

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041321\
 Data File : VU043080.D
 Acq On : 14 Apr 2021 02:56
 Operator : SY/MD
 Sample : M2025-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 105-GW-1

Quant Time: Apr 14 05:11:44 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)

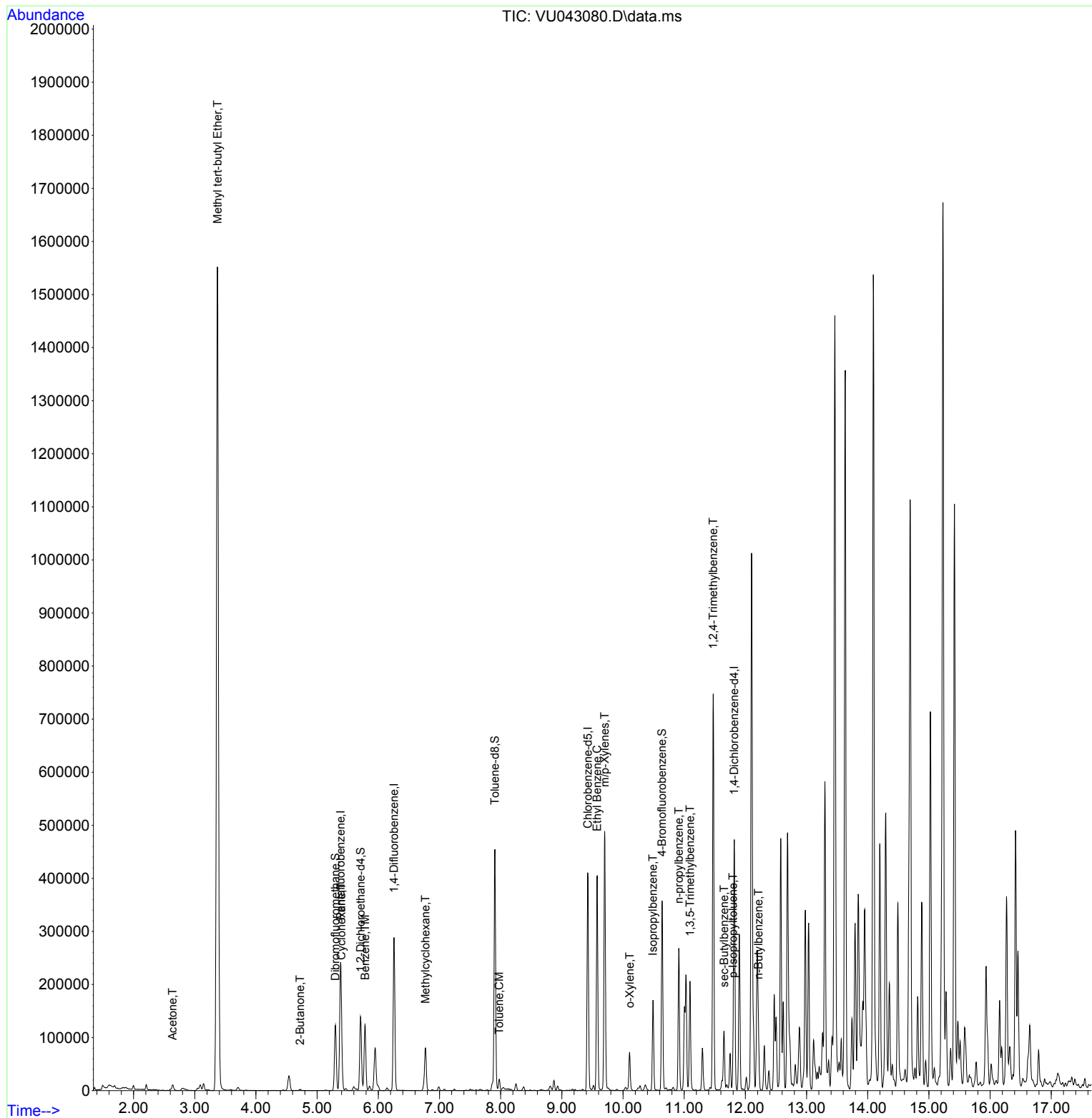
Internal Standards						
1) Pentafluorobenzene	5.382	168	132384	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	216951	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	202537	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	110045	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	107737	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.82%	
35) Dibromofluoromethane	5.298	113	74643	45.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.58%	
50) Toluene-d8	7.906	98	273446	47.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.80%	
62) 4-Bromofluorobenzene	10.639	95	104412	45.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.40%	
Target Compounds						
						Qvalue
16) Acetone	2.639	43	16067	11.98	ug/l	100
19) Methyl tert-butyl Ether	3.372	73	1613593	329.53	ug/l	98
25) 2-Butanone	4.722	43	3730	1.85	ug/l	93
31) Cyclohexane	5.398	56	34770	12.67	ug/l	98
39) Methylcyclohexane	6.771	83	29631	11.71	ug/l	95
40) Benzene	5.784	78	103849	15.79	ug/l	98
52) Toluene	7.976	92	8005	1.96	ug/l	98
67) Ethyl Benzene	9.578	91	268120	34.20	ug/l	100
68) m/p-Xylenes	9.700	106	123762	42.67	ug/l	98
69) o-Xylene	10.108	106	17265	6.10	ug/l	96
73) Isopropylbenzene	10.491	105	102395	13.86	ug/l	99
78) n-propylbenzene	10.912	91	191071	21.61	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	104862	16.08	ug/l	98
84) 1,2,4-Trimethylbenzene	11.475	105	376125	56.15	ug/l	98
85) sec-Butylbenzene	11.651	105	70630	9.40	ug/l	99
86) p-Isopropyltoluene	11.799	119	24989	3.61	ug/l	97
89) n-Butylbenzene	12.214	91	66058	10.20	ug/l #	48

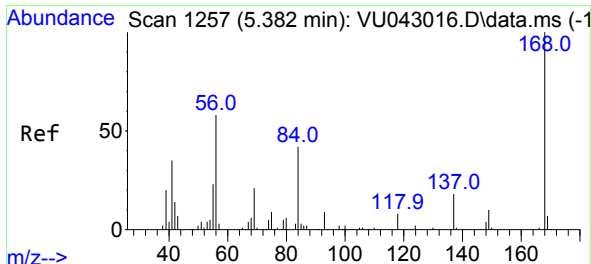
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041321\
Data File : VU043080.D
Acq On : 14 Apr 2021 02:56
Operator : SY/MD
Sample : M2025-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
105-GW-1

Quant Time: Apr 14 05:11:44 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

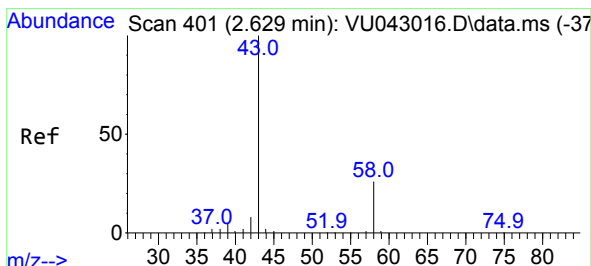
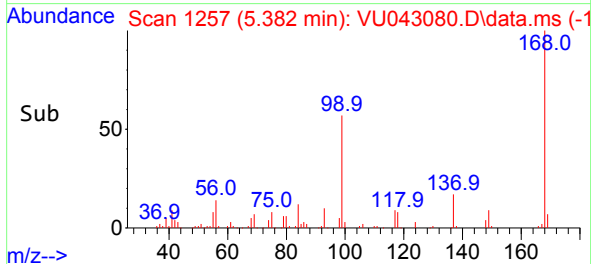
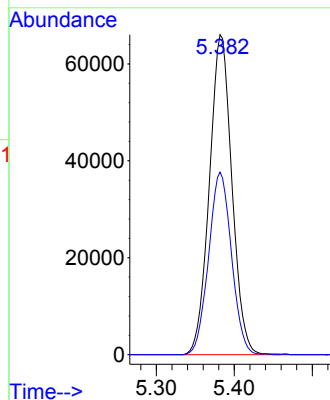
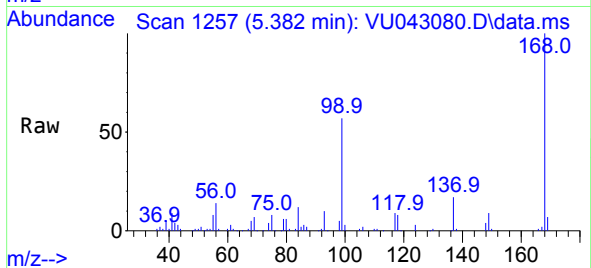




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043080.D
Acq: 14 Apr 2021 02:56

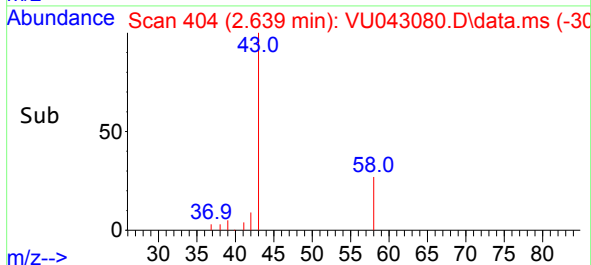
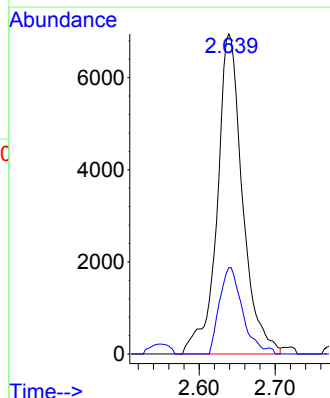
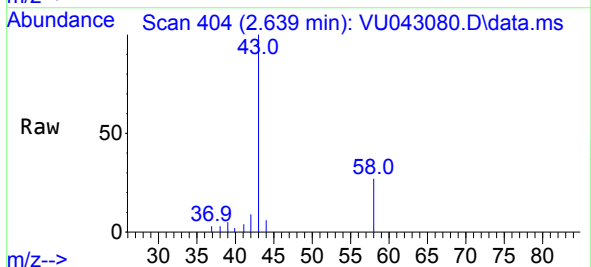
Instrument :
MSVOA_U
ClientSampleId :
105-GW-1

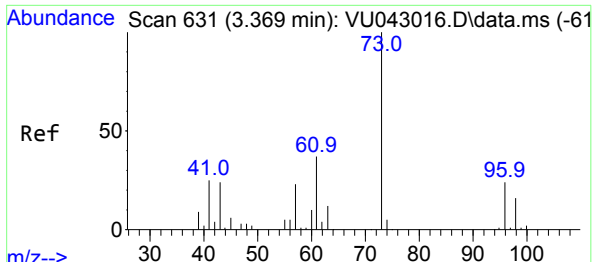
Tgt Ion:168 Resp: 132384
Ion Ratio Lower Upper
168 100
99 57.0 45.0 67.4



#16
Acetone
Concen: 11.98 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.010 min
Lab File: VU043080.D
Acq: 14 Apr 2021 02:56

Tgt Ion: 43 Resp: 16067
Ion Ratio Lower Upper
43 100
58 27.0 21.5 32.3



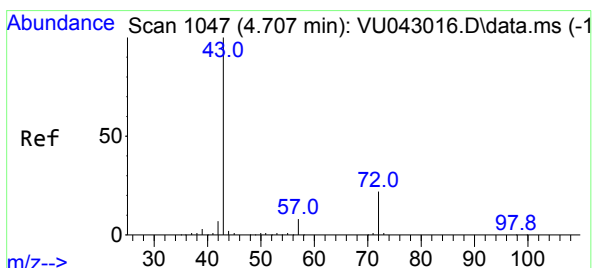
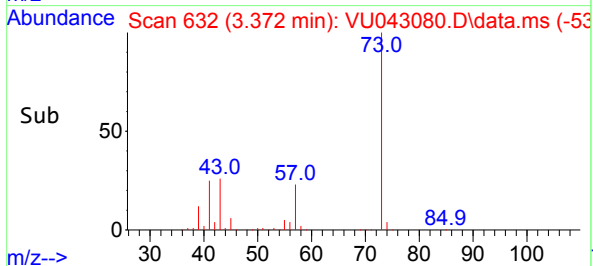
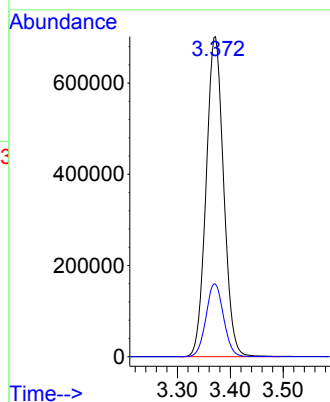
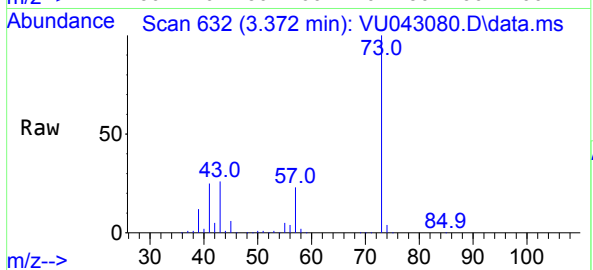


#19

Methyl tert-butyl Ether
Concen: 329.53 ug/l
RT: 3.372 min Scan# 632
Delta R.T. 0.003 min
Lab File: VU043080.D
Acq: 14 Apr 2021 02:56

Instrument :
MSVOA_U
ClientSampled :
105-GW-1

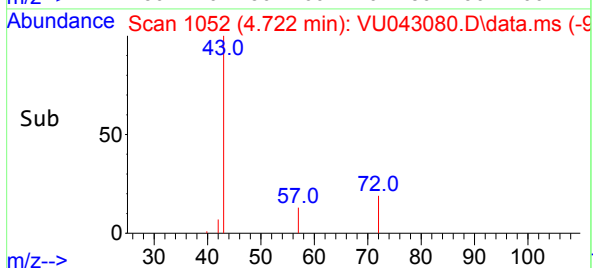
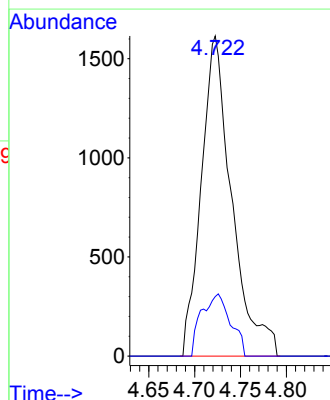
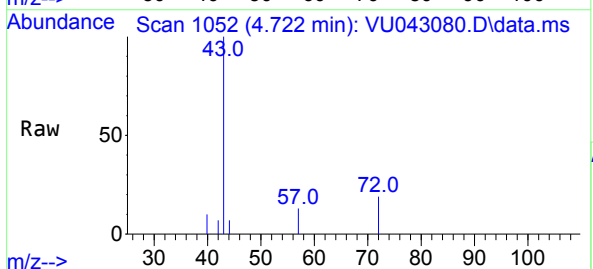
Tgt Ion: 73 Resp: 1613593
Ion Ratio Lower Upper
73 100
57 22.6 18.8 28.2

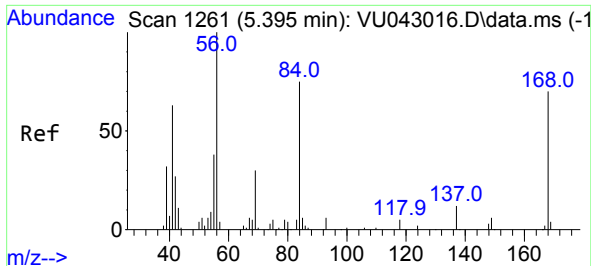


#25

2-Butanone
Concen: 1.85 ug/l
RT: 4.722 min Scan# 1052
Delta R.T. 0.015 min
Lab File: VU043080.D
Acq: 14 Apr 2021 02:56

Tgt Ion: 43 Resp: 3730
Ion Ratio Lower Upper
43 100
72 18.6 17.4 26.0

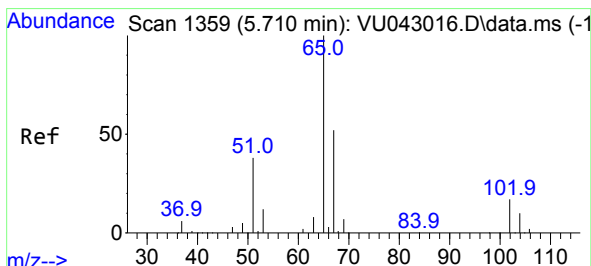
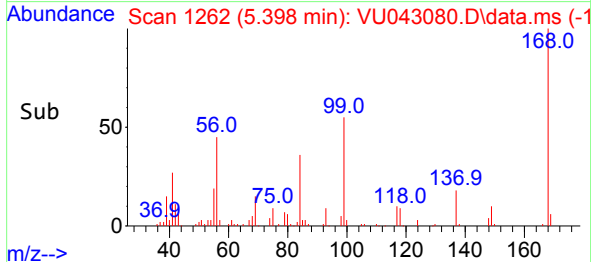
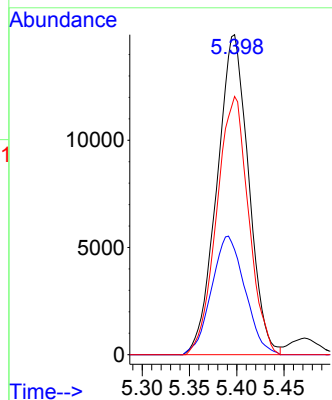
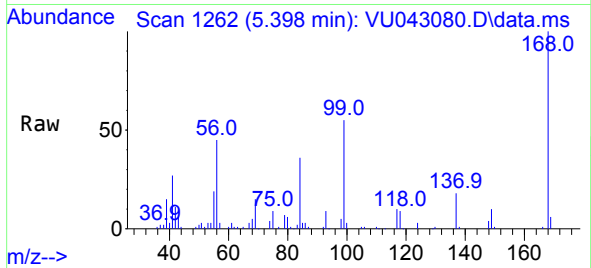




#31
Cyclohexane
Concen: 12.67 ug/l
RT: 5.398 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VU043080.D
Acq: 14 Apr 2021 02:56

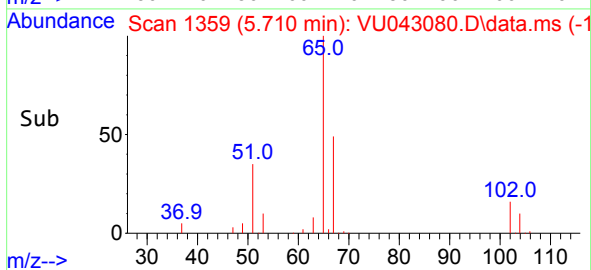
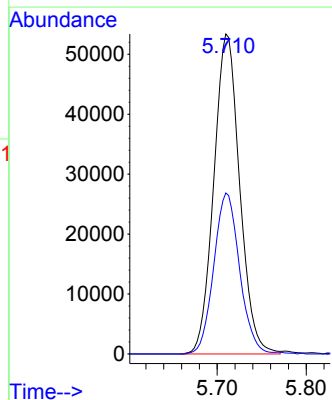
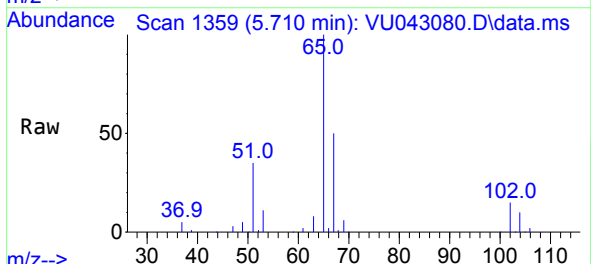
Instrument :
MSVOA_U
ClientSampled :
105-GW-1

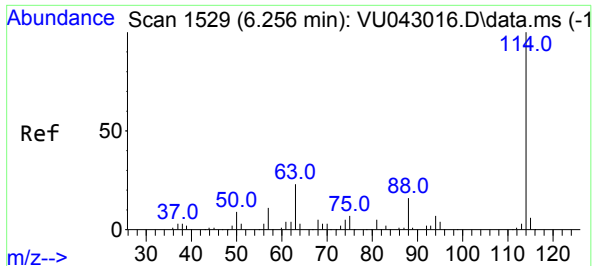
Tgt Ion: 56 Resp: 34770
Ion Ratio Lower Upper
56 100
69 32.8 24.9 37.3
84 80.7 63.7 95.5



#33
1,2-Dichloroethane-d4
Concen: 48.41 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043080.D
Acq: 14 Apr 2021 02:56

Tgt Ion: 65 Resp: 107737
Ion Ratio Lower Upper
65 100
67 50.1 0.0 99.8

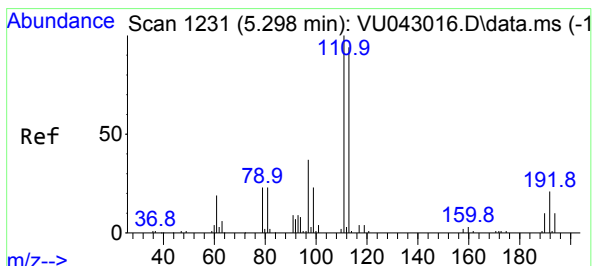
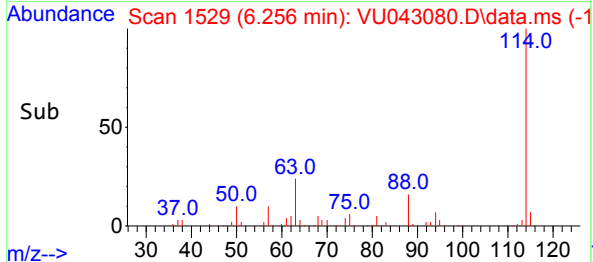
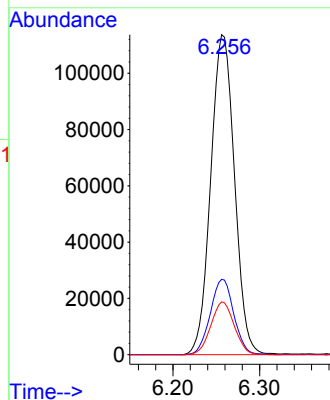
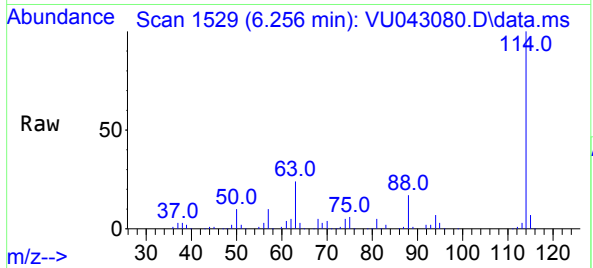




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043080.D
Acq: 14 Apr 2021 02:56

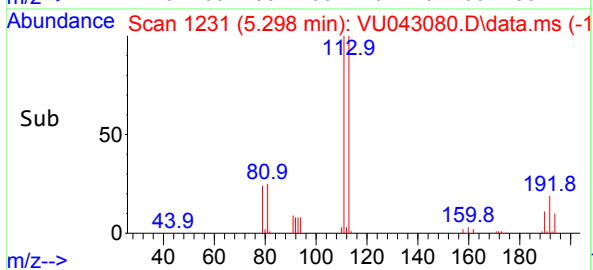
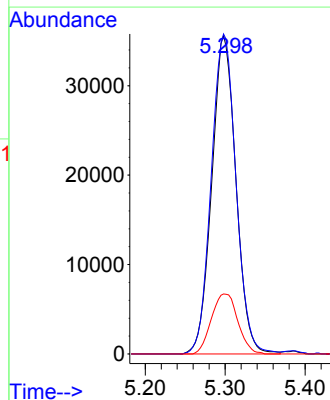
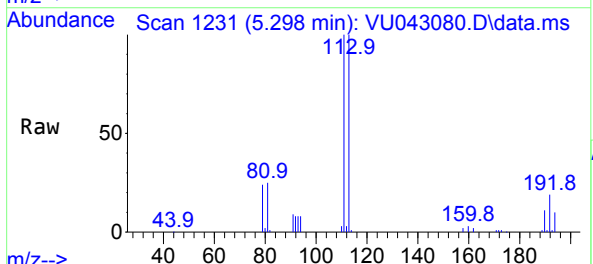
Instrument :
MSVOA_U
ClientSampled :
105-GW-1

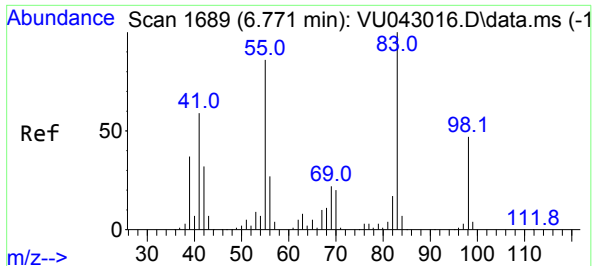
Tgt Ion:114 Resp: 216951
Ion Ratio Lower Upper
114 100
63 23.6 0.0 44.2
88 16.5 0.0 33.4



#35
Dibromofluoromethane
Concen: 45.79 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043080.D
Acq: 14 Apr 2021 02:56

Tgt Ion:113 Resp: 74643
Ion Ratio Lower Upper
113 100
111 102.8 81.8 122.8
192 20.6 17.2 25.8





#39

Methylcyclohexane

Concen: 11.71 ug/l

RT: 6.771 min Scan# 1689

Delta R.T. -0.000 min

Lab File: VU043080.D

Acq: 14 Apr 2021 02:56

Instrument :

MSVOA_U

ClientSampleId :

105-GW-1

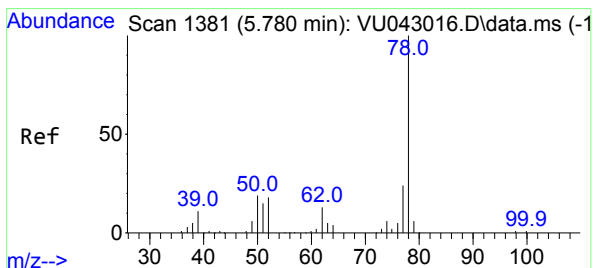
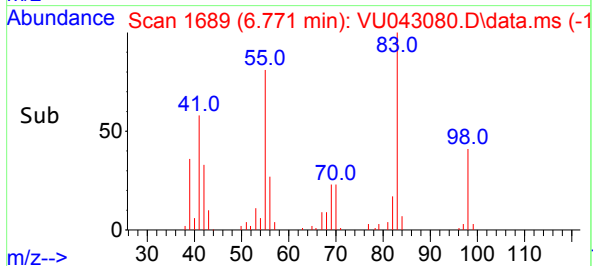
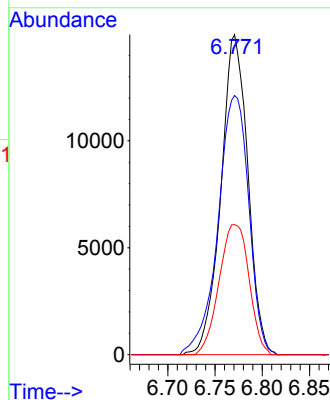
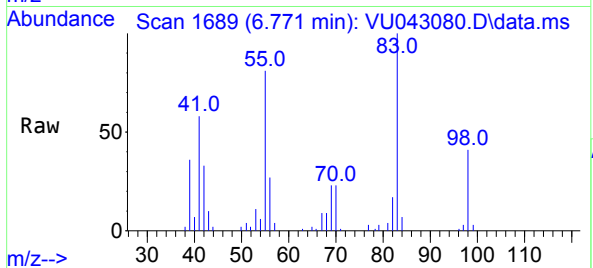
Tgt Ion: 83 Resp: 29631

Ion Ratio Lower Upper

83 100

55 81.0 66.8 100.2

98 40.7 36.9 55.3



#40

Benzene

Concen: 15.79 ug/l

RT: 5.784 min Scan# 1382

Delta R.T. 0.004 min

Lab File: VU043080.D

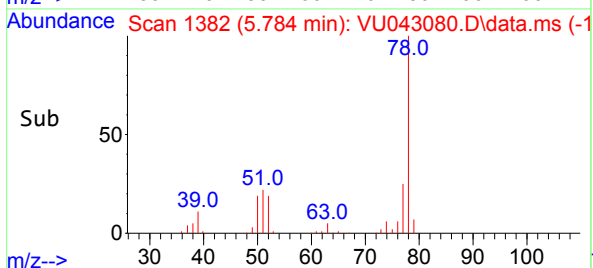
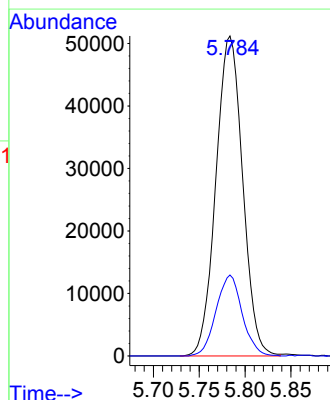
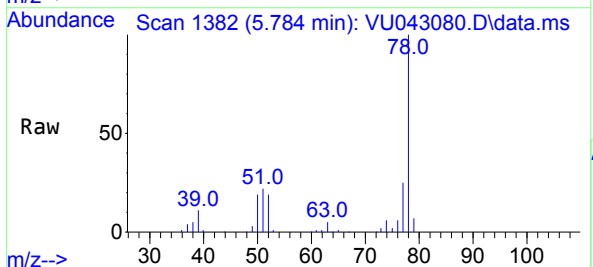
Acq: 14 Apr 2021 02:56

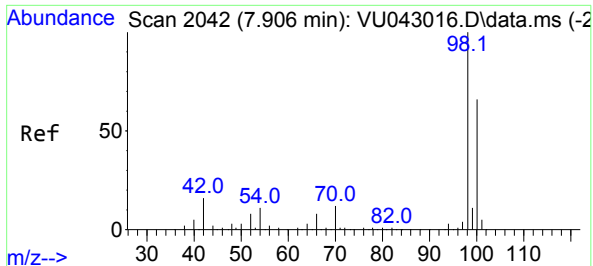
Tgt Ion: 78 Resp: 103849

Ion Ratio Lower Upper

78 100

77 25.3 19.3 28.9

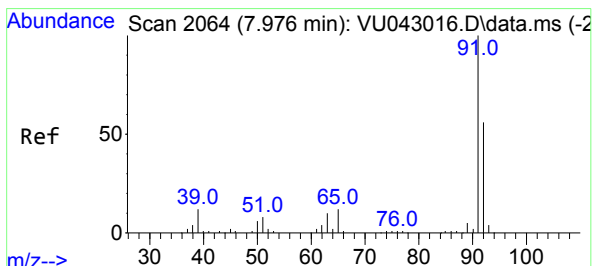
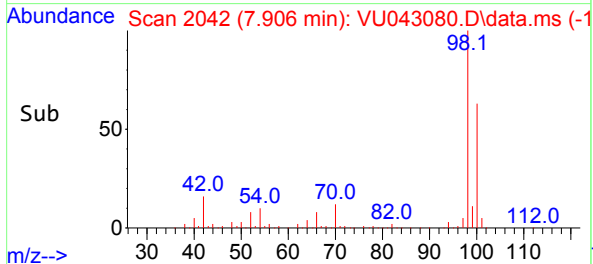
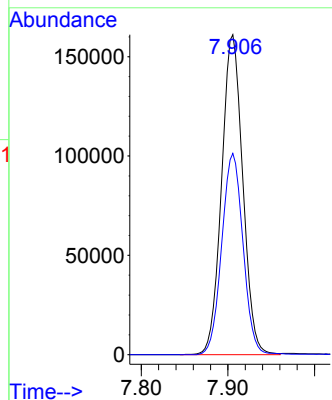
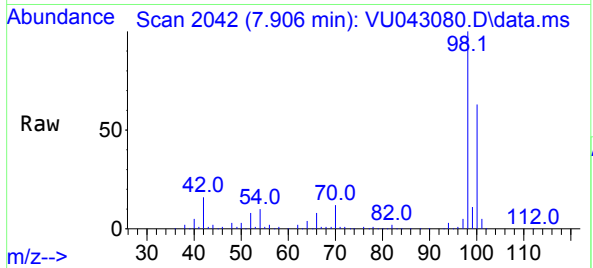




#50
Toluene-d8
Concen: 47.40 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043080.D
Acq: 14 Apr 2021 02:56

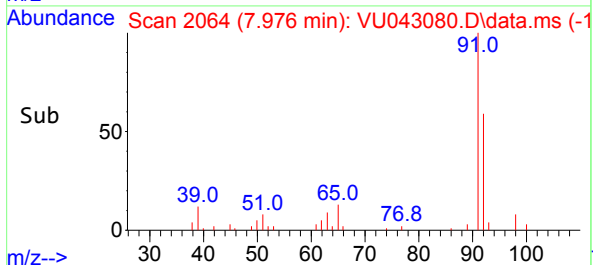
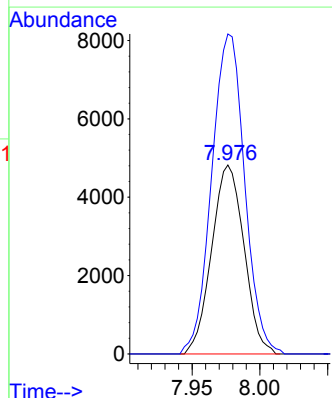
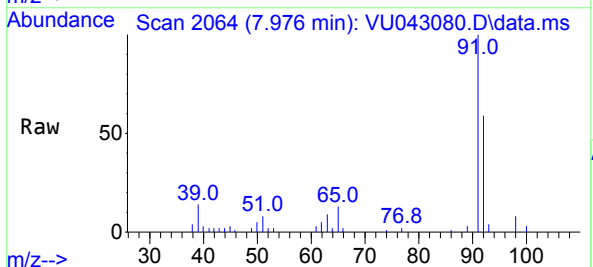
Instrument :
MSVOA_U
ClientSampleId :
105-GW-1

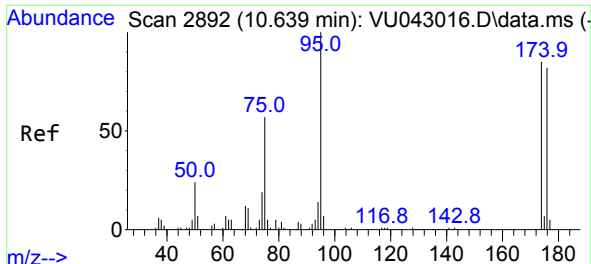
Tgt Ion: 98 Resp: 273446
Ion Ratio Lower Upper
98 100
100 63.2 50.2 75.2



#52
Toluene
Concen: 1.96 ug/l
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043080.D
Acq: 14 Apr 2021 02:56

Tgt Ion: 92 Resp: 8005
Ion Ratio Lower Upper
92 100
91 172.6 140.3 210.5

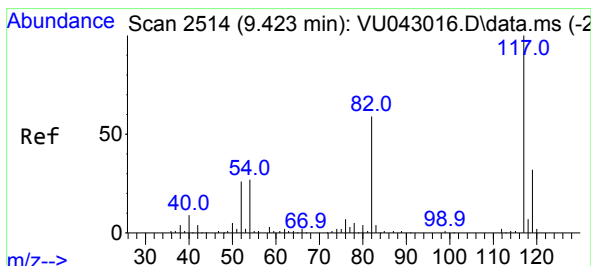
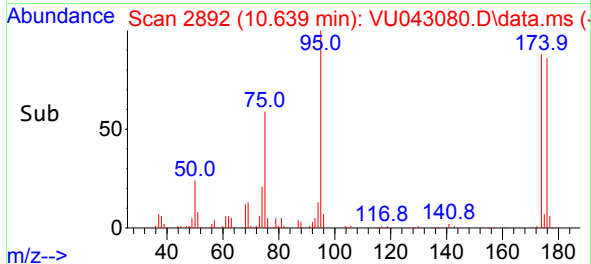
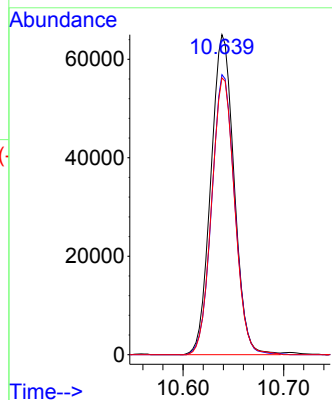
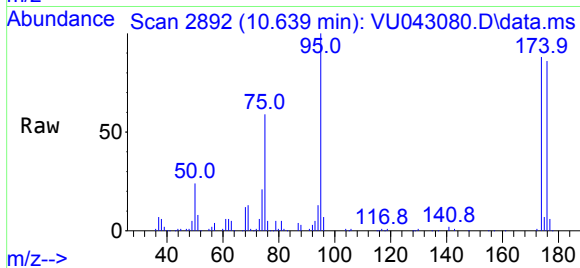




#62
4-Bromofluorobenzene
Concen: 45.20 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043080.D
Acq: 14 Apr 2021 02:56

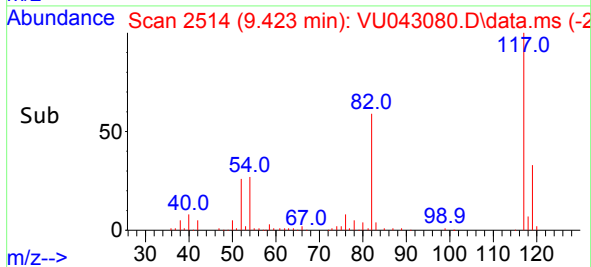
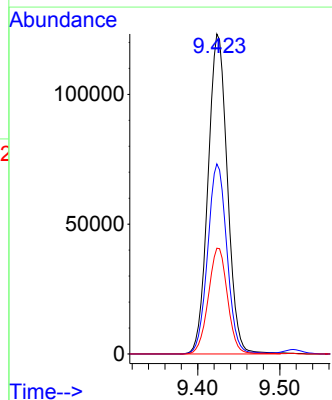
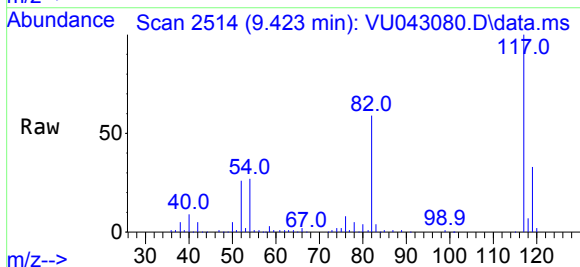
Instrument :
MSVOA_U
ClientSampleId :
105-GW-1

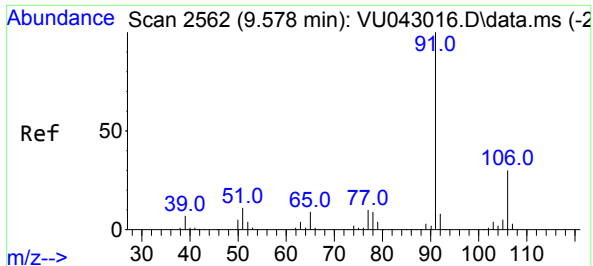
Tgt Ion: 95 Resp: 104412
Ion Ratio Lower Upper
95 100
174 86.1 0.0 172.2
176 85.6 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043080.D
Acq: 14 Apr 2021 02:56

Tgt Ion: 117 Resp: 202537
Ion Ratio Lower Upper
117 100
82 59.4 45.8 68.6
119 33.0 25.8 38.8

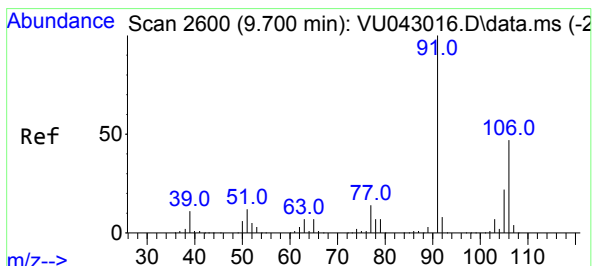
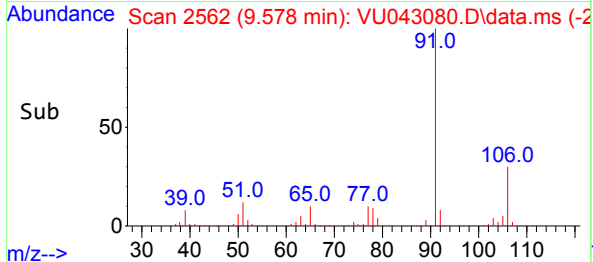
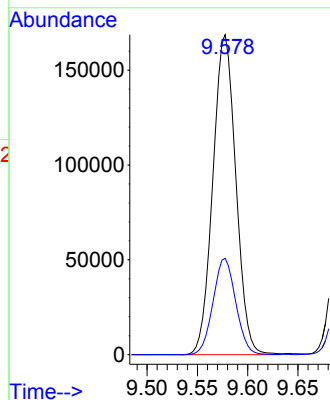
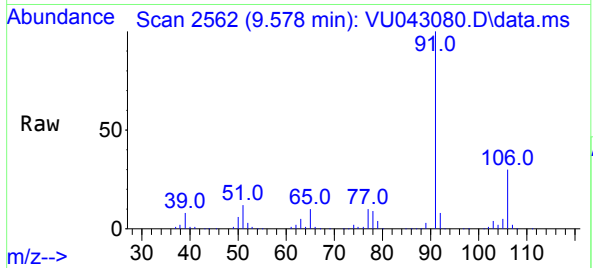




#67
Ethyl Benzene
Concen: 34.20 ug/l
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU043080.D
Acq: 14 Apr 2021 02:56

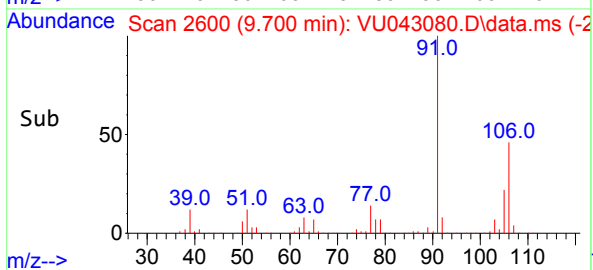
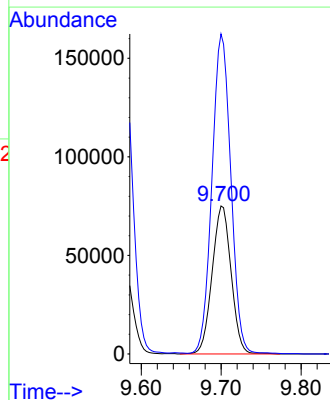
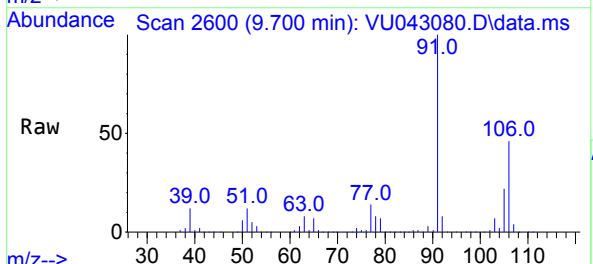
Instrument :
MSVOA_U
ClientSampled :
105-GW-1

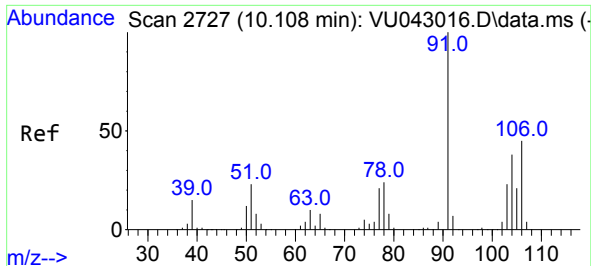
Tgt Ion: 91 Resp: 268120
Ion Ratio Lower Upper
91 100
106 30.1 24.1 36.1



#68
m/p-Xylenes
Concen: 42.67 ug/l
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU043080.D
Acq: 14 Apr 2021 02:56

Tgt Ion: 106 Resp: 123762
Ion Ratio Lower Upper
106 100
91 215.5 169.9 254.9

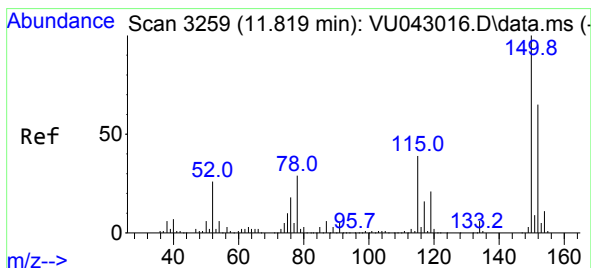
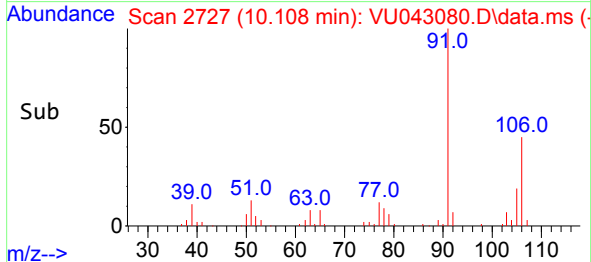
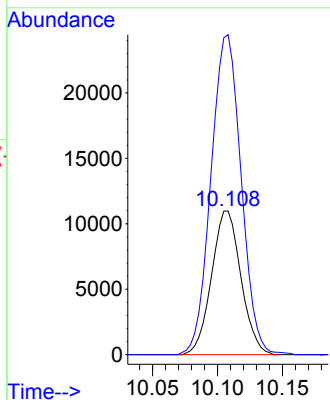
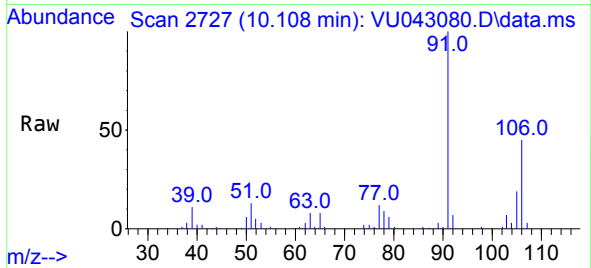




#69
o-Xylene
Concen: 6.10 ug/l
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU043080.D
Acq: 14 Apr 2021 02:56

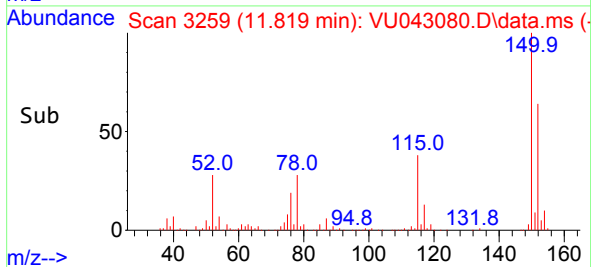
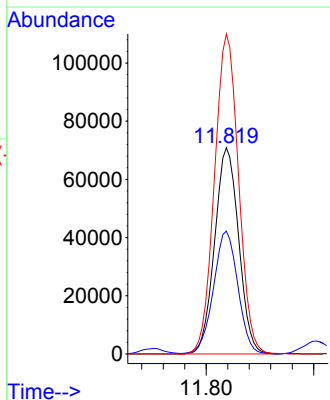
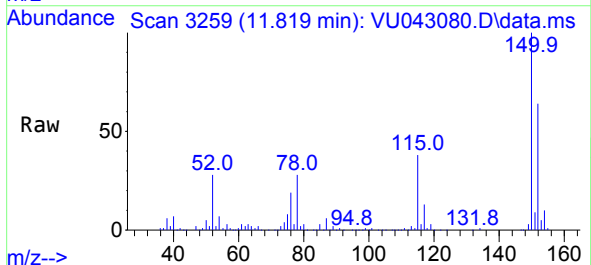
Instrument :
MSVOA_U
ClientSampled :
105-GW-1

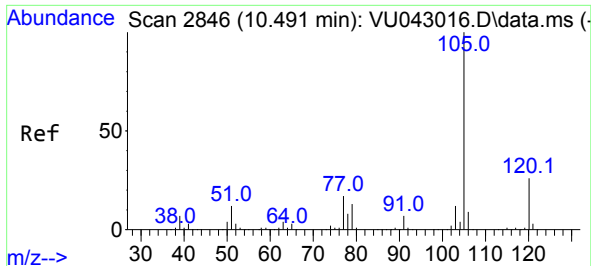
Tgt Ion:106 Resp: 17265
Ion Ratio Lower Upper
106 100
91 228.7 111.2 333.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043080.D
Acq: 14 Apr 2021 02:56

Tgt Ion:152 Resp: 110045
Ion Ratio Lower Upper
152 100
115 60.6 41.5 124.6
150 155.2 0.0 342.4

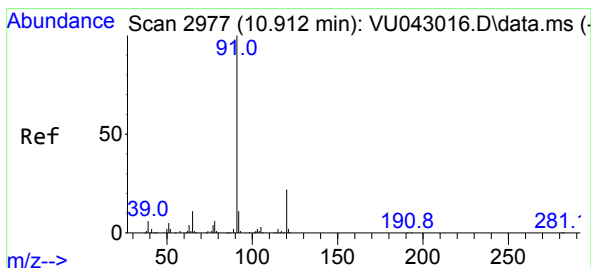
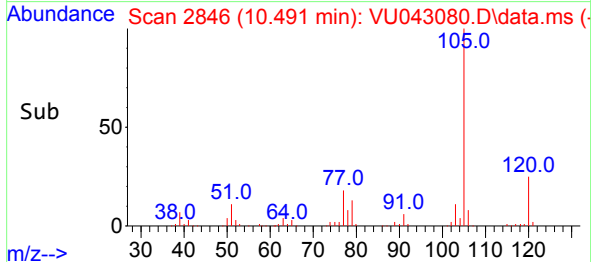
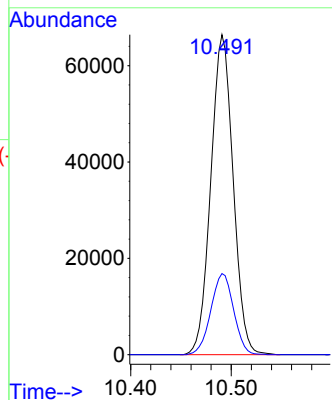
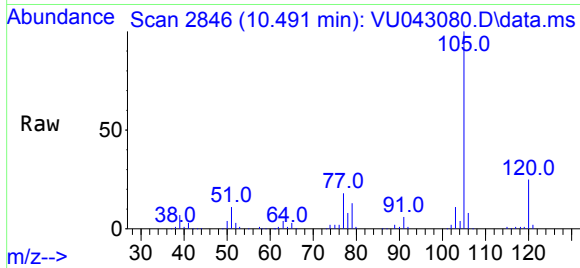




#73
Isopropylbenzene
Concen: 13.86 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU043080.D
Acq: 14 Apr 2021 02:56

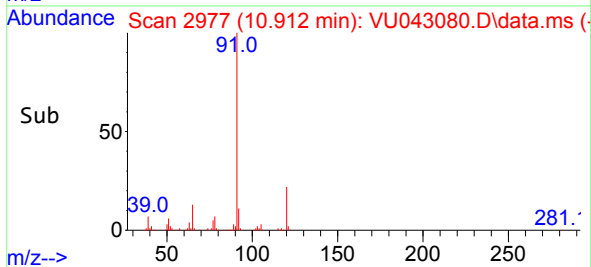
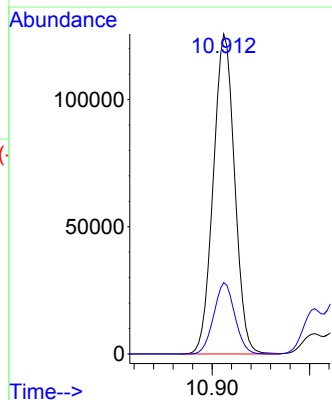
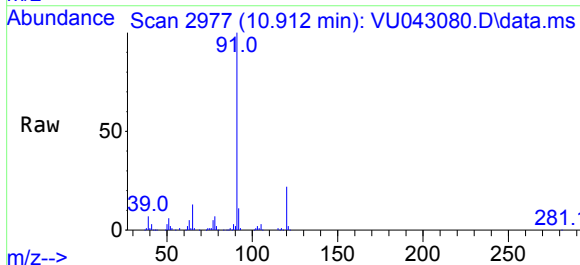
Instrument :
MSVOA_U
ClientSampled :
105-GW-1

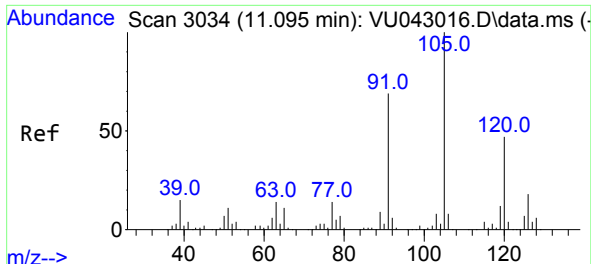
Tgt Ion:105 Resp: 102395
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.3



#78
n-propylbenzene
Concen: 21.61 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. -0.000 min
Lab File: VU043080.D
Acq: 14 Apr 2021 02:56

Tgt Ion: 91 Resp: 191071
Ion Ratio Lower Upper
91 100
120 21.9 11.2 33.6

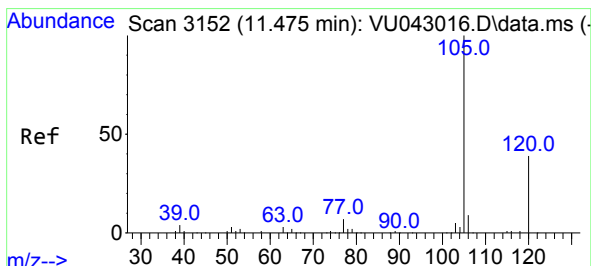
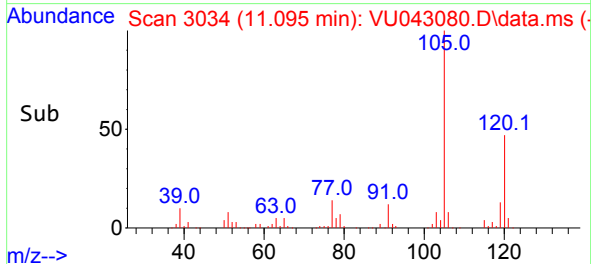
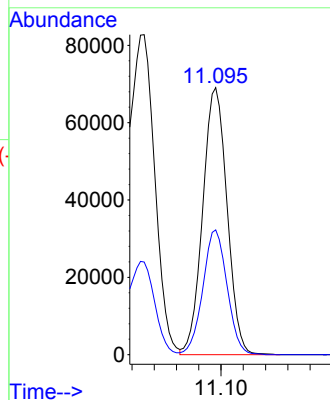
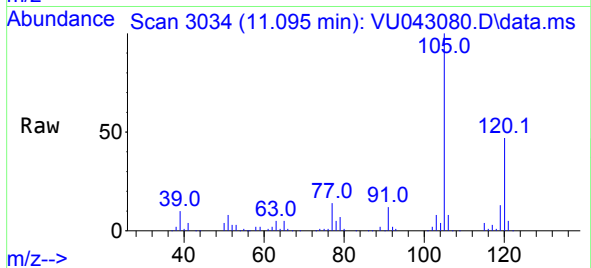




#80
1,3,5-Trimethylbenzene
Concen: 16.08 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU043080.D
Acq: 14 Apr 2021 02:56

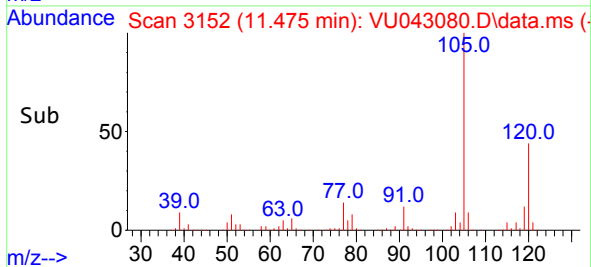
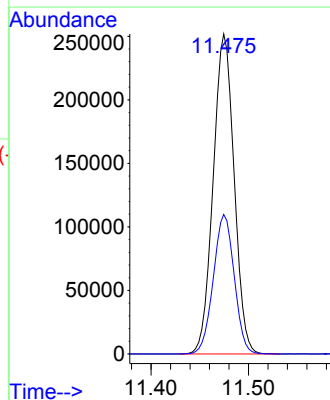
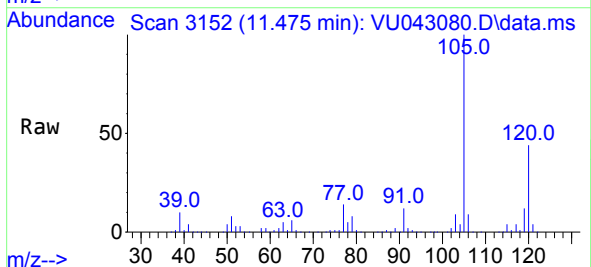
Instrument :
MSVOA_U
ClientSampled :
105-GW-1

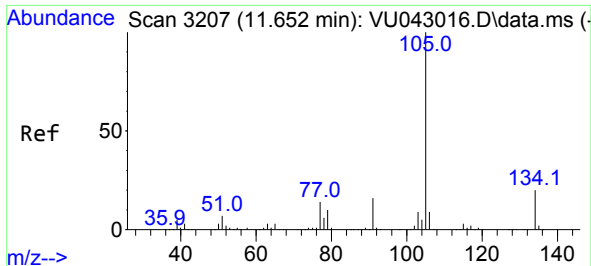
Tgt Ion:105 Resp: 104862
Ion Ratio Lower Upper
105 100
120 46.5 23.8 71.4



#84
1,2,4-Trimethylbenzene
Concen: 56.15 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043080.D
Acq: 14 Apr 2021 02:56

Tgt Ion:105 Resp: 376125
Ion Ratio Lower Upper
105 100
120 43.5 22.3 66.8

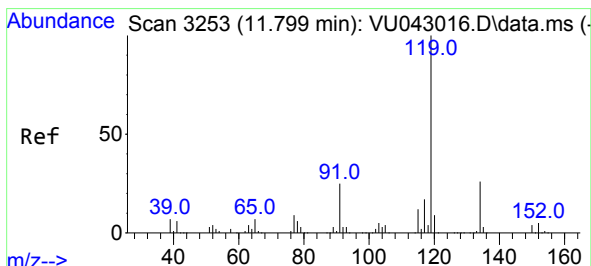
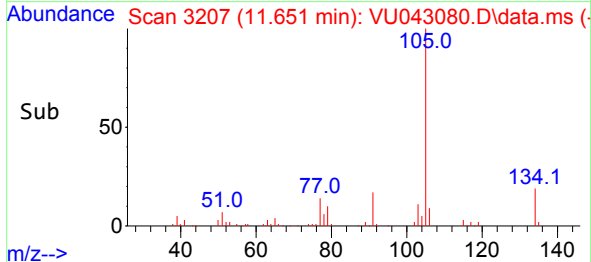
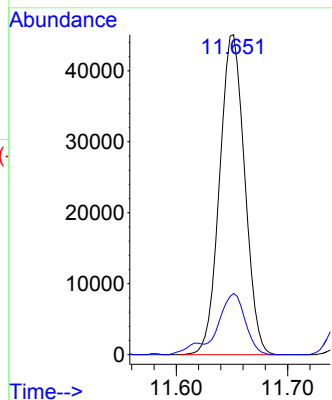
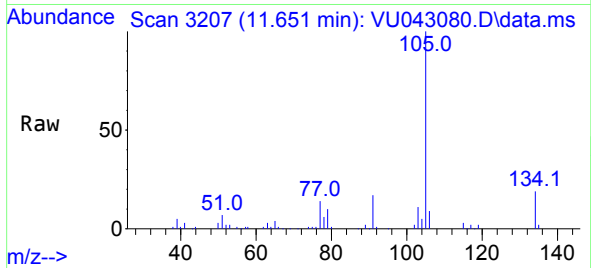




#85
sec-Butylbenzene
Concen: 9.40 ug/l
RT: 11.651 min Scan# 3207
Delta R.T. -0.001 min
Lab File: VU043080.D
Acq: 14 Apr 2021 02:56

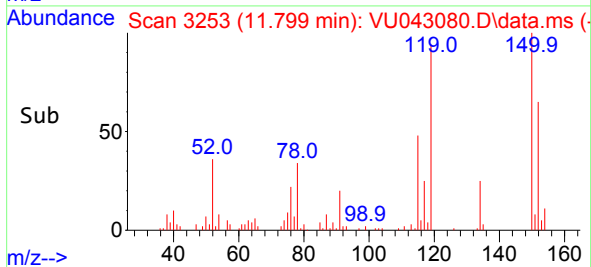
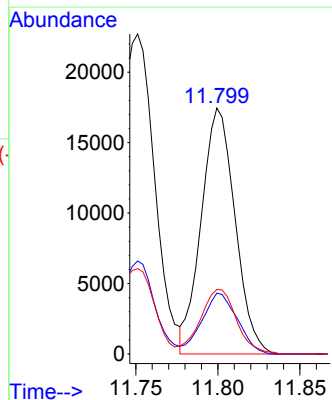
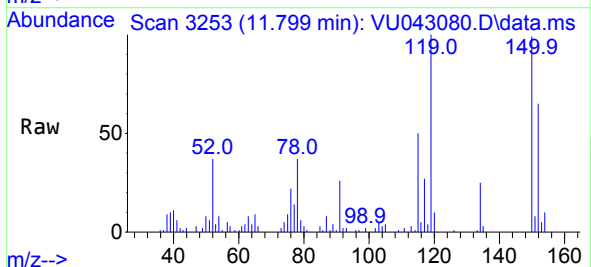
Instrument :
MSVOA_U
ClientSampleId :
105-GW-1

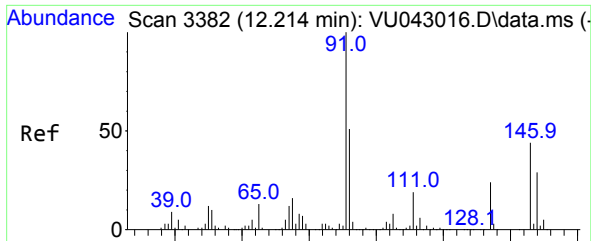
Tgt Ion:105 Resp: 70630
Ion Ratio Lower Upper
105 100
134 19.4 10.0 30.0



#86
p-Isopropyltoluene
Concen: 3.61 ug/l
RT: 11.799 min Scan# 3253
Delta R.T. 0.000 min
Lab File: VU043080.D
Acq: 14 Apr 2021 02:56

Tgt Ion:119 Resp: 24989
Ion Ratio Lower Upper
119 100
134 25.9 13.2 39.6
91 28.2 12.8 38.3





#89
 n-Butylbenzene
 Concen: 10.20 ug/l
 RT: 12.214 min Scan# 3382
 Delta R.T. 0.000 min
 Lab File: VU043080.D
 Acq: 14 Apr 2021 02:56

Instrument :
 MSVOA_U
 ClientSampleId :
 105-GW-1

Tgt Ion: 91 Resp: 66058
 Ion Ratio Lower Upper
 91 100
 92 36.4 26.2 78.6
 134 81.9 12.7 38.1#

