

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041421\
 Data File : VU043098.D
 Acq On : 14 Apr 2021 16:40
 Operator : SY/MD
 Sample : M2025-12DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 105-GW-1DL

Quant Time: Apr 15 02:07:24 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)

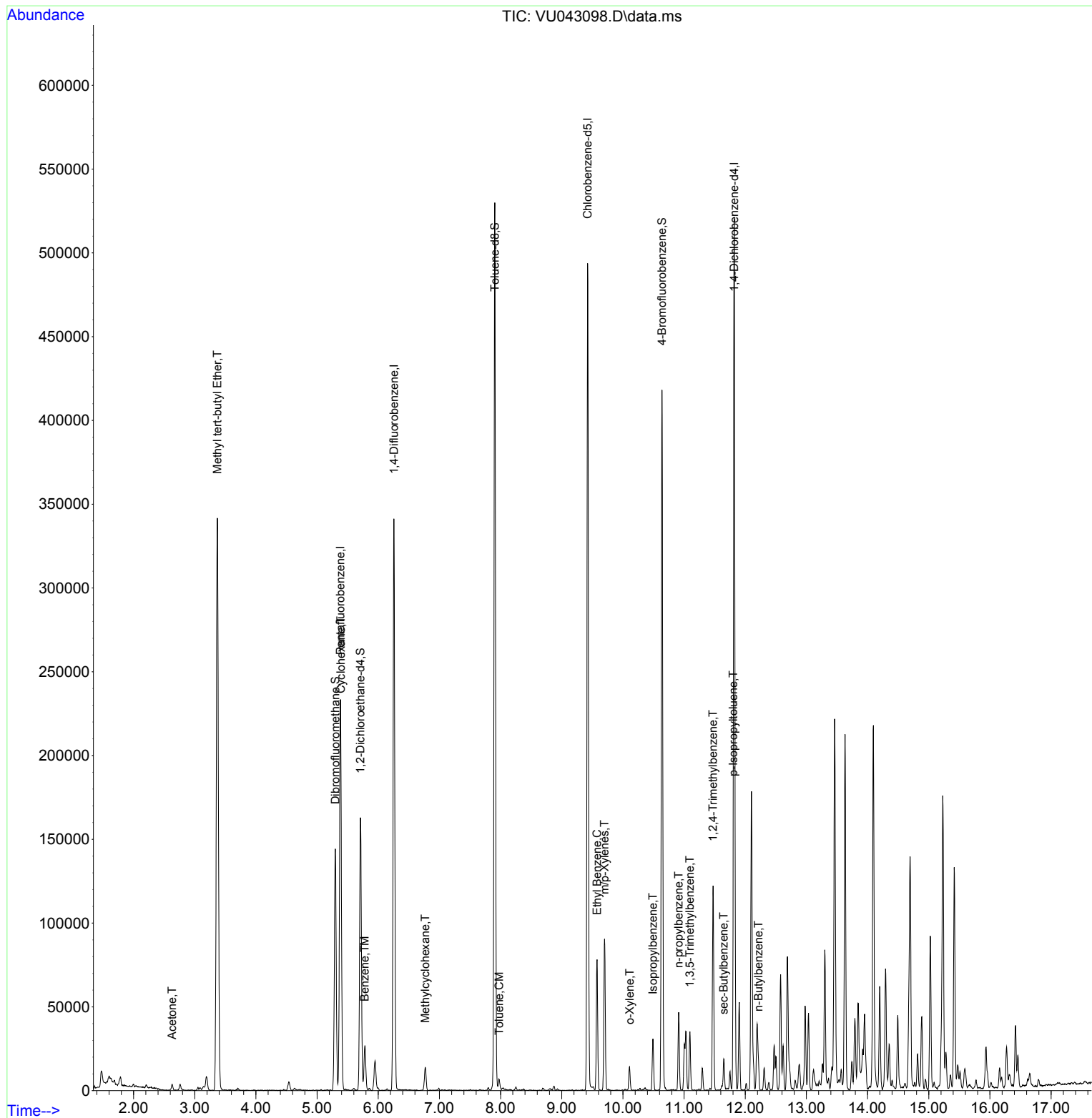
Internal Standards						
1) Pentafluorobenzene	5.382	168	155469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	255086	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	246027	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	124614	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	126534	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.82%	
35) Dibromofluoromethane	5.298	113	86964	45.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.74%	
50) Toluene-d8	7.906	98	322402	47.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.06%	
62) 4-Bromofluorobenzene	10.639	95	123088	45.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.64%	
Target Compounds					Qvalue	
16) Acetone	2.629	43	4503	2.63	ug/l	96
19) Methyl tert-butyl Ether	3.369	73	354964	61.73	ug/l	99
31) Cyclohexane	5.388	56	9658	3.00	ug/l #	73
39) Methylcyclohexane	6.767	83	5251	1.76	ug/l	99
40) Benzene	5.780	78	22201	2.87	ug/l	100
52) Toluene	7.976	92	2014	0.42	ug/l	82
67) Ethyl Benzene	9.578	91	51824	5.44	ug/l	100
68) m/p-Xylenes	9.700	106	23634	6.71	ug/l	99
69) o-Xylene	10.111	106	3439	1.00	ug/l	95
73) Isopropylbenzene	10.491	105	19570	2.34	ug/l	100
78) n-propylbenzene	10.912	91	34462	3.44	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	17445	2.36	ug/l	100
84) 1,2,4-Trimethylbenzene	11.475	105	62764	8.27	ug/l	99
85) sec-Butylbenzene	11.648	105	12045	1.42	ug/l	91
86) p-Isopropyltoluene	11.803	119	4522	0.58	ug/l	90
89) n-Butylbenzene	12.214	91	11266	1.54	ug/l #	51

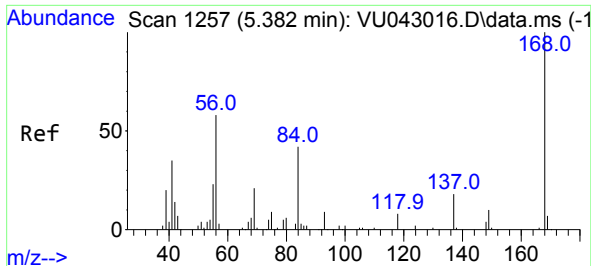
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Apr 12 13:17:29 2021
Response via : Initial Calibration

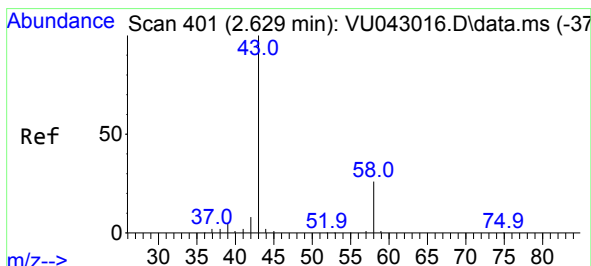
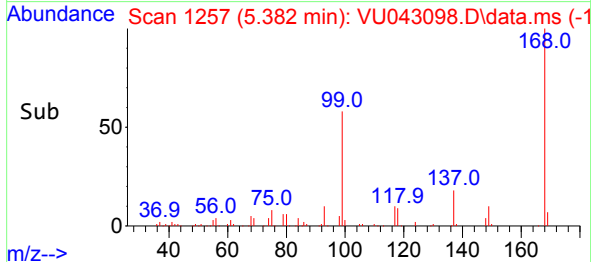
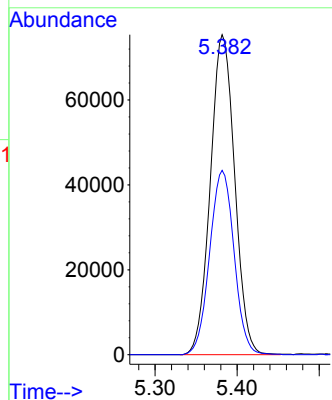
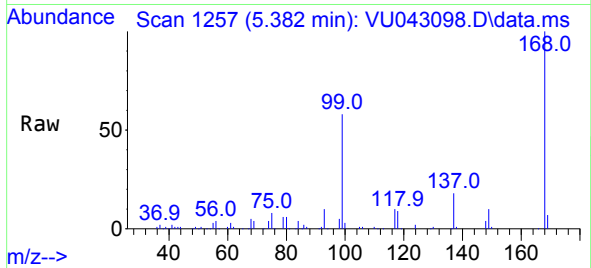




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043098.D
Acq: 14 Apr 2021 16:40

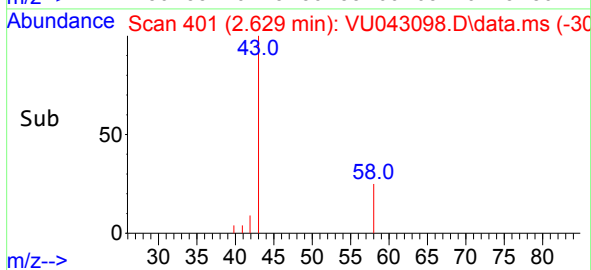
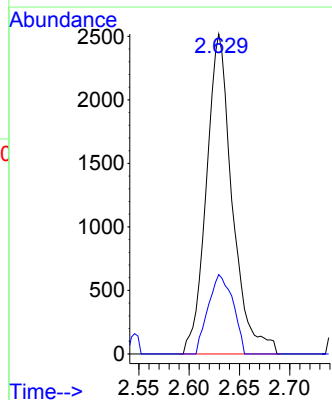
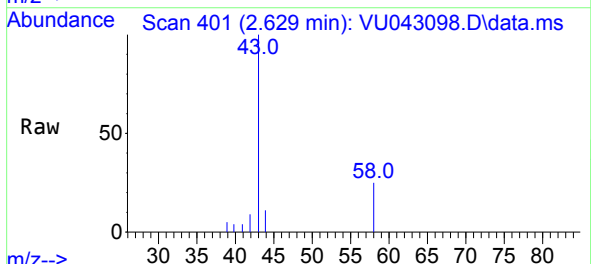
Instrument :
MSVOA_U
ClientSampled :
105-GW-1DL

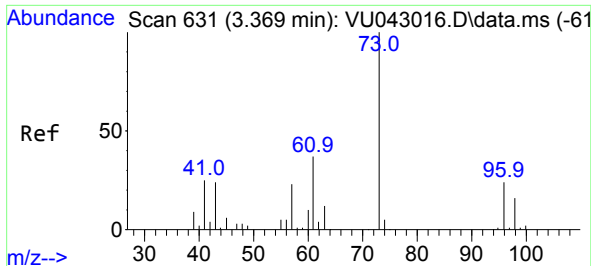
Tgt Ion:168 Resp: 155469
Ion Ratio Lower Upper
168 100
99 57.6 45.0 67.4



#16
Acetone
Concen: 2.63 ug/l
RT: 2.629 min Scan# 401
Delta R.T. 0.000 min
Lab File: VU043098.D
Acq: 14 Apr 2021 16:40

Tgt Ion: 43 Resp: 4503
Ion Ratio Lower Upper
43 100
58 24.8 21.5 32.3



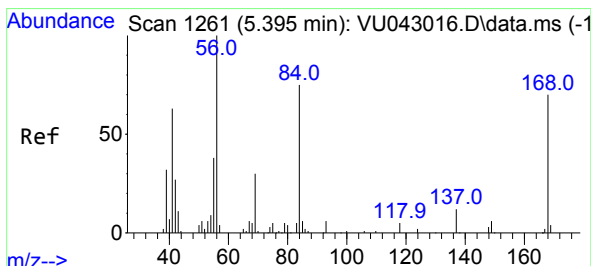
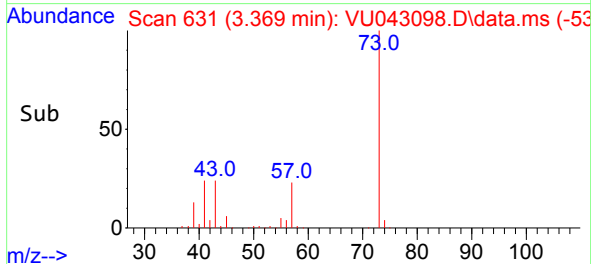
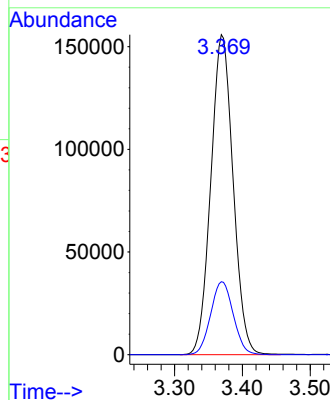
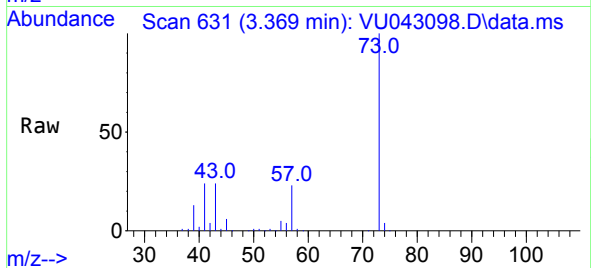


#19

Methyl tert-butyl Ether
Concen: 61.73 ug/l
RT: 3.369 min Scan# 631
Delta R.T. -0.000 min
Lab File: VU043098.D
Acq: 14 Apr 2021 16:40

Instrument :
MSVOA_U
ClientSampled :
105-GW-1DL

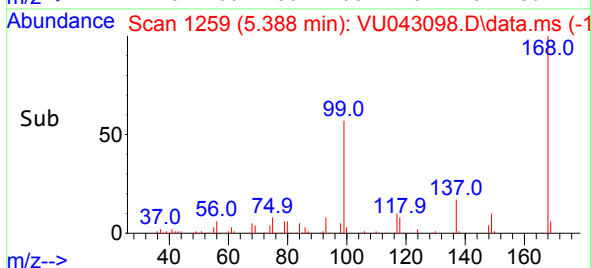
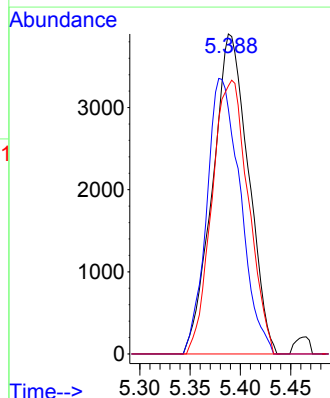
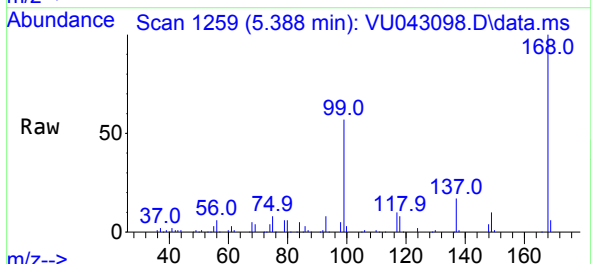
Tgt Ion: 73 Resp: 354964
Ion Ratio Lower Upper
73 100
57 22.8 18.8 28.2

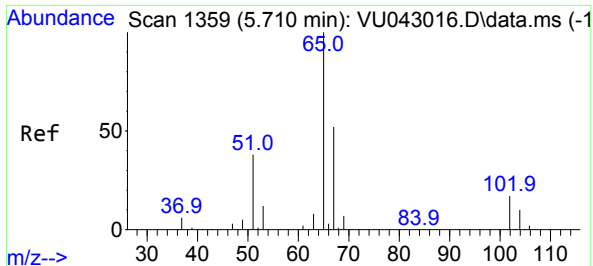


#31

Cyclohexane
Concen: 3.00 ug/l
RT: 5.388 min Scan# 1259
Delta R.T. -0.007 min
Lab File: VU043098.D
Acq: 14 Apr 2021 16:40

Tgt Ion: 56 Resp: 9658
Ion Ratio Lower Upper
56 100
69 76.6 24.9 37.3#
84 83.8 63.7 95.5

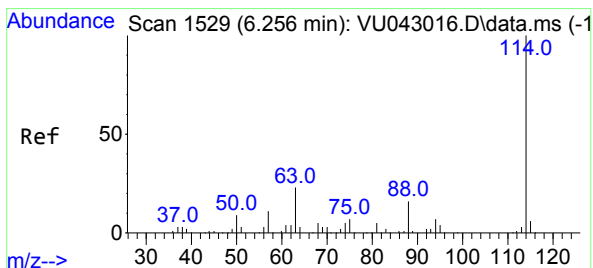
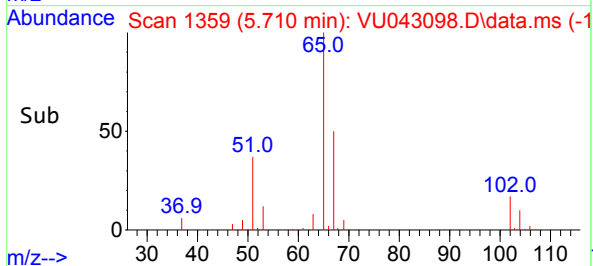
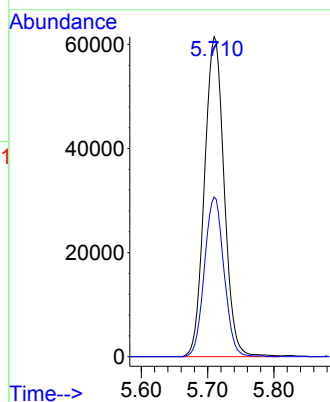
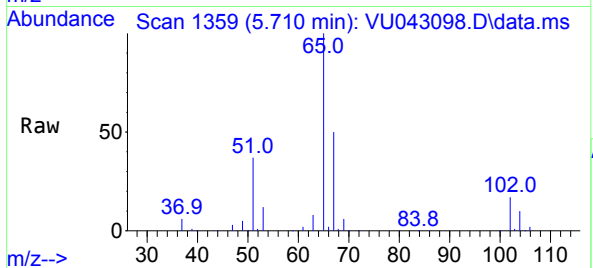




#33
1,2-Dichloroethane-d4
Concen: 48.41 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043098.D
Acq: 14 Apr 2021 16:40

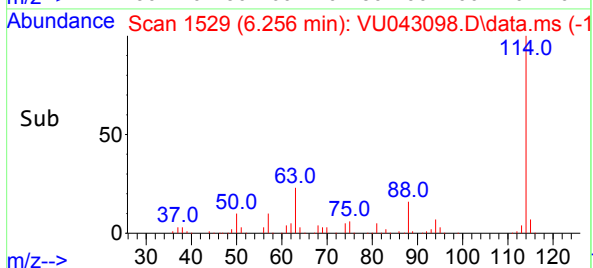
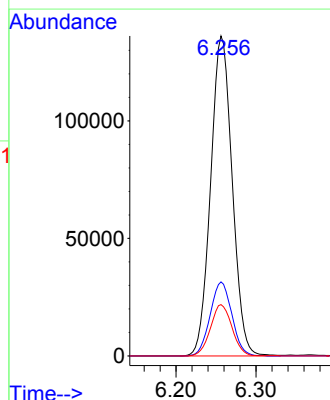
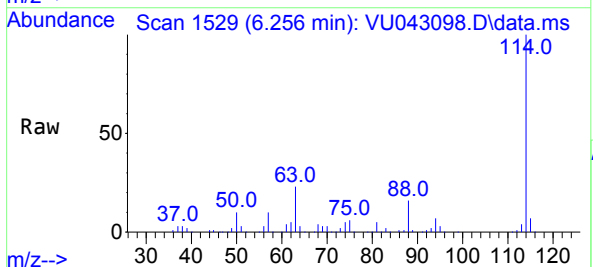
Instrument :
MSVOA_U
ClientSampleId :
105-GW-1DL

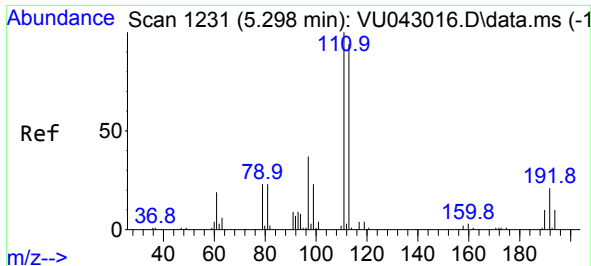
Tgt Ion: 65 Resp: 126534
Ion Ratio Lower Upper
65 100
67 49.5 0.0 99.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043098.D
Acq: 14 Apr 2021 16:40

Tgt Ion:114 Resp: 255086
Ion Ratio Lower Upper
114 100
63 23.2 0.0 44.2
88 16.1 0.0 33.4

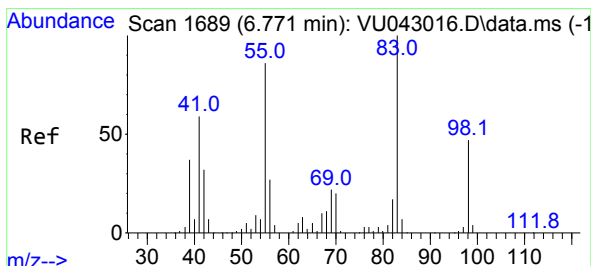
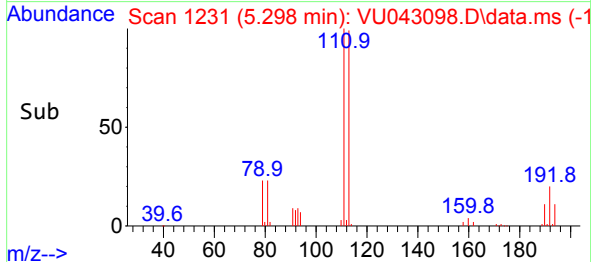
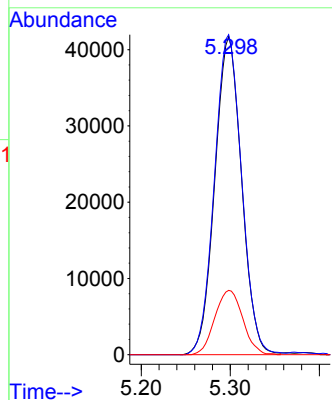
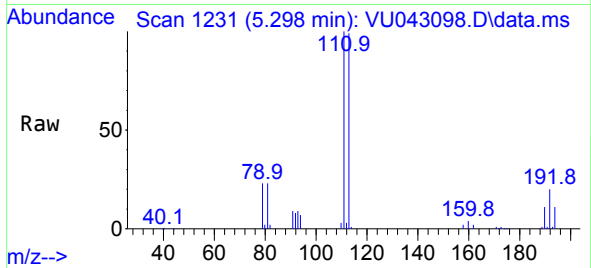




#35
Dibromofluoromethane
Concen: 45.37 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043098.D
Acq: 14 Apr 2021 16:40

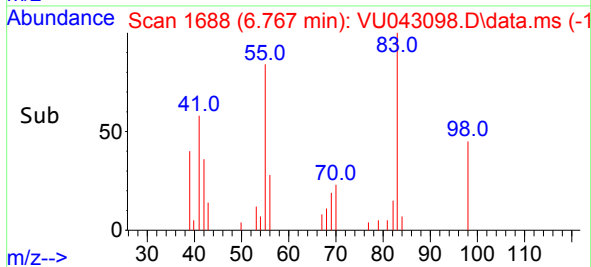
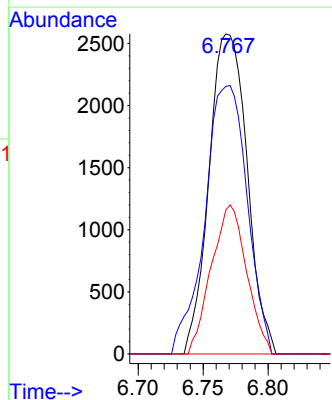
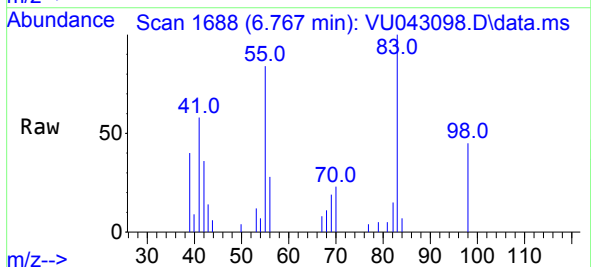
Instrument :
MSVOA_U
ClientSampled :
105-GW-1DL

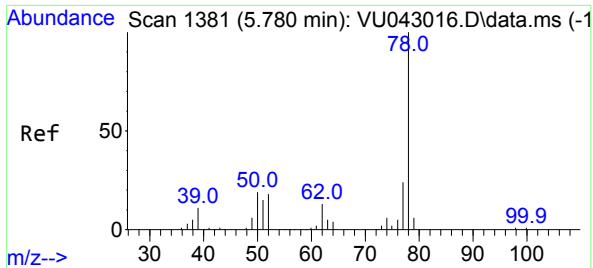
Tgt Ion:113 Resp: 86964
Ion Ratio Lower Upper
113 100
111 102.3 81.8 122.8
192 21.1 17.2 25.8



#39
Methylcyclohexane
Concen: 1.76 ug/l
RT: 6.767 min Scan# 1688
Delta R.T. -0.004 min
Lab File: VU043098.D
Acq: 14 Apr 2021 16:40

Tgt Ion: 83 Resp: 5251
Ion Ratio Lower Upper
83 100
55 83.6 66.8 100.2
98 45.0 36.9 55.3

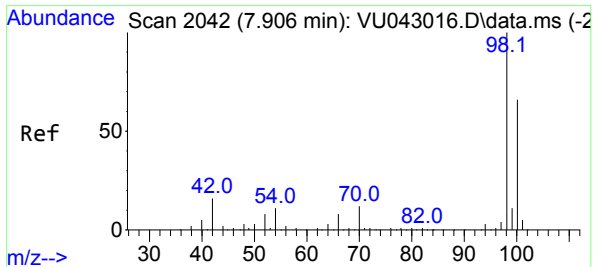
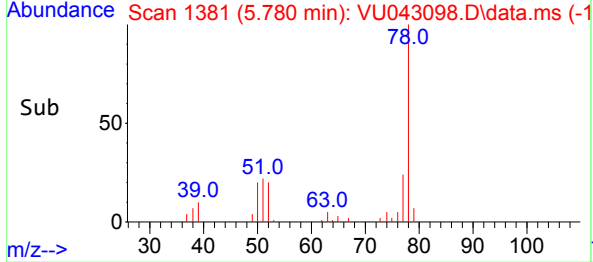
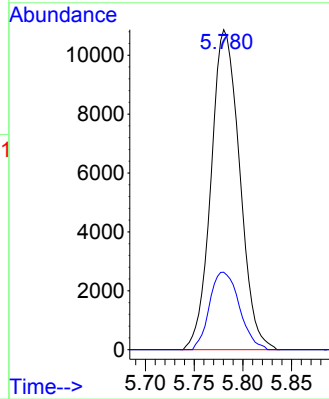
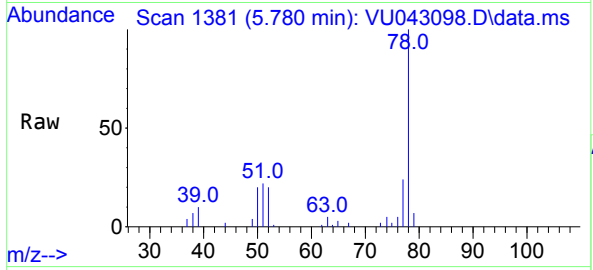




#40
Benzene
Concen: 2.87 ug/l
RT: 5.780 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VU043098.D
Acq: 14 Apr 2021 16:40

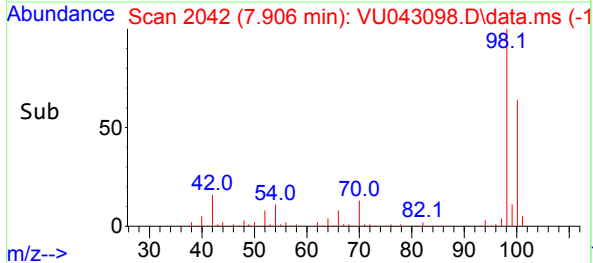
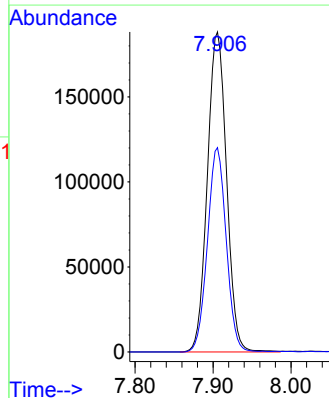
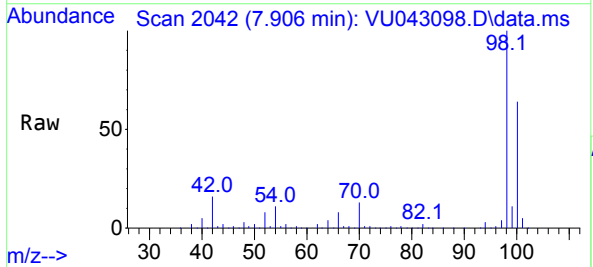
Instrument :
MSVOA_U
ClientSampleId :
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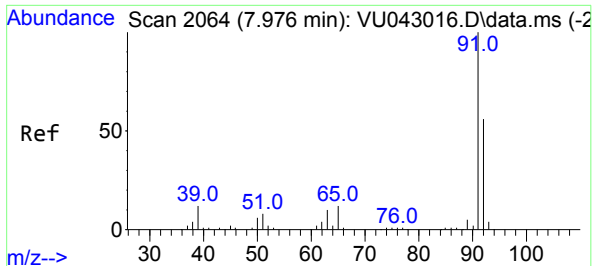
Tgt Ion: 78 Resp: 22201
Ion Ratio Lower Upper
78 100
77 24.2 19.3 28.9



#50
Toluene-d8
Concen: 47.53 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043098.D
Acq: 14 Apr 2021 16:40

Tgt Ion: 98 Resp: 322402
Ion Ratio Lower Upper
98 100
100 62.3 50.2 75.2

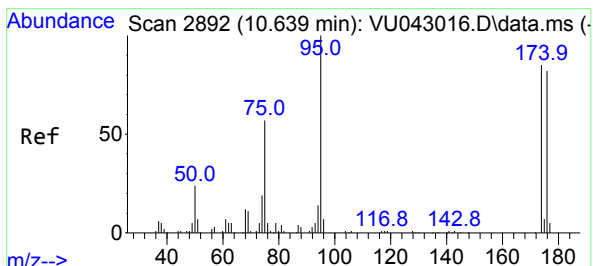
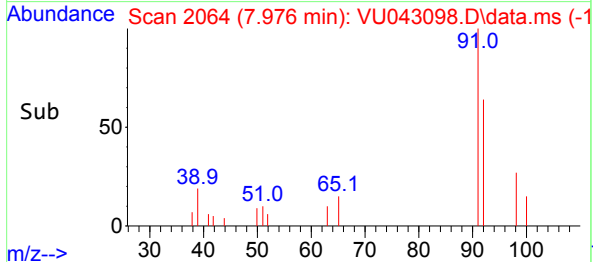
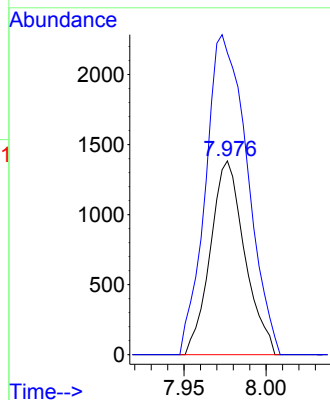
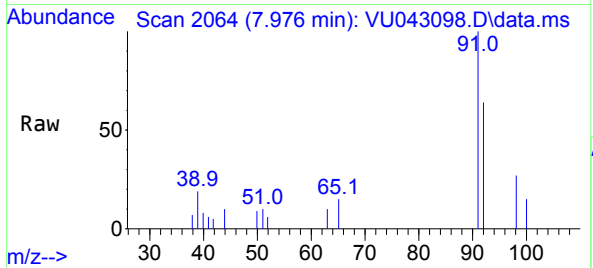




#52
Toluene
Concen: 0.42 ug/l
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043098.D
Acq: 14 Apr 2021 16:40

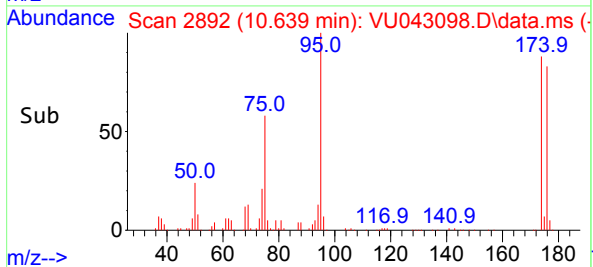
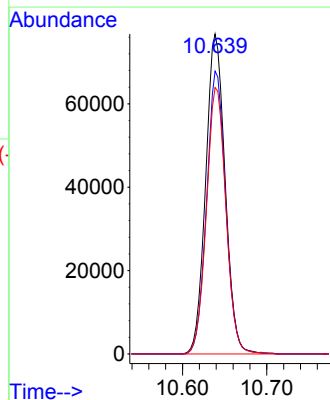
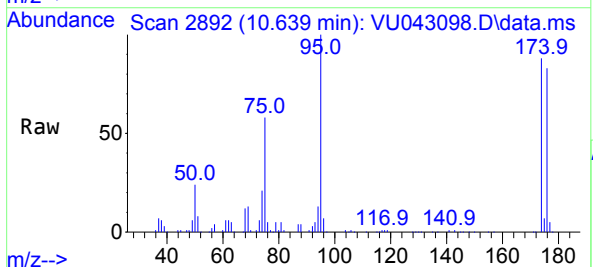
Instrument :
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105-GW-1DL

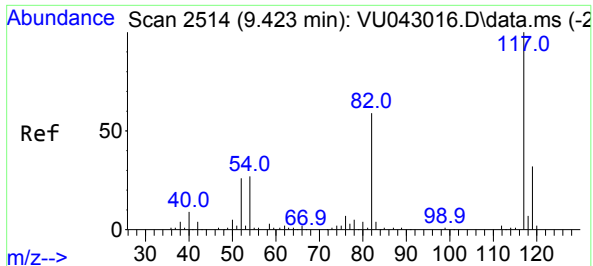
Tgt Ion: 92 Resp: 2014
Ion Ratio Lower Upper
92 100
91 200.4 140.3 210.5



#62
4-Bromofluorobenzene
Concen: 45.32 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043098.D
Acq: 14 Apr 2021 16:40

Tgt Ion: 95 Resp: 123088
Ion Ratio Lower Upper
95 100
174 87.2 0.0 172.2
176 83.6 0.0 168.8

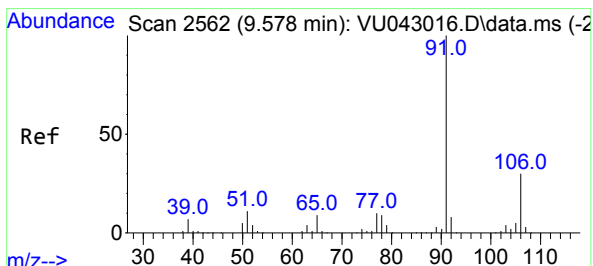
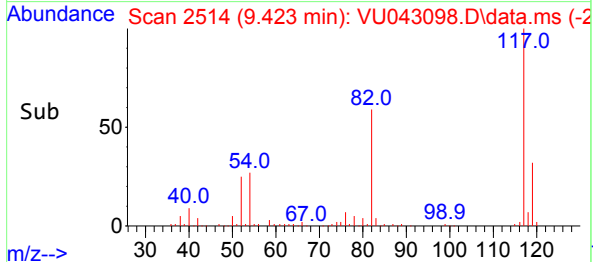
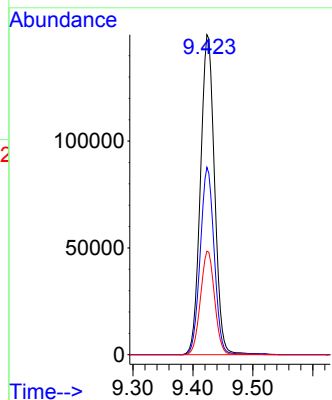
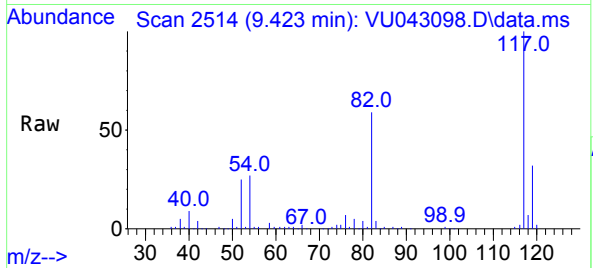




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043098.D
Acq: 14 Apr 2021 16:40

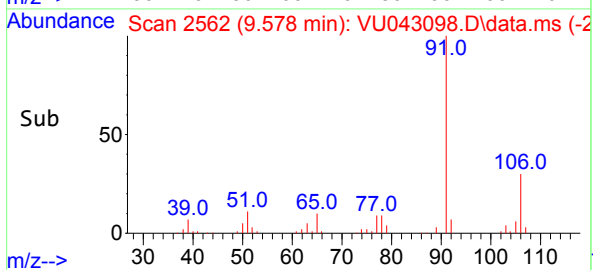
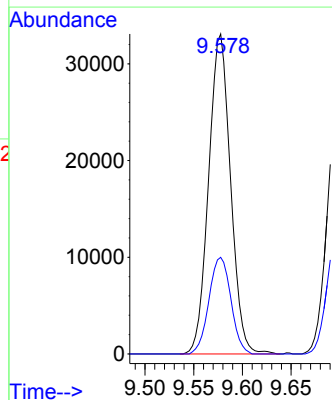
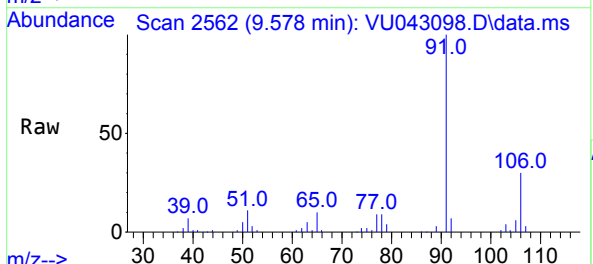
Instrument :
MSVOA_U
ClientSampleId :
105-GW-1DL

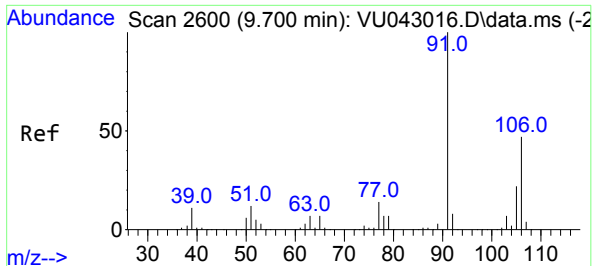
Tgt Ion:117 Resp: 246027
Ion Ratio Lower Upper
117 100
82 58.6 45.8 68.6
119 32.4 25.8 38.8



#67
Ethyl Benzene
Concen: 5.44 ug/l
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU043098.D
Acq: 14 Apr 2021 16:40

Tgt Ion: 91 Resp: 51824
Ion Ratio Lower Upper
91 100
106 30.2 24.1 36.1

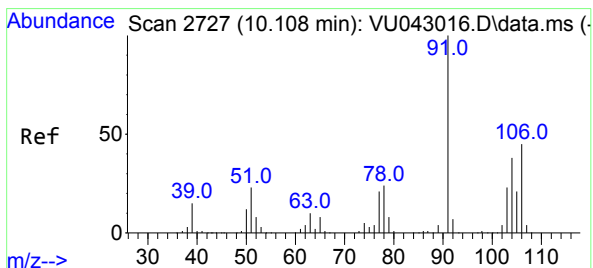
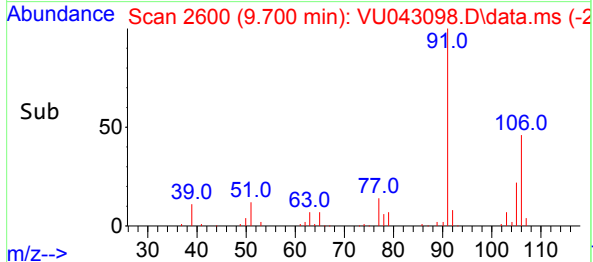
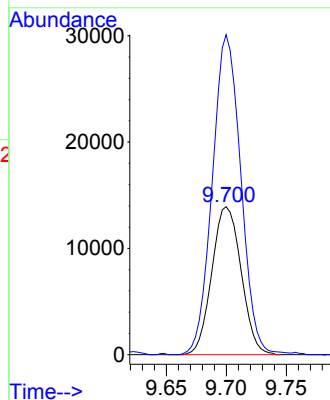
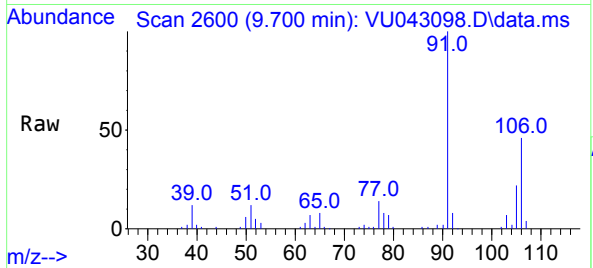




#68
m/p-Xylenes
Concen: 6.71 ug/l
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU043098.D
Acq: 14 Apr 2021 16:40

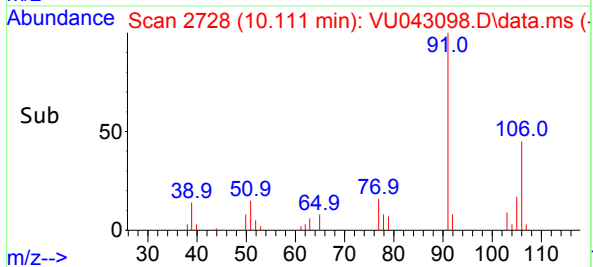
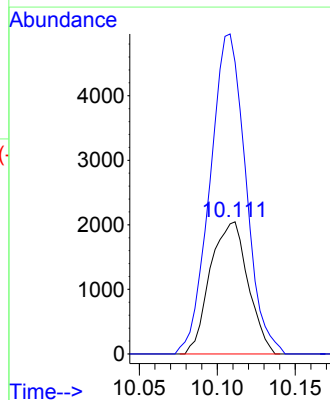
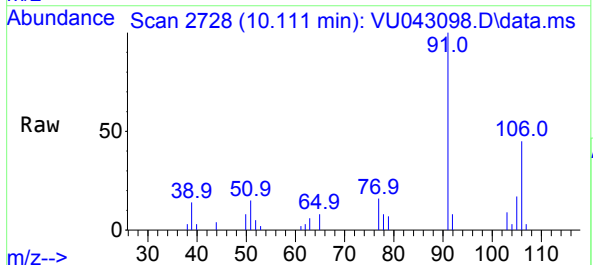
Instrument :
MSVOA_U
ClientSampleId :
105-GW-1DL

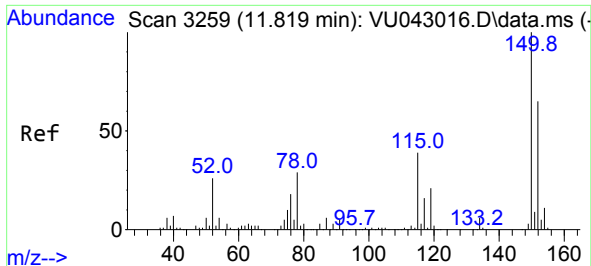
Tgt Ion:106 Resp: 23634
Ion Ratio Lower Upper
106 100
91 210.8 169.9 254.9



#69
o-Xylene
Concen: 1.00 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. 0.003 min
Lab File: VU043098.D
Acq: 14 Apr 2021 16:40

Tgt Ion:106 Resp: 3439
Ion Ratio Lower Upper
106 100
91 229.7 111.2 333.6

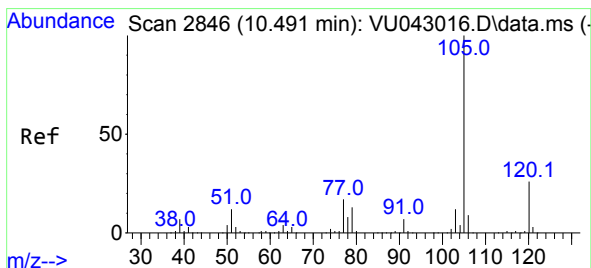
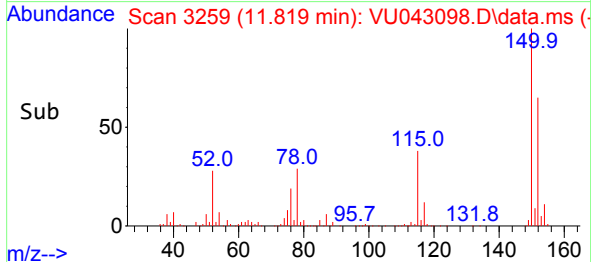
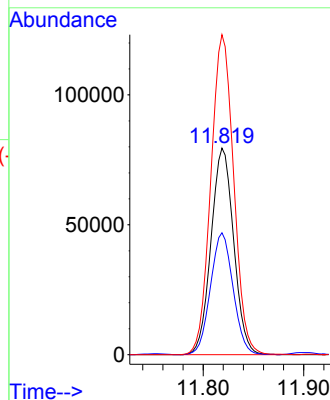
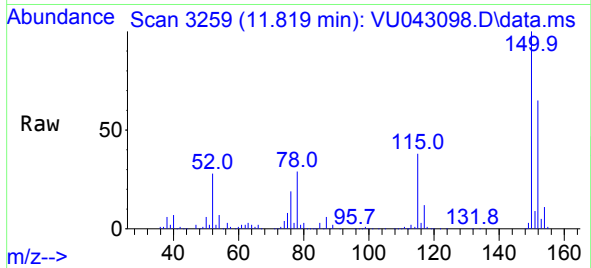




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043098.D
Acq: 14 Apr 2021 16:40

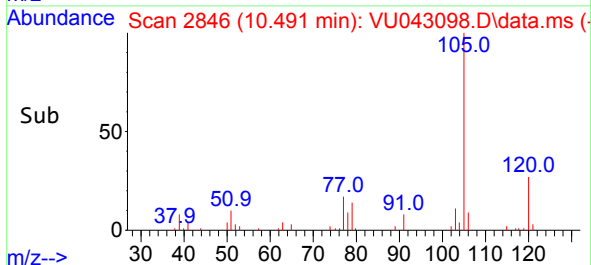
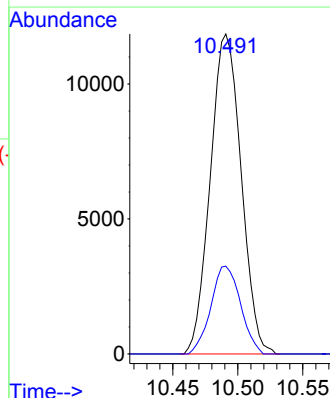
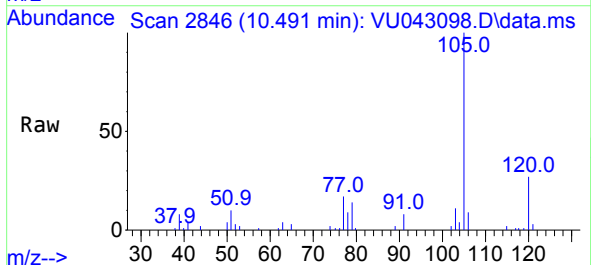
Instrument :
MSVOA_U
ClientSampled :
105-GW-1DL

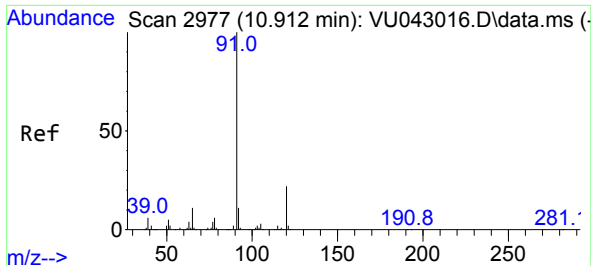
Tgt Ion:152 Resp: 124614
Ion Ratio Lower Upper
152 100
115 58.9 41.5 124.6
150 156.0 0.0 342.4



#73
Isopropylbenzene
Concen: 2.34 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU043098.D
Acq: 14 Apr 2021 16:40

Tgt Ion:105 Resp: 19570
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.3

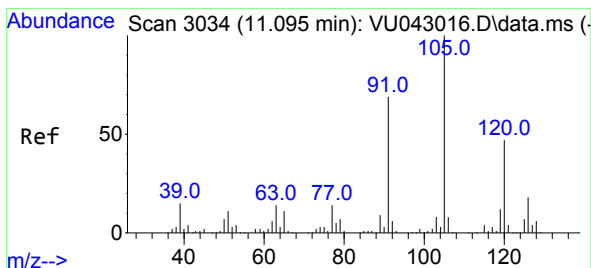
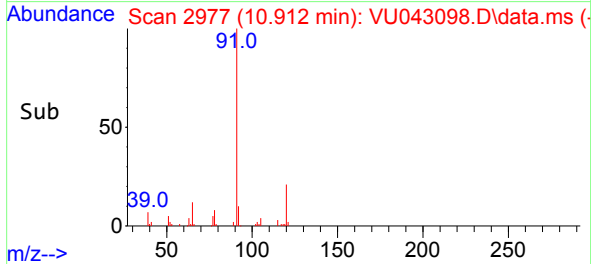
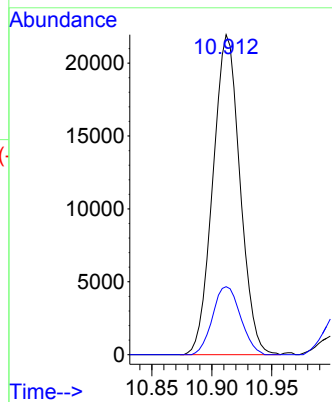
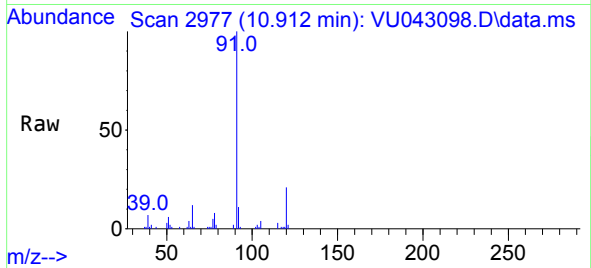




#78
n-propylbenzene
Concen: 3.44 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. -0.000 min
Lab File: VU043098.D
Acq: 14 Apr 2021 16:40

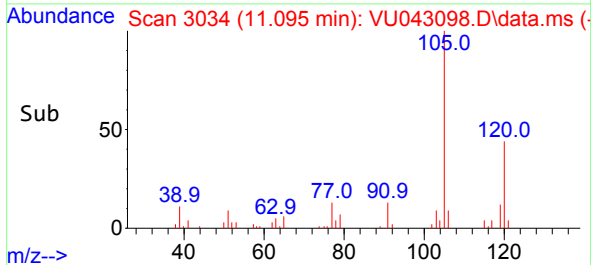
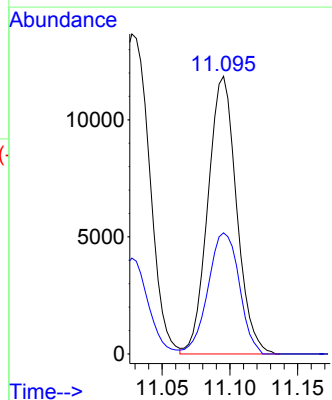
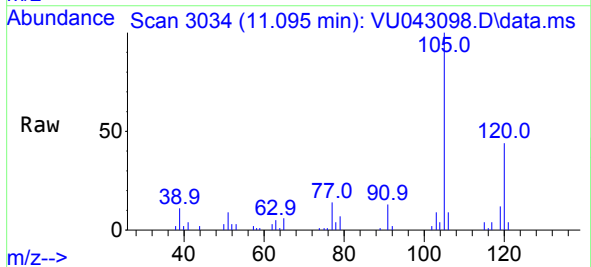
Instrument :
MSVOA_U
ClientSampled :
105-GW-1DL

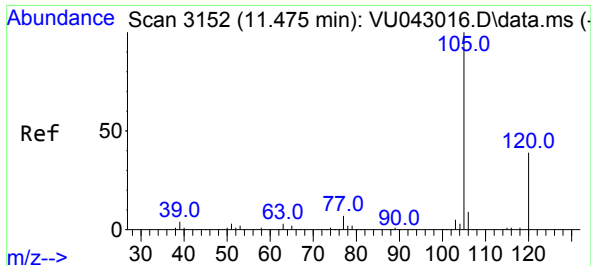
Tgt Ion: 91 Resp: 34462
Ion Ratio Lower Upper
91 100
120 21.9 11.2 33.6



#80
1,3,5-Trimethylbenzene
Concen: 2.36 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU043098.D
Acq: 14 Apr 2021 16:40

Tgt Ion:105 Resp: 17445
Ion Ratio Lower Upper
105 100
120 47.6 23.8 71.4

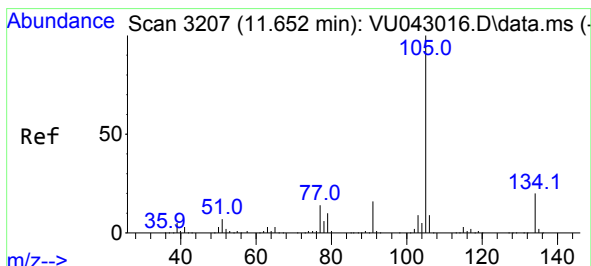
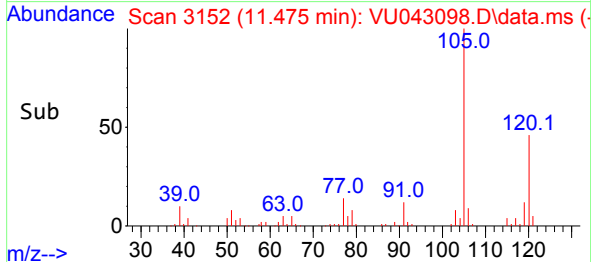
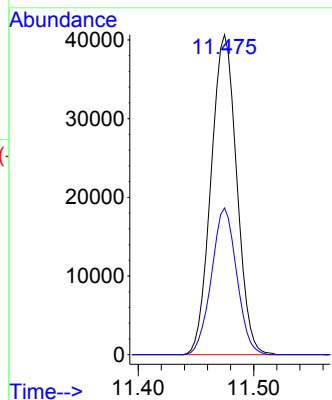
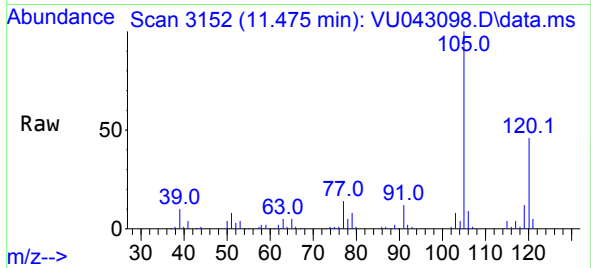




#84
1,2,4-Trimethylbenzene
Concen: 8.27 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043098.D
Acq: 14 Apr 2021 16:40

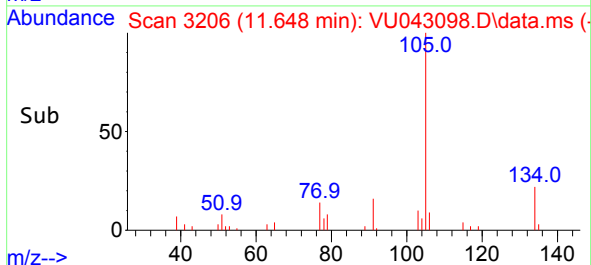
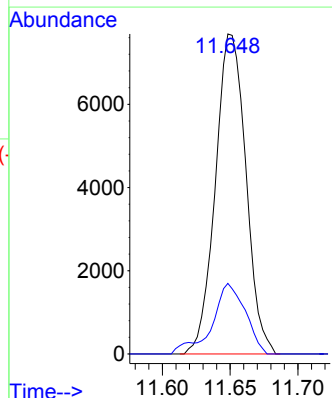
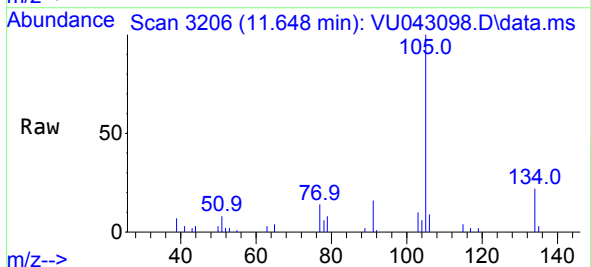
Instrument :
MSVOA_U
ClientSampleId :
105-GW-1DL

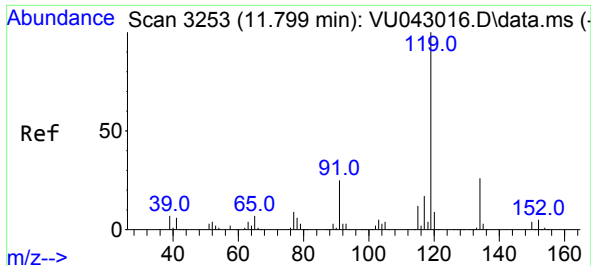
Tgt Ion:105 Resp: 62764
Ion Ratio Lower Upper
105 100
120 45.1 22.3 66.8



#85
sec-Butylbenzene
Concen: 1.42 ug/l
RT: 11.648 min Scan# 3206
Delta R.T. -0.004 min
Lab File: VU043098.D
Acq: 14 Apr 2021 16:40

Tgt Ion:105 Resp: 12045
Ion Ratio Lower Upper
105 100
134 23.9 10.0 30.0

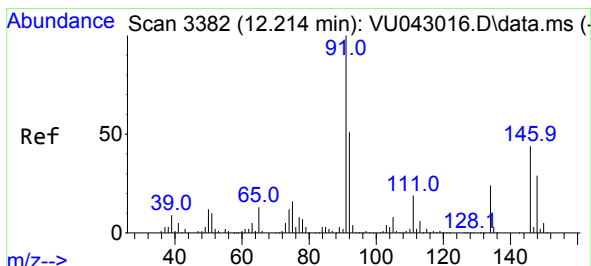
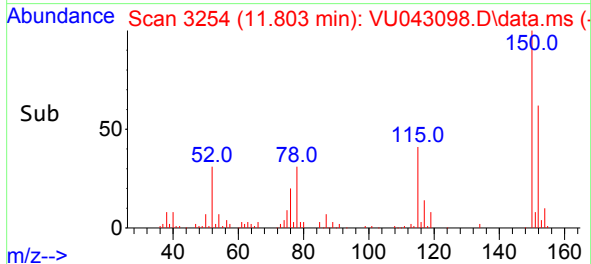
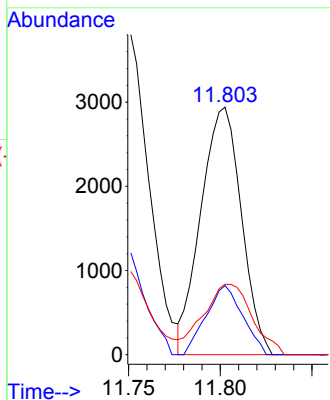
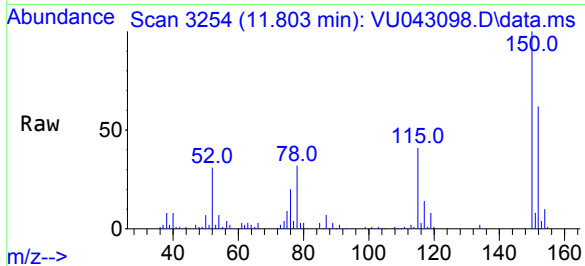




#86
p-Isopropyltoluene
Concen: 0.58 ug/l
RT: 11.803 min Scan# 3254
Delta R.T. 0.004 min
Lab File: VU043098.D
Acq: 14 Apr 2021 16:40

Instrument :
MSVOA_U
ClientSampleId :
105-GW-1DL

Tgt Ion: 119 Resp: 4522
Ion Ratio Lower Upper
119 100
134 25.1 13.2 39.6
91 34.5 12.8 38.3



#89
n-Butylbenzene
Concen: 1.54 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU043098.D
Acq: 14 Apr 2021 16:40

Tgt Ion: 91 Resp: 11266
Ion Ratio Lower Upper
91 100
92 34.0 26.2 78.6
134 73.8 12.7 38.1#

