

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092521\
 Data File : VU044879.D
 Acq On : 26 Sep 2021 08:35
 Operator : SY/MD
 Sample : M3893-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-2

Quant Time: Sep 27 03:20:18 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)

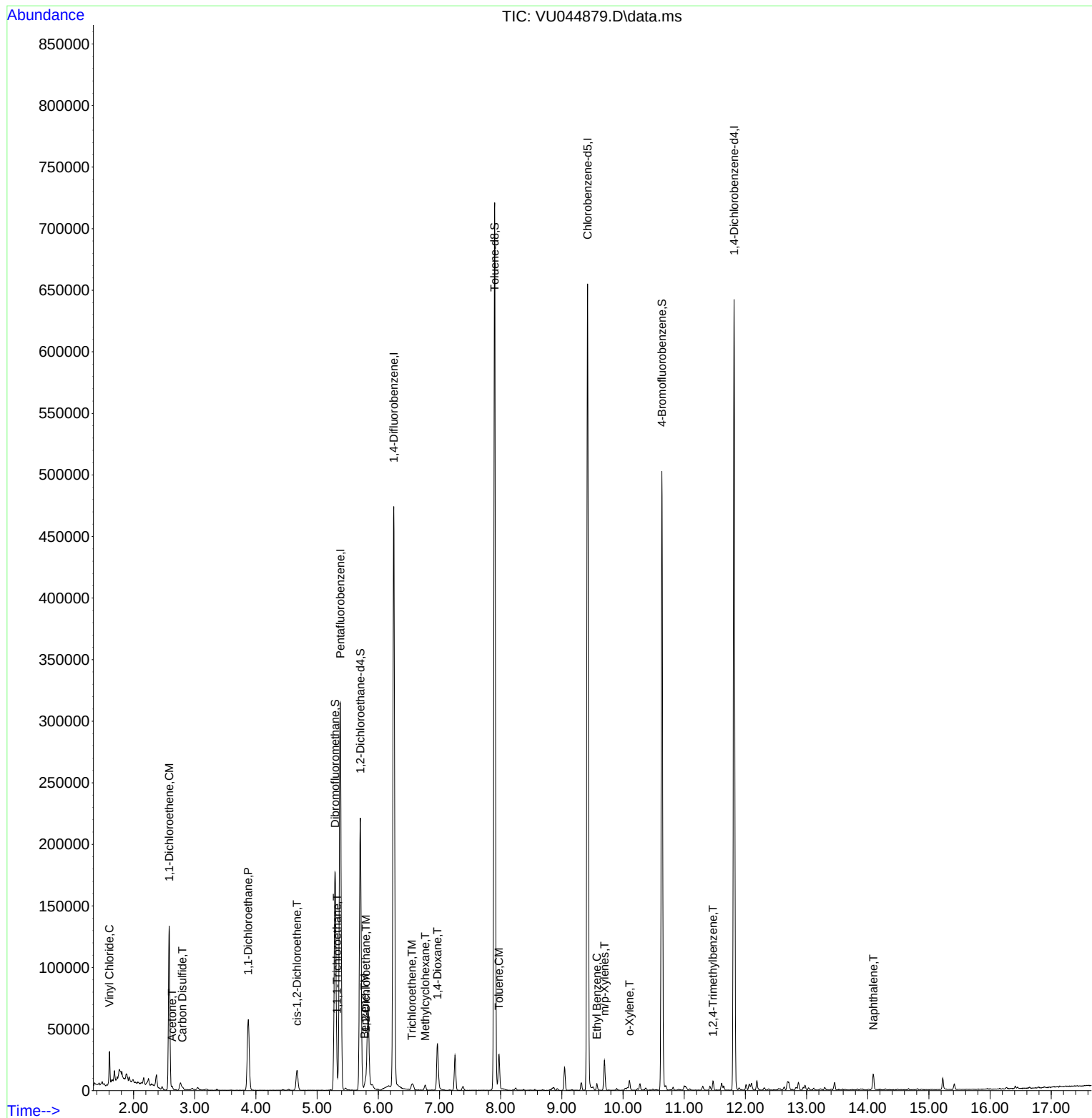
Internal Standards						
1) Pentafluorobenzene	5.379	168	206319	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	365104	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	333875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	154206	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	164015	45.549	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.100%	
35) Dibromofluoromethane	5.292	113	113929	45.487	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.980%	
50) Toluene-d8	7.903	98	460246	48.654	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.300%	
62) 4-Bromofluorobenzene	10.636	95	163617	46.568	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.140%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.607	62	16910	4.832	ug/l	98
12) 1,1-Dichloroethene	2.581	96	43403	17.472	ug/l	95
16) Acetone	2.629	43	3743	1.843	ug/l	97
17) Carbon Disulfide	2.797	76	3287	0.470	ug/l #	90
24) 1,1-Dichloroethane	3.874	63	66243	11.980	ug/l	100
27) cis-1,2-Dichloroethene	4.671	96	8760	2.708	ug/l	86
32) 1,1,1-Trichloroethane	5.324	97	5501	1.225	ug/l #	53
39) Methylcyclohexane	6.768	83	1710	0.390	ug/l	92
40) Benzene	5.777	78	3106	0.263	ug/l	92
42) 1,2-Dichloroethane	5.797	62	6415	1.381	ug/l	97
44) Trichloroethene	6.549	130	1215	0.428	ug/l	98
49) 1,4-Dioxane	6.967	88	28185	293.816	ug/l	94
52) Toluene	7.970	92	10692	1.514	ug/l	89
67) Ethyl Benzene	9.575	91	3905	0.316	ug/l	99
68) m/p-Xylenes	9.697	106	6144	1.298	ug/l	93
69) o-Xylene	10.105	106	2113	0.462	ug/l	94
84) 1,2,4-Trimethylbenzene	11.472	105	4107	0.449	ug/l	95
95) Naphthalene	14.092	128	11406	1.889	ug/l	97

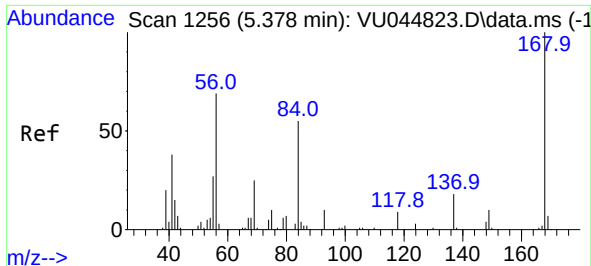
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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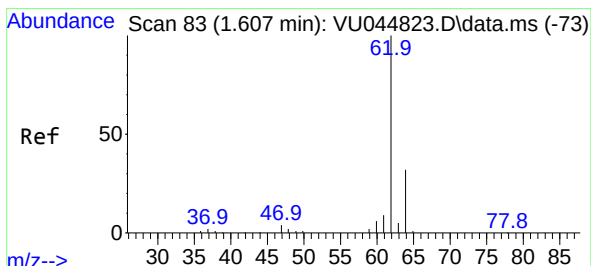
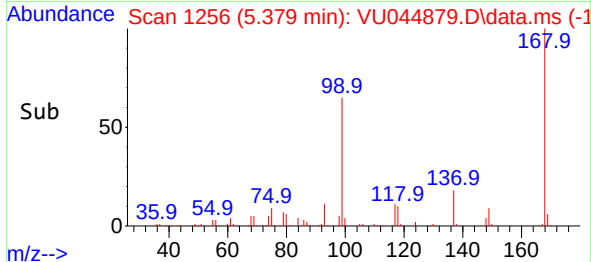
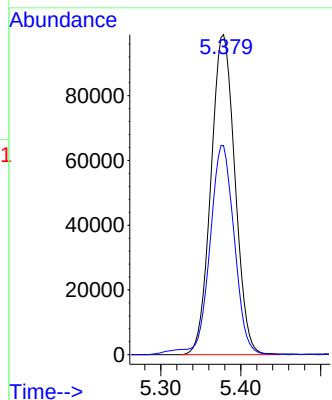
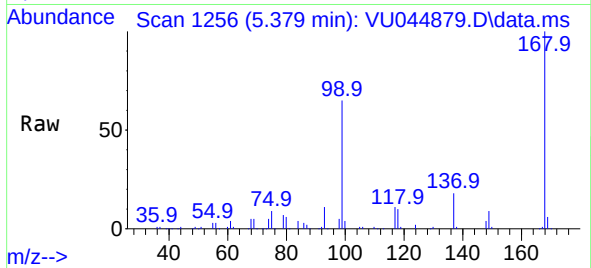




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. 0.001 min
Lab File: VU044879.D
Acq: 26 Sep 2021 08:35

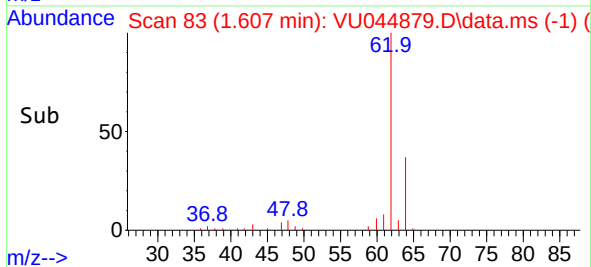
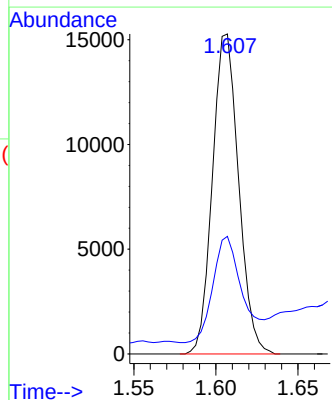
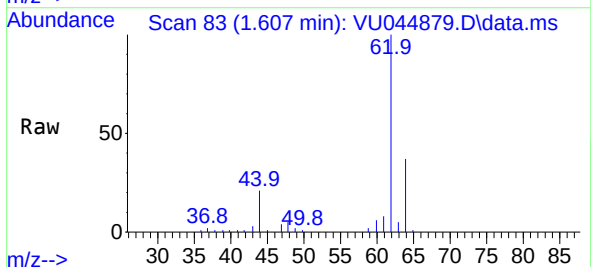
Instrument :
MSVOA_U
ClientSampleId :
MW-2

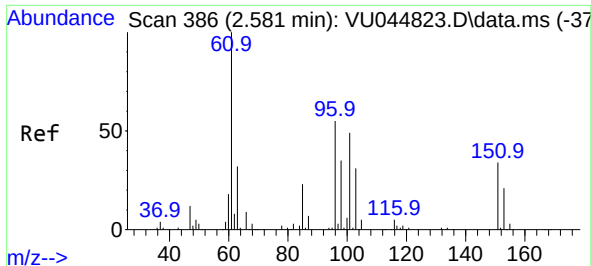
Tgt Ion:168 Resp: 206319
Ion Ratio Lower Upper
168 100
99 65.2 51.4 77.0



#4
Vinyl Chloride
Concen: 4.832 ug/l
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU044879.D
Acq: 26 Sep 2021 08:35

Tgt Ion: 62 Resp: 16910
Ion Ratio Lower Upper
62 100
64 33.2 25.6 38.4

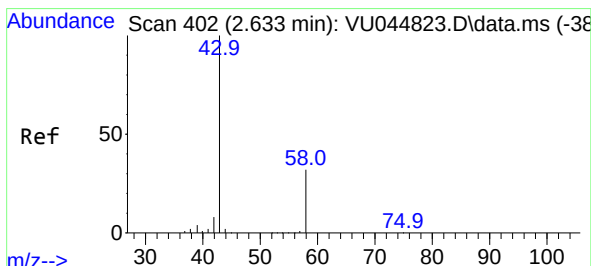
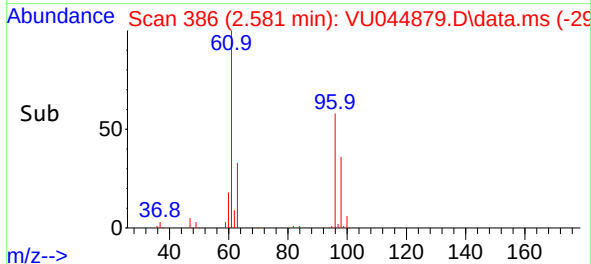
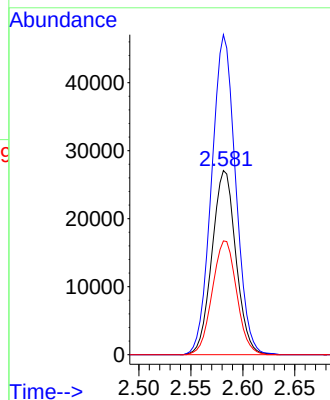
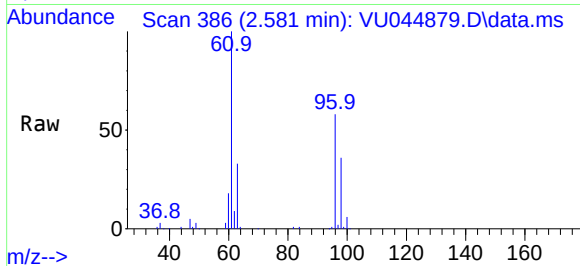




#12
1,1-Dichloroethene
Concen: 17.472 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU044879.D
Acq: 26 Sep 2021 08:35

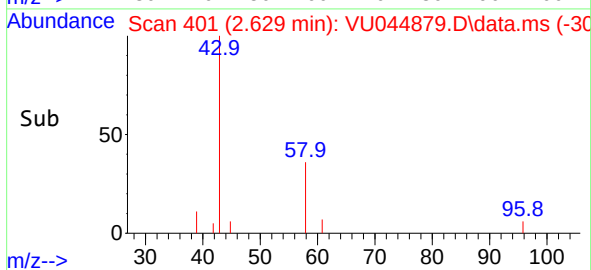
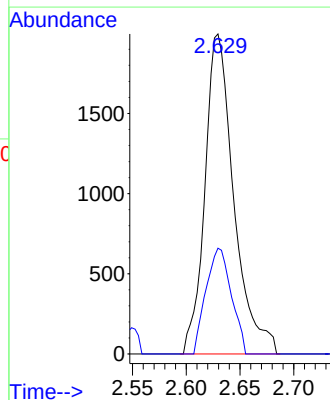
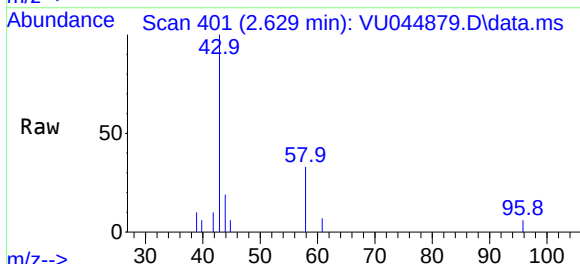
Instrument :
MSVOA_U
ClientSampled :
MW-2

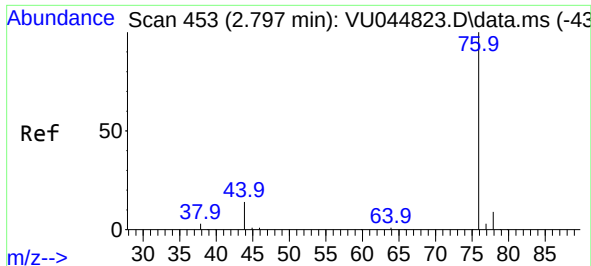
Tgt Ion: 96 Resp: 43403
Ion Ratio Lower Upper
96 100
61 173.8 145.4 218.0
98 61.8 50.9 76.3



#16
Acetone
Concen: 1.843 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.003 min
Lab File: VU044879.D
Acq: 26 Sep 2021 08:35

Tgt Ion: 43 Resp: 3743
Ion Ratio Lower Upper
43 100
58 33.1 25.2 37.8

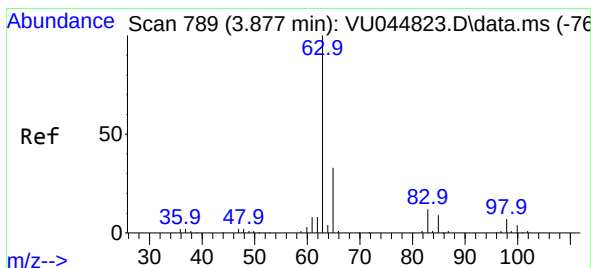
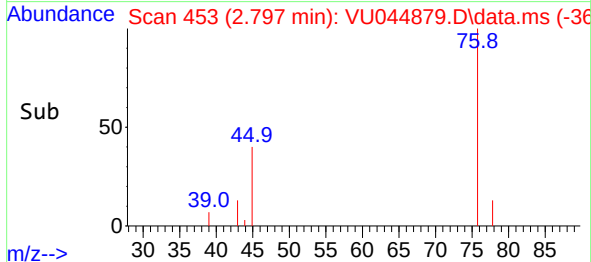
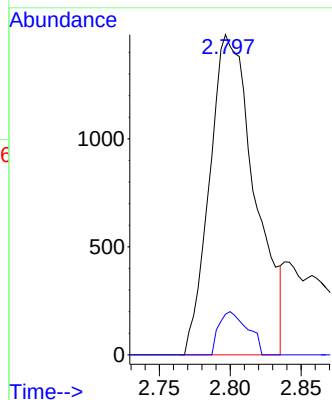
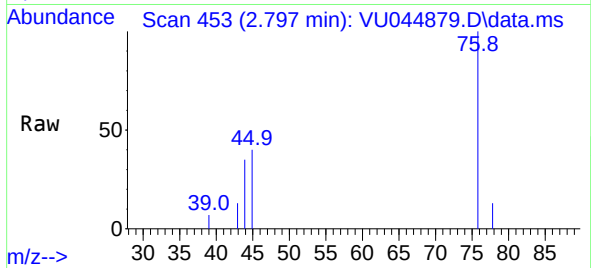




#17
Carbon Disulfide
Concen: 0.470 ug/l
RT: 2.797 min Scan# 453
Delta R.T. 0.000 min
Lab File: VU044879.D
Acq: 26 Sep 2021 08:35

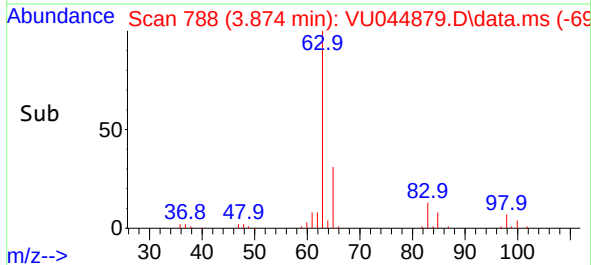
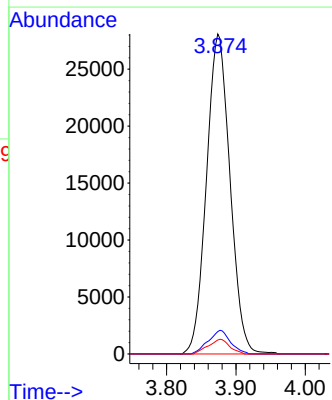
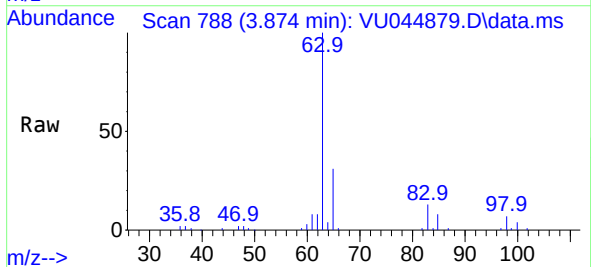
Instrument :
MSVOA_U
ClientSampled :
MW-2

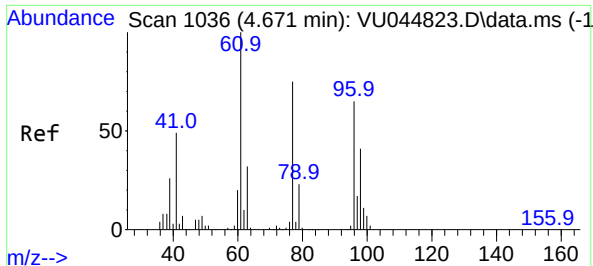
Tgt Ion: 76 Resp: 3287
Ion Ratio Lower Upper
76 100
78 12.7 7.4 11.0#



#24
1,1-Dichloroethane
Concen: 11.980 ug/l
RT: 3.874 min Scan# 788
Delta R.T. -0.003 min
Lab File: VU044879.D
Acq: 26 Sep 2021 08:35

Tgt Ion: 63 Resp: 66243
Ion Ratio Lower Upper
63 100
98 7.0 3.5 10.4
100 4.4 2.1 6.3



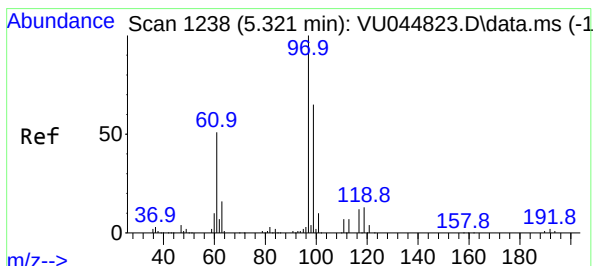
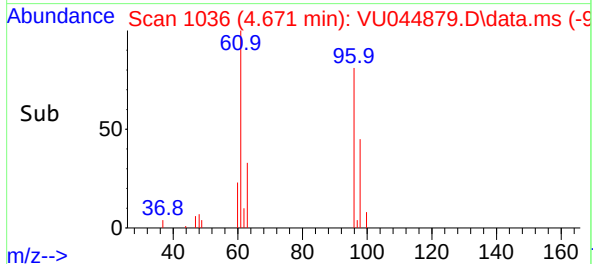
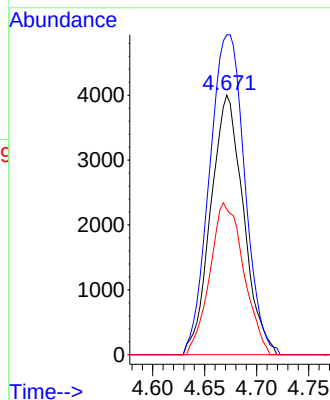
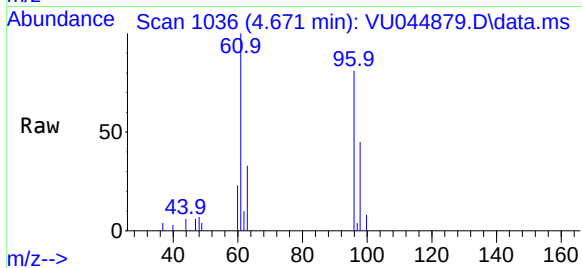


#27

cis-1,2-Dichloroethene
Concen: 2.708 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU044879.D
Acq: 26 Sep 2021 08:35

Instrument :
MSVOA_U
ClientSampled :
MW-2

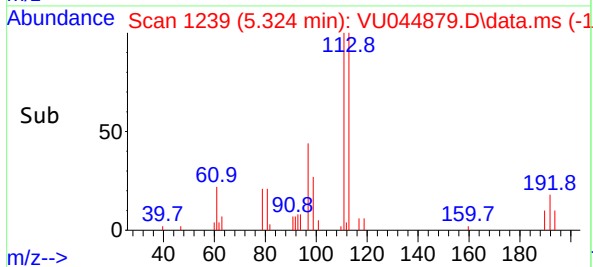
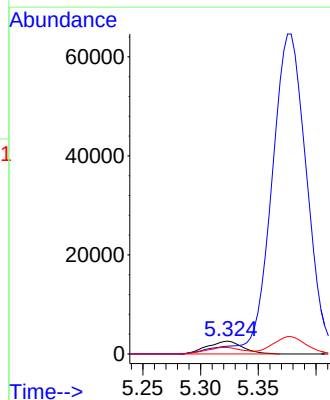
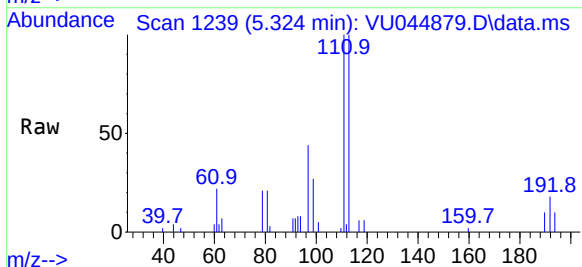
Tgt Ion: 96 Resp: 8760
Ion Ratio Lower Upper
96 100
61 133.1 0.0 313.4
98 60.5 0.0 127.0

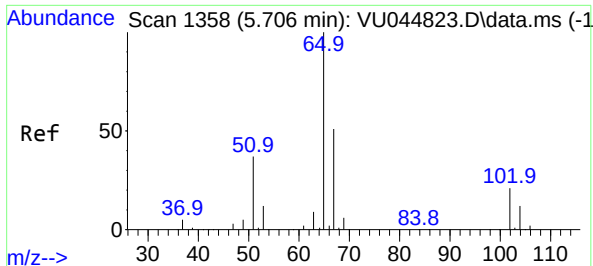


#32

1,1,1-Trichloroethane
Concen: 1.225 ug/l
RT: 5.324 min Scan# 1239
Delta R.T. 0.003 min
Lab File: VU044879.D
Acq: 26 Sep 2021 08:35

Tgt Ion: 97 Resp: 5501
Ion Ratio Lower Upper
97 100
99 0.0 50.9 76.3#
61 53.0 40.7 61.1



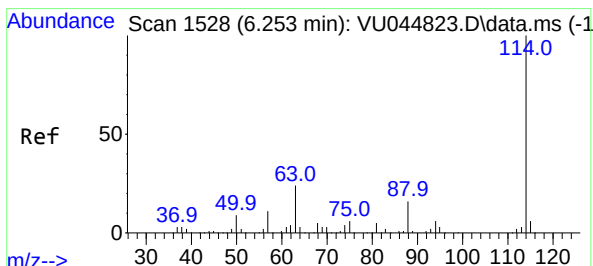
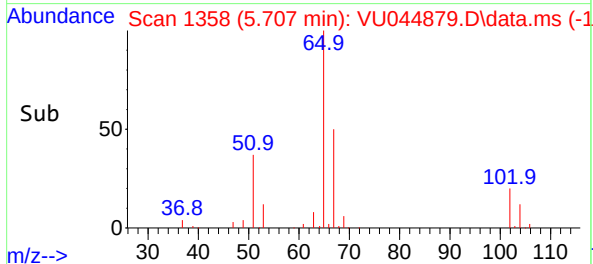
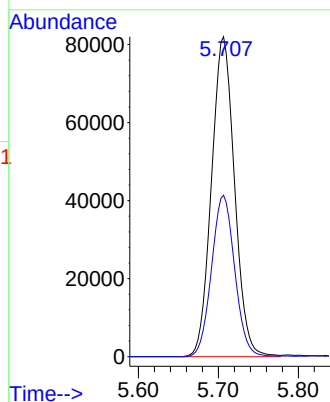
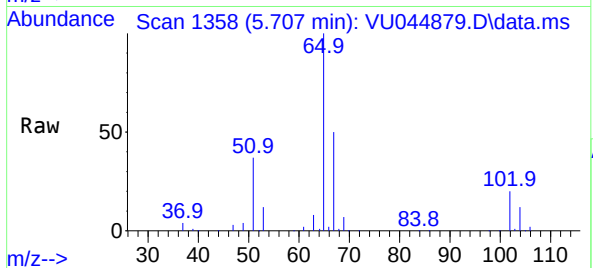


#33

1,2-Dichloroethane-d4
Concen: 45.549 ug/l
RT: 5.707 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VU044879.D
Acq: 26 Sep 2021 08:35

Instrument :
MSVOA_U
ClientSampled :
MW-2

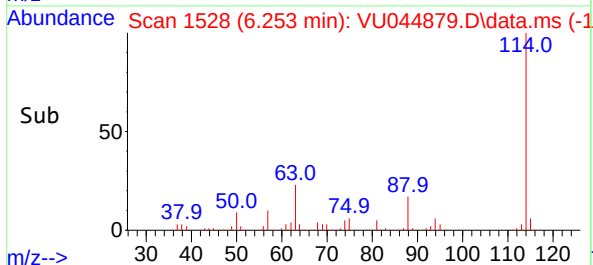
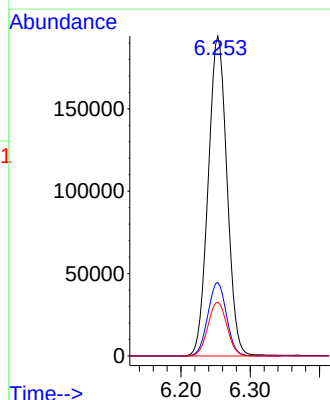
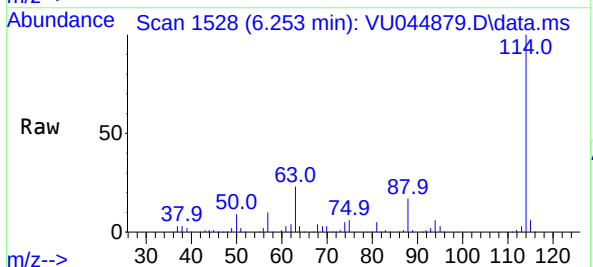
Tgt Ion: 65 Resp: 164015
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.8

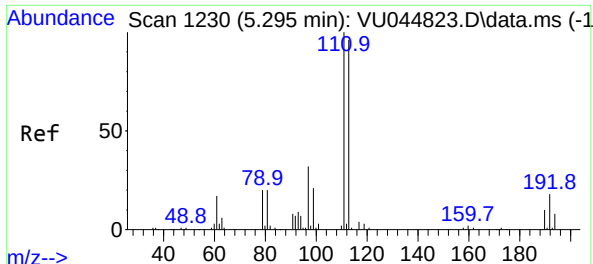


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VU044879.D
Acq: 26 Sep 2021 08:35

Tgt Ion: 114 Resp: 365104
Ion Ratio Lower Upper
114 100
63 23.0 0.0 47.8
88 16.8 0.0 32.8

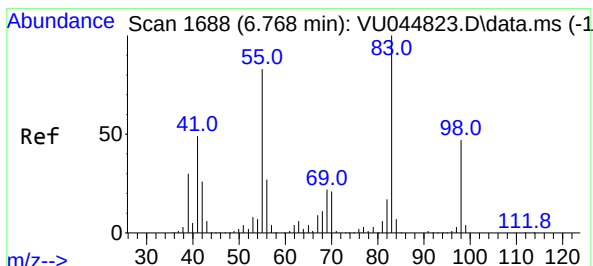
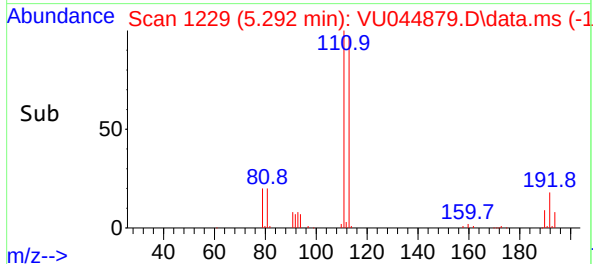
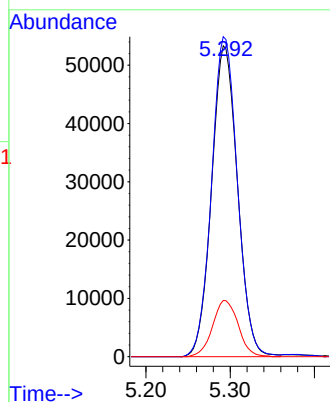
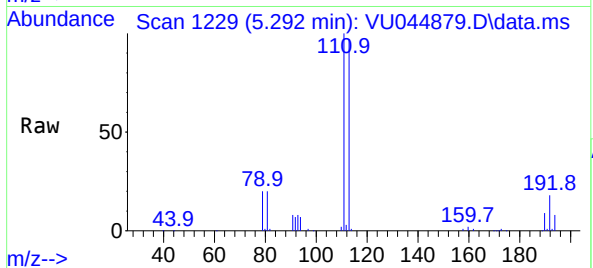




#35
Dibromofluoromethane
Concen: 45.487 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.003 min
Lab File: VU044879.D
Acq: 26 Sep 2021 08:35

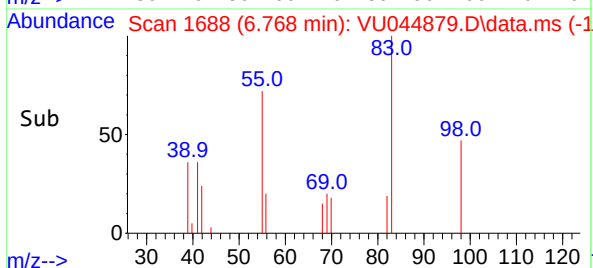
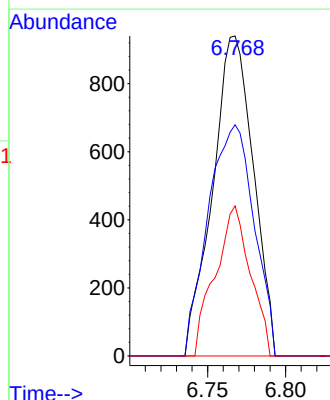
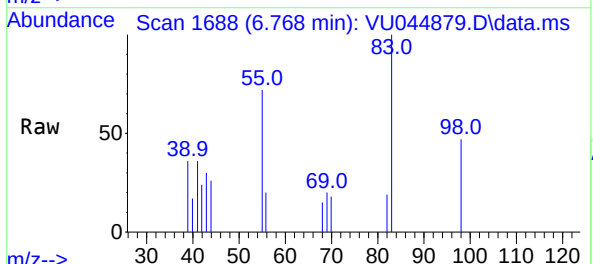
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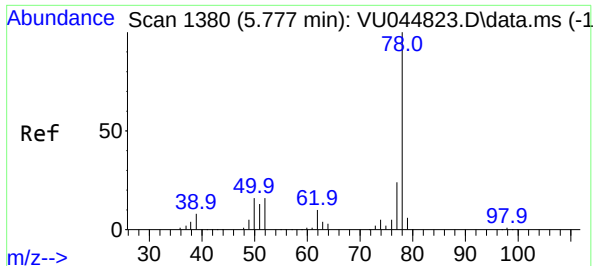
Tgt Ion:113 Resp: 113929
Ion Ratio Lower Upper
113 100
111 102.5 84.1 126.1
192 17.9 14.8 22.2



#39
Methylcyclohexane
Concen: 0.390 ug/l
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU044879.D
Acq: 26 Sep 2021 08:35

Tgt Ion: 83 Resp: 1710
Ion Ratio Lower Upper
83 100
55 72.2 66.2 99.4
98 46.9 37.5 56.3

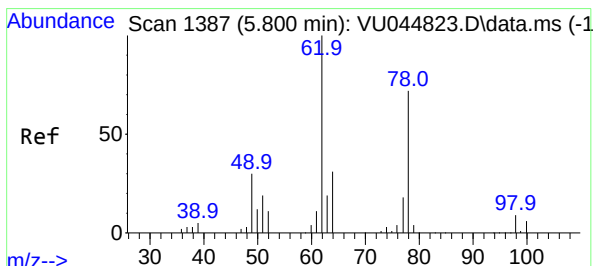
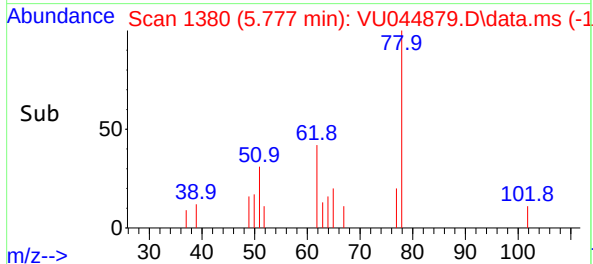
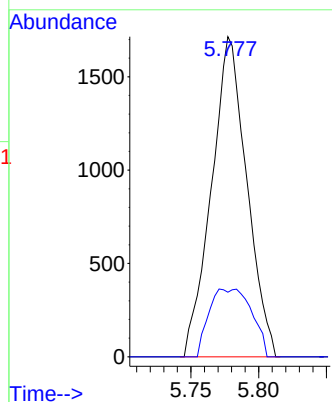
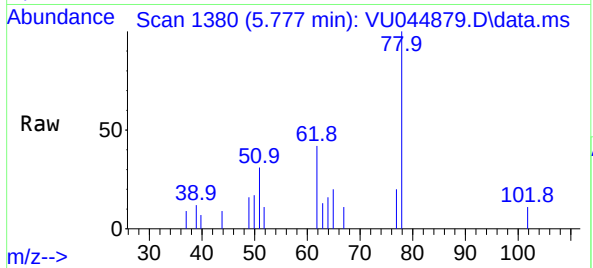




#40
Benzene
Concen: 0.263 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU044879.D
Acq: 26 Sep 2021 08:35

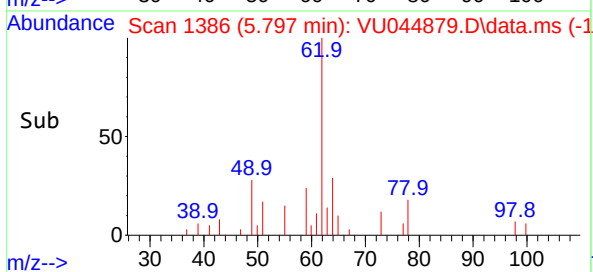
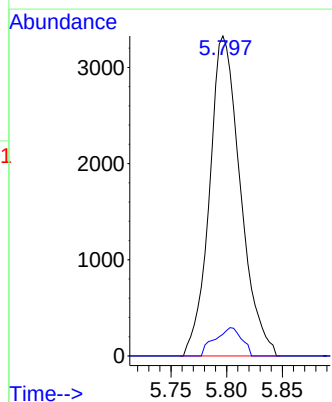
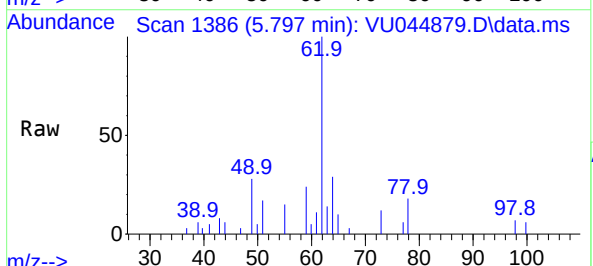
Instrument :
MSVOA_U
ClientSampled :
MW-2

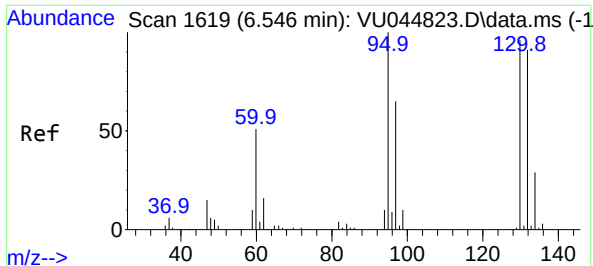
Tgt Ion: 78 Resp: 3106
Ion Ratio Lower Upper
78 100
77 20.2 19.1 28.7



#42
1,2-Dichloroethane
Concen: 1.381 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. -0.003 min
Lab File: VU044879.D
Acq: 26 Sep 2021 08:35

Tgt Ion: 62 Resp: 6415
Ion Ratio Lower Upper
62 100
98 7.7 0.0 17.8

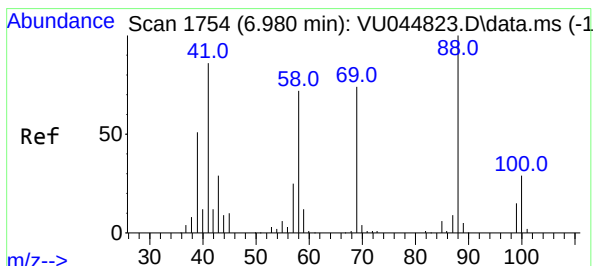
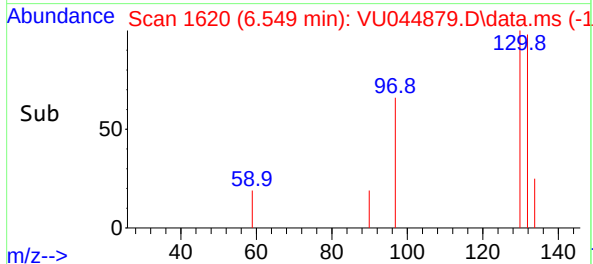
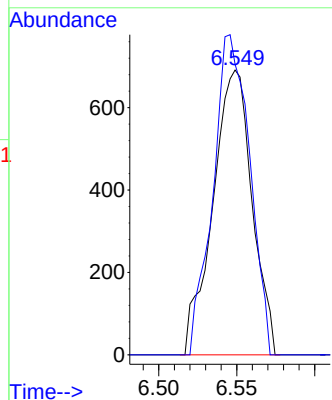
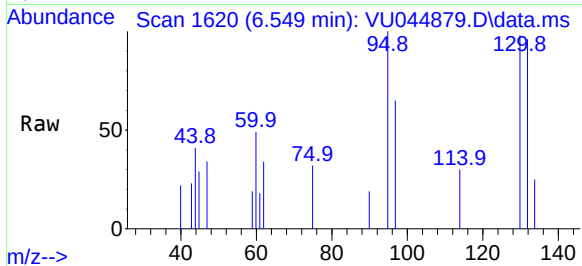




#44
Trichloroethene
Concen: 0.428 ug/l
RT: 6.549 min Scan# 1620
Delta R.T. 0.003 min
Lab File: VU044879.D
Acq: 26 Sep 2021 08:35

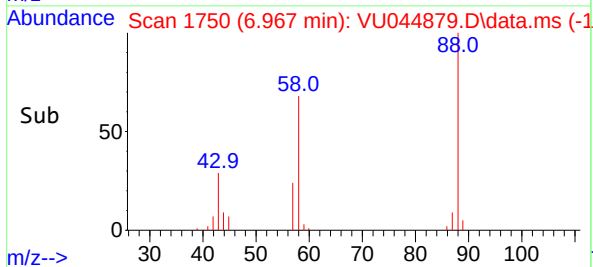
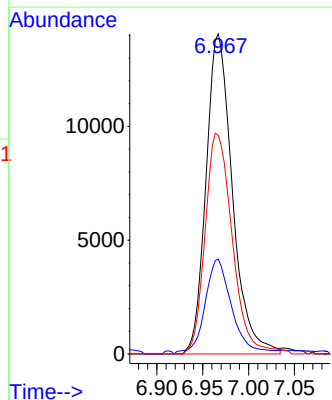
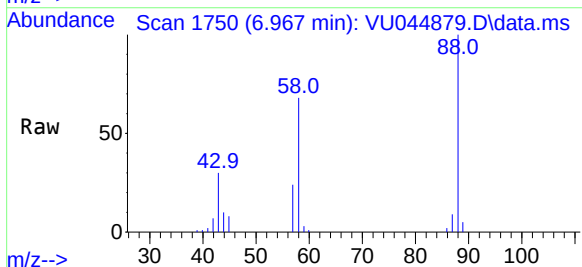
Instrument :
MSVOA_U
ClientSampled :
MW-2

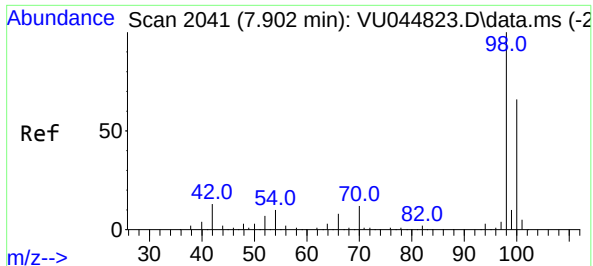
Tgt Ion:130 Resp: 1215
Ion Ratio Lower Upper
130 100
95 102.0 0.0 209.0



#49
1,4-Dioxane
Concen: 293.816 ug/l
RT: 6.967 min Scan# 1750
Delta R.T. -0.013 min
Lab File: VU044879.D
Acq: 26 Sep 2021 08:35

Tgt Ion: 88 Resp: 28185
Ion Ratio Lower Upper
88 100
43 29.9 25.8 38.6
58 71.1 61.3 91.9

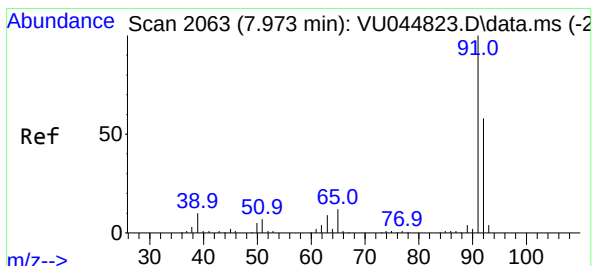
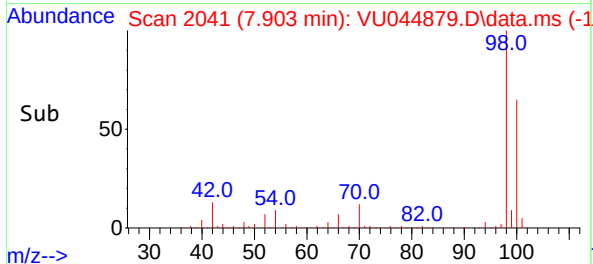
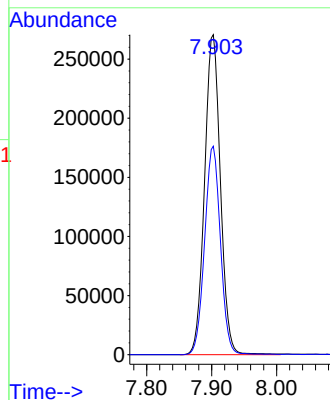
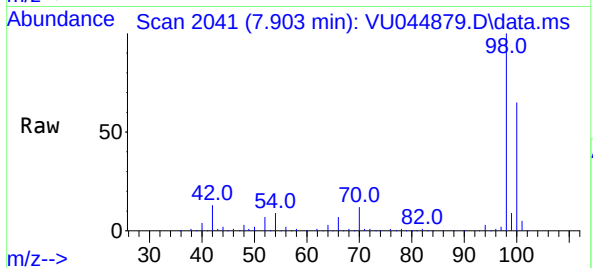




#50
Toluene-d8
Concen: 48.654 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU044879.D
Acq: 26 Sep 2021 08:35

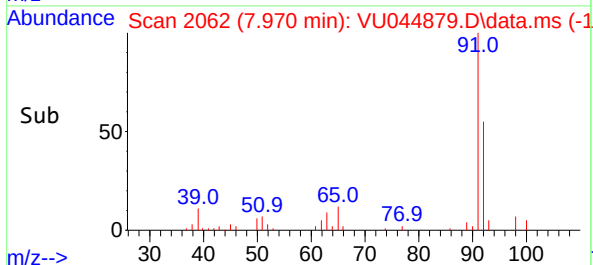
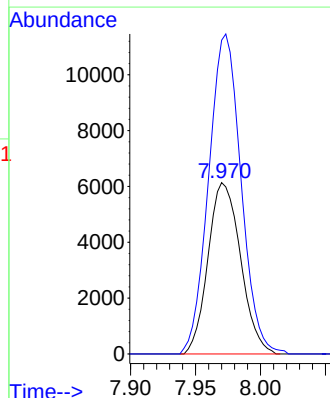
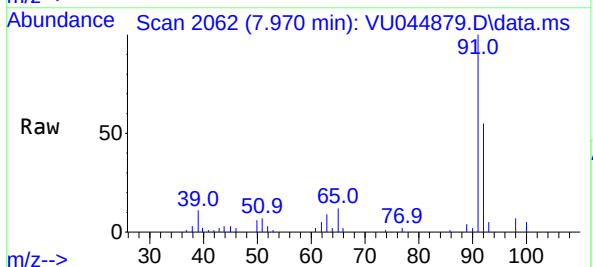
Instrument :
MSVOA_U
ClientSampled :
MW-2

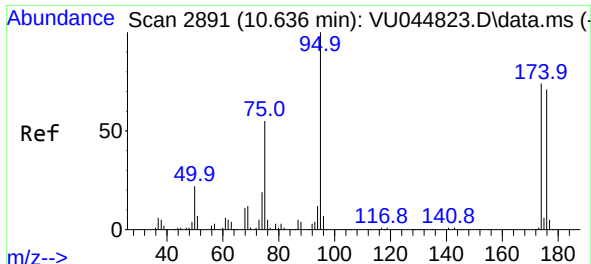
Tgt Ion: 98 Resp: 460246
Ion Ratio Lower Upper
98 100
100 64.9 52.5 78.7



#52
Toluene
Concen: 1.514 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. -0.003 min
Lab File: VU044879.D
Acq: 26 Sep 2021 08:35

Tgt Ion: 92 Resp: 10692
Ion Ratio Lower Upper
92 100
91 185.7 136.9 205.3

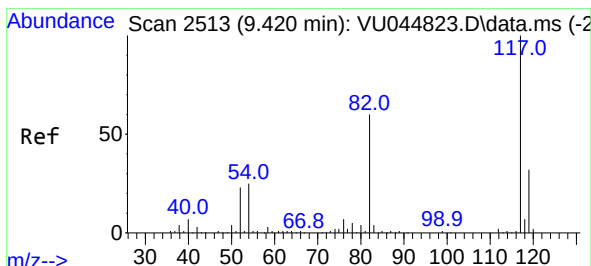
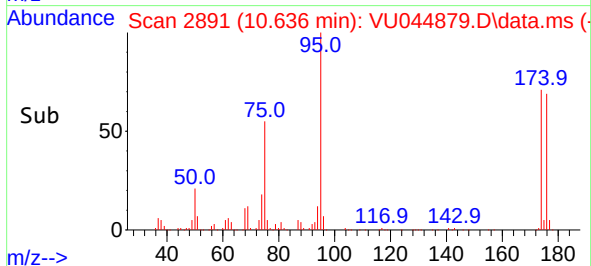
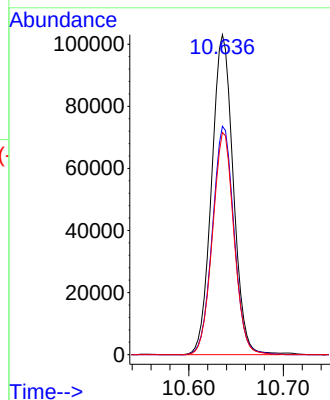
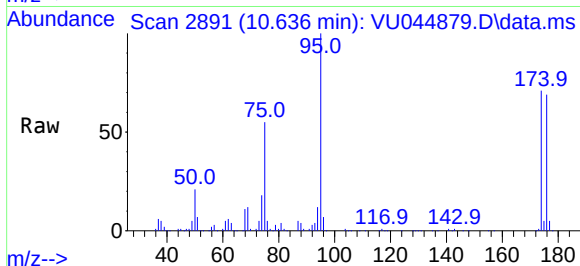




#62
4-Bromofluorobenzene
Concen: 46.568 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU044879.D
Acq: 26 Sep 2021 08:35

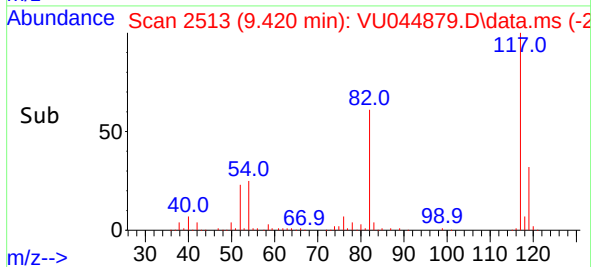
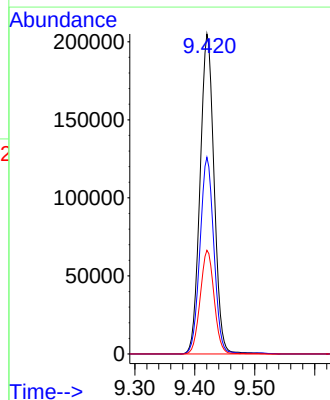
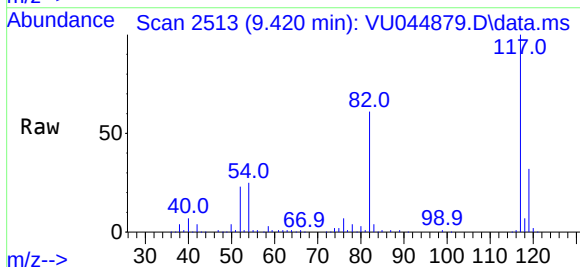
Instrument :
MSVOA_U
ClientSampleId :
MW-2

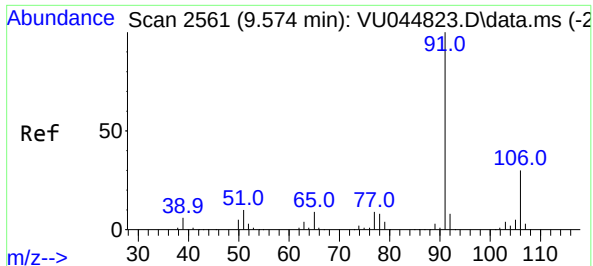
Tgt Ion: 95 Resp: 163617
Ion Ratio Lower Upper
95 100
174 71.5 0.0 146.6
176 69.0 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU044879.D
Acq: 26 Sep 2021 08:35

Tgt Ion: 117 Resp: 333875
Ion Ratio Lower Upper
117 100
82 61.4 47.8 71.8
119 32.4 25.8 38.6

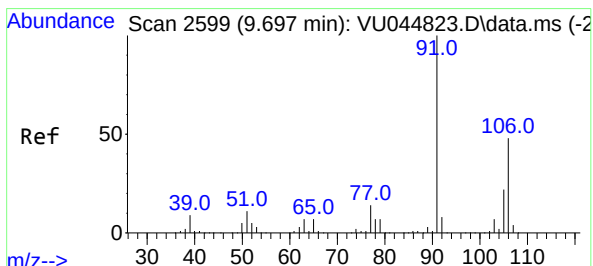
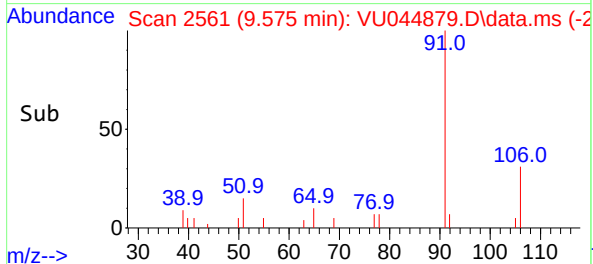
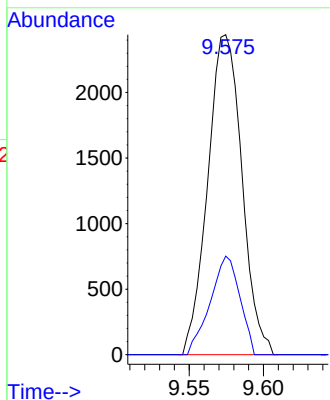
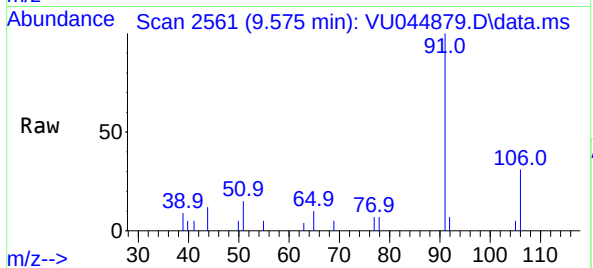




#67
Ethyl Benzene
Concen: 0.316 ug/l
RT: 9.575 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU044879.D
Acq: 26 Sep 2021 08:35

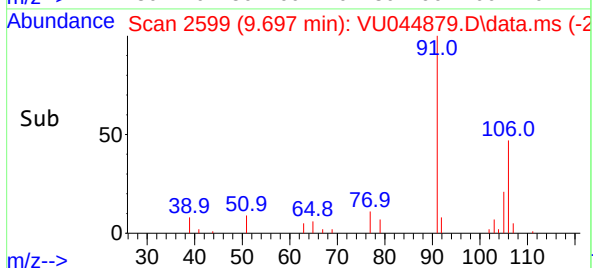
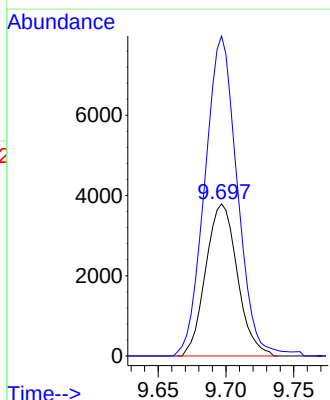
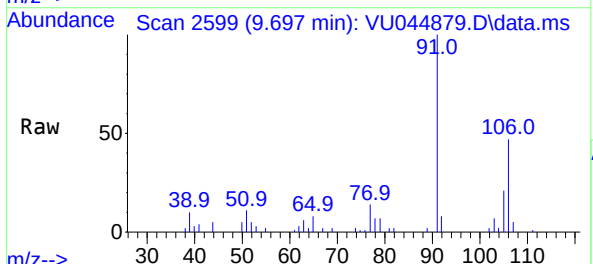
Instrument :
MSVOA_U
ClientSampled :
MW-2

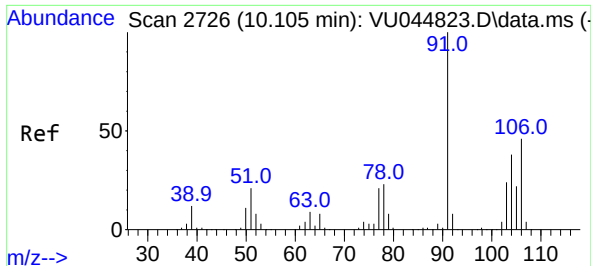
Tgt Ion: 91 Resp: 3905
Ion Ratio Lower Upper
91 100
106 30.8 24.3 36.5



#68
m/p-Xylenes
Concen: 1.298 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU044879.D
Acq: 26 Sep 2021 08:35

Tgt Ion: 106 Resp: 6144
Ion Ratio Lower Upper
106 100
91 216.6 164.2 246.2

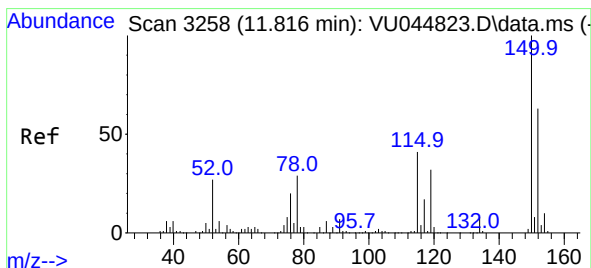
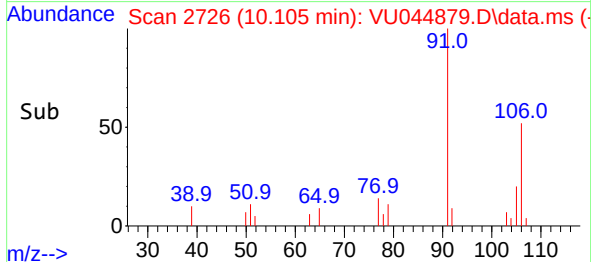
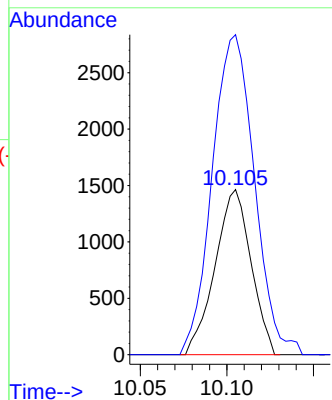
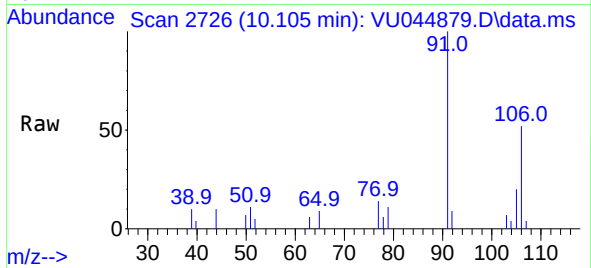




#69
o-Xylene
Concen: 0.462 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU044879.D
Acq: 26 Sep 2021 08:35

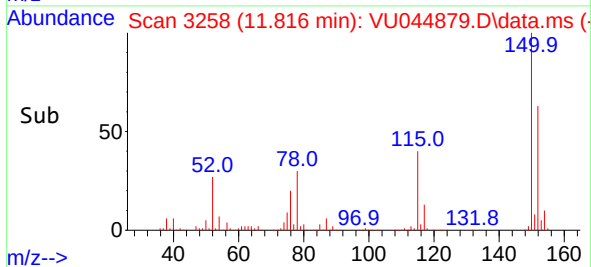
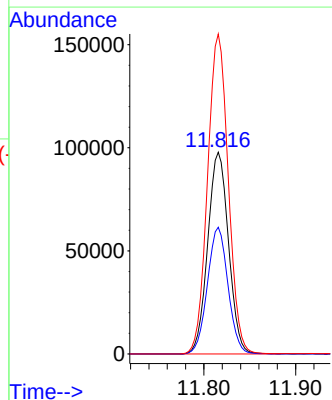
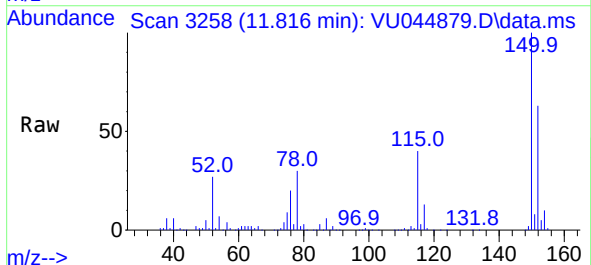
Instrument :
MSVOA_U
ClientSampled :
MW-2

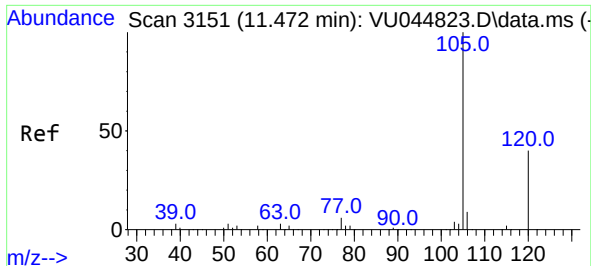
Tgt Ion:106 Resp: 2113
Ion Ratio Lower Upper
106 100
91 227.2 108.9 326.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VU044879.D
Acq: 26 Sep 2021 08:35

Tgt Ion:152 Resp: 154206
Ion Ratio Lower Upper
152 100
115 62.1 43.5 130.7
150 157.6 0.0 350.0

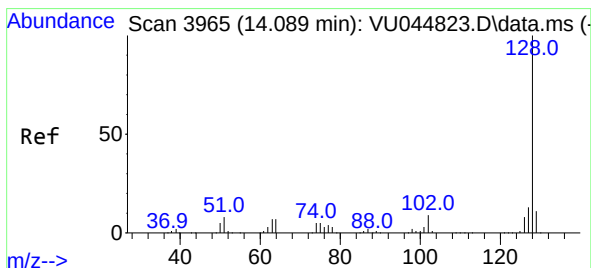
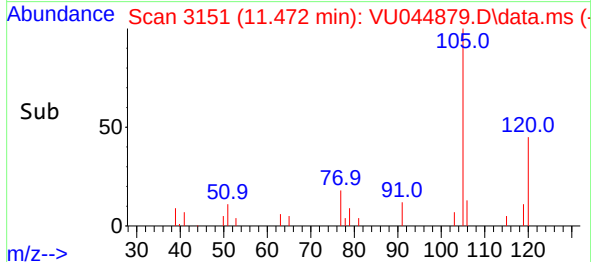
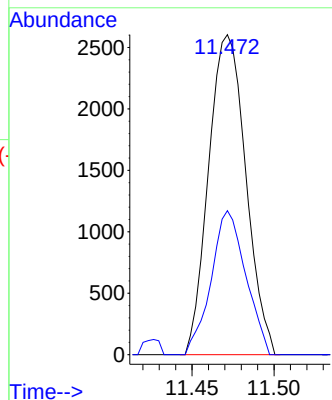
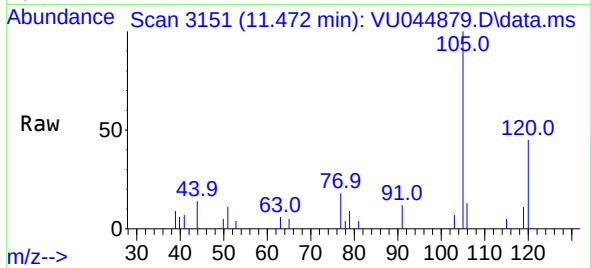




#84
1,2,4-Trimethylbenzene
Concen: 0.449 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU044879.D
Acq: 26 Sep 2021 08:35

Instrument :
MSVOA_U
ClientSampled :
MW-2

Tgt Ion:105 Resp: 4107
Ion Ratio Lower Upper
105 100
120 41.8 22.4 67.3



#95
Naphthalene
Concen: 1.889 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU044879.D
Acq: 26 Sep 2021 08:35

Tgt Ion:128 Resp: 11406
Ion Ratio Lower Upper
128 100
127 12.0 10.4 15.6
129 9.8 8.6 13.0

