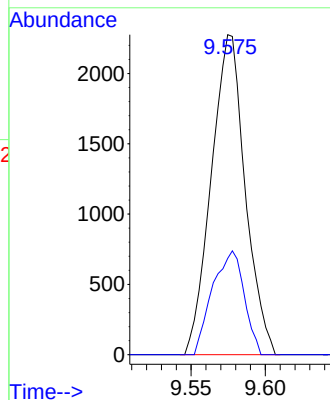
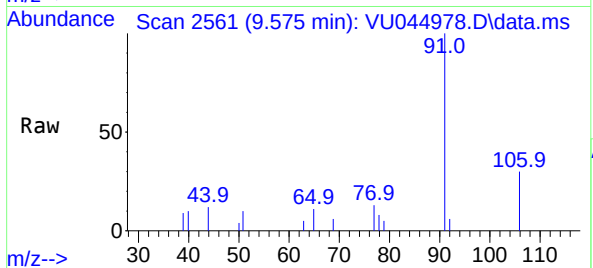
MW-4

Tgt Ion: 91 Resp: 3619

Ion Ratio Lower Upper

91 100

106 30.1 24.3 36.5



#68

m/p-Xylenes

Concen: 1.152 ug/l

RT: 9.700 min Scan# 2600

Delta R.T. 0.003 min

Lab File: VU044978.D

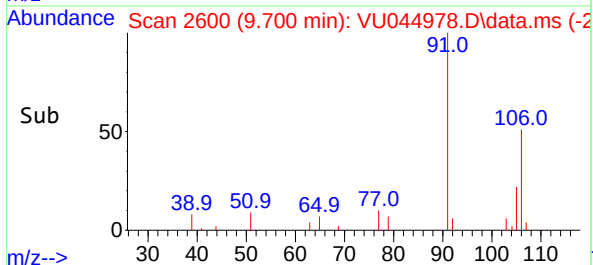
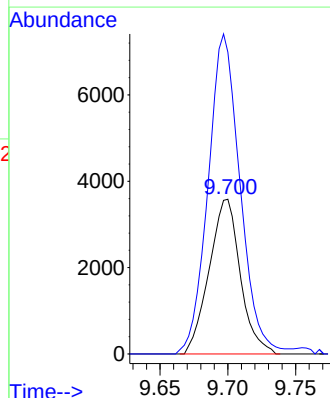
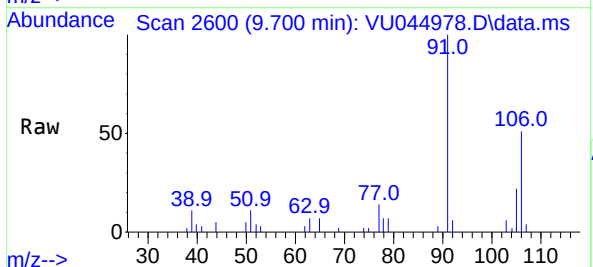
Acq: 29 Sep 2021 06:27

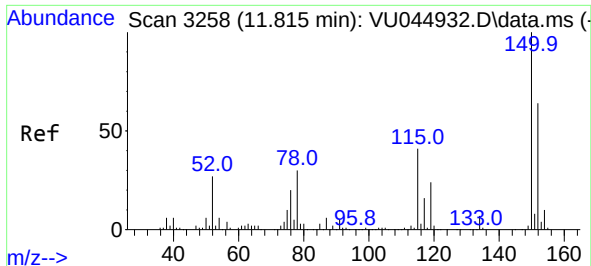
Tgt Ion:106 Resp: 5733

Ion Ratio Lower Upper

106 100

91 212.5 164.2 246.2

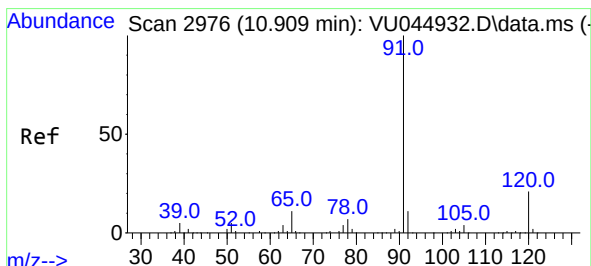
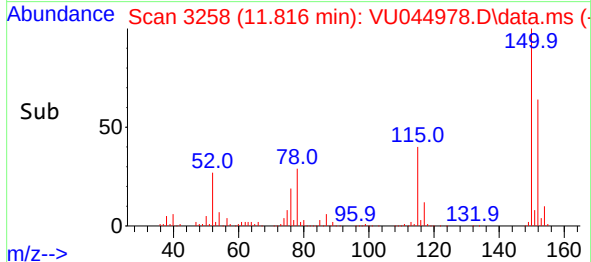
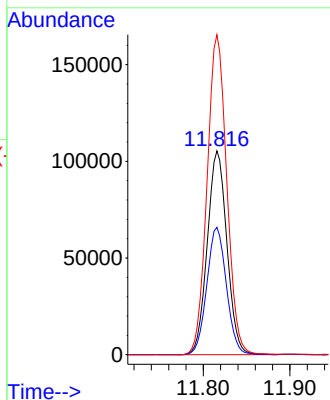
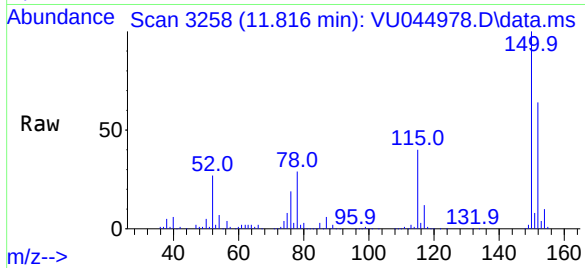




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 31
Delta R.T. 0.001 min
Lab File: VU044978.D
Acq: 29 Sep 2021 06:27

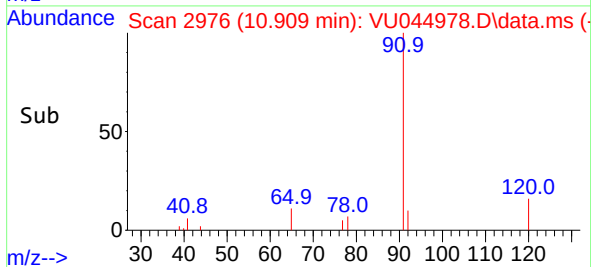
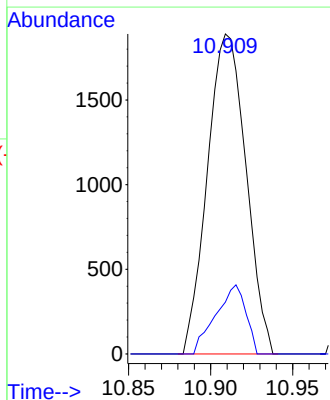
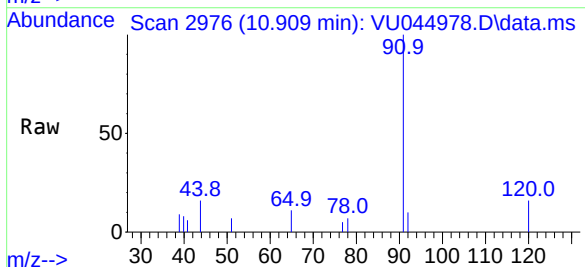
Instrument :
MSVOA_U
ClientSampleId :
MW-4

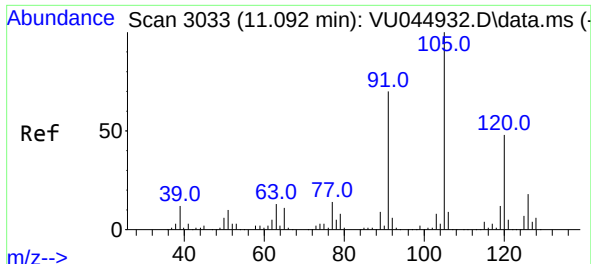
Tgt Ion:152 Resp: 166410
Ion Ratio Lower Upper
152 100
115 62.3 43.5 130.7
150 156.9 0.0 350.0



#78
n-propylbenzene
Concen: 0.204 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.000 min
Lab File: VU044978.D
Acq: 29 Sep 2021 06:27

Tgt Ion: 91 Resp: 3086
Ion Ratio Lower Upper
91 100
120 16.9 10.8 32.4

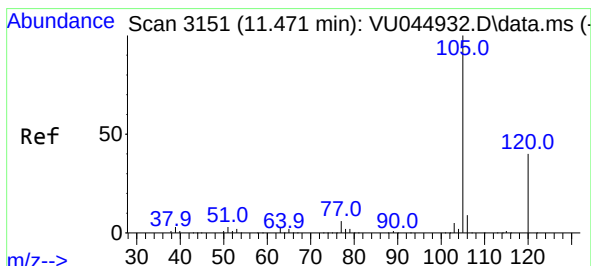
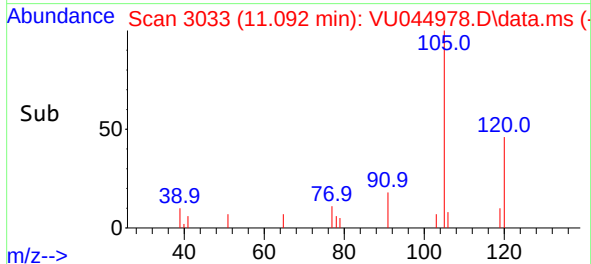
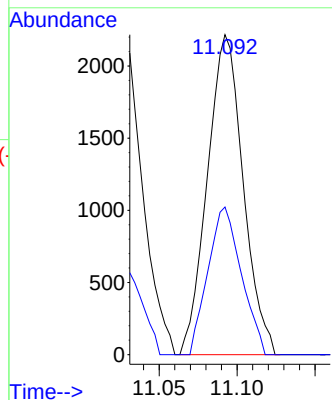
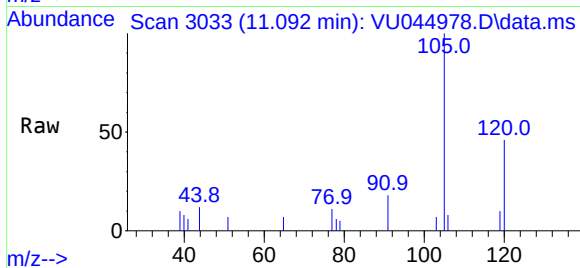




#80
1,3,5-Trimethylbenzene
Concen: 0.326 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU044978.D
Acq: 29 Sep 2021 06:27

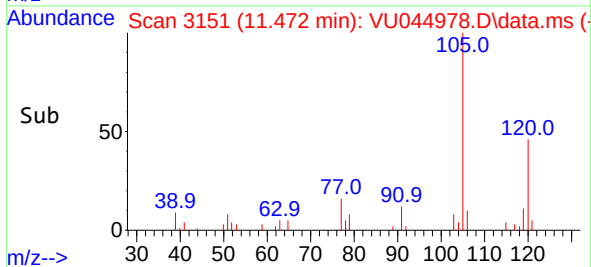
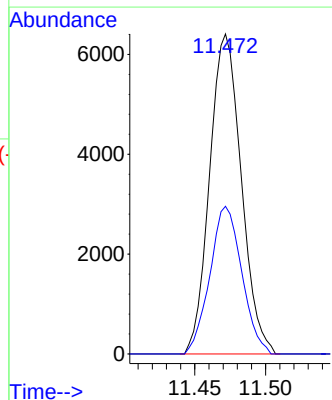
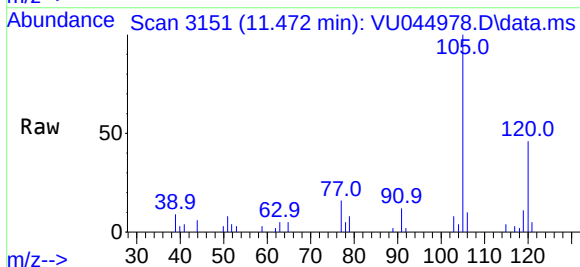
Instrument :
MSVOA_U
ClientSampleId :
MW-4

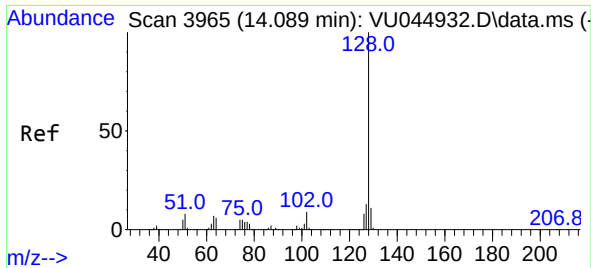
Tgt Ion:105 Resp: 3540
Ion Ratio Lower Upper
105 100
120 42.9 24.1 72.2



#84
1,2,4-Trimethylbenzene
Concen: 0.926 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. 0.001 min
Lab File: VU044978.D
Acq: 29 Sep 2021 06:27

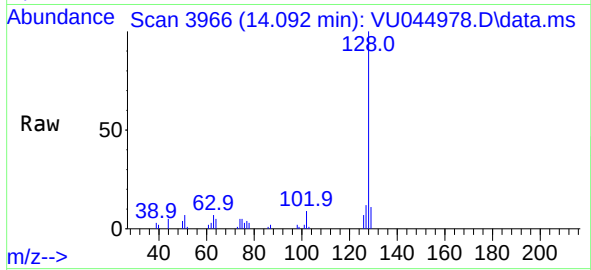
Tgt Ion:105 Resp: 9949
Ion Ratio Lower Upper
105 100
120 46.6 22.4 67.3





#95
Naphthalene
Concen: 1.420 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU044978.D
Acq: 29 Sep 2021 06:27

Instrument :
MSVOA_U
ClientSampleId :
MW-4



Tgt Ion:128 Resp: 17433

Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.4	15.6
129	10.5	8.6	13.0

