

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093021\
 Data File : VU045040.D
 Acq On : 30 Sep 2021 12:34
 Operator : SY/MD
 Sample : M3952-05DL 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-3DL

Quant Time: Sep 30 16:07:17 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)

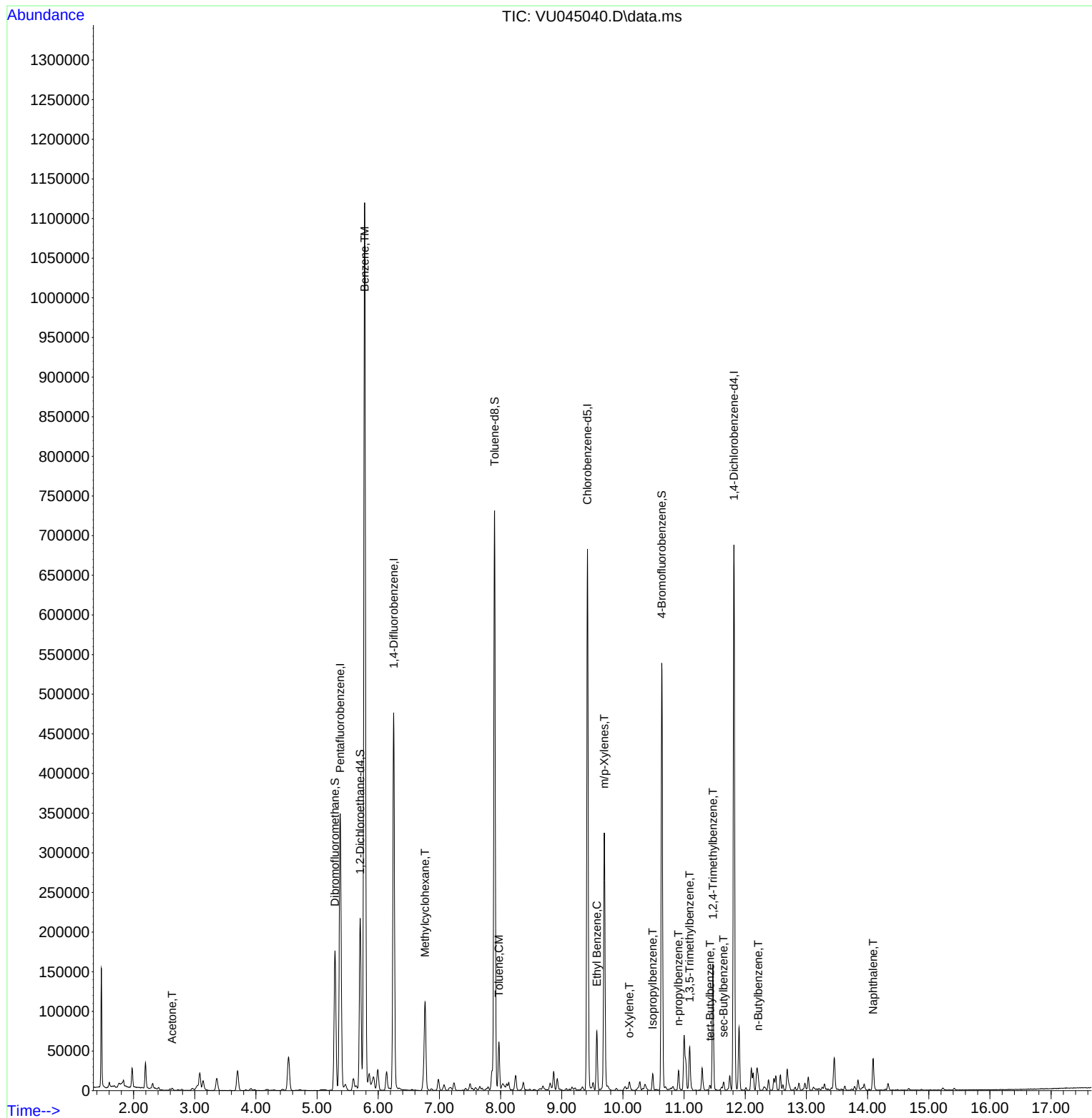
Internal Standards						
1) Pentafluorobenzene	5.375	168	201715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	366270	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	350600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	164957	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	161897	48.215	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.440%		
35) Dibromofluoromethane	5.292	113	113357	49.061	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.120%		
50) Toluene-d8	7.902	98	466403	51.088	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.180%		
62) 4-Bromofluorobenzene	10.635	95	179353	47.585	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.180%		
Target Compounds						Qvalue
16) Acetone	2.629	43	3967	1.990	ug/l	96
39) Methylcyclohexane	6.764	83	46004	9.784	ug/l	96
40) Benzene	5.777	78	1027516	90.069	ug/l	100
52) Toluene	7.973	92	23855	3.341	ug/l	98
67) Ethyl Benzene	9.574	91	50306	3.719	ug/l	99
68) m/p-Xylenes	9.697	106	85809	16.329	ug/l	98
69) o-Xylene	10.102	106	2737	0.525	ug/l	96
73) Isopropylbenzene	10.487	105	12988	1.057	ug/l	97
78) n-propylbenzene	10.909	91	19160	1.280	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	29216	2.715	ug/l	98
83) tert-Butylbenzene	11.426	119	2496	0.238	ug/l	82
84) 1,2,4-Trimethylbenzene	11.471	105	83893	7.880	ug/l	99
85) sec-Butylbenzene	11.645	105	7089	0.526	ug/l	95
89) n-Butylbenzene	12.211	91	8644	0.866	ug/l #	56
95) Naphthalene	14.092	128	32990	2.710	ug/l	99

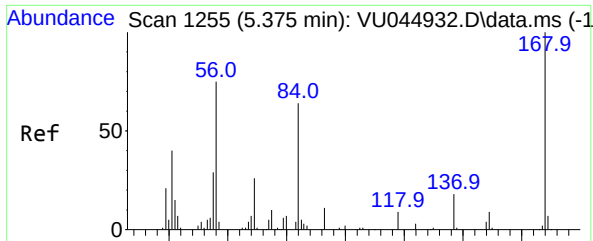
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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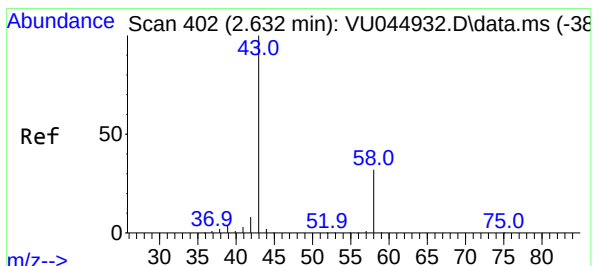
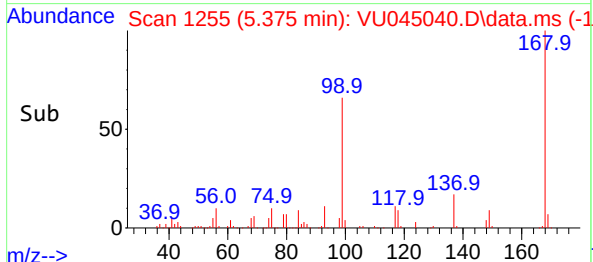
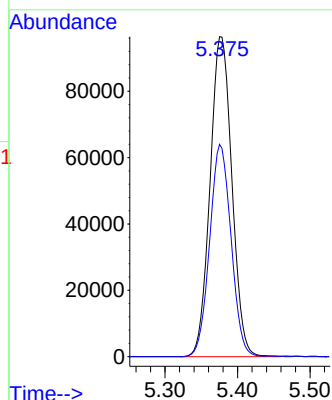
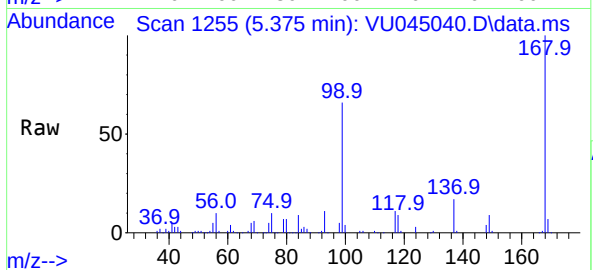




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VU045040.D
Acq: 30 Sep 2021 12:34

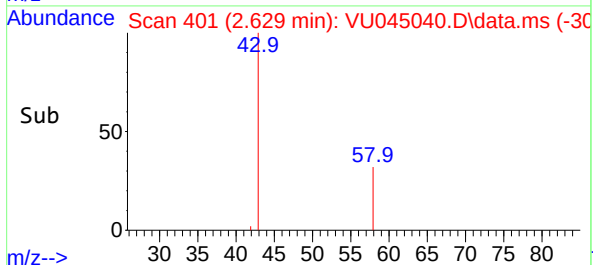
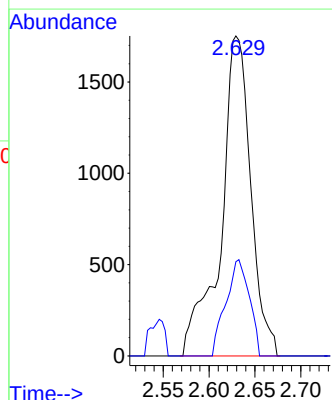
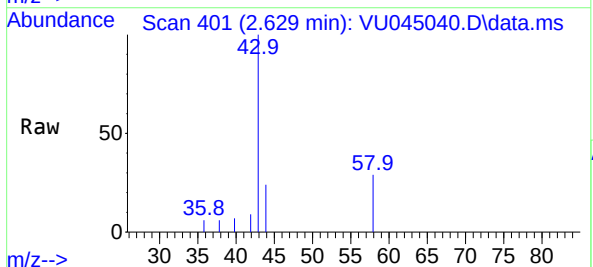
Instrument :
MSVOA_U
ClientSampled :
MW-3DL

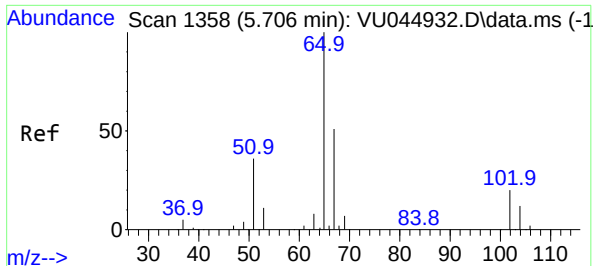
Tgt Ion:168 Resp: 201715
Ion Ratio Lower Upper
168 100
99 66.4 51.4 77.0



#16
Acetone
Concen: 1.990 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.003 min
Lab File: VU045040.D
Acq: 30 Sep 2021 12:34

Tgt Ion: 43 Resp: 3967
Ion Ratio Lower Upper
43 100
58 29.5 25.2 37.8

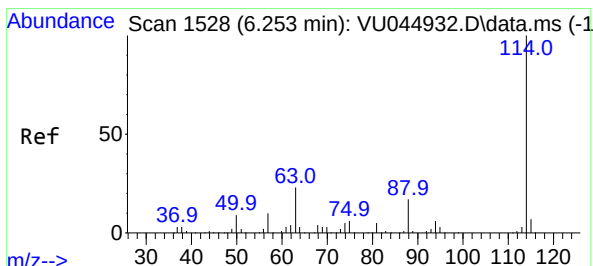
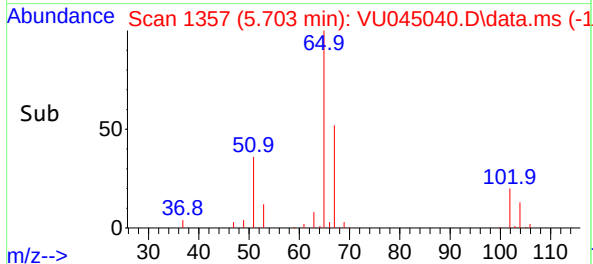
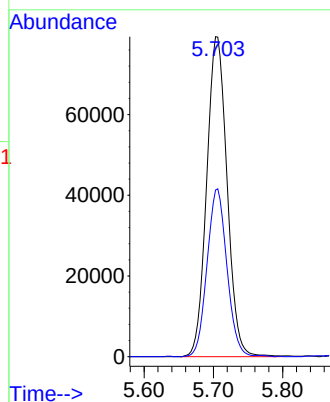
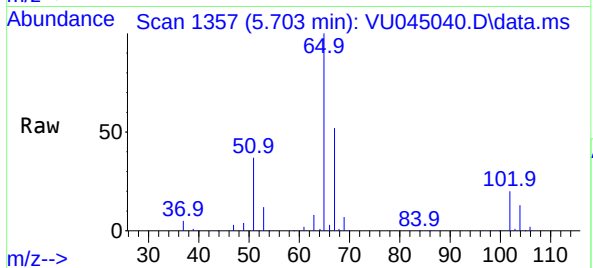




#33
1,2-Dichloroethane-d4
Concen: 48.215 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. -0.003 min
Lab File: VU045040.D
Acq: 30 Sep 2021 12:34

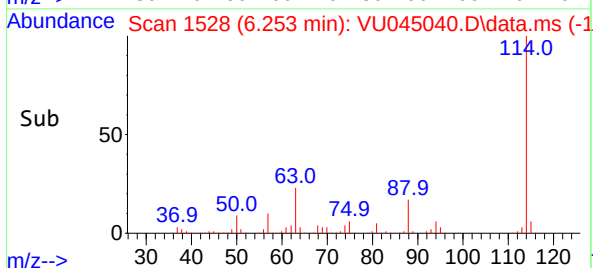
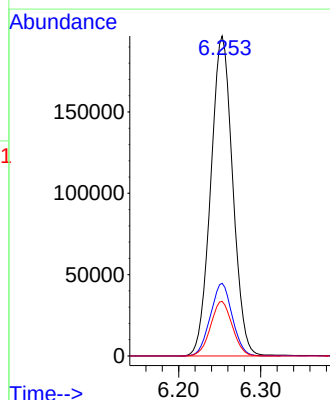
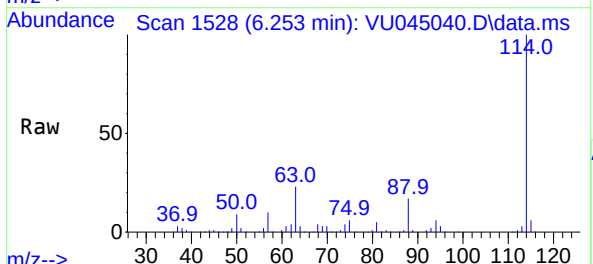
Instrument :
MSVOA_U
ClientSampleId :
MW-3DL

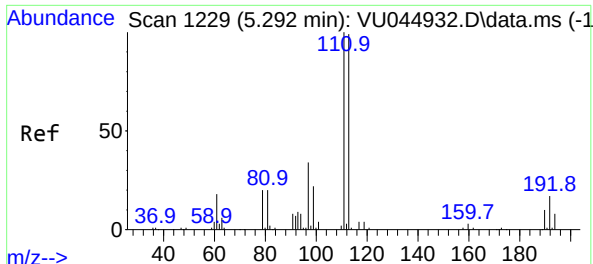
Tgt Ion: 65 Resp: 161897
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VU045040.D
Acq: 30 Sep 2021 12:34

Tgt Ion: 114 Resp: 366270
Ion Ratio Lower Upper
114 100
63 22.7 0.0 47.8
88 17.0 0.0 32.8

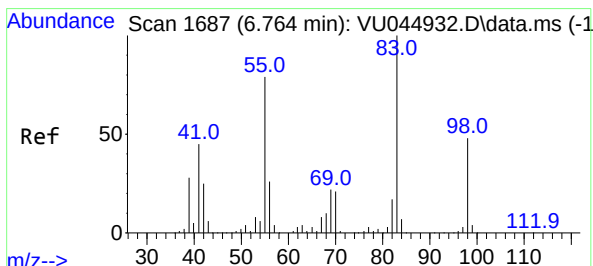
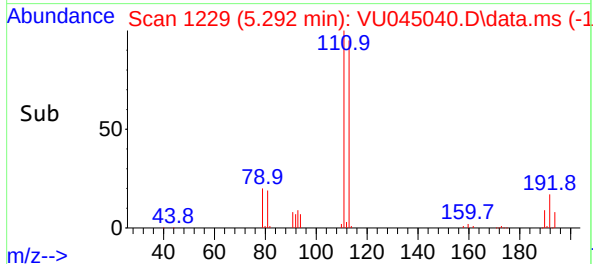
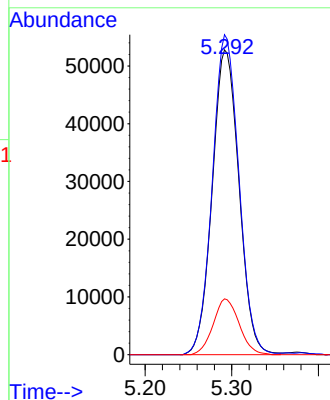
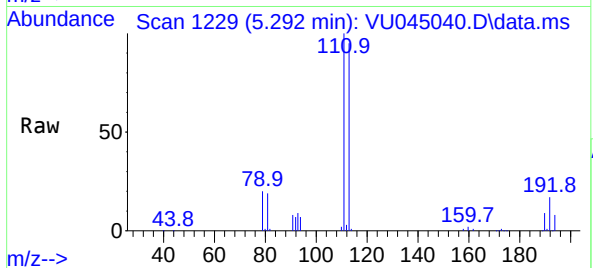




#35
Dibromofluoromethane
Concen: 49.061 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VU045040.D
Acq: 30 Sep 2021 12:34

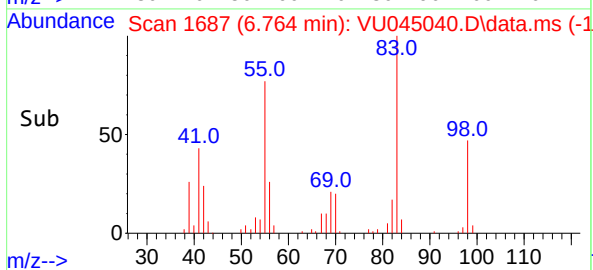
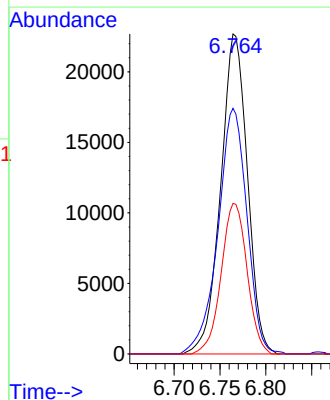
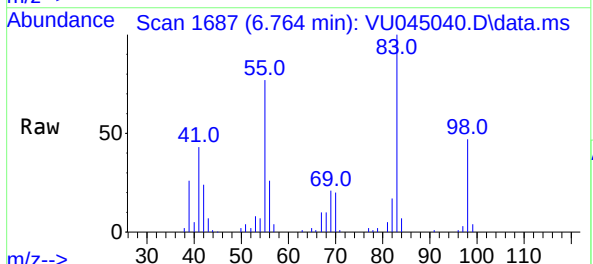
Instrument :
MSVOA_U
ClientSampleId :
MW-3DL

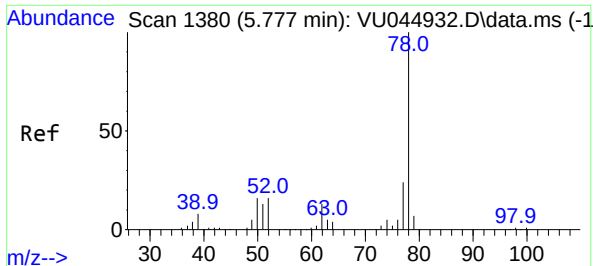
Tgt Ion:113 Resp: 113357
Ion Ratio Lower Upper
113 100
111 103.9 84.1 126.1
192 17.8 14.8 22.2



#39
Methylcyclohexane
Concen: 9.784 ug/l
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU045040.D
Acq: 30 Sep 2021 12:34

Tgt Ion: 83 Resp: 46004
Ion Ratio Lower Upper
83 100
55 76.8 66.2 99.4
98 47.0 37.5 56.3

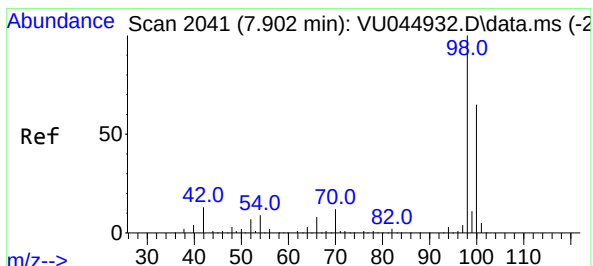
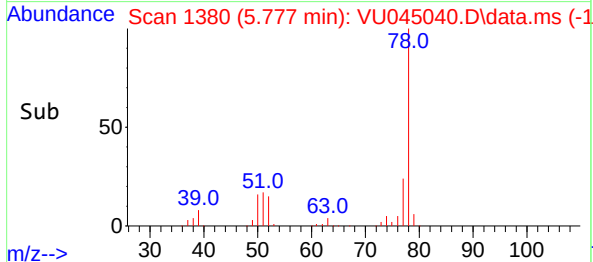
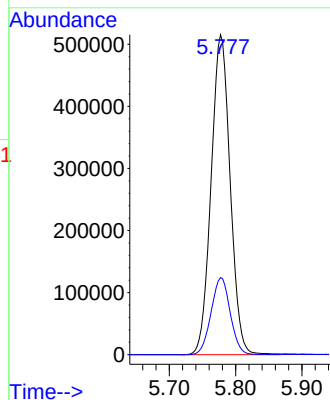
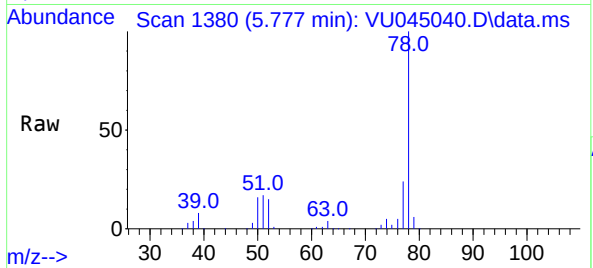




#40
Benzene
Concen: 90.069 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU045040.D
Acq: 30 Sep 2021 12:34

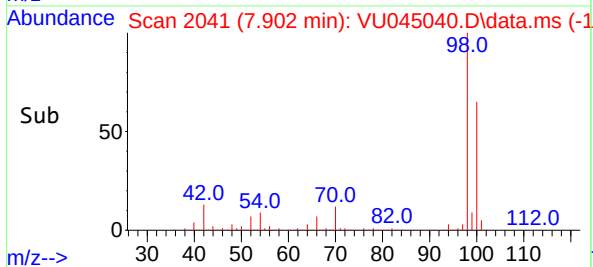
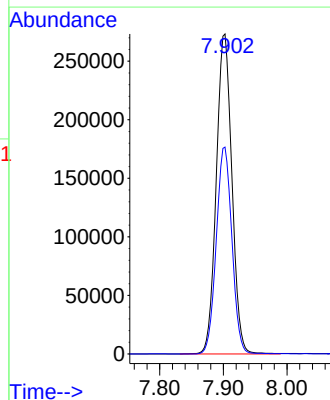
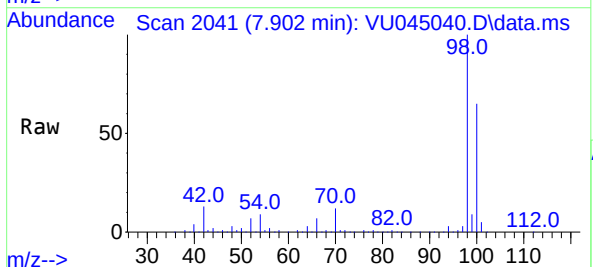
Instrument :
MSVOA_U
ClientSampled :
MW-3DL

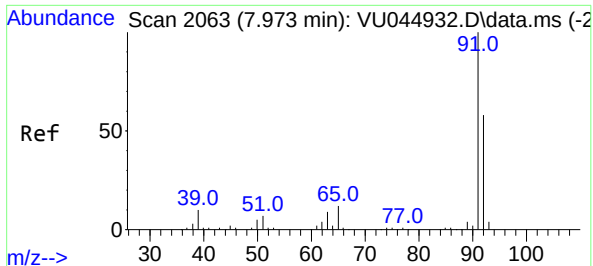
Tgt Ion: 78 Resp: 1027516
Ion Ratio Lower Upper
78 100
77 24.1 19.1 28.7



#50
Toluene-d8
Concen: 51.088 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU045040.D
Acq: 30 Sep 2021 12:34

Tgt Ion: 98 Resp: 466403
Ion Ratio Lower Upper
98 100
100 64.8 52.5 78.7

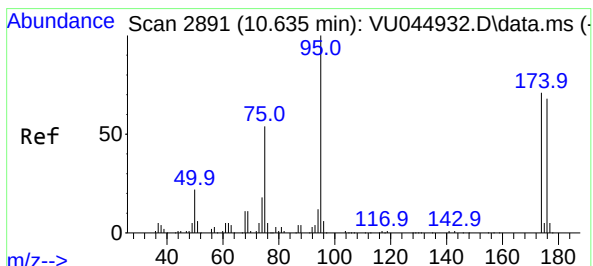
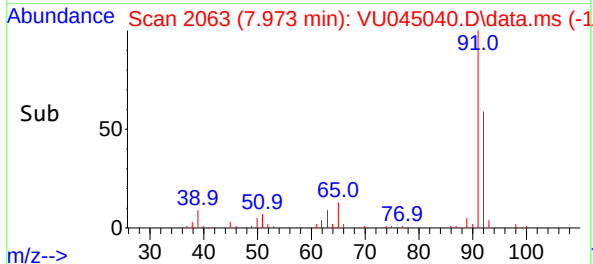
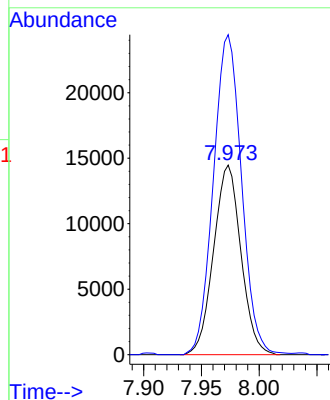
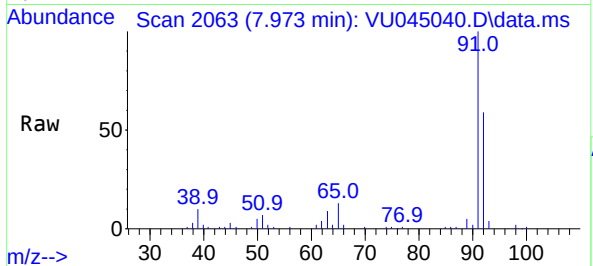




#52
Toluene
Concen: 3.341 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045040.D
Acq: 30 Sep 2021 12:34

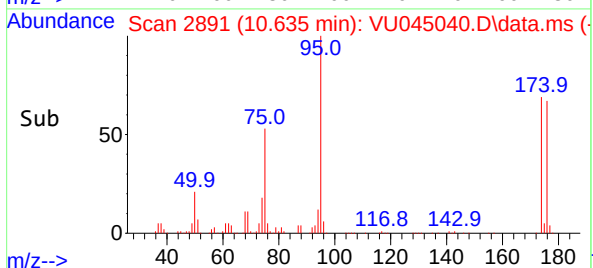
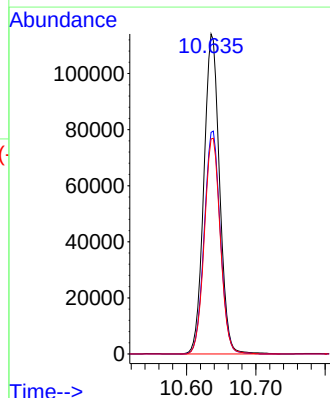
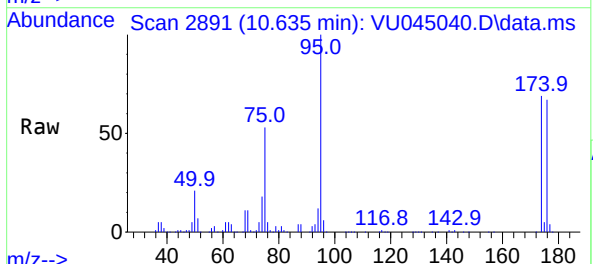
Instrument :
MSVOA_U
ClientSampleId :
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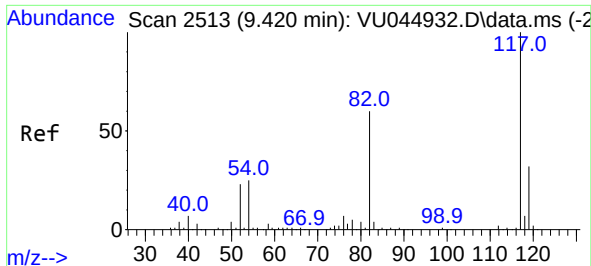
Tgt Ion: 92 Resp: 23855
Ion Ratio Lower Upper
92 100
91 173.5 136.9 205.3



#62
4-Bromofluorobenzene
Concen: 47.585 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU045040.D
Acq: 30 Sep 2021 12:34

Tgt Ion: 95 Resp: 179353
Ion Ratio Lower Upper
95 100
174 71.1 0.0 146.6
176 68.5 0.0 141.2

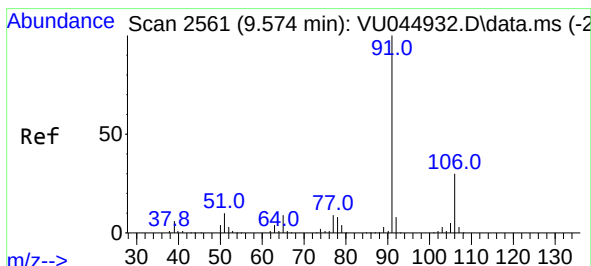
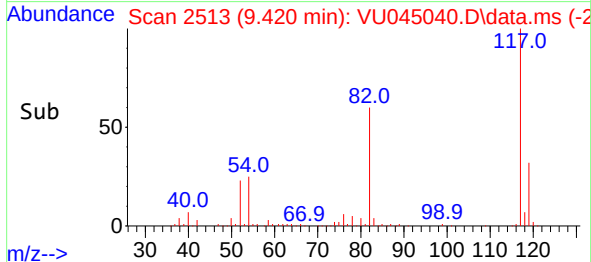
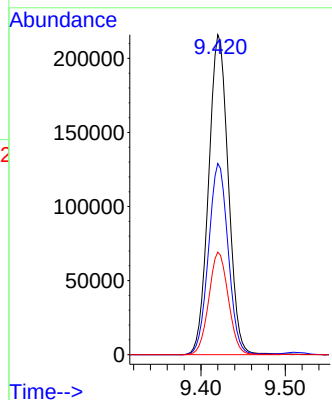
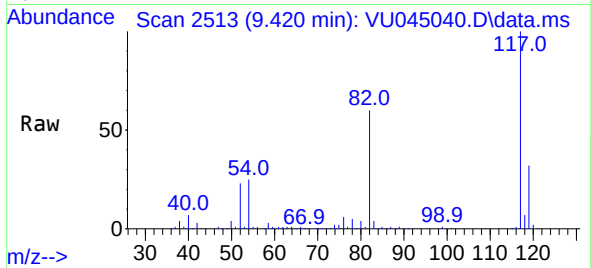




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045040.D
Acq: 30 Sep 2021 12:34

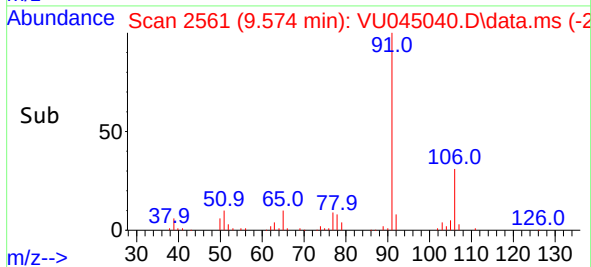
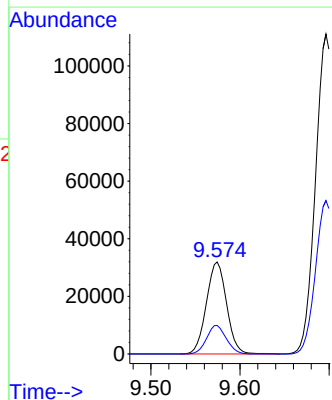
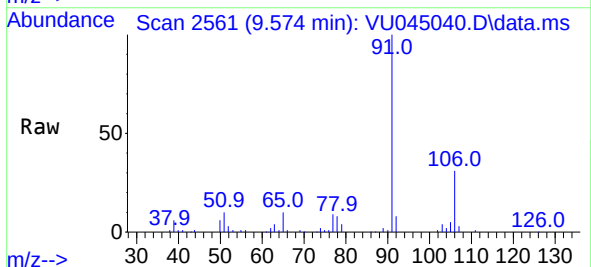
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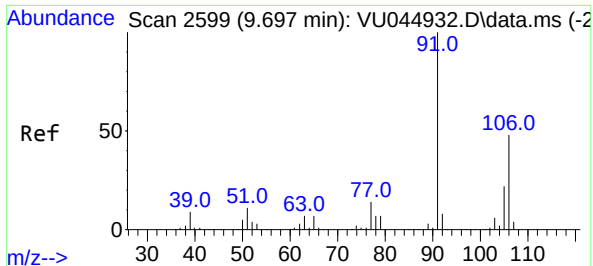
Tgt Ion:117 Resp: 350600
Ion Ratio Lower Upper
117 100
82 59.8 47.8 71.8
119 32.0 25.8 38.6



#67
Ethyl Benzene
Concen: 3.719 ug/l
RT: 9.574 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU045040.D
Acq: 30 Sep 2021 12:34

Tgt Ion: 91 Resp: 50306
Ion Ratio Lower Upper
91 100
106 31.0 24.3 36.5

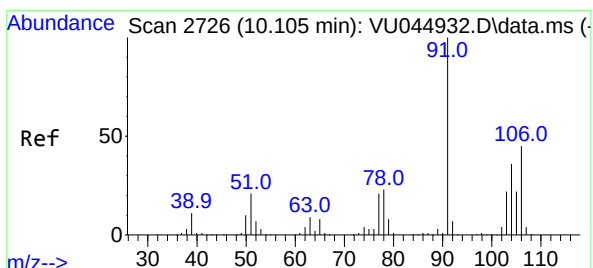
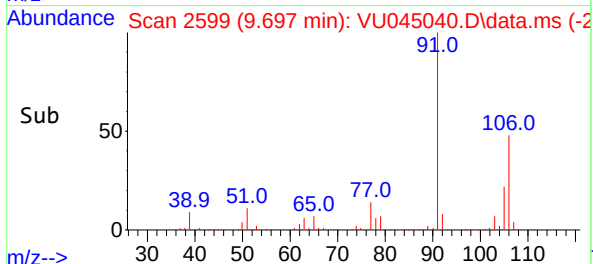
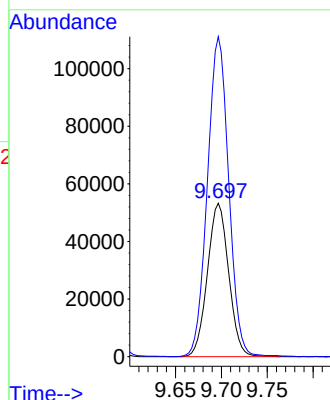
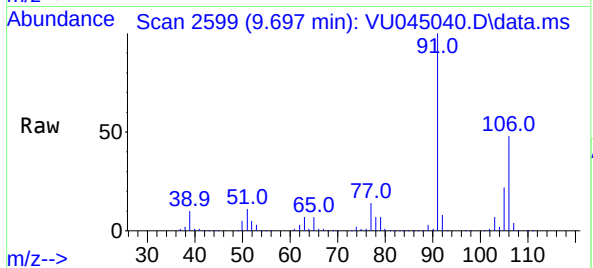




#68
m/p-Xylenes
Concen: 16.329 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU045040.D
Acq: 30 Sep 2021 12:34

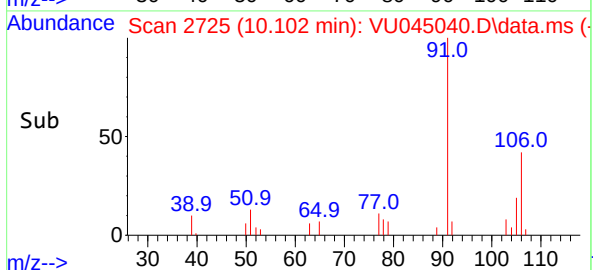
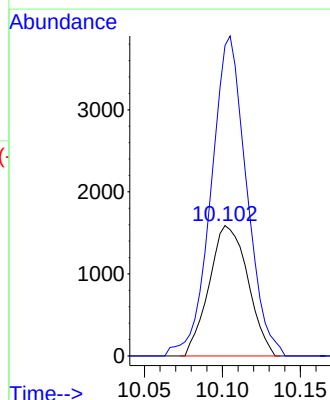
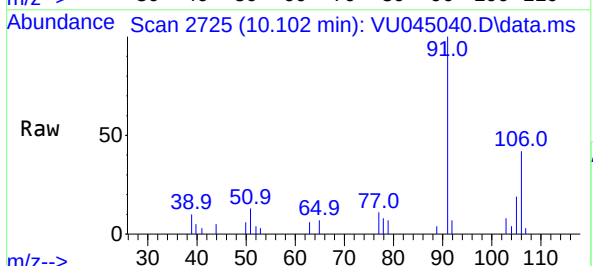
Instrument :
MSVOA_U
ClientSampled :
MW-3DL

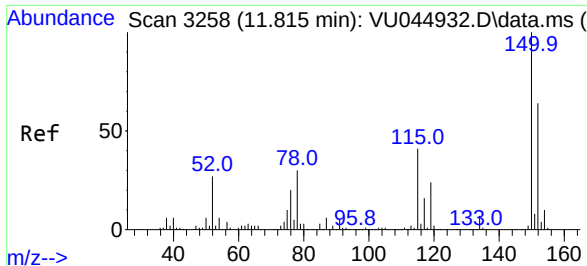
Tgt Ion:106 Resp: 85809
Ion Ratio Lower Upper
106 100
91 208.5 164.2 246.2



#69
o-Xylene
Concen: 0.525 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU045040.D
Acq: 30 Sep 2021 12:34

Tgt Ion:106 Resp: 2737
Ion Ratio Lower Upper
106 100
91 224.9 108.9 326.7

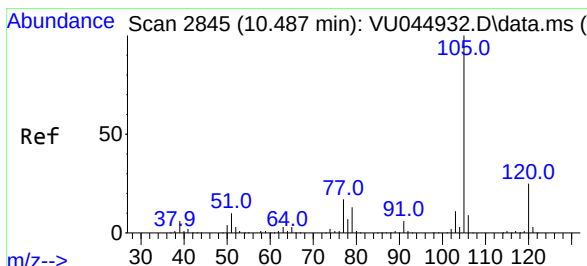
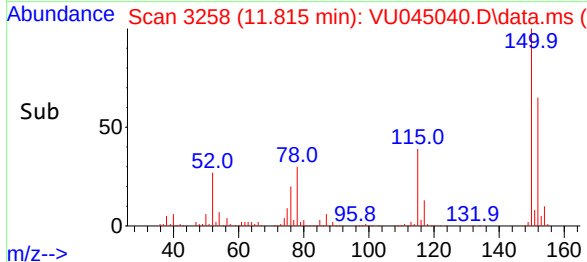
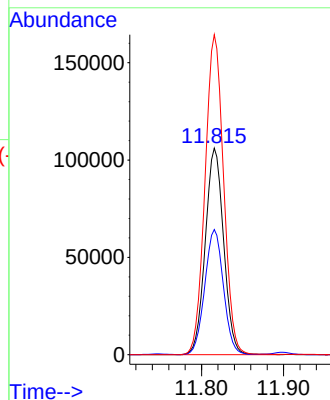
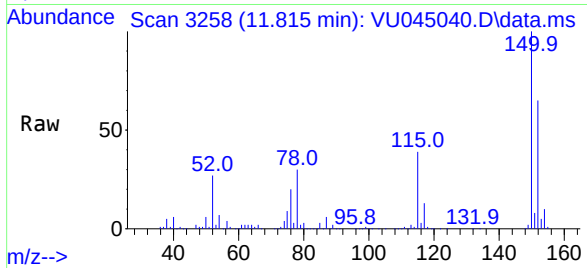




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VU045040.D
Acq: 30 Sep 2021 12:34

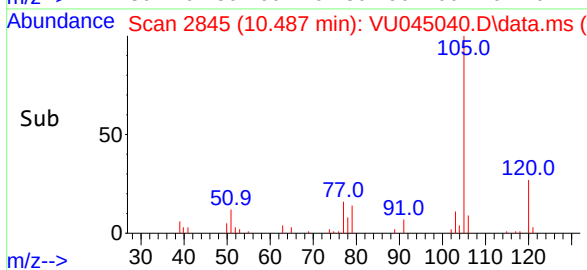
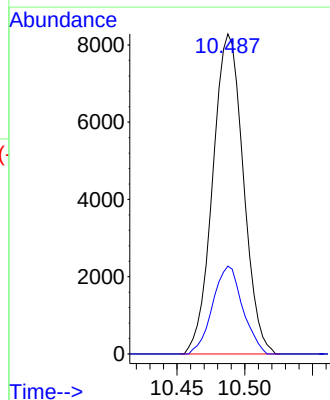
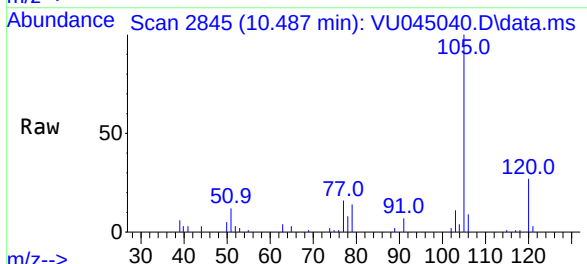
Instrument :
MSVOA_U
ClientSampled :
MW-3DL

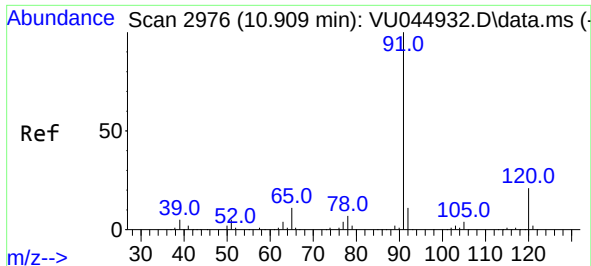
Tgt Ion:152 Resp: 164957
Ion Ratio Lower Upper
152 100
115 61.6 43.5 130.7
150 156.3 0.0 350.0



#73
Isopropylbenzene
Concen: 1.057 ug/l
RT: 10.487 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045040.D
Acq: 30 Sep 2021 12:34

Tgt Ion:105 Resp: 12988
Ion Ratio Lower Upper
105 100
120 26.9 12.8 38.3

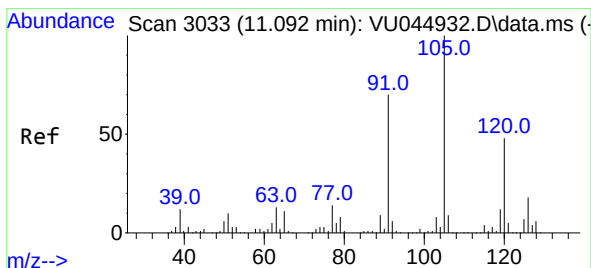
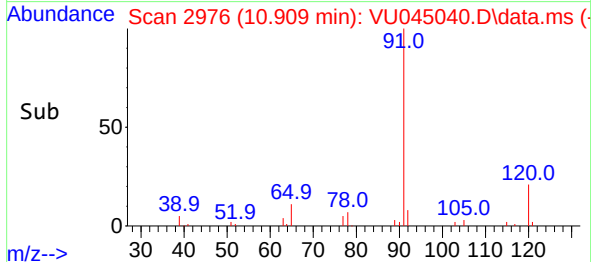
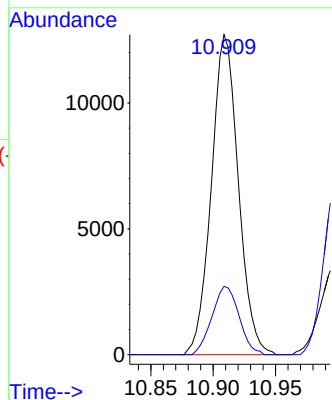
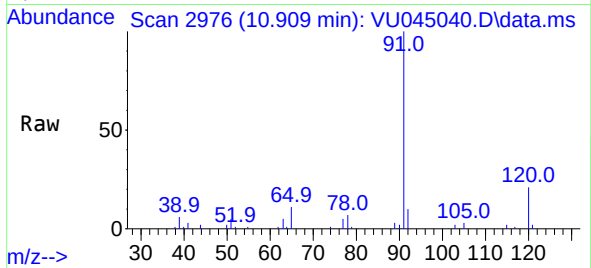




#78
n-propylbenzene
Concen: 1.280 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.000 min
Lab File: VU045040.D
Acq: 30 Sep 2021 12:34

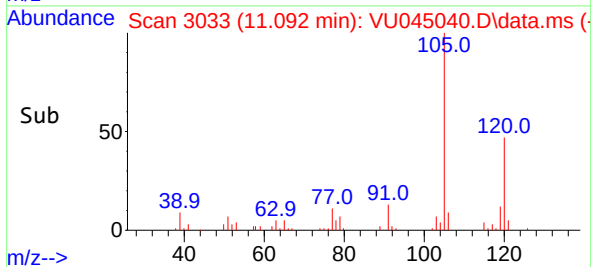
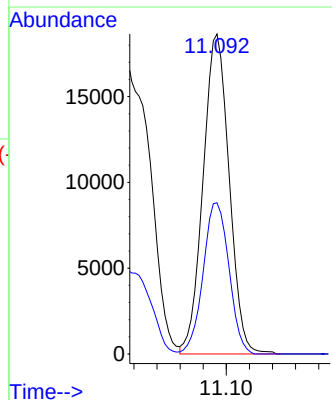
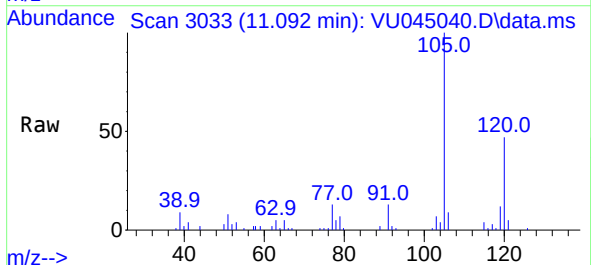
Instrument :
MSVOA_U
ClientSampled :
MW-3DL

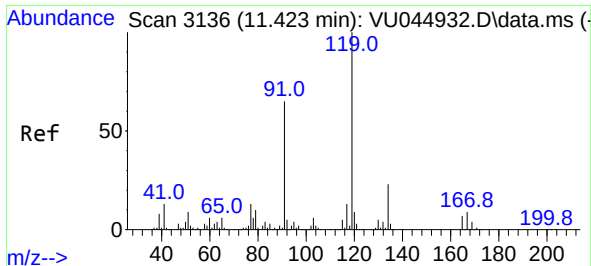
Tgt Ion: 91 Resp: 19160
Ion Ratio Lower Upper
91 100
120 21.5 10.8 32.4



#80
1,3,5-Trimethylbenzene
Concen: 2.715 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU045040.D
Acq: 30 Sep 2021 12:34

Tgt Ion:105 Resp: 29216
Ion Ratio Lower Upper
105 100
120 46.8 24.1 72.2

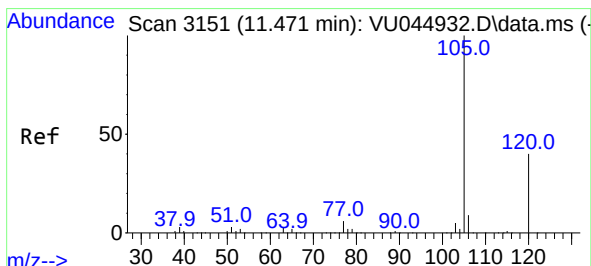
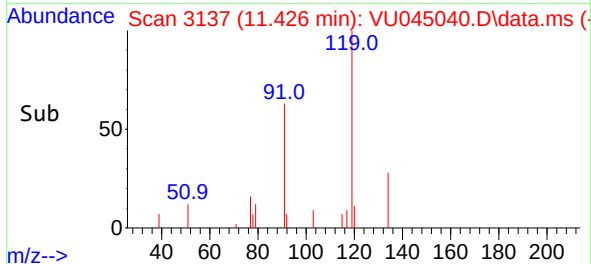
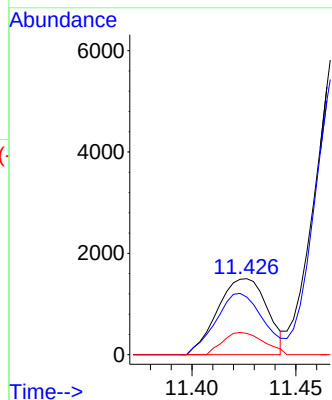
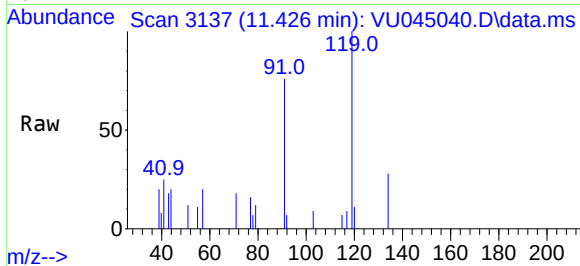




#83
tert-Butylbenzene
Concen: 0.238 ug/l
RT: 11.426 min Scan# 3137
Delta R.T. 0.003 min
Lab File: VU045040.D
Acq: 30 Sep 2021 12:34

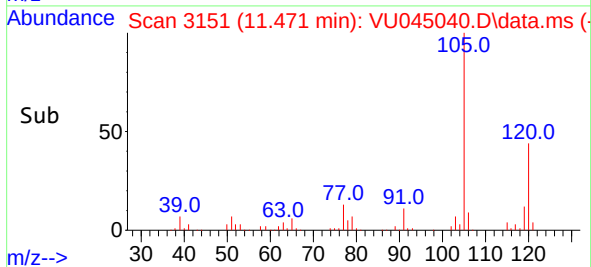
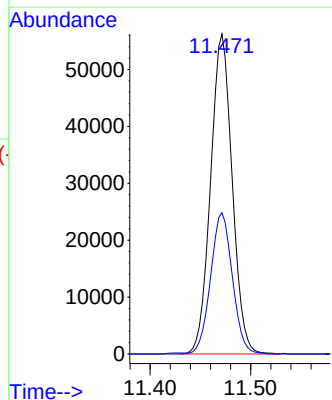
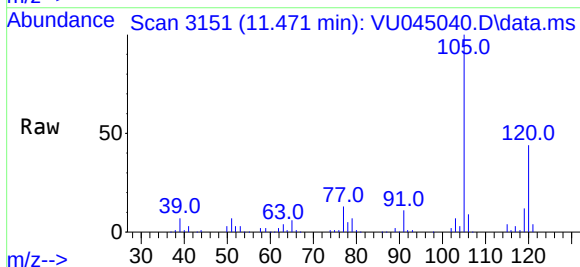
Instrument :
MSVOA_U
ClientSampleId :
MW-3DL

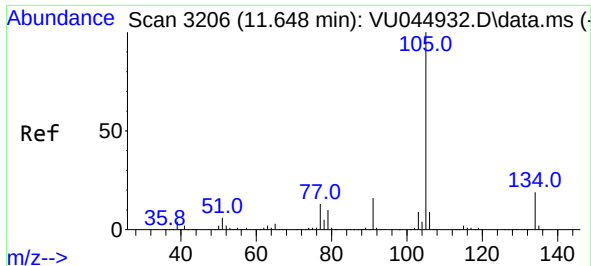
Tgt Ion:	119	Resp:	2496
Ion	Ratio	Lower	Upper
119	100		
91	78.8	30.4	91.2
134	24.1	11.5	34.5



#84
1,2,4-Trimethylbenzene
Concen: 7.880 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU045040.D
Acq: 30 Sep 2021 12:34

Tgt Ion:	105	Resp:	83893
Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.4	67.3

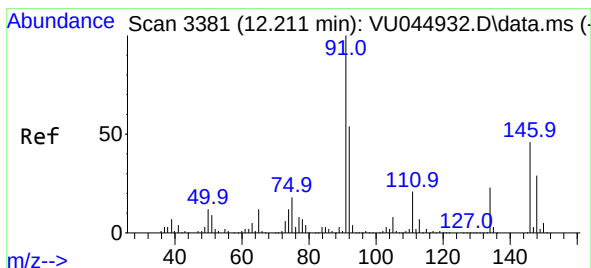
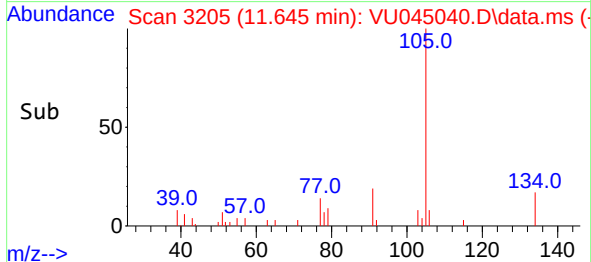
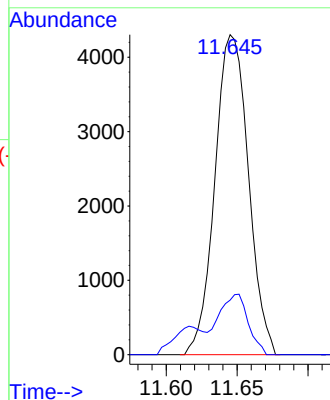
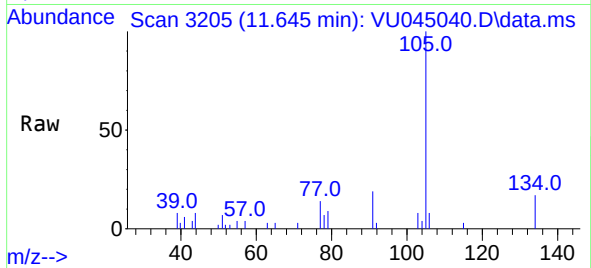




#85
sec-Butylbenzene
Concen: 0.526 ug/l
RT: 11.645 min Scan# 3205
Delta R.T. -0.003 min
Lab File: VU045040.D
Acq: 30 Sep 2021 12:34

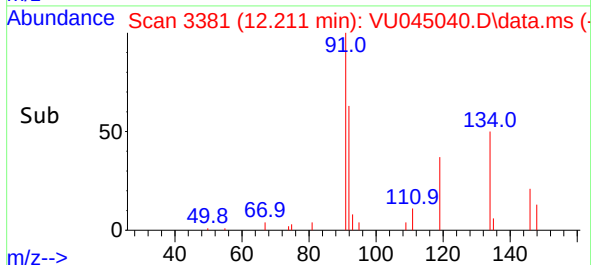
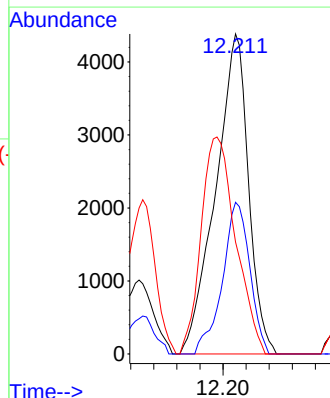
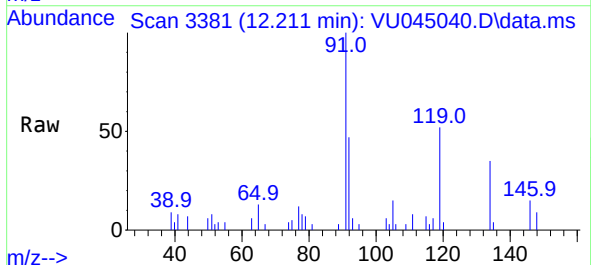
Instrument :
MSVOA_U
ClientSampled :
MW-3DL

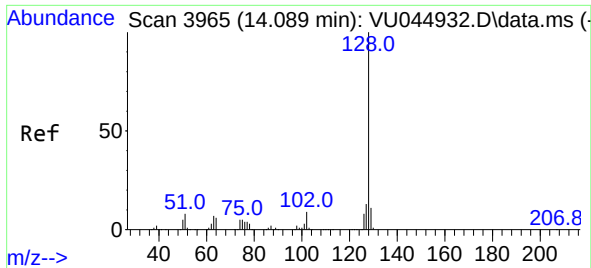
Tgt Ion:105 Resp: 7089
Ion Ratio Lower Upper
105 100
134 16.5 9.3 28.0



#89
n-Butylbenzene
Concen: 0.866 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU045040.D
Acq: 30 Sep 2021 12:34

Tgt Ion: 91 Resp: 8644
Ion Ratio Lower Upper
91 100
92 39.5 26.8 80.4
134 71.4 11.8 35.4#





#95
Naphthalene
Concen: 2.710 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU045040.D
Acq: 30 Sep 2021 12:34

Instrument :
MSVOA_U
ClientSampleId :
MW-3DL

Tgt Ion:128 Resp: 32990
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.1 8.6 13.0

