

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092521\
 Data File : VU044878.D
 Acq On : 26 Sep 2021 08:12
 Operator : SY/MD
 Sample : M3893-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1

Quant Time: Sep 27 03:19:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092421W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 25 09:30:46 2021
 Response via : Initial Calibration

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

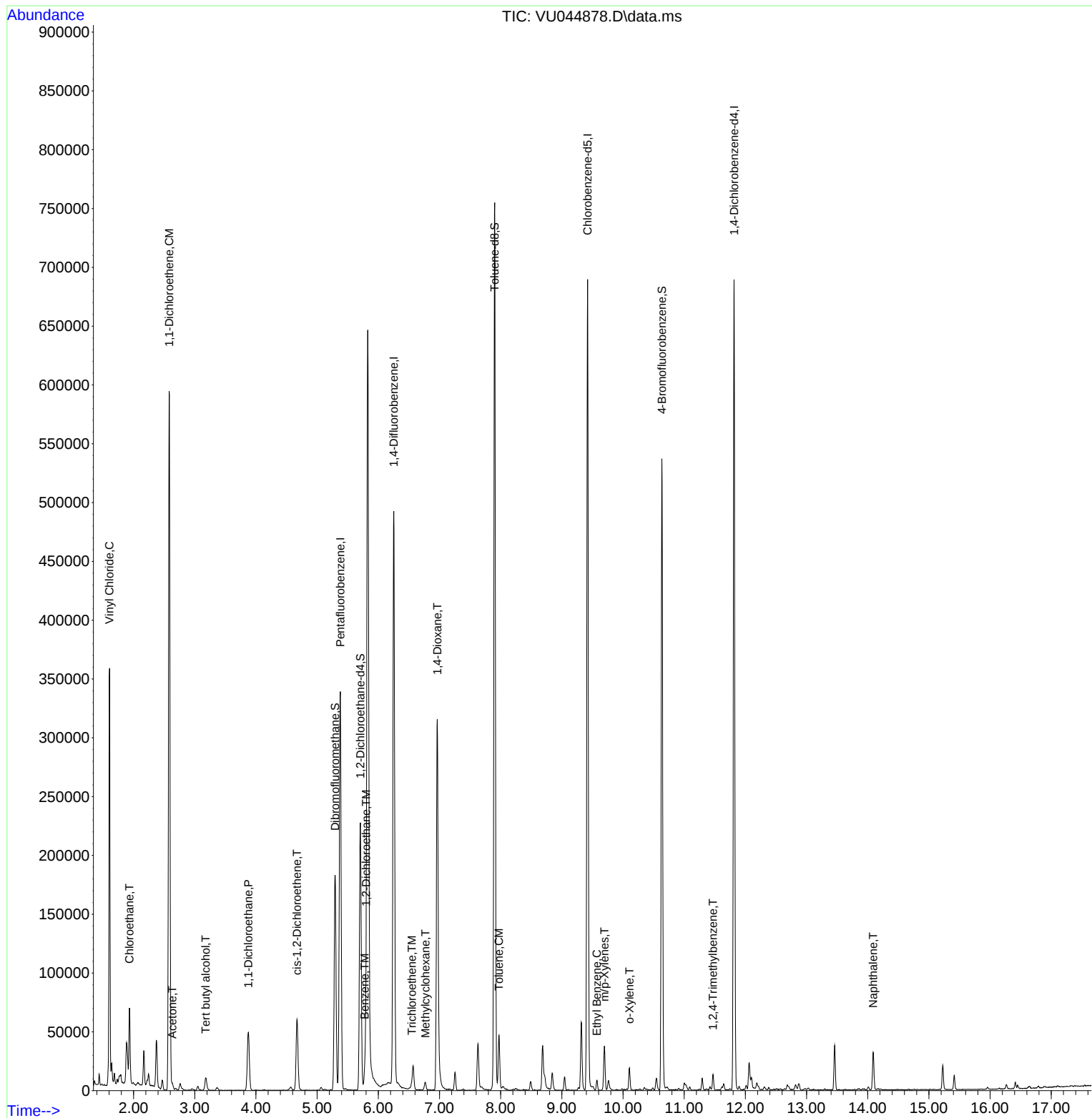
Internal Standards						
1) Pentafluorobenzene	5.379	168	213226	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	379256	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	356114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	164931	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	168494	45.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.56%	
35) Dibromofluoromethane	5.295	113	118094	45.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.78%	
50) Toluene-d8	7.903	98	481846	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
62) 4-Bromofluorobenzene	10.636	95	171709	47.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.10%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.607	62	233325	64.51	ug/l	100
6) Chloroethane	1.932	64	43432	17.65	ug/l	96
11) Tert butyl alcohol	3.179	59	13105	12.07	ug/l	99
12) 1,1-Dichloroethene	2.581	96	196796	76.65	ug/l	96
16) Acetone	2.633	43	4497	2.14	ug/l	92
24) 1,1-Dichloroethane	3.877	63	57484	10.06	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	30259	9.05	ug/l	89
39) Methylcyclohexane	6.771	83	2737	0.60	ug/l	89
40) Benzene	5.777	78	11816	0.96	ug/l	99
42) 1,2-Dichloroethane	5.800	62	28522	5.91	ug/l	99
44) Trichloroethene	6.549	130	1537	0.52	ug/l	98
49) 1,4-Dioxane	6.964	88	243529	2443.95	ug/l	91
52) Toluene	7.973	92	18630	2.54	ug/l	98
67) Ethyl Benzene	9.574	91	6287	0.48	ug/l	97
68) m/p-Xylenes	9.697	106	10382	2.06	ug/l	99
69) o-Xylene	10.105	106	4953	1.01	ug/l	100
84) 1,2,4-Trimethylbenzene	11.472	105	7240	0.74	ug/l	96
95) Naphthalene	14.089	128	26513	3.00	ug/l	99

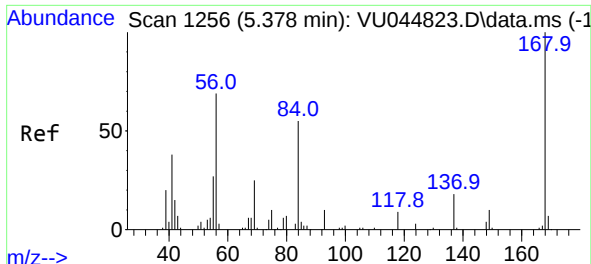
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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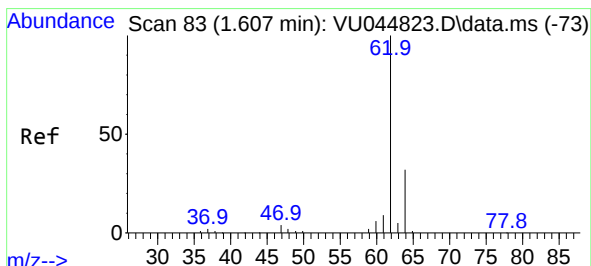
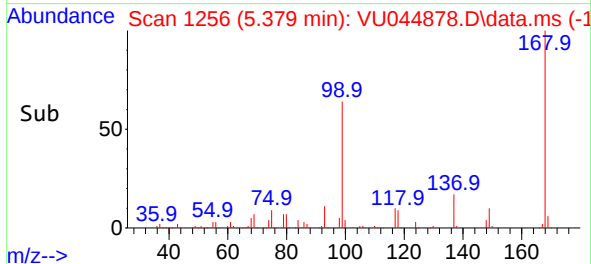
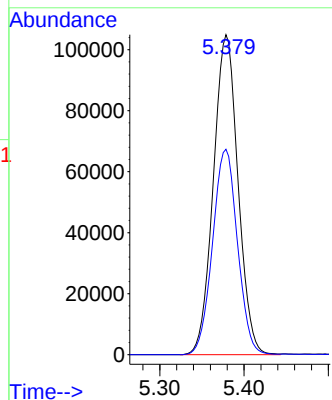
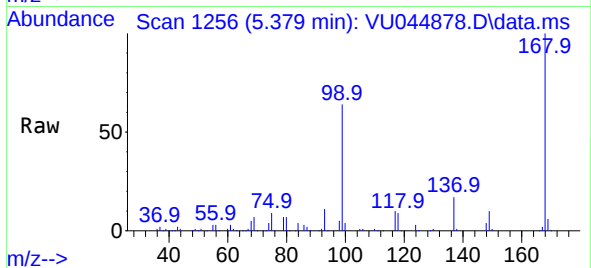




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. 0.001 min
Lab File: VU044878.D
Acq: 26 Sep 2021 08:12

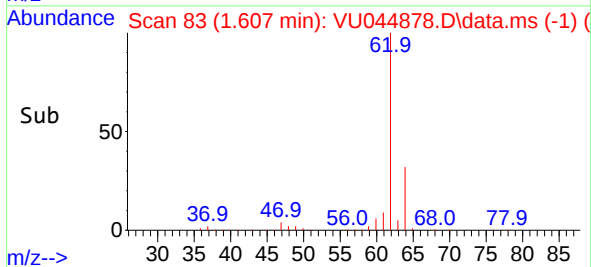
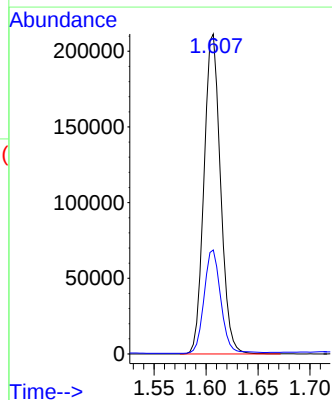
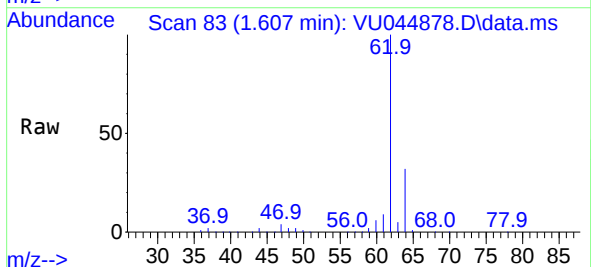
Instrument :
MSVOA_U
ClientSampled :
MW-1

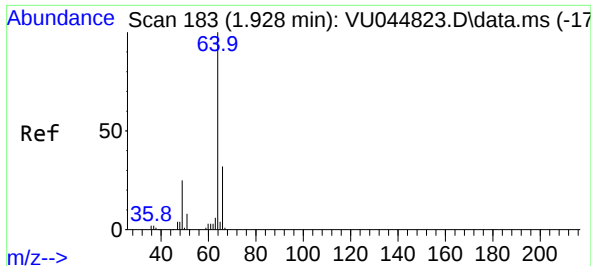
Tgt Ion:168 Resp: 213226
Ion Ratio Lower Upper
168 100
99 64.2 51.4 77.0



#4
Vinyl Chloride
Concen: 64.51 ug/l
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU044878.D
Acq: 26 Sep 2021 08:12

Tgt Ion: 62 Resp: 233325
Ion Ratio Lower Upper
62 100
64 32.3 25.6 38.4

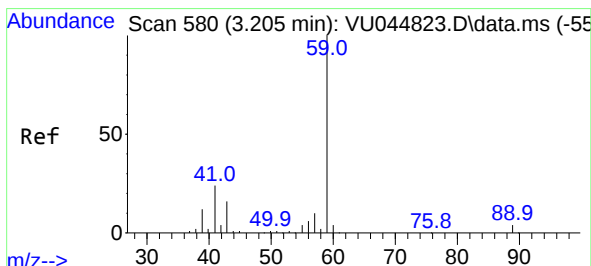
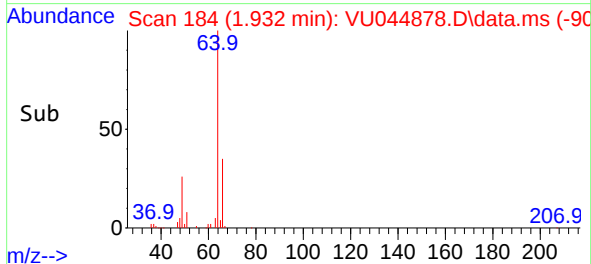
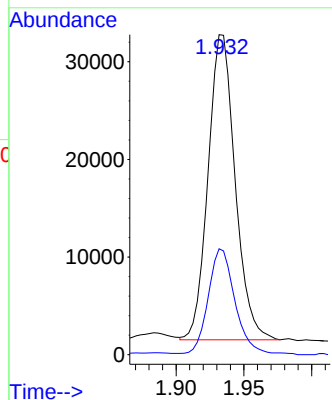
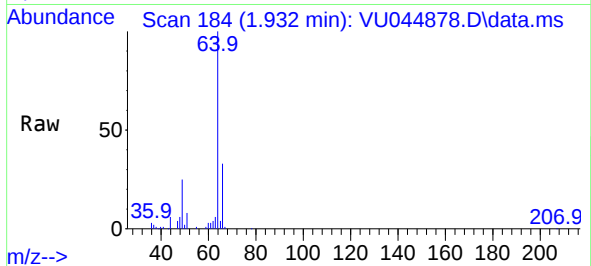




#6
Chloroethane
Concen: 17.65 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.004 min
Lab File: VU044878.D
Acq: 26 Sep 2021 08:12

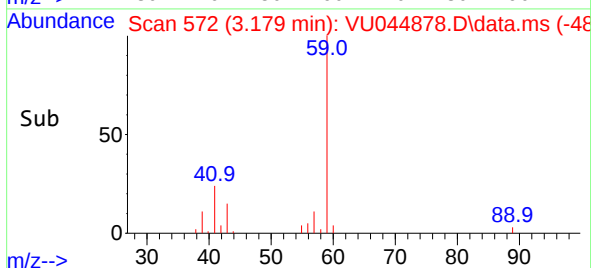
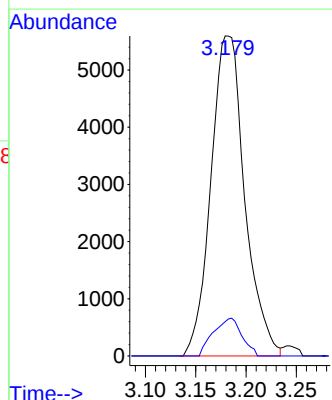
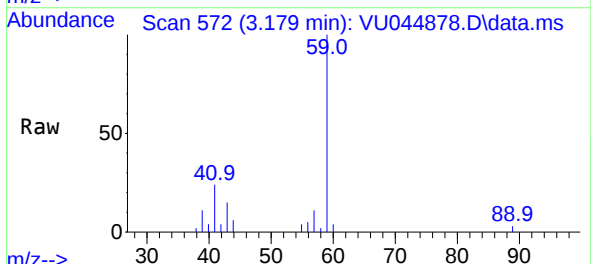
Instrument :
MSVOA_U
ClientSampled :
MW-1

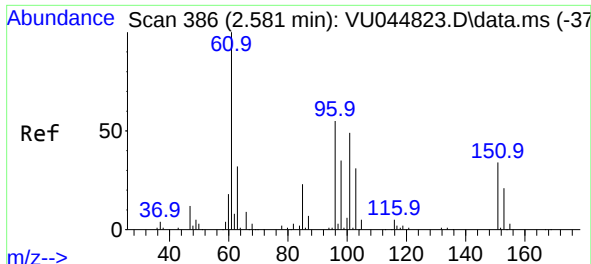
Tgt Ion: 64 Resp: 43432
Ion Ratio Lower Upper
64 100
66 34.3 25.8 38.8



#11
Tert butyl alcohol
Concen: 12.07 ug/l
RT: 3.179 min Scan# 572
Delta R.T. -0.026 min
Lab File: VU044878.D
Acq: 26 Sep 2021 08:12

Tgt Ion: 59 Resp: 13105
Ion Ratio Lower Upper
59 100
57 9.9 8.3 12.5

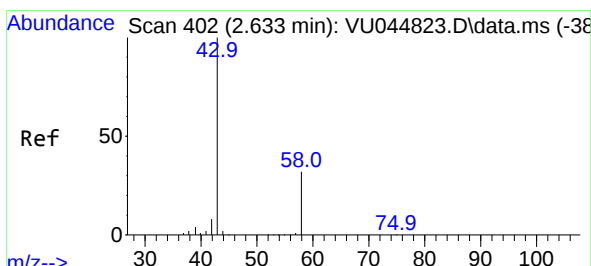
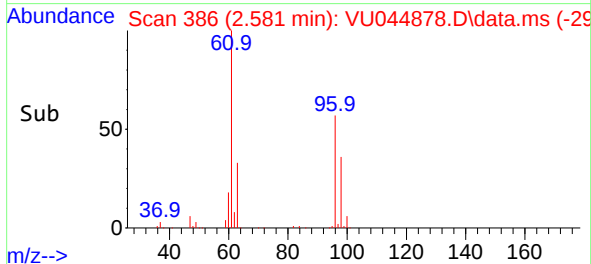
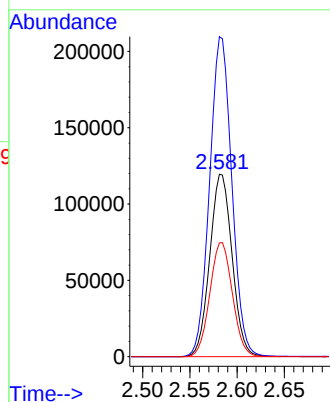
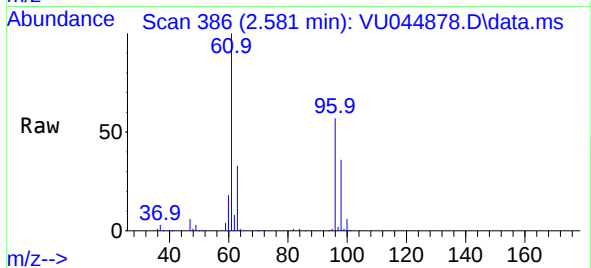




#12
1,1-Dichloroethene
Concen: 76.65 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU044878.D
Acq: 26 Sep 2021 08:12

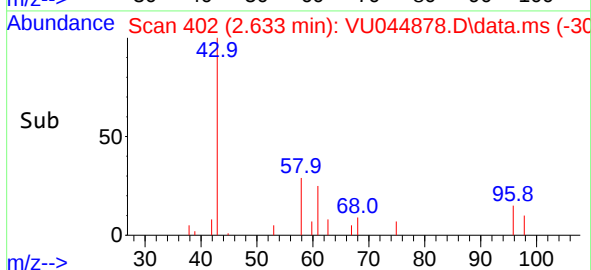
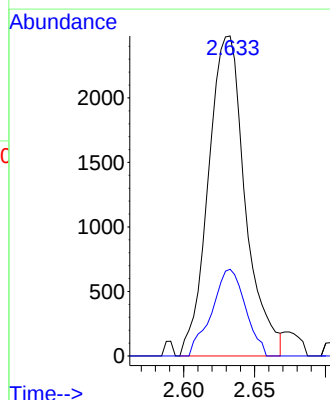
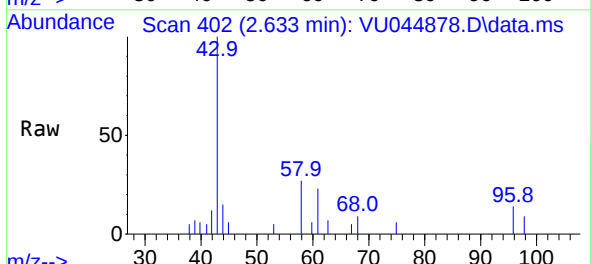
Instrument :
MSVOA_U
ClientSampleId :
MW-1

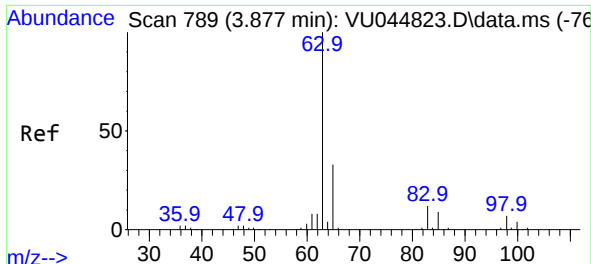
Tgt Ion: 96 Resp: 196796
Ion Ratio Lower Upper
96 100
61 175.4 145.4 218.0
98 62.4 50.9 76.3



#16
Acetone
Concen: 2.14 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.000 min
Lab File: VU044878.D
Acq: 26 Sep 2021 08:12

Tgt Ion: 43 Resp: 4497
Ion Ratio Lower Upper
43 100
58 27.1 25.2 37.8



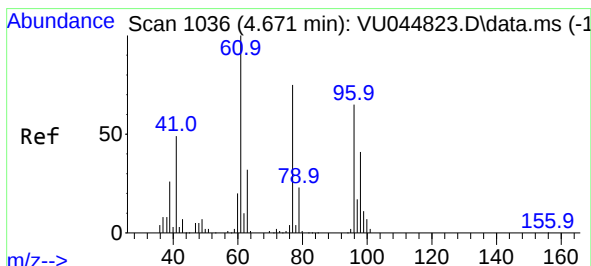
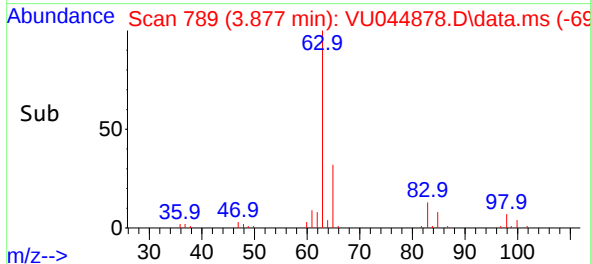
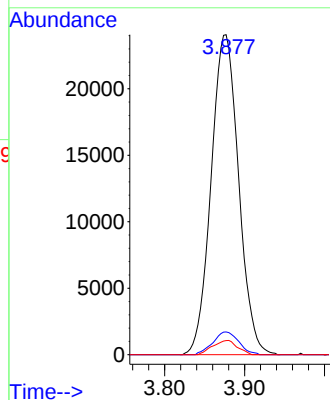
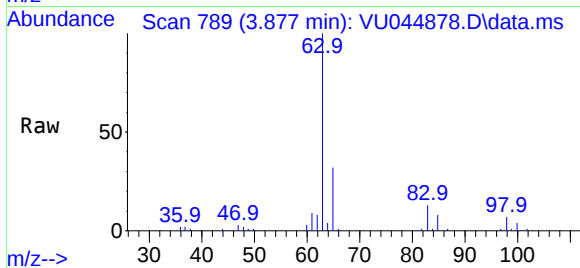


#24
1,1-Dichloroethane
Concen: 10.06 ug/l
RT: 3.877 min Scan# 789
Delta R.T. 0.000 min
Lab File: VU044878.D
Acq: 26 Sep 2021 08:12

Instrument :
MSVOA_U
ClientSampled :
MW-1

Tgt Ion: 63 Resp: 57484

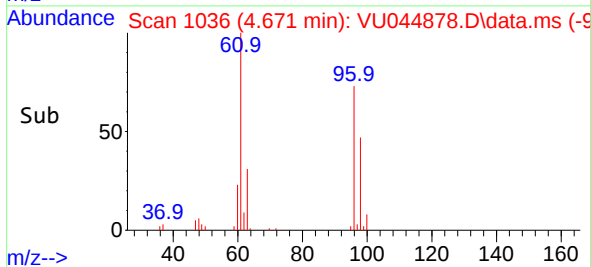
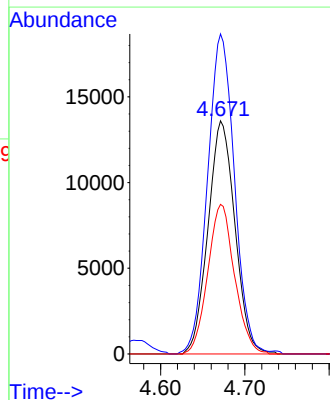
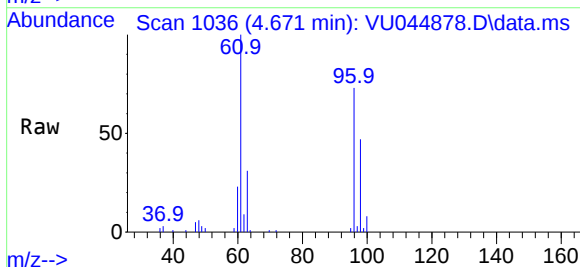
Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.5	10.4
100	4.4	2.1	6.3

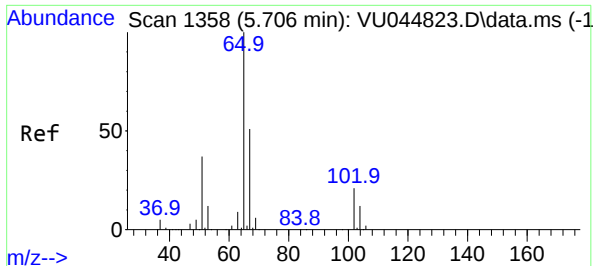


#27
cis-1,2-Dichloroethene
Concen: 9.05 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU044878.D
Acq: 26 Sep 2021 08:12

Tgt Ion: 96 Resp: 30259

Ion	Ratio	Lower	Upper
96	100		
61	136.5	0.0	313.4
98	63.6	0.0	127.0



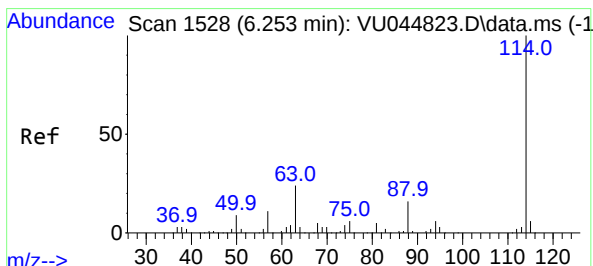
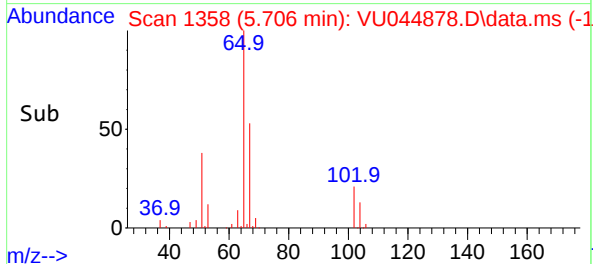
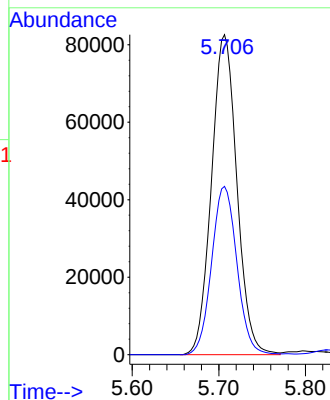
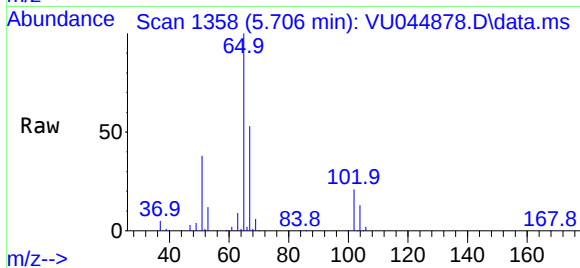


#33

1,2-Dichloroethane-d4
Concen: 45.28 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VU044878.D
Acq: 26 Sep 2021 08:12

Instrument :
MSVOA_U
ClientSampled :
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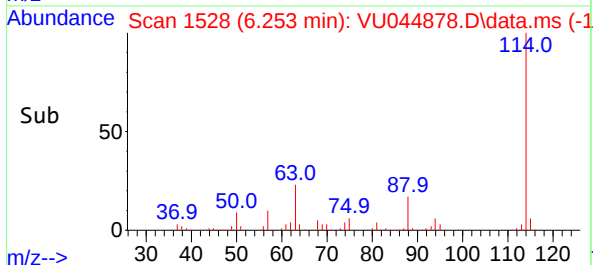
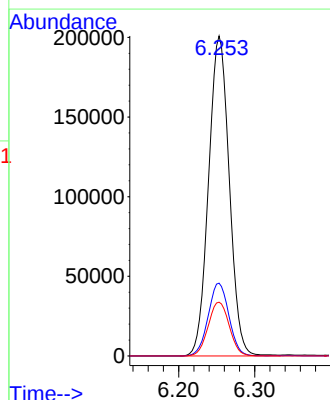
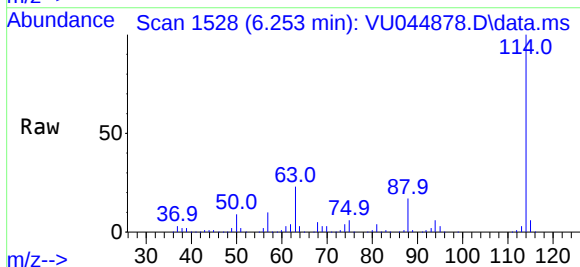
Tgt Ion: 65 Resp: 168494
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.8

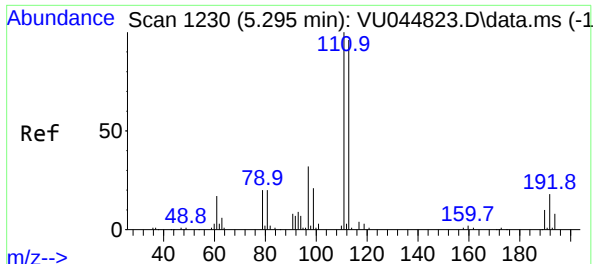


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VU044878.D
Acq: 26 Sep 2021 08:12

Tgt Ion: 114 Resp: 379256
Ion Ratio Lower Upper
114 100
63 22.8 0.0 47.8
88 16.8 0.0 32.8

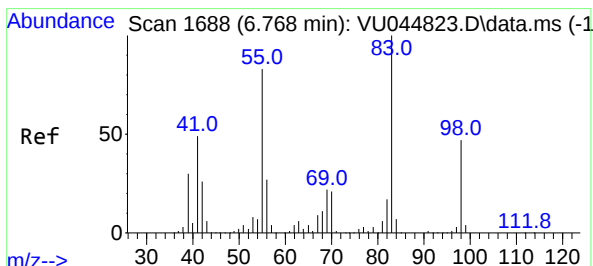
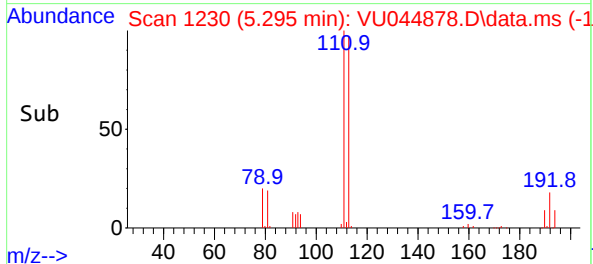
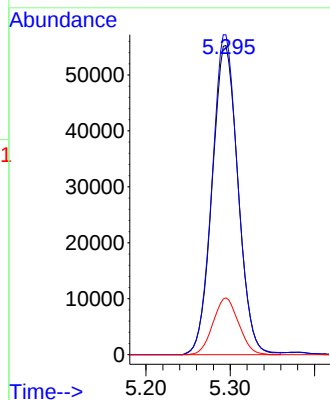
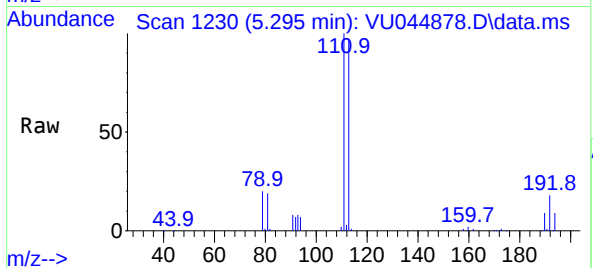




#35
Dibromofluoromethane
Concen: 45.39 ug/l
RT: 5.295 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VU044878.D
Acq: 26 Sep 2021 08:12

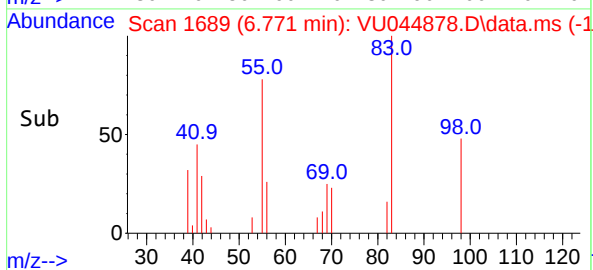
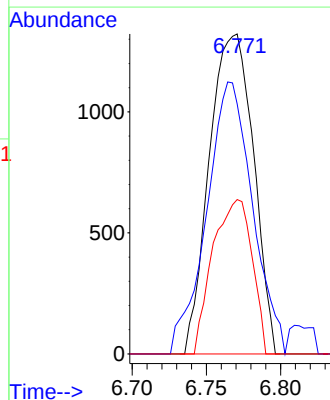
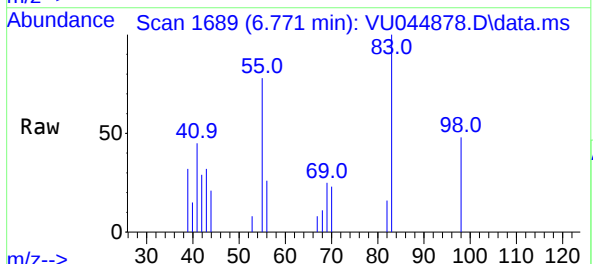
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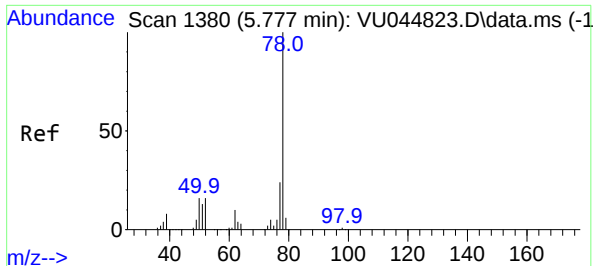
Tgt Ion:113 Resp: 118094
Ion Ratio Lower Upper
113 100
111 102.6 84.1 126.1
192 18.1 14.8 22.2



#39
Methylcyclohexane
Concen: 0.60 ug/l
RT: 6.771 min Scan# 1689
Delta R.T. 0.003 min
Lab File: VU044878.D
Acq: 26 Sep 2021 08:12

Tgt Ion: 83 Resp: 2737
Ion Ratio Lower Upper
83 100
55 68.8 66.2 99.4
98 48.3 37.5 56.3

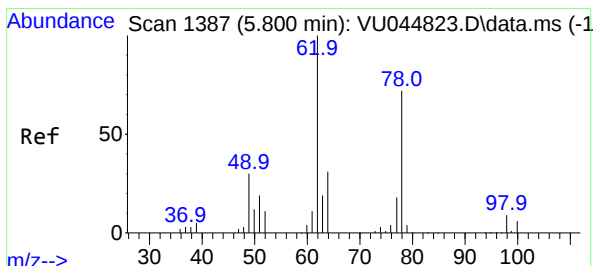
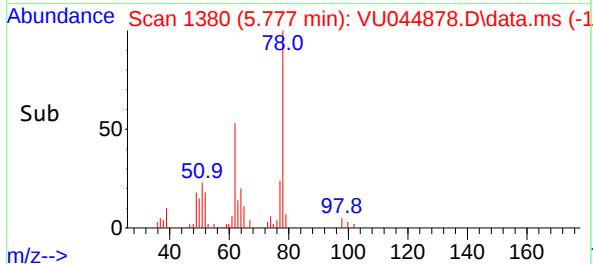
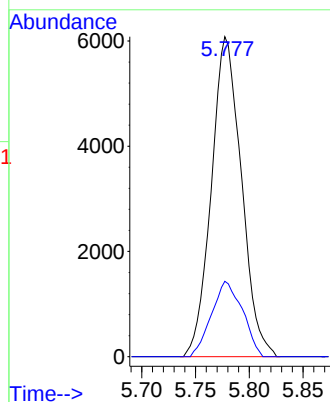
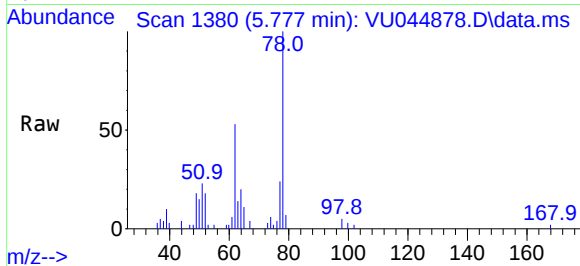




#40
Benzene
Concen: 0.96 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU044878.D
Acq: 26 Sep 2021 08:12

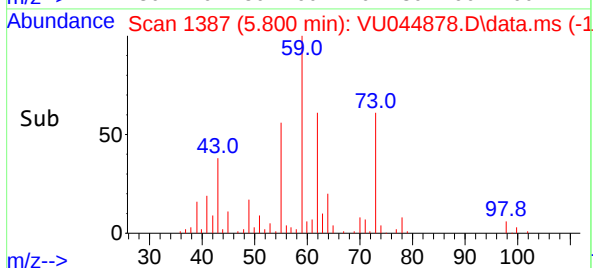
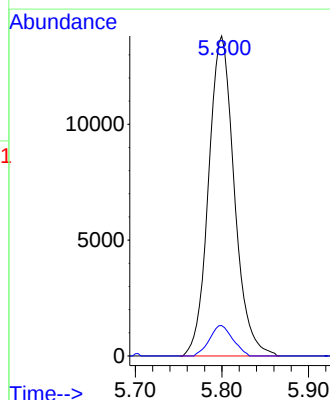
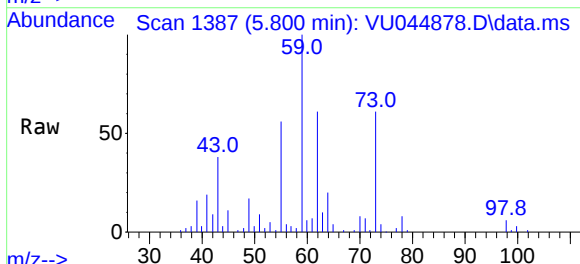
Instrument :
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ClientSampled :
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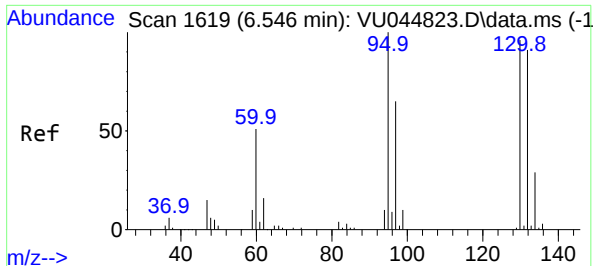
Tgt Ion: 78 Resp: 11816
Ion Ratio Lower Upper
78 100
77 23.6 19.1 28.7



#42
1,2-Dichloroethane
Concen: 5.91 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VU044878.D
Acq: 26 Sep 2021 08:12

Tgt Ion: 62 Resp: 28522
Ion Ratio Lower Upper
62 100
98 8.6 0.0 17.8

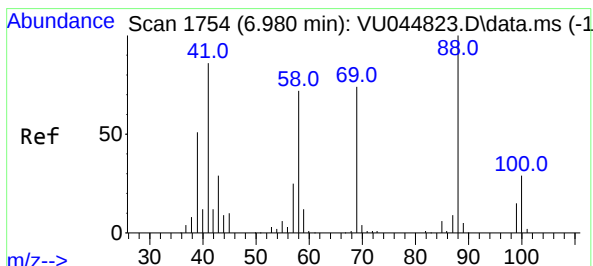
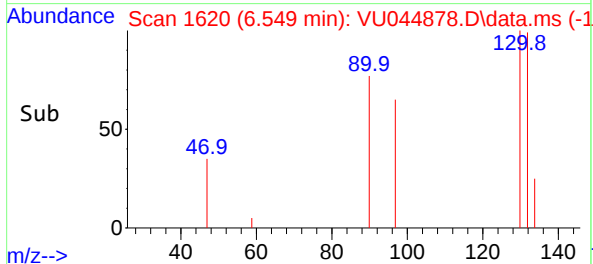
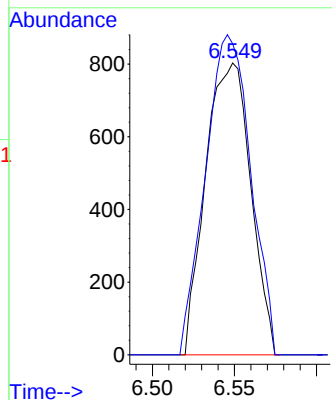
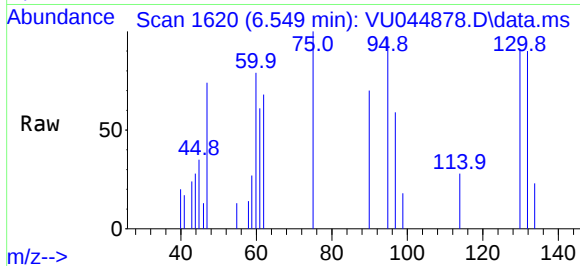




#44
Trichloroethene
Concen: 0.52 ug/l
RT: 6.549 min Scan# 1620
Delta R.T. 0.003 min
Lab File: VU044878.D
Acq: 26 Sep 2021 08:12

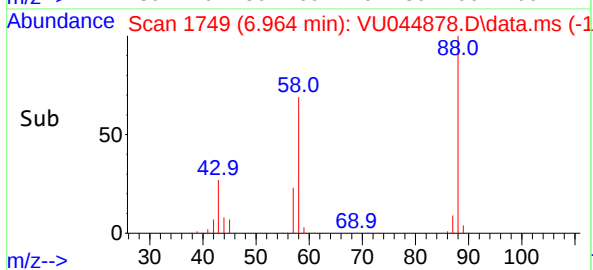
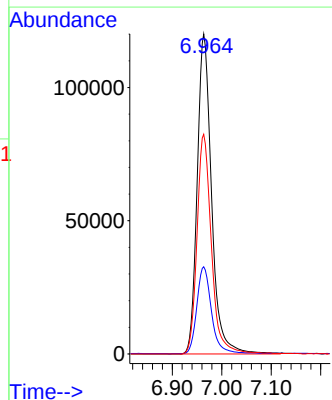
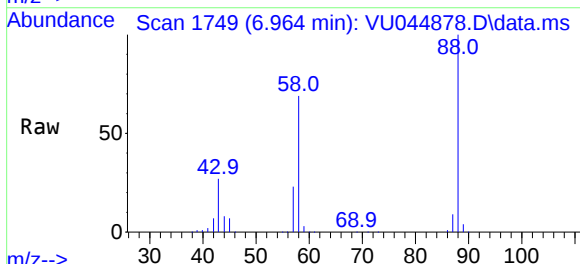
Instrument :
MSVOA_U
ClientSampled :
MW-1

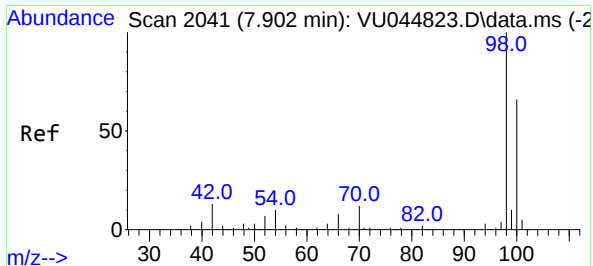
Tgt Ion:130 Resp: 1537
Ion Ratio Lower Upper
130 100
95 106.6 0.0 209.0



#49
1,4-Dioxane
Concen: 2443.95 ug/l
RT: 6.964 min Scan# 1749
Delta R.T. -0.016 min
Lab File: VU044878.D
Acq: 26 Sep 2021 08:12

Tgt Ion: 88 Resp: 243529
Ion Ratio Lower Upper
88 100
43 27.6 25.8 38.6
58 68.4 61.3 91.9





#50

Toluene-d8

Concen: 49.04 ug/l

RT: 7.903 min Scan# 2041

Delta R.T. 0.000 min

Lab File: VU044878.D

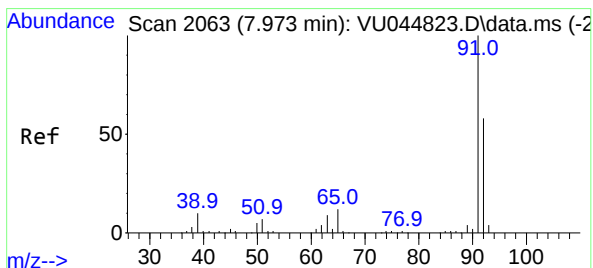
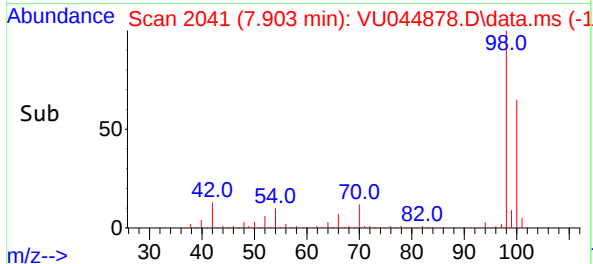
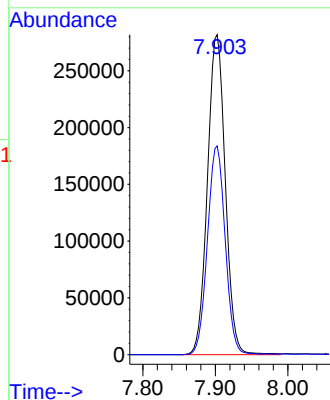
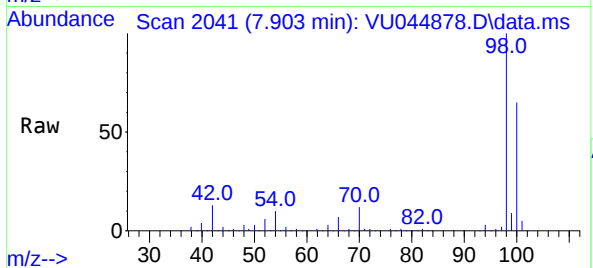
Acq: 26 Sep 2021 08:12

Tgt Ion: 98 Resp: 481846

Ion Ratio Lower Upper

98 100

100 64.9 52.5 78.7



#52

Toluene

Concen: 2.54 ug/l

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU044878.D

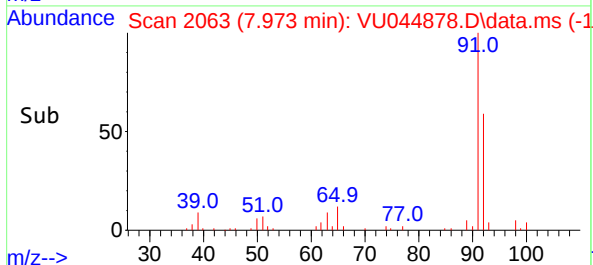
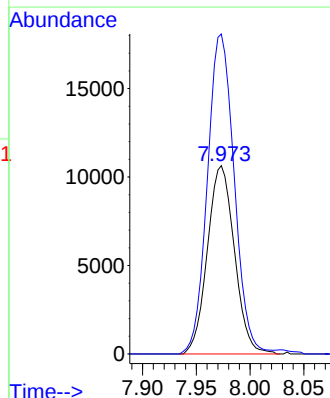
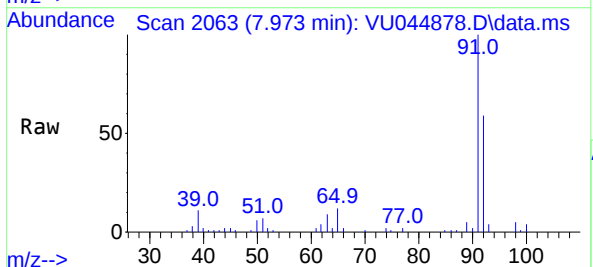
Acq: 26 Sep 2021 08:12

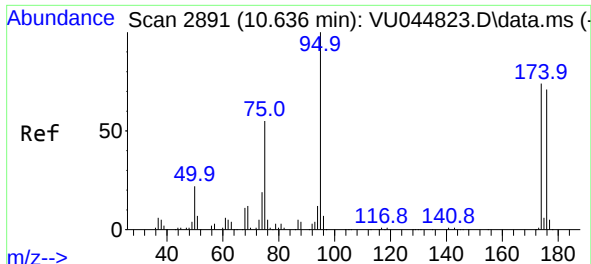
Tgt Ion: 92 Resp: 18630

Ion Ratio Lower Upper

92 100

91 168.4 136.9 205.3

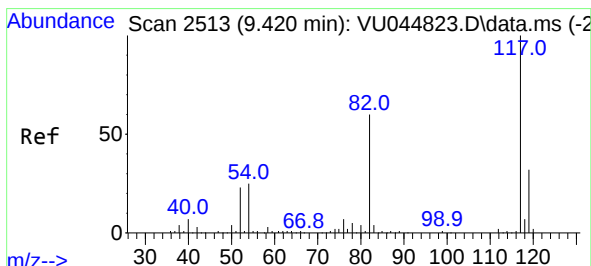
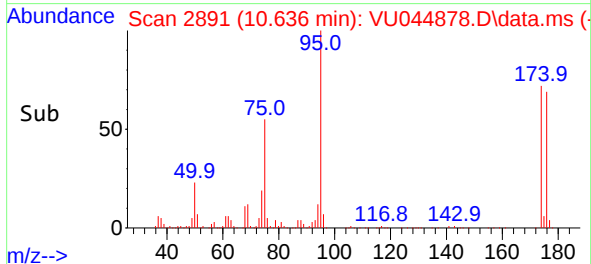
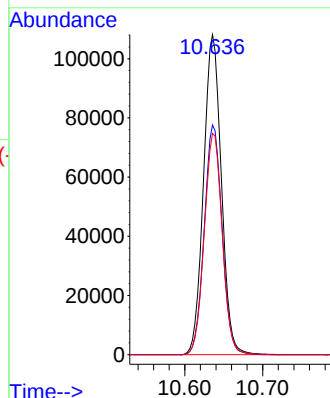
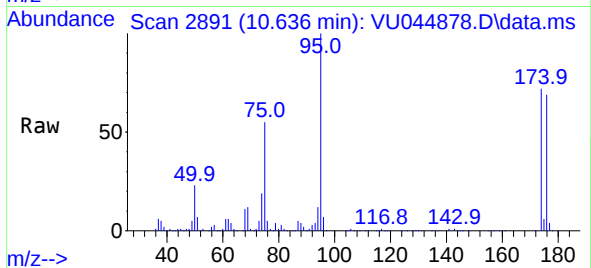




#62
4-Bromofluorobenzene
Concen: 47.05 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU044878.D
Acq: 26 Sep 2021 08:12

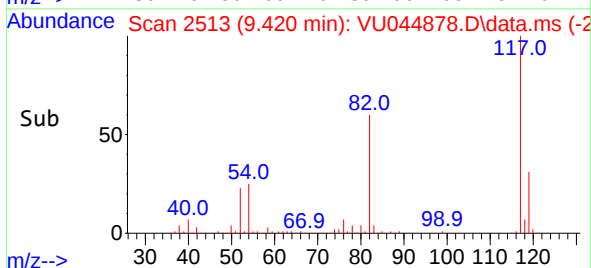
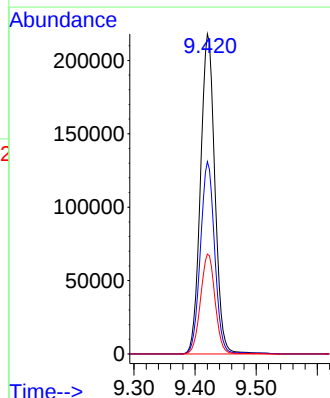
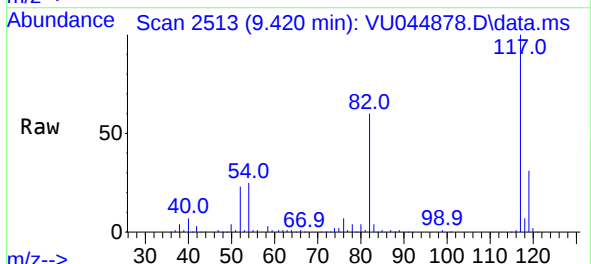
Instrument :
MSVOA_U
ClientSampleId :
MW-1

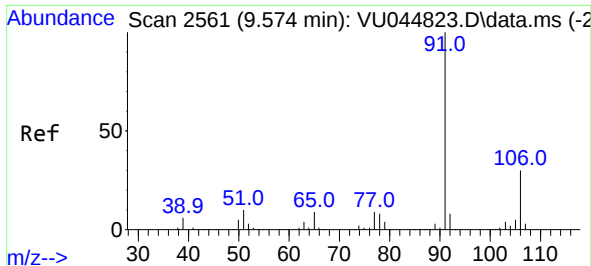
Tgt Ion: 95 Resp: 171709
Ion Ratio Lower Upper
95 100
174 72.1 0.0 146.6
176 69.6 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU044878.D
Acq: 26 Sep 2021 08:12

Tgt Ion: 117 Resp: 356114
Ion Ratio Lower Upper
117 100
82 60.1 47.8 71.8
119 31.2 25.8 38.6

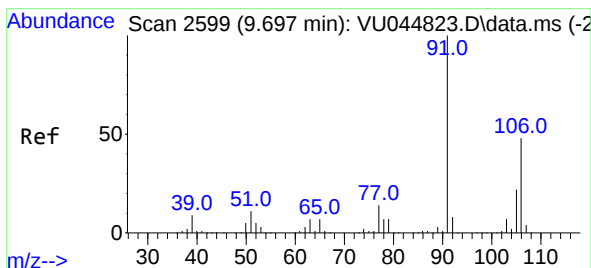
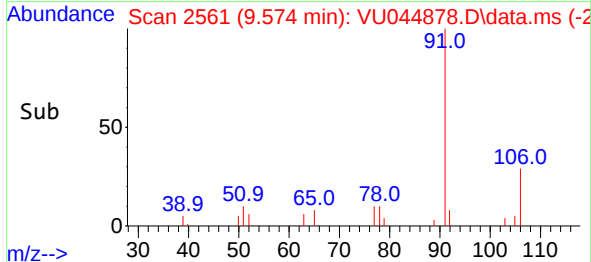
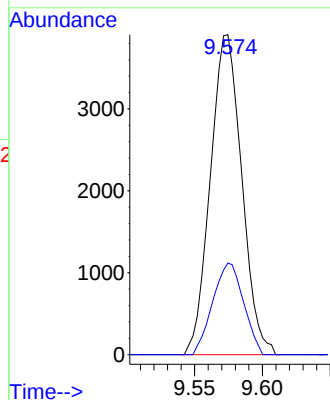
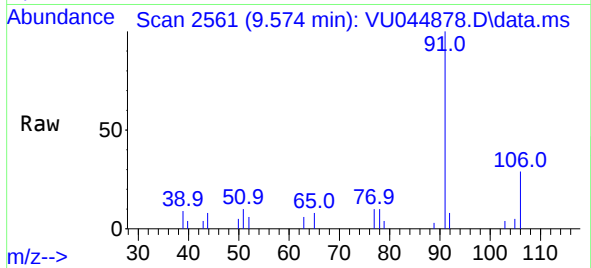




#67
Ethyl Benzene
Concen: 0.48 ug/l
RT: 9.574 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU044878.D
Acq: 26 Sep 2021 08:12

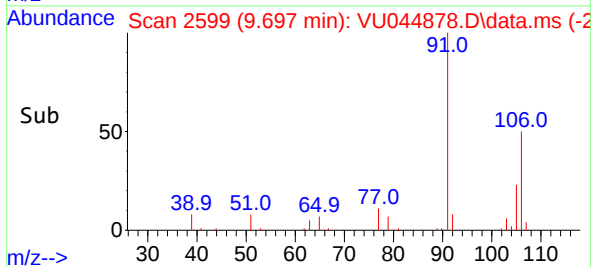
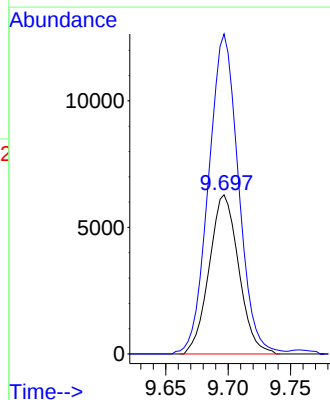
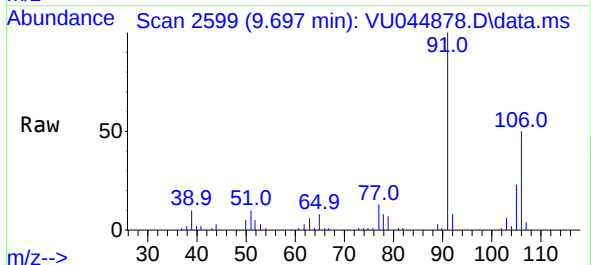
Instrument :
MSVOA_U
ClientSampled :
MW-1

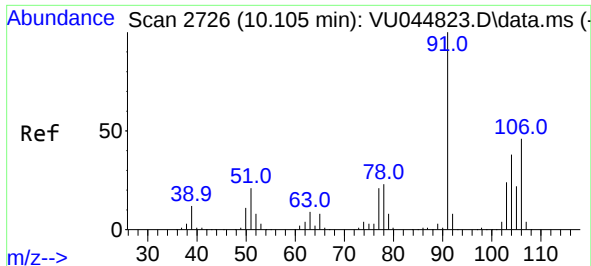
Tgt Ion: 91 Resp: 6287
Ion Ratio Lower Upper
91 100
106 28.6 24.3 36.5



#68
m/p-Xylenes
Concen: 2.06 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU044878.D
Acq: 26 Sep 2021 08:12

Tgt Ion: 106 Resp: 10382
Ion Ratio Lower Upper
106 100
91 203.8 164.2 246.2

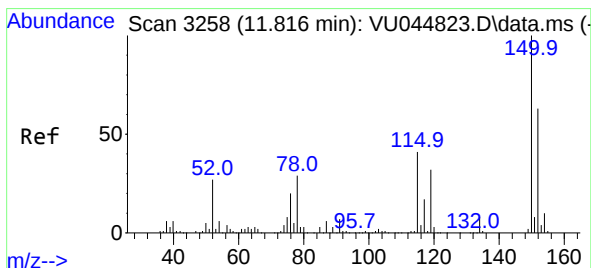
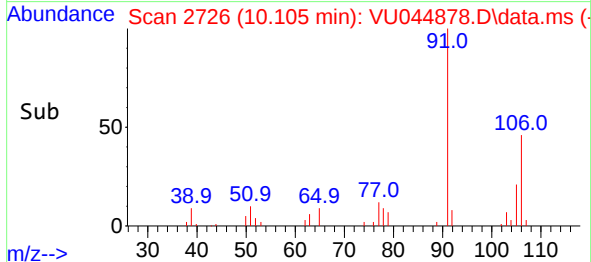
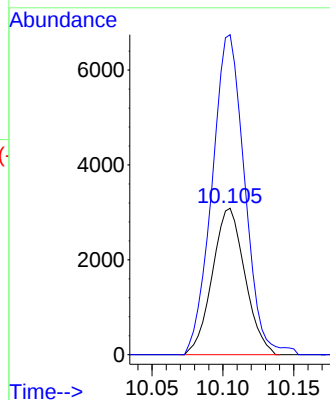
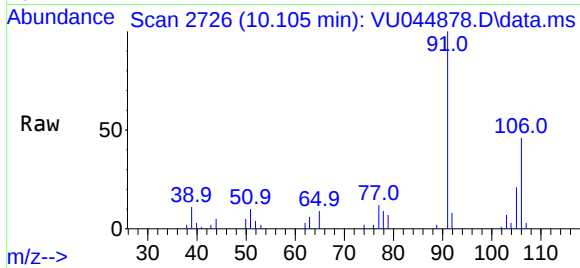




#69
o-Xylene
Concen: 1.01 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU044878.D
Acq: 26 Sep 2021 08:12

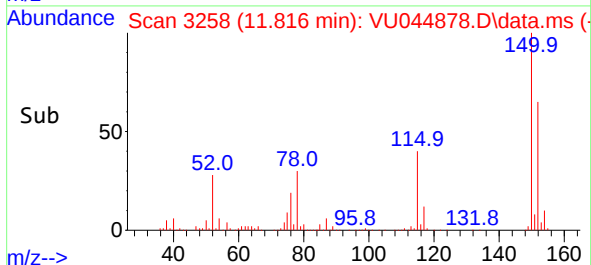
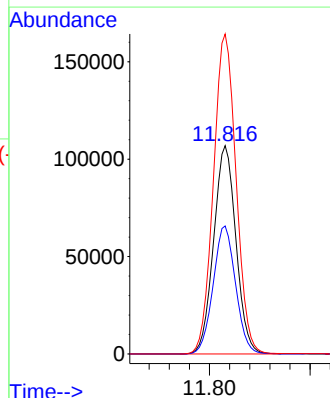
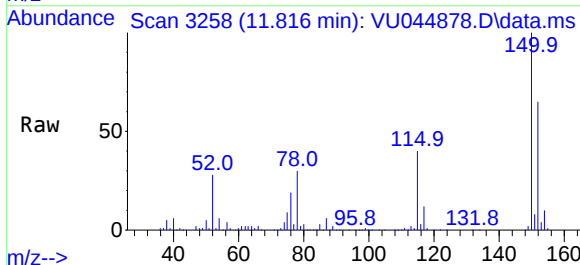
Instrument :
MSVOA_U
ClientSampled :
MW-1

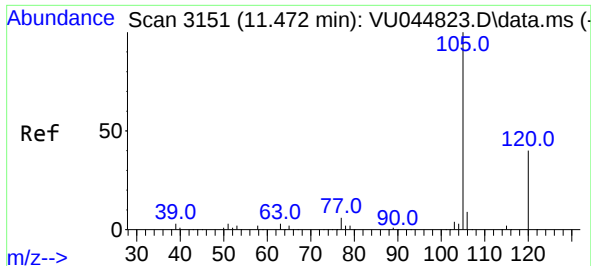
Tgt Ion:106 Resp: 4953
Ion Ratio Lower Upper
106 100
91 218.3 108.9 326.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VU044878.D
Acq: 26 Sep 2021 08:12

Tgt Ion:152 Resp: 164931
Ion Ratio Lower Upper
152 100
115 61.8 43.5 130.7
150 156.0 0.0 350.0

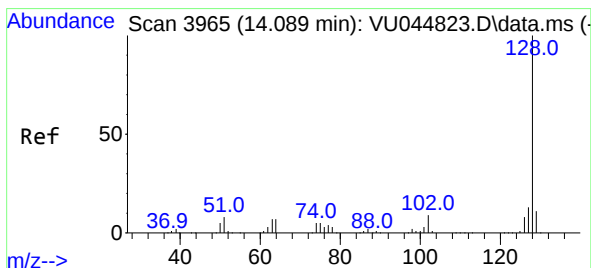
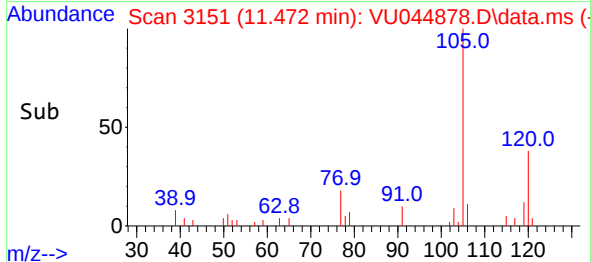
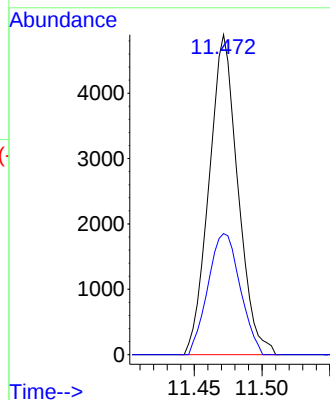
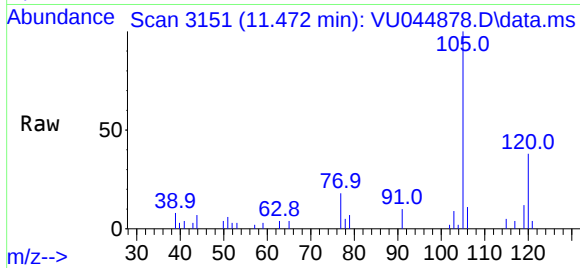




#84
1,2,4-Trimethylbenzene
Concen: 0.74 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU044878.D
Acq: 26 Sep 2021 08:12

Instrument :
MSVOA_U
ClientSampled :
MW-1

Tgt Ion:105 Resp: 7240
Ion Ratio Lower Upper
105 100
120 42.1 22.4 67.3



#95
Naphthalene
Concen: 3.00 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU044878.D
Acq: 26 Sep 2021 08:12

Tgt Ion:128 Resp: 26513
Ion Ratio Lower Upper
128 100
127 12.1 10.4 15.6
129 10.6 8.6 13.0

