

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041321\
 Data File : VU043046.D
 Acq On : 13 Apr 2021 13:09
 Operator : SY/MD
 Sample : M1952-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 41738

Quant Time: Apr 13 14:30:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 12 13:17:29 2021
 Response via : Initial Calibration

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

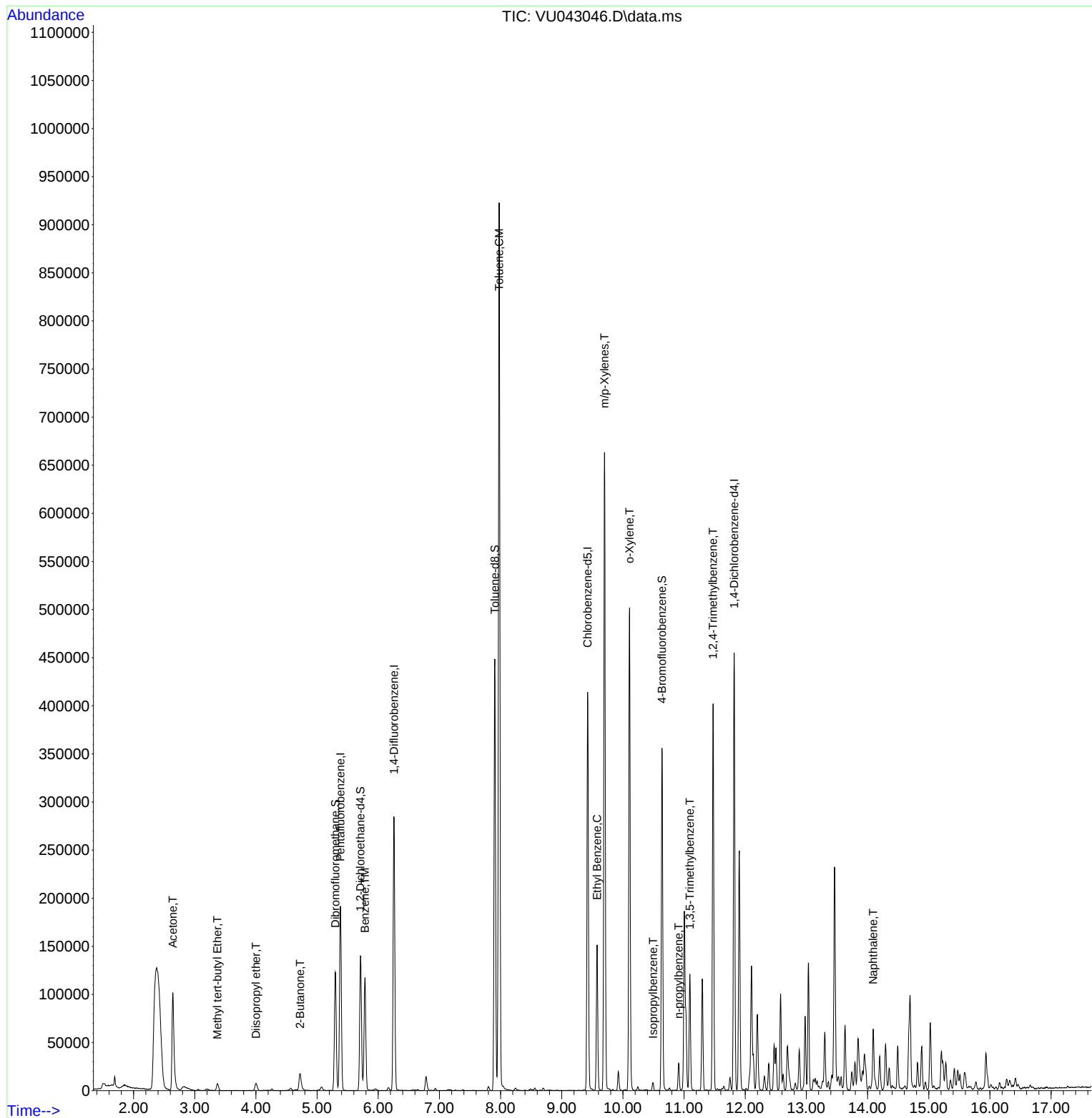
Internal Standards						
1) Pentafluorobenzene	5.382	168	129615	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.259	114	215070	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	207525	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	107386	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	109090	50.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.14%	
35) Dibromofluoromethane	5.298	113	75758	46.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.76%	
50) Toluene-d8	7.906	98	271849	47.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.08%	
62) 4-Bromofluorobenzene	10.639	95	104887	45.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.60%	
Target Compounds					Qvalue	
16) Acetone	2.642	43	151260	117.80	ug/l	98
19) Methyl tert-butyl Ether	3.369	73	7126	1.49	ug/l	93
22) Diisopropyl ether	4.002	45	8379	1.49	ug/l #	67
25) 2-Butanone	4.723	43	31739	16.03	ug/l	97
40) Benzene	5.784	78	97263	14.92	ug/l	95
52) Toluene	7.976	92	352273	87.16	ug/l	98
67) Ethyl Benzene	9.578	91	98623	12.28	ug/l	100
68) m/p-Xylenes	9.700	106	172296	57.98	ug/l	99
69) o-Xylene	10.108	106	122598	42.27	ug/l	98
73) Isopropylbenzene	10.494	105	5260	0.73	ug/l	97
78) n-propylbenzene	10.912	91	20324	2.36	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	61751	9.71	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	209741	32.08	ug/l	99
95) Naphthalene	14.092	128	47881	8.57	ug/l	97

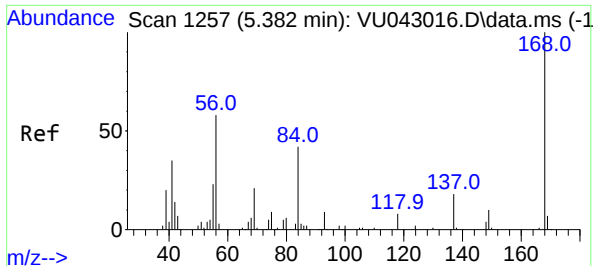
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041321\
Data File : VU043046.D
Acq On : 13 Apr 2021 13:09
Operator : SY/MD
Sample : M1952-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
41738

Quant Time: Apr 13 14:30:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
Quant Title : SW846 8260
QLast Update : Mon Apr 12 13:17:29 2021
Response via : Initial Calibration

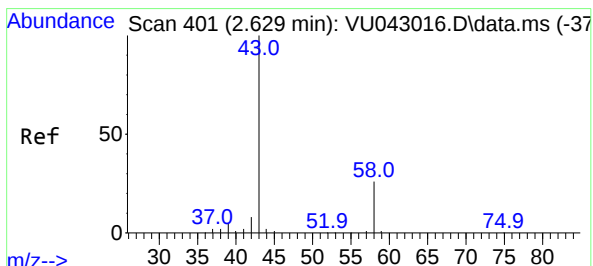
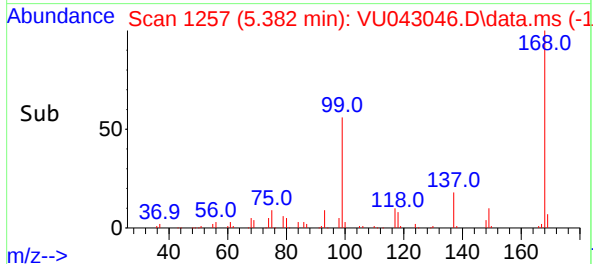
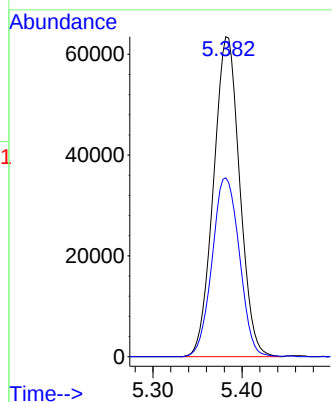
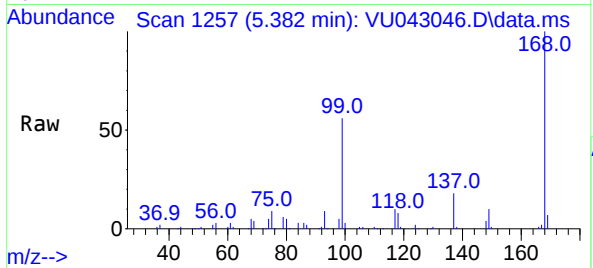




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043046.D
Acq: 13 Apr 2021 13:09

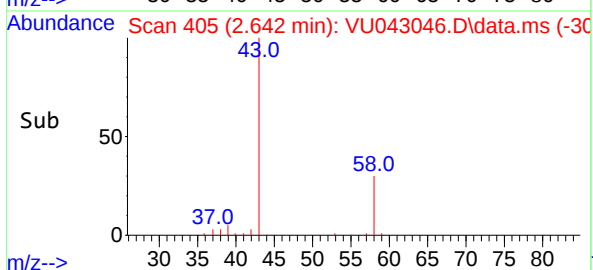
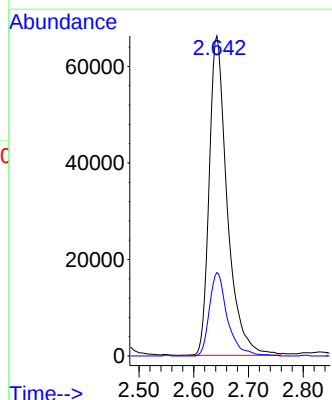
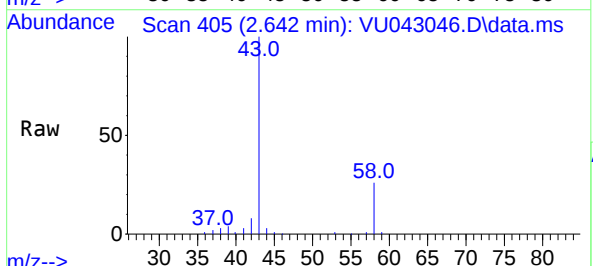
Instrument :
MSVOA_U
ClientSampleId :
41738

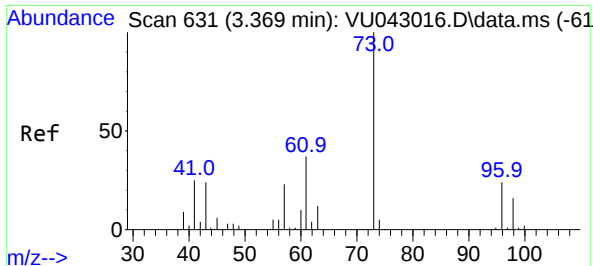
Tgt Ion:168 Resp: 129615
Ion Ratio Lower Upper
168 100
99 55.9 45.0 67.4



#16
Acetone
Concen: 117.80 ug/l
RT: 2.642 min Scan# 405
Delta R.T. 0.013 min
Lab File: VU043046.D
Acq: 13 Apr 2021 13:09

Tgt Ion: 43 Resp: 151260
Ion Ratio Lower Upper
43 100
58 26.1 21.5 32.3



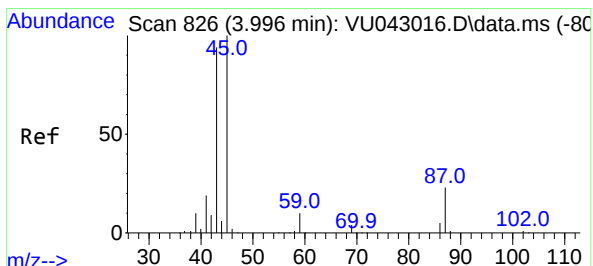
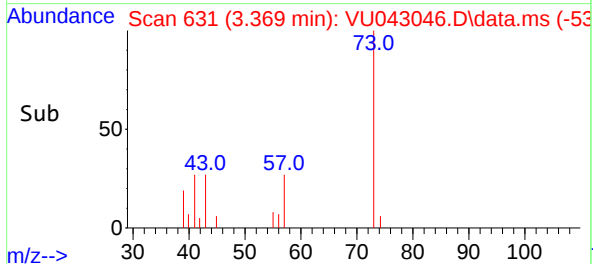
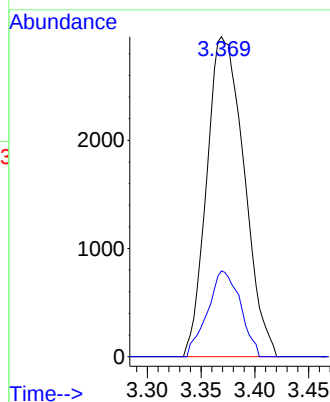
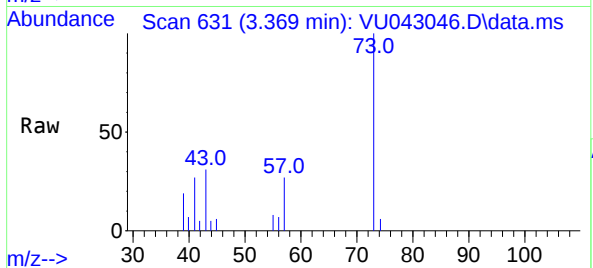


#19

Methyl tert-butyl Ether
Concen: 1.49 ug/l
RT: 3.369 min Scan# 631
Delta R.T. -0.000 min
Lab File: VU043046.D
Acq: 13 Apr 2021 13:09

Instrument :
MSVOA_U
ClientSampleId :
41738

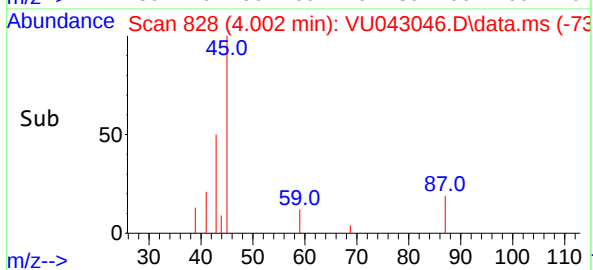
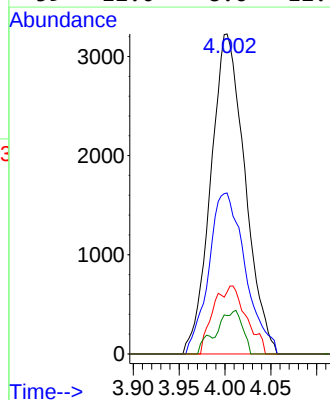
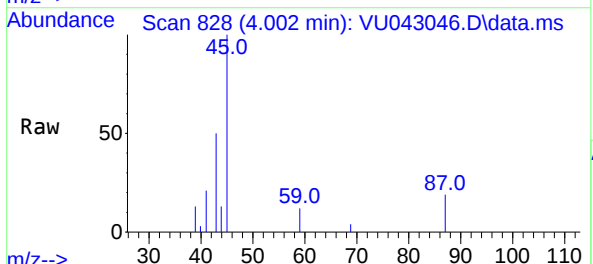
Tgt Ion: 73 Resp: 7126
Ion Ratio Lower Upper
73 100
57 26.8 18.8 28.2

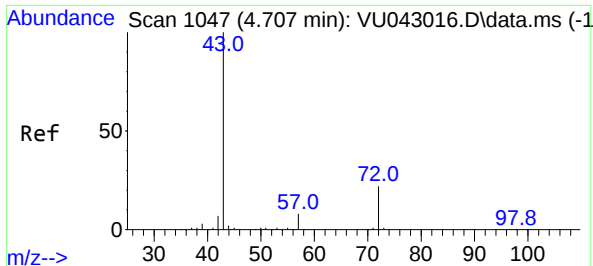


#22

Diisopropyl ether
Concen: 1.49 ug/l
RT: 4.002 min Scan# 828
Delta R.T. 0.006 min
Lab File: VU043046.D
Acq: 13 Apr 2021 13:09

Tgt Ion: 45 Resp: 8379
Ion Ratio Lower Upper
45 100
43 50.3 73.0 109.6#
87 19.3 19.5 29.3#
59 12.0 8.6 12.8

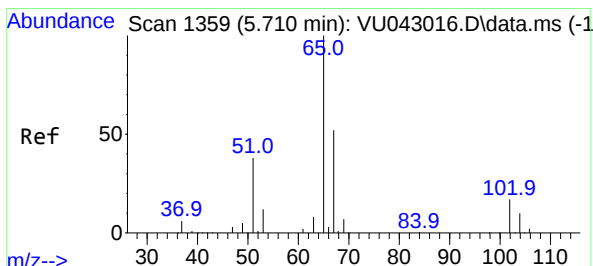
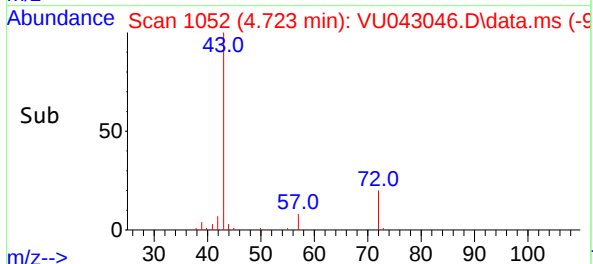
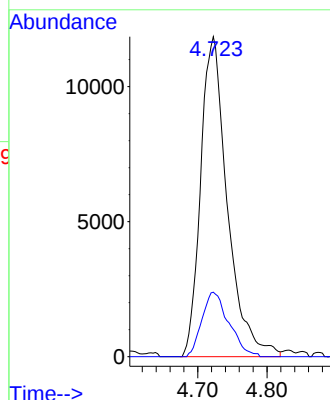
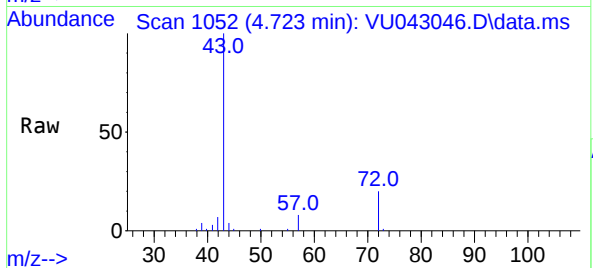




#25
2-Butanone
Concen: 16.03 ug/l
RT: 4.723 min Scan# 1052
Delta R.T. 0.016 min
Lab File: VU043046.D
Acq: 13 Apr 2021 13:09

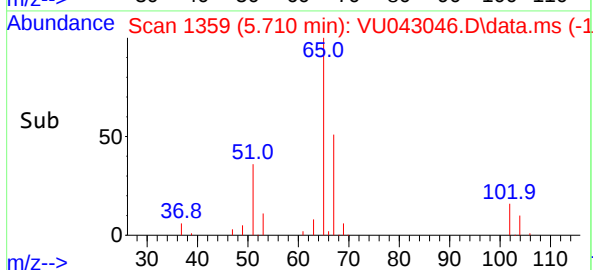
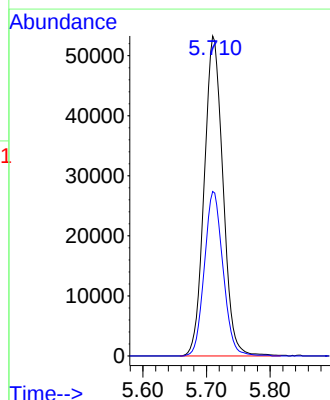
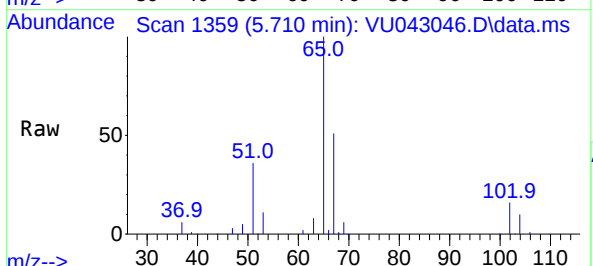
Instrument :
MSVOA_U
ClientSampled :
41738

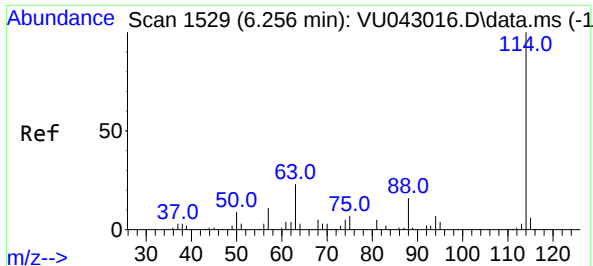
Tgt Ion: 43 Resp: 31739
Ion Ratio Lower Upper
43 100
72 20.1 17.4 26.0



#33
1,2-Dichloroethane-d4
Concen: 50.07 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043046.D
Acq: 13 Apr 2021 13:09

Tgt Ion: 65 Resp: 109090
Ion Ratio Lower Upper
65 100
67 51.0 0.0 99.8

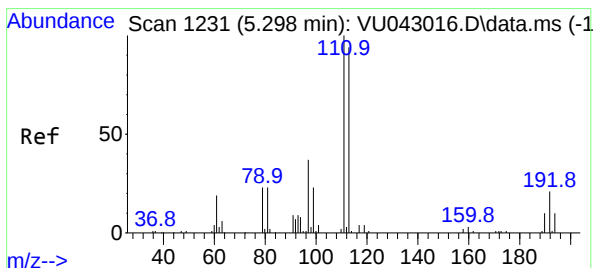
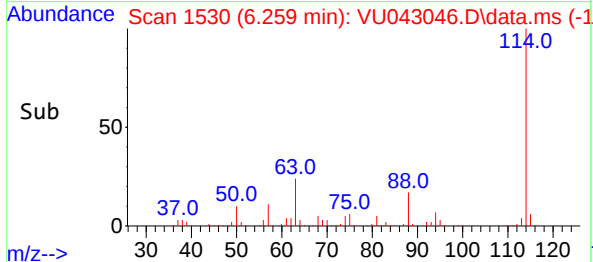
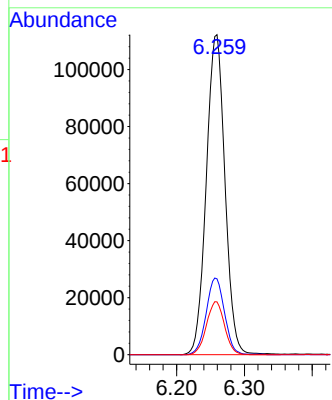
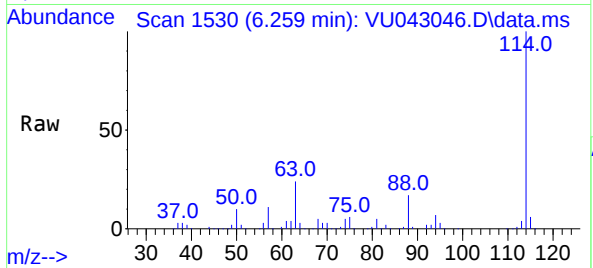




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.259 min Scan# 1530
Delta R.T. 0.003 min
Lab File: VU043046.D
Acq: 13 Apr 2021 13:09

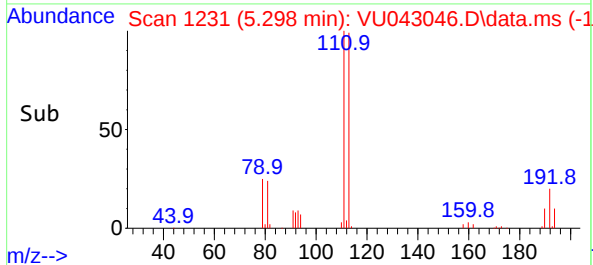
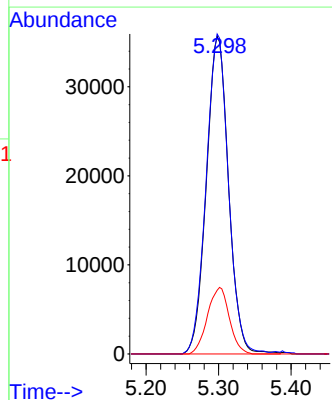
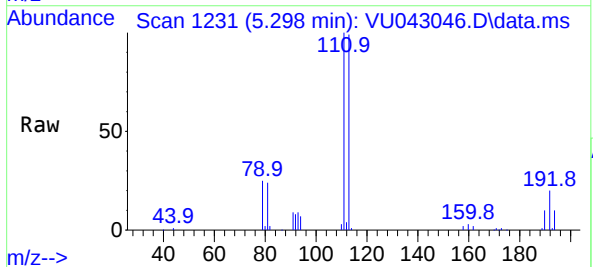
Instrument :
MSVOA_U
ClientSampled :
41738

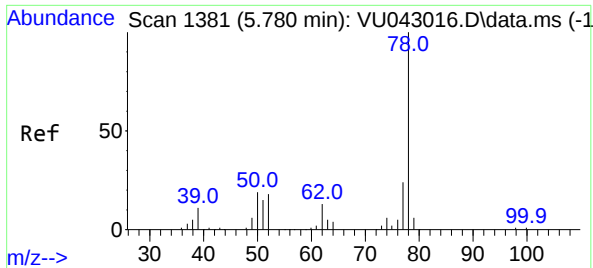
Tgt Ion:114 Resp: 215070
Ion Ratio Lower Upper
114 100
63 23.7 0.0 44.2
88 16.5 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.88 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043046.D
Acq: 13 Apr 2021 13:09

Tgt Ion:113 Resp: 75758
Ion Ratio Lower Upper
113 100
111 101.1 81.8 122.8
192 20.7 17.2 25.8

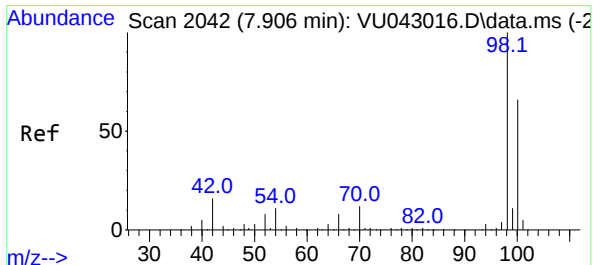
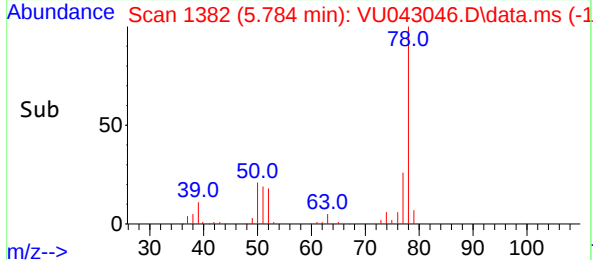
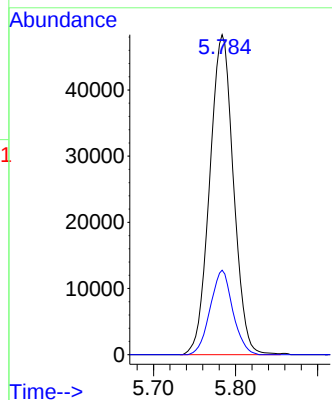
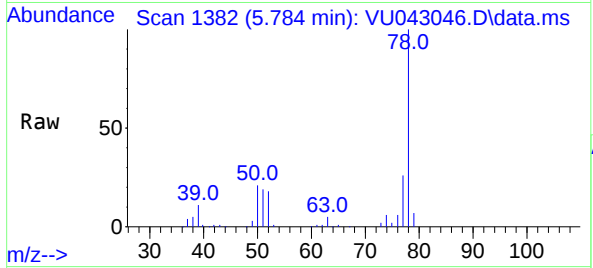




#40
Benzene
Concen: 14.92 ug/l
RT: 5.784 min Scan# 1382
Delta R.T. 0.004 min
Lab File: VU043046.D
Acq: 13 Apr 2021 13:09

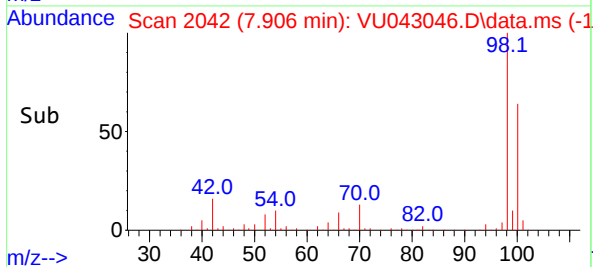
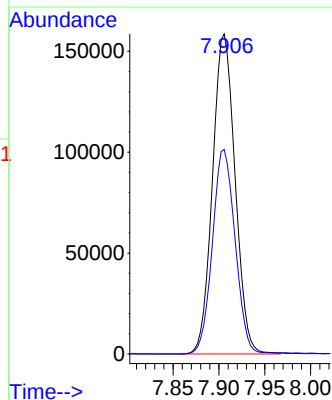
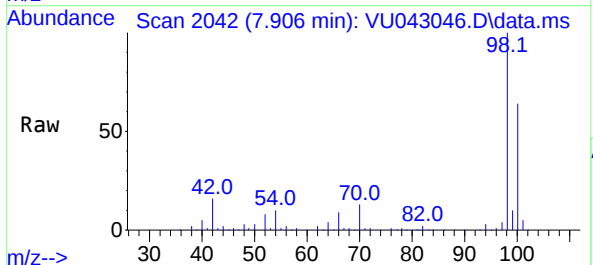
Instrument :
MSVOA_U
ClientSampled :
41738

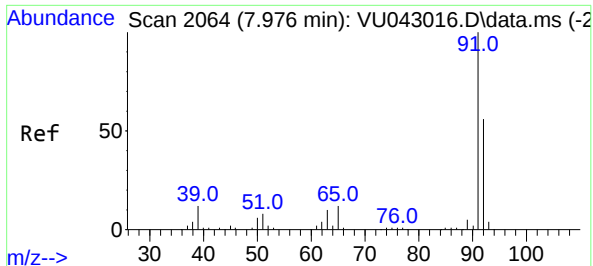
Tgt Ion: 78 Resp: 97263
Ion Ratio Lower Upper
78 100
77 26.4 19.3 28.9



#50
Toluene-d8
Concen: 47.54 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043046.D
Acq: 13 Apr 2021 13:09

Tgt Ion: 98 Resp: 271849
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2





#52

Toluene

Concen: 87.16 ug/l

RT: 7.976 min Scan# 2064

Delta R.T. 0.000 min

Lab File: VU043046.D

Acq: 13 Apr 2021 13:09

Tgt Ion: 92 Resp: 352273

Ion Ratio Lower Upper

92 100

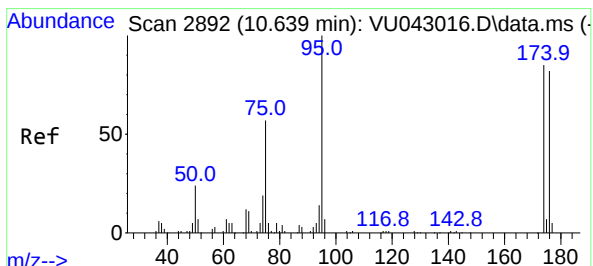
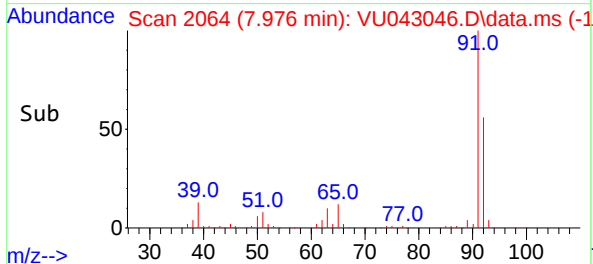
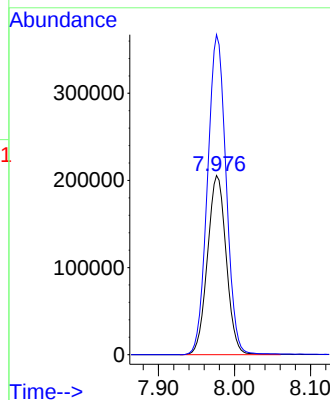
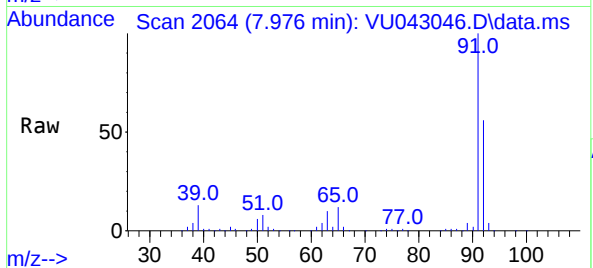
91 177.7 140.3 210.5

Instrument :

MSVOA_U

ClientSampleId :

41738



#62

4-Bromofluorobenzene

Concen: 45.80 ug/l

RT: 10.639 min Scan# 2892

Delta R.T. -0.000 min

Lab File: VU043046.D

Acq: 13 Apr 2021 13:09

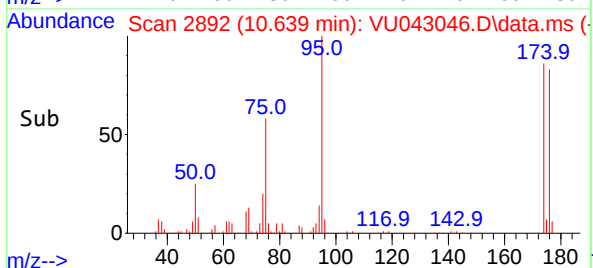
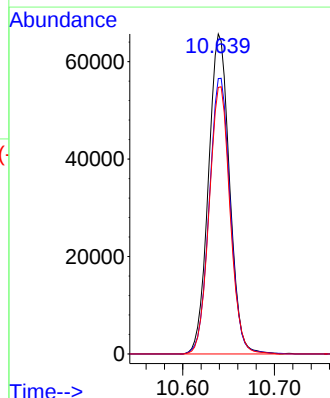
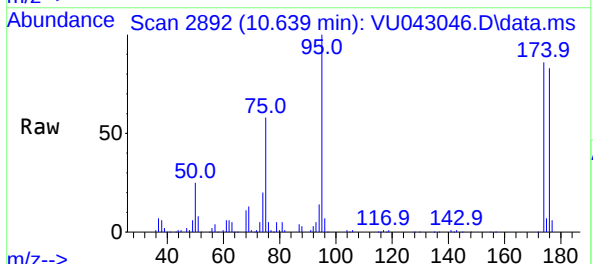
Tgt Ion: 95 Resp: 104887

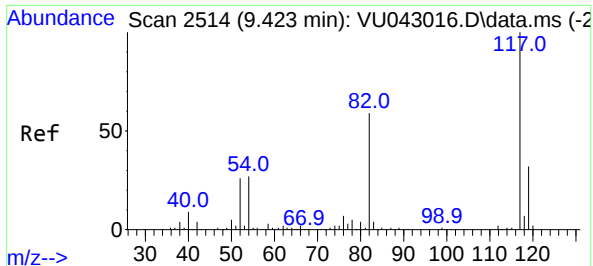
Ion Ratio Lower Upper

95 100

174 85.9 0.0 172.2

176 82.7 0.0 168.8

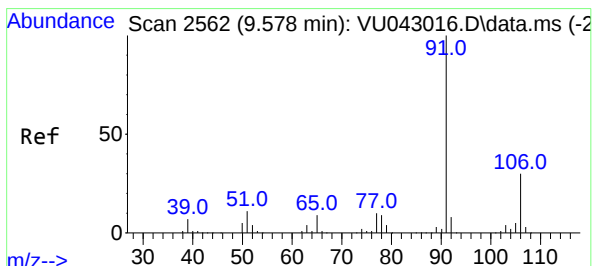
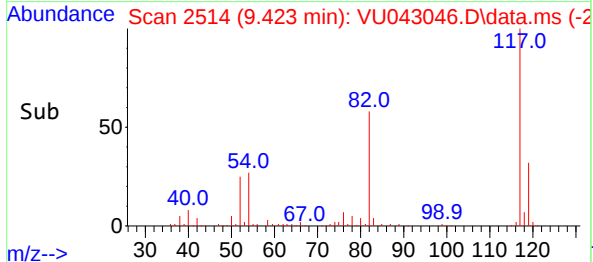
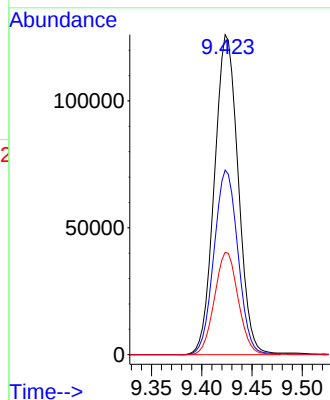
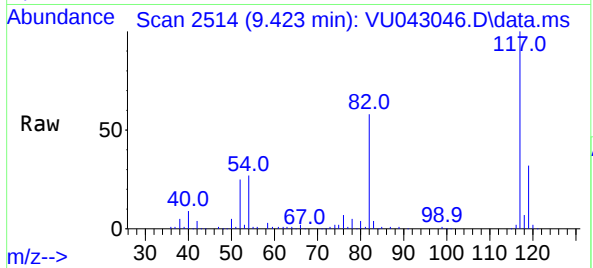




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043046.D
Acq: 13 Apr 2021 13:09

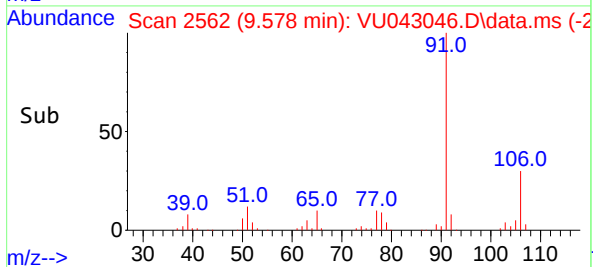
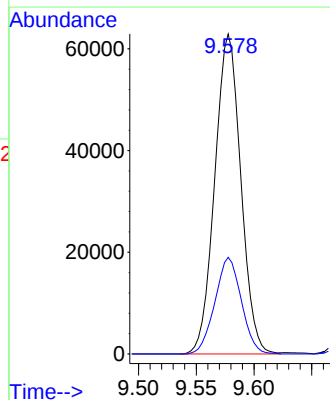
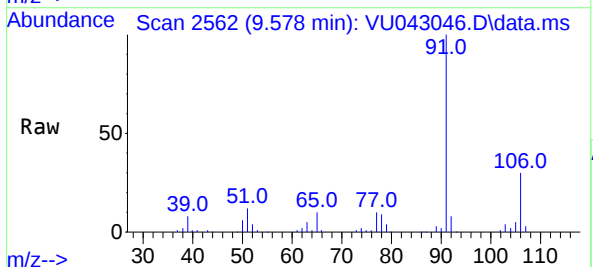
Instrument :
MSVOA_U
ClientSampled :
41738

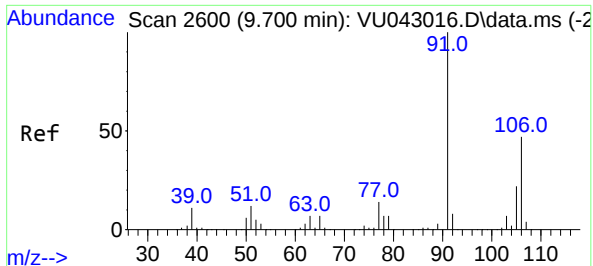
Tgt Ion:117 Resp: 207525
Ion Ratio Lower Upper
117 100
82 57.7 45.8 68.6
119 32.0 25.8 38.8



#67
Ethyl Benzene
Concen: 12.28 ug/l
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU043046.D
Acq: 13 Apr 2021 13:09

Tgt Ion: 91 Resp: 98623
Ion Ratio Lower Upper
91 100
106 30.2 24.1 36.1

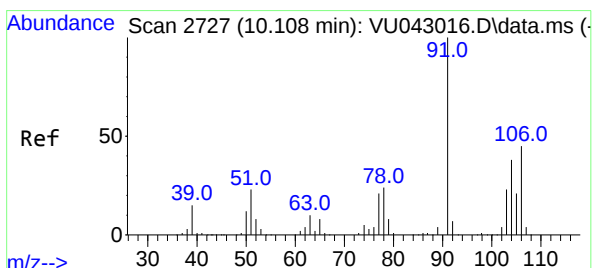
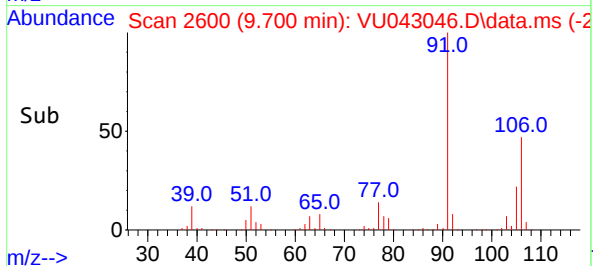
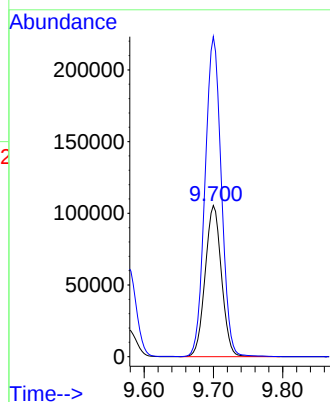
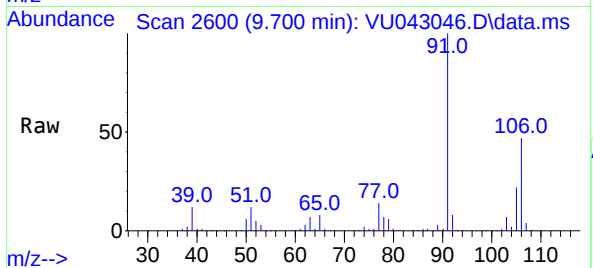




#68
m/p-Xylenes
Concen: 57.98 ug/l
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU043046.D
Acq: 13 Apr 2021 13:09

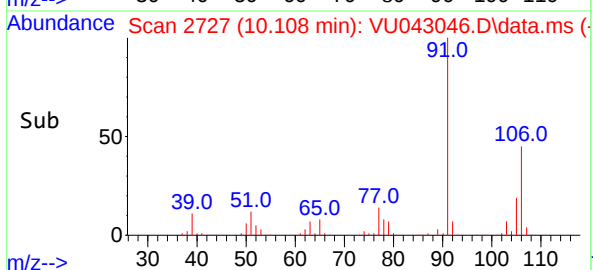
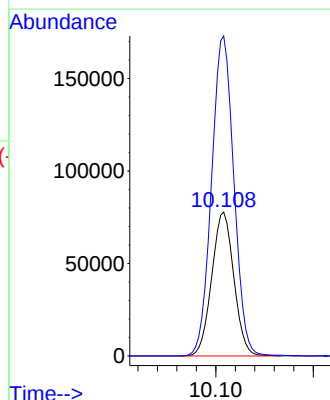
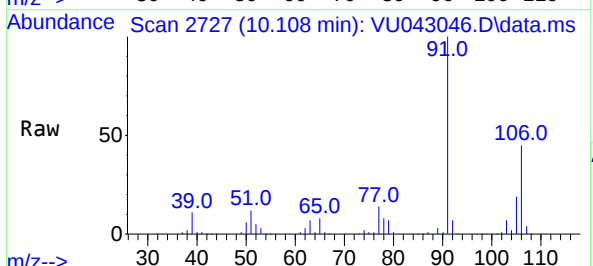
Instrument :
MSVOA_U
ClientSampled :
41738

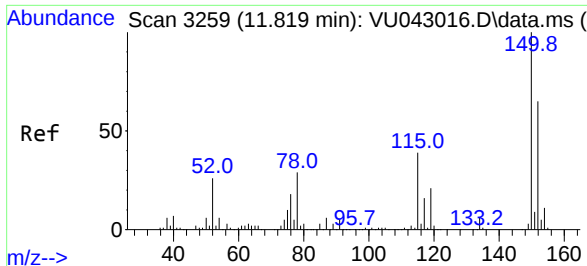
Tgt Ion:106 Resp: 172296
Ion Ratio Lower Upper
106 100
91 211.3 169.9 254.9



#69
o-Xylene
Concen: 42.27 ug/l
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU043046.D
Acq: 13 Apr 2021 13:09

Tgt Ion:106 Resp: 122598
Ion Ratio Lower Upper
106 100
91 225.0 111.2 333.6

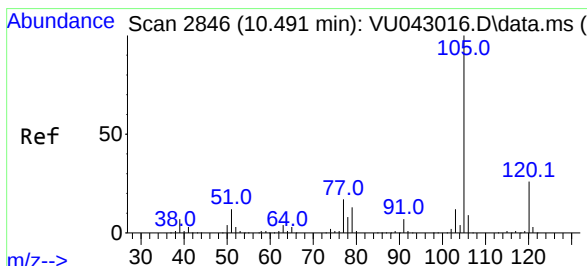
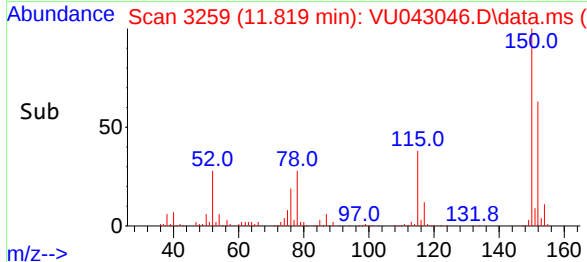
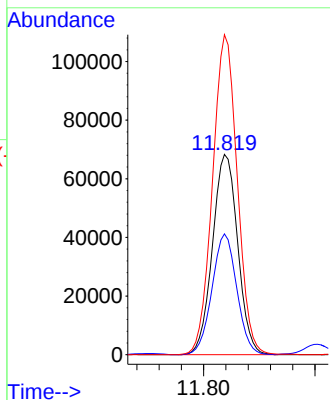
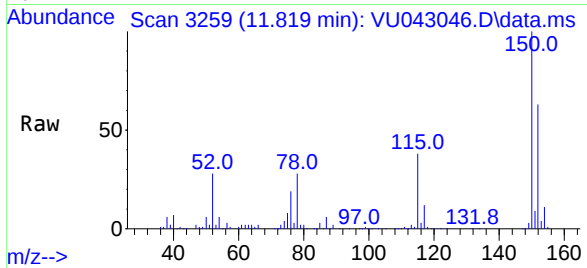




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043046.D
Acq: 13 Apr 2021 13:09

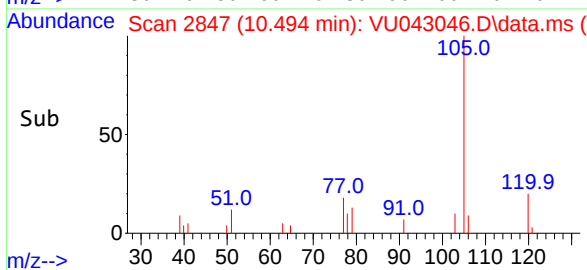
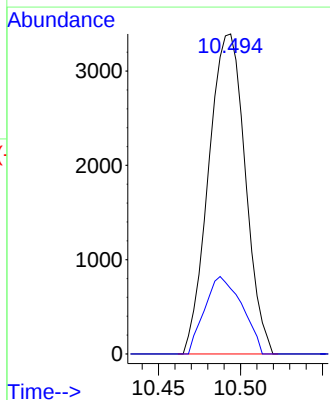
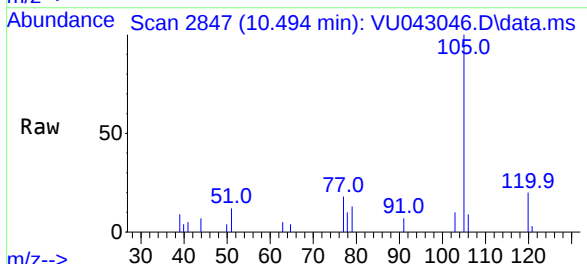
Instrument :
MSVOA_U
ClientSampled :
41738

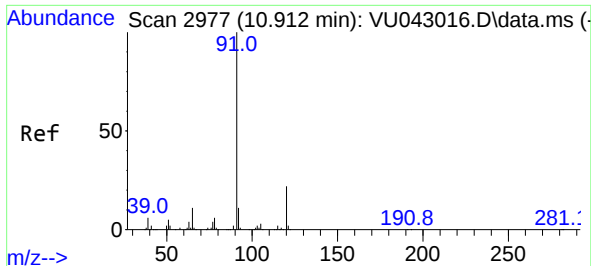
Tgt Ion:152 Resp: 107386
Ion Ratio Lower Upper
152 100
115 59.4 41.5 124.6
150 157.0 0.0 342.4



#73
Isopropylbenzene
Concen: 0.73 ug/l
RT: 10.494 min Scan# 2847
Delta R.T. 0.003 min
Lab File: VU043046.D
Acq: 13 Apr 2021 13:09

Tgt Ion:105 Resp: 5260
Ion Ratio Lower Upper
105 100
120 24.6 13.1 39.3

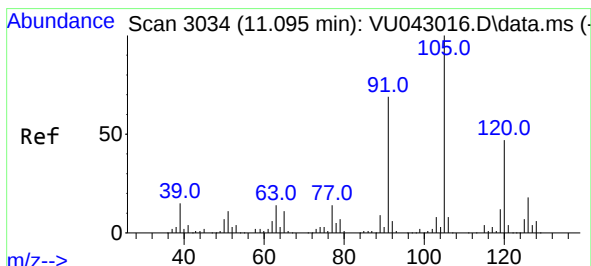
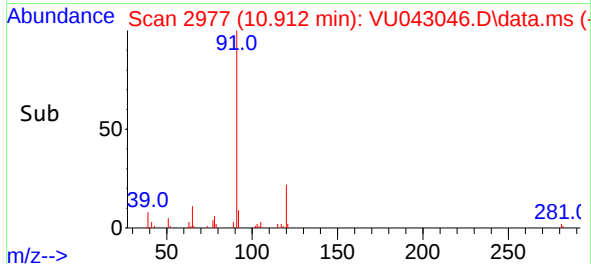
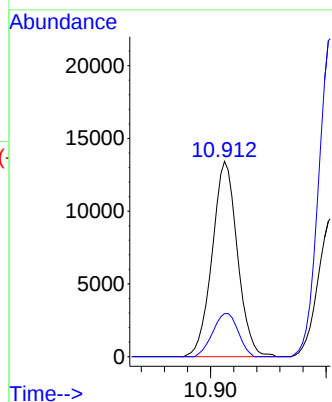
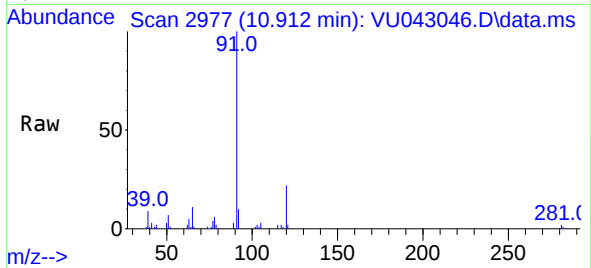




#78
n-propylbenzene
Concen: 2.36 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. -0.000 min
Lab File: VU043046.D
Acq: 13 Apr 2021 13:09

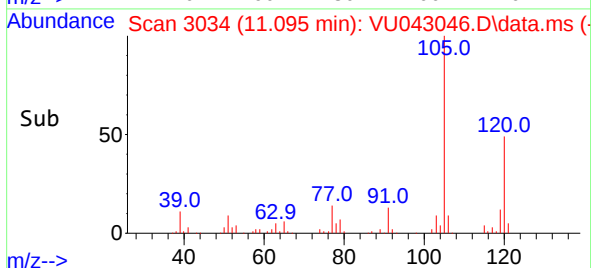
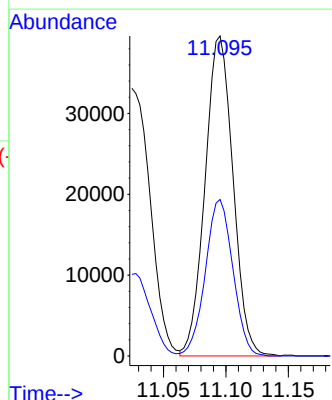
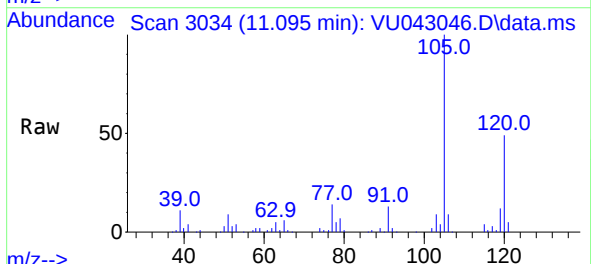
Instrument :
MSVOA_U
ClientSampled :
41738

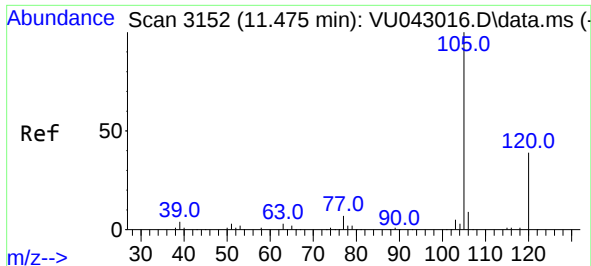
Tgt Ion: 91 Resp: 20324
Ion Ratio Lower Upper
91 100
120 22.2 11.2 33.6



#80
1,3,5-Trimethylbenzene
Concen: 9.71 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU043046.D
Acq: 13 Apr 2021 13:09

Tgt Ion: 105 Resp: 61751
Ion Ratio Lower Upper
105 100
120 48.2 23.8 71.4

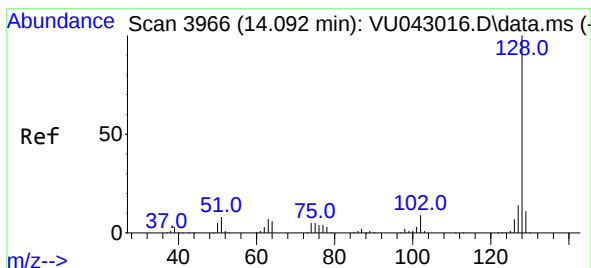
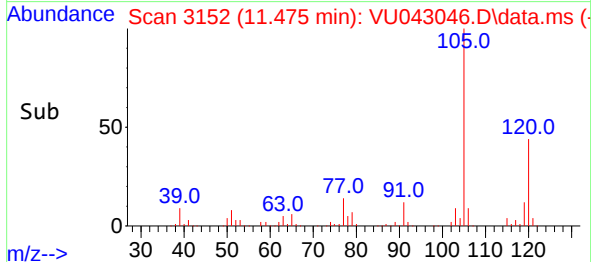
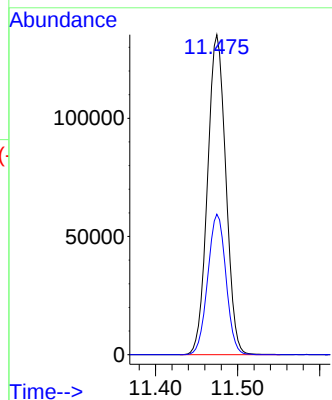
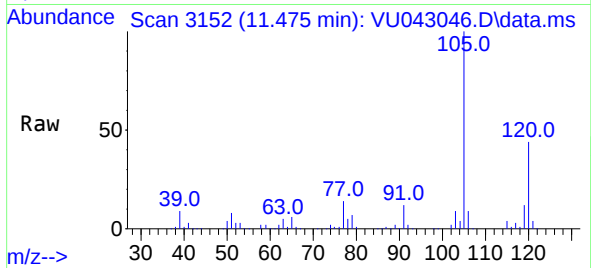




#84
1,2,4-Trimethylbenzene
Concen: 32.08 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043046.D
Acq: 13 Apr 2021 13:09

Instrument :
MSVOA_U
ClientSampled :
41738

Tgt Ion:105 Resp: 209741
Ion Ratio Lower Upper
105 100
120 43.6 22.3 66.8



#95
Naphthalene
Concen: 8.57 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. -0.000 min
Lab File: VU043046.D
Acq: 13 Apr 2021 13:09

Tgt Ion:128 Resp: 47881
Ion Ratio Lower Upper
128 100
127 14.4 10.8 16.2
129 12.1 8.6 13.0

