

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050721\
 Data File : VU043613.D
 Acq On : 07 May 2021 15:31
 Operator : SY/MD
 Sample : M2304-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 OWL-C4-GW

Quant Time: May 08 01:09:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 06 07:26:23 2021
 Response via : Initial Calibration

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

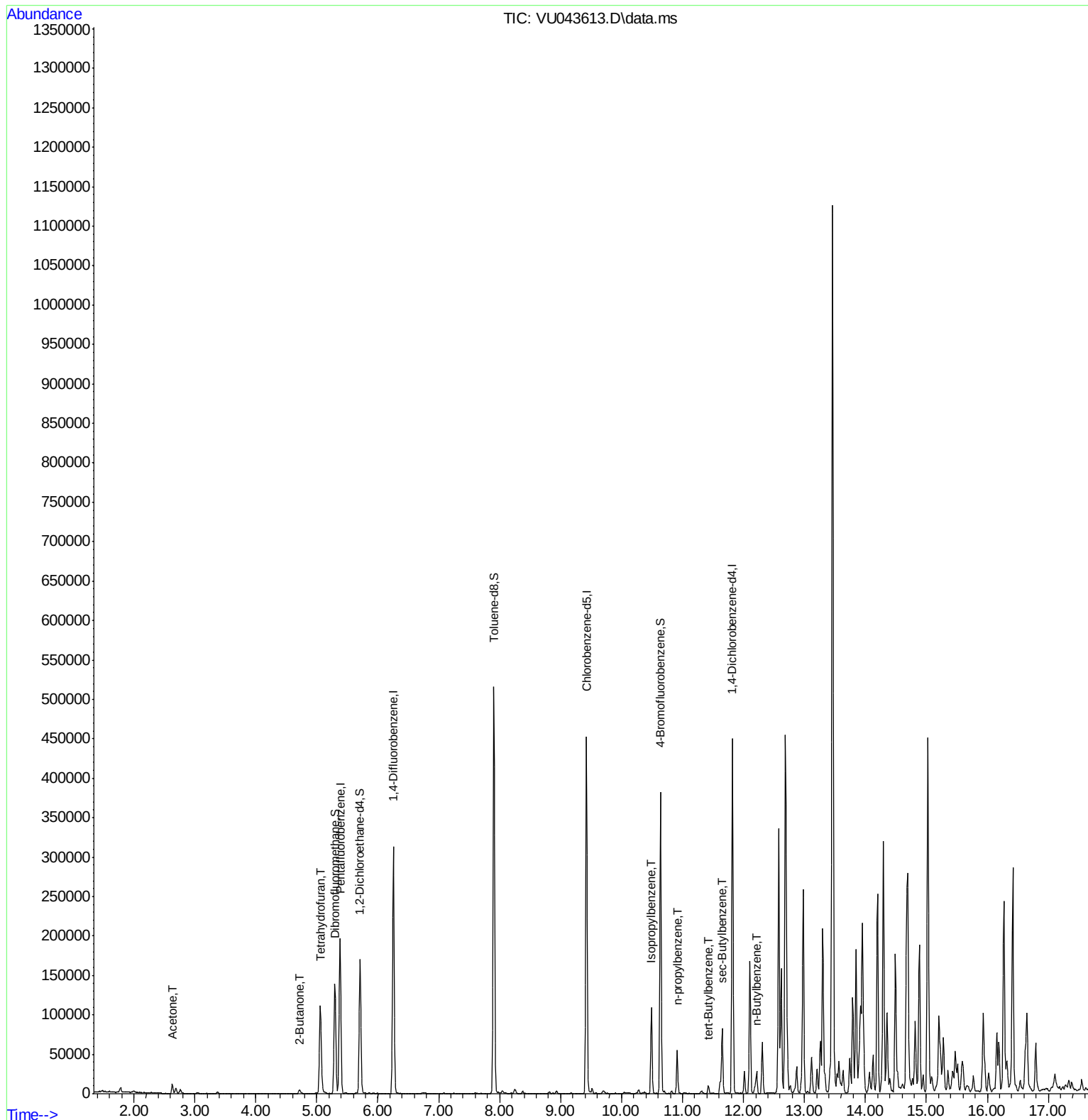
Internal Standards						
1) Pentafluorobenzene	5.382	168	128208	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	223874	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	220140	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	104236	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	128181	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
35) Dibromofluoromethane	5.295	113	86126	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
50) Toluene-d8	7.906	98	309722	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
62) 4-Bromofluorobenzene	10.639	95	115509	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	
Target Compounds						
						Qvalue
16) Acetone	2.629	43	13661	9.48	ug/l	94
25) 2-Butanone	4.716	43	7953	3.58	ug/l	94
29) Tetrahydrofuran	5.057	42	77465	61.42	ug/l	99
73) Isopropylbenzene	10.491	105	61772	8.27	ug/l	99
78) n-propylbenzene	10.912	91	41011	4.49	ug/l	99
83) tert-Butylbenzene	11.426	119	4689	0.75	ug/l	90
85) sec-Butylbenzene	11.648	105	50227	7.10	ug/l	98
89) n-Butylbenzene	12.214	91	14980	4.51	ug/l	96

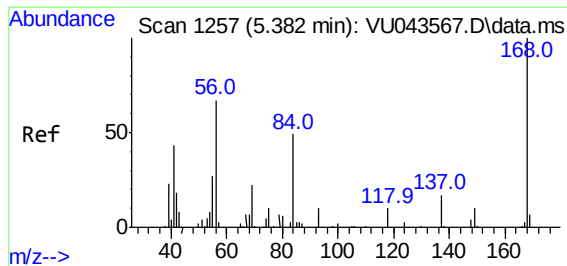
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 08 01:09:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
Quant Title : SW846 8260
QLast Update : Thu May 06 07:26:23 2021
Response via : Initial Calibration

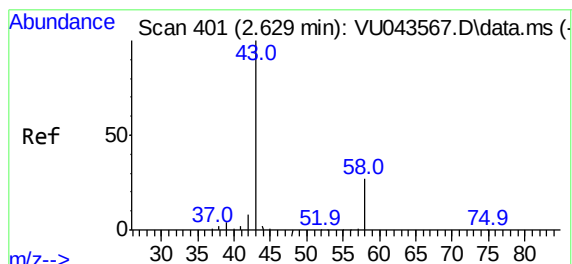
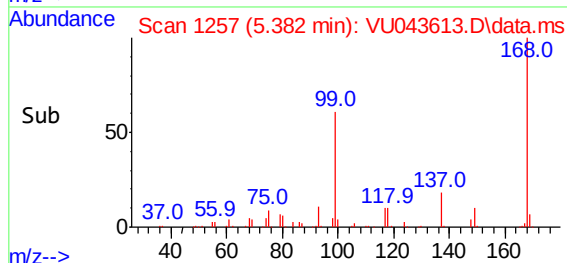
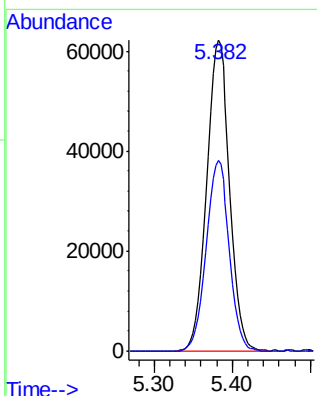
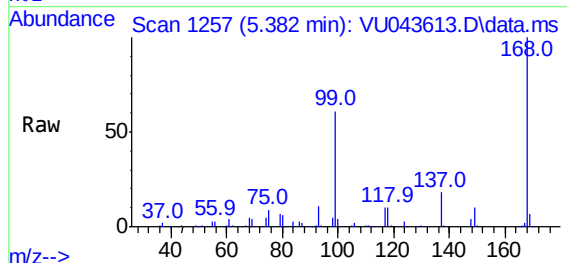




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043613.D
Acq: 07 May 2021 15:31

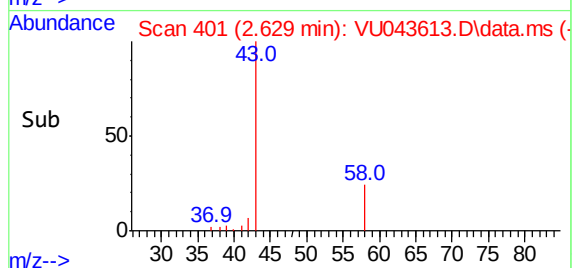
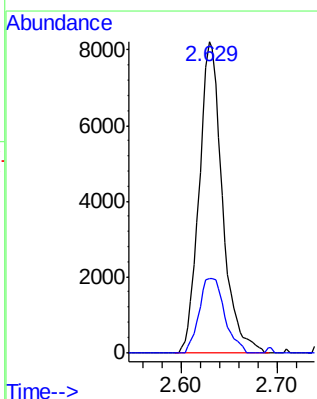
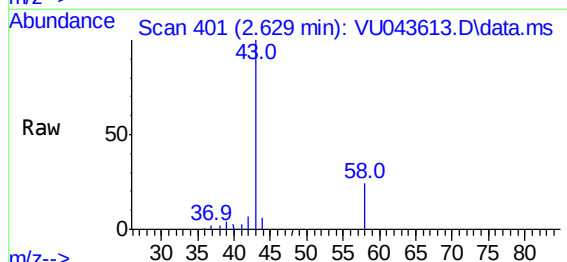
Instrument :
MSVOA_U
ClientSampleId :
OWL-C4-GW

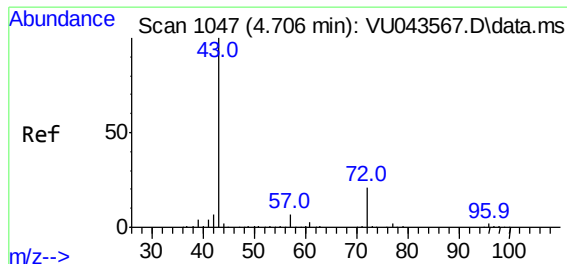
Tgt Ion:168 Resp: 128208
Ion Ratio Lower Upper
168 100
99 61.3 49.0 73.6



#16
Acetone
Concen: 9.48 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.000 min
Lab File: VU043613.D
Acq: 07 May 2021 15:31

Tgt Ion: 43 Resp: 13661
Ion Ratio Lower Upper
43 100
58 23.8 21.7 32.5

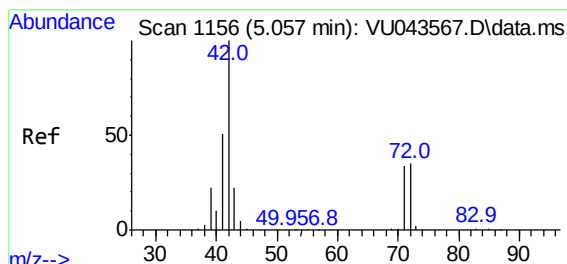
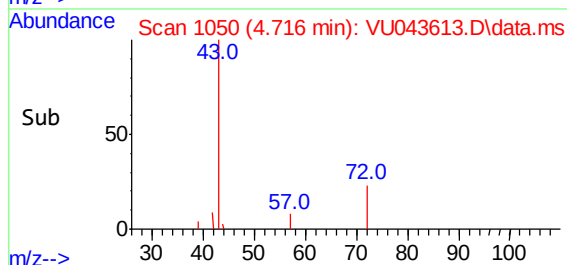
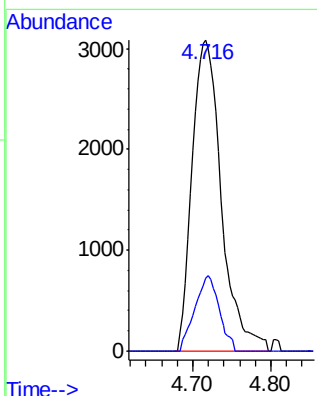
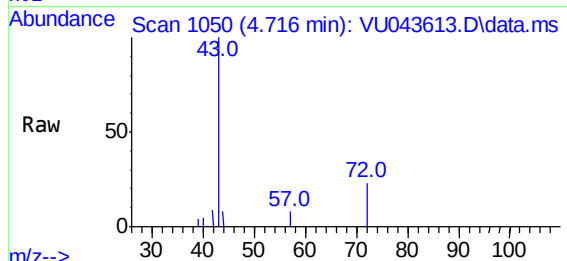




#25
2-Butanone
Concen: 3.58 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. 0.010 min
Lab File: VU043613.D
Acq: 07 May 2021 15:31

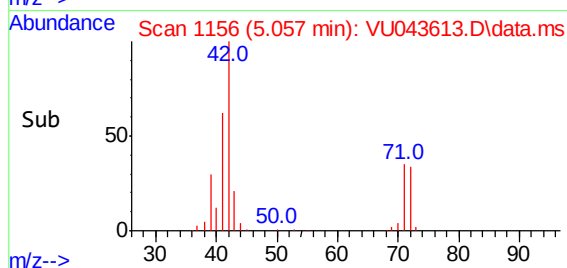
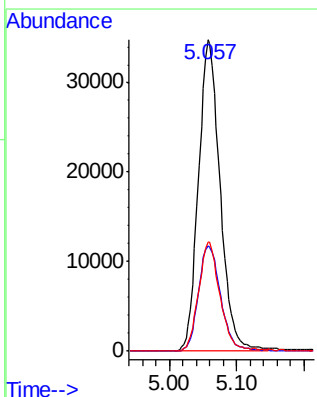
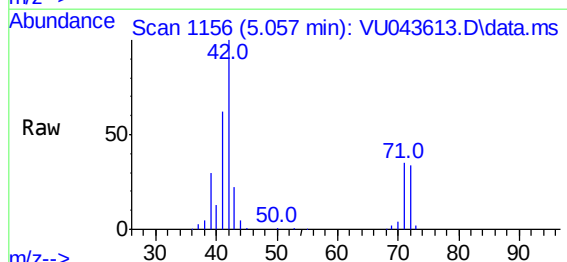
Instrument :
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ClientSampleId :
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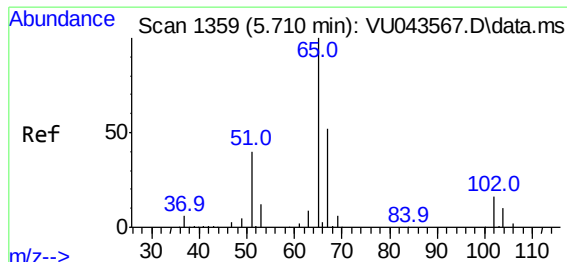
Tgt Ion: 43 Resp: 7953
Ion Ratio Lower Upper
43 100
72 23.3 16.5 24.7



#29
Tetrahydrofuran
Concen: 61.42 ug/l
RT: 5.057 min Scan# 1156
Delta R.T. -0.000 min
Lab File: VU043613.D
Acq: 07 May 2021 15:31

Tgt Ion: 42 Resp: 77465
Ion Ratio Lower Upper
42 100
72 34.2 28.5 42.7
71 34.0 27.4 41.2

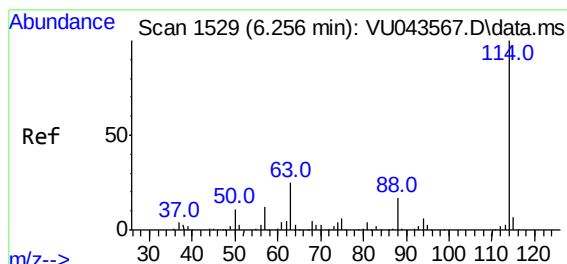
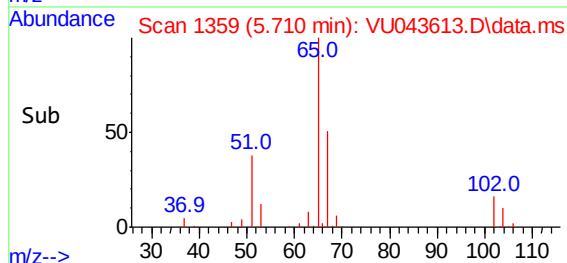
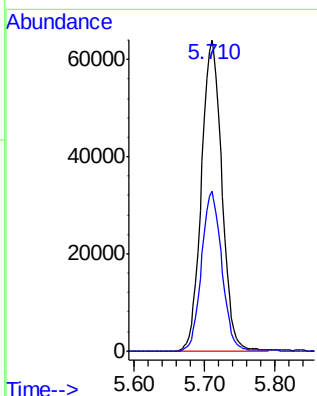
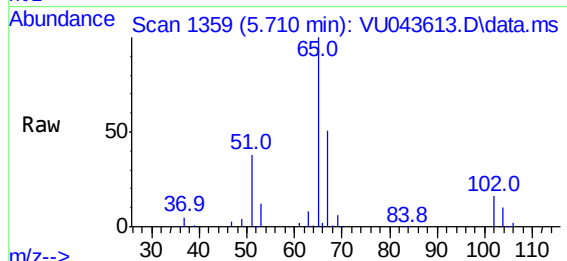




#33
 1,2-Dichloroethane-d4
 Concen: 49.39 ug/l
 RT: 5.710 min Scan# 1359
 Delta R.T. -0.000 min
 Lab File: VU043613.D
 Acq: 07 May 2021 15:31

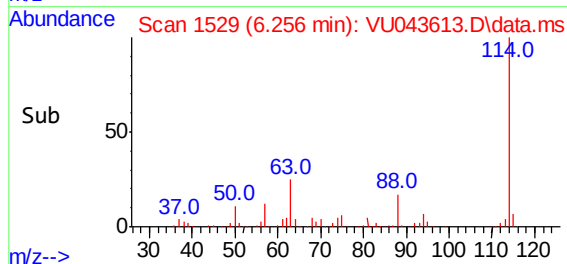
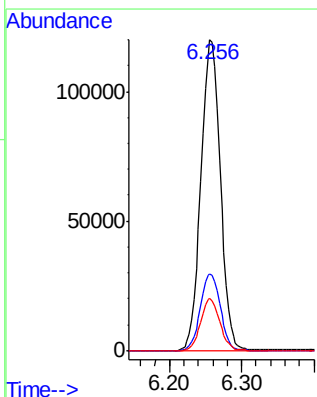
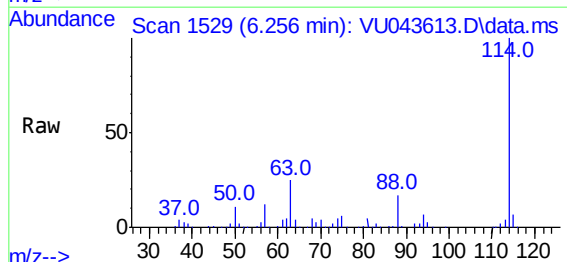
Instrument :
 MSVOA_U
 ClientSampleId :
 OWL-C4-GW

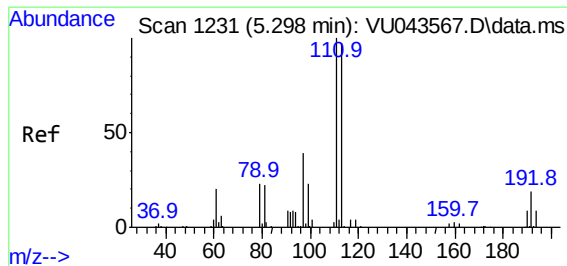
Tgt Ion: 65 Resp: 128181
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.256 min Scan# 1529
 Delta R.T. -0.000 min
 Lab File: VU043613.D
 Acq: 07 May 2021 15:31

Tgt Ion:114 Resp: 223874
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 50.2
 88 16.8 0.0 33.8

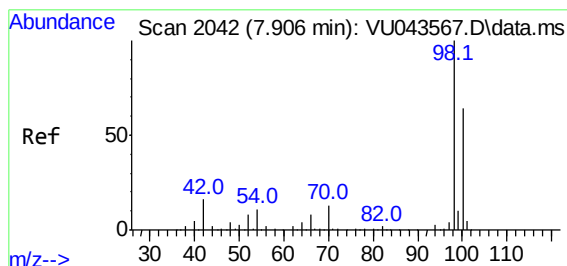
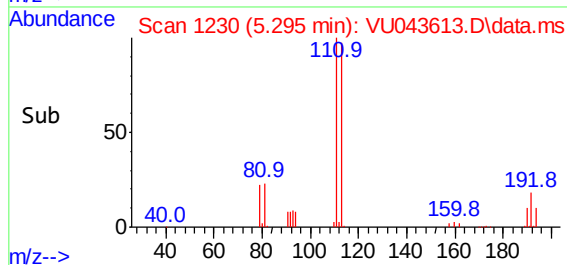
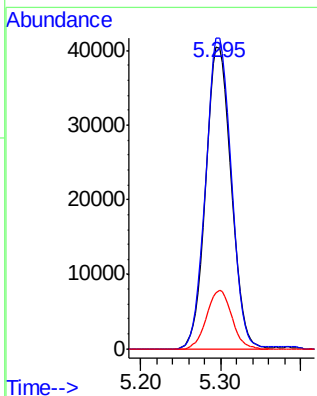
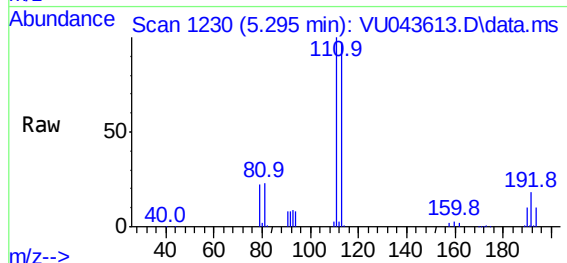




#35
Dibromofluoromethane
Concen: 48.24 ug/l
RT: 5.295 min Scan# 1230
Delta R.T. -0.003 min
Lab File: VU043613.D
Acq: 07 May 2021 15:31

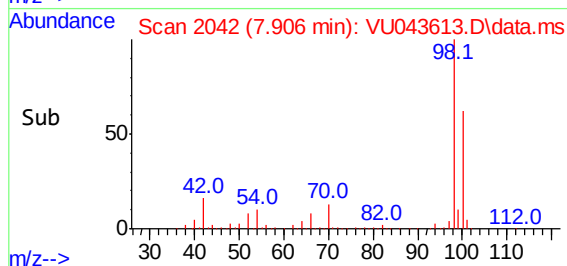
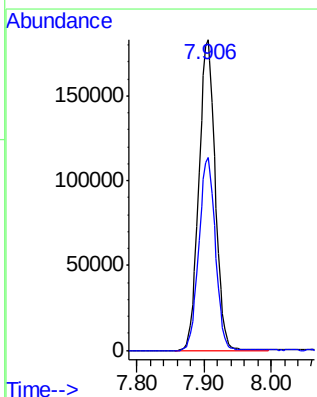
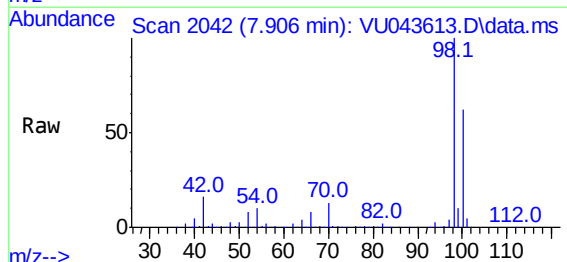
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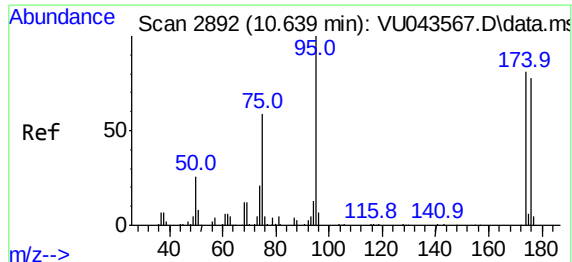
Tgt Ion:113 Resp: 86126
Ion Ratio Lower Upper
113 100
111 103.1 82.3 123.5
192 19.0 15.8 23.6



#50
Toluene-d8
Concen: 48.93 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043613.D
Acq: 07 May 2021 15:31

Tgt Ion: 98 Resp: 309722
Ion Ratio Lower Upper
98 100
100 62.7 50.5 75.7

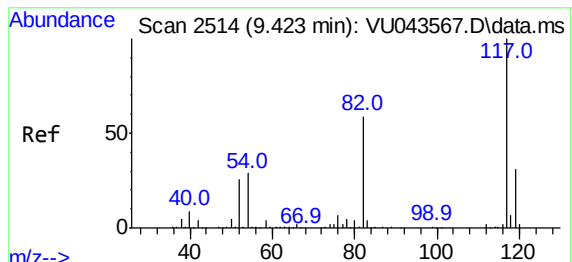
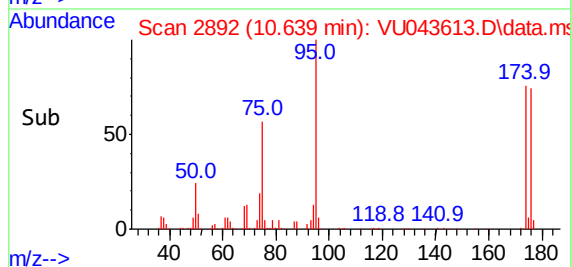
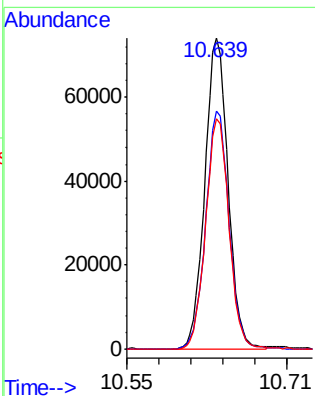
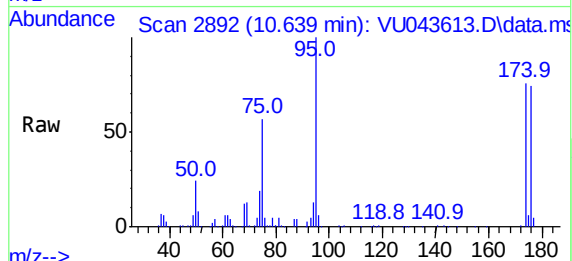




#62
4-Bromofluorobenzene
Concen: 47.96 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043613.D
Acq: 07 May 2021 15:31

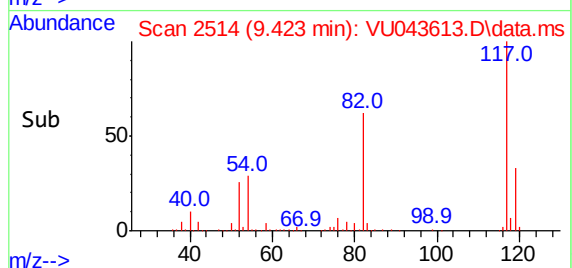
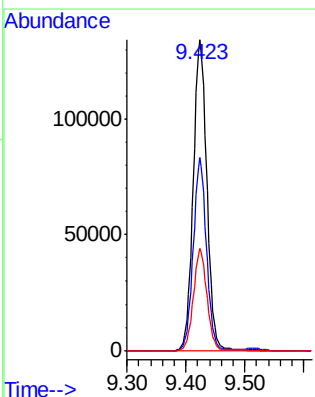
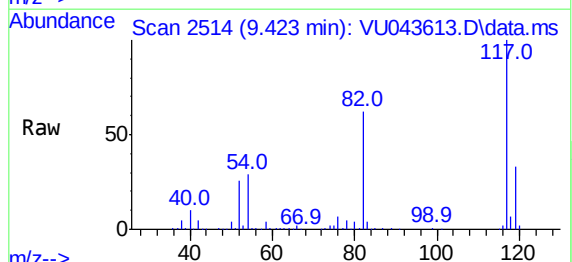
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ClientSampleId :
OWL-C4-GW

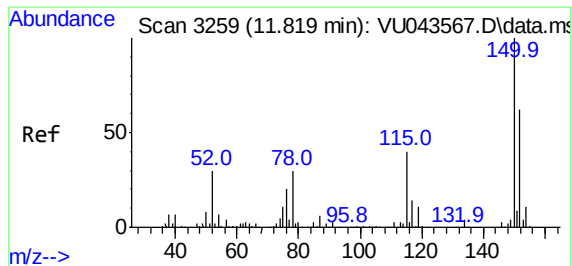
Tgt Ion: 95 Resp: 115509
Ion Ratio Lower Upper
95 100
174 76.9 0.0 158.8
176 74.5 0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043613.D
Acq: 07 May 2021 15:31

Tgt Ion: 117 Resp: 220140
Ion Ratio Lower Upper
117 100
82 62.1 47.5 71.3
119 32.8 24.7 37.1

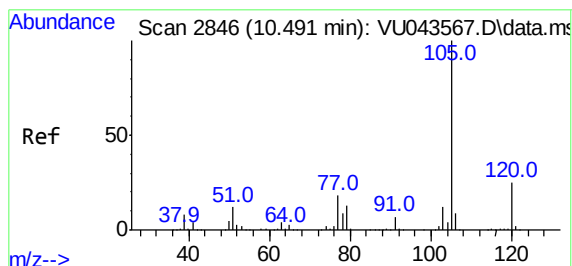
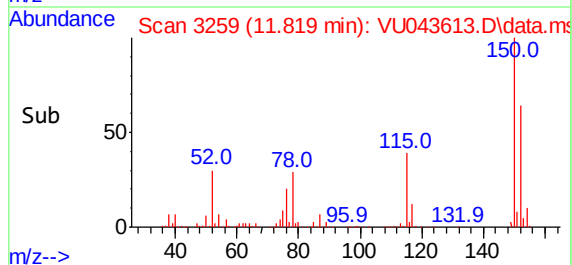
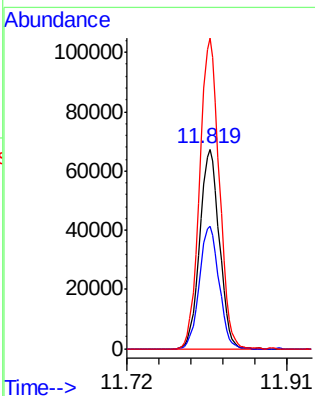
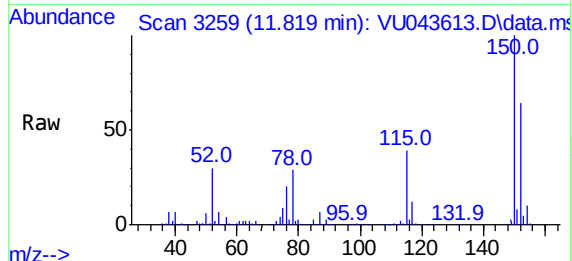




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043613.D
Acq: 07 May 2021 15:31

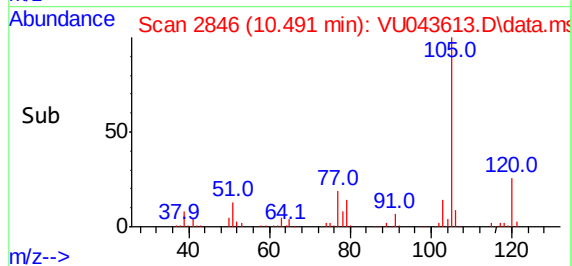
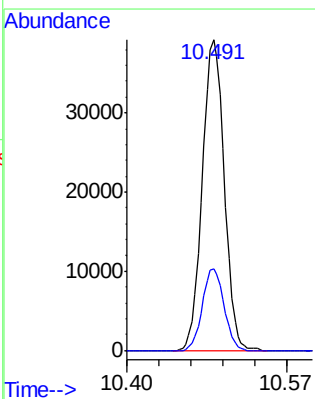
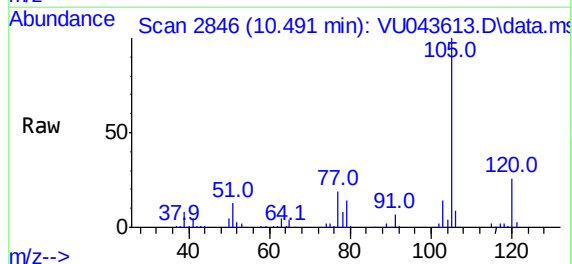
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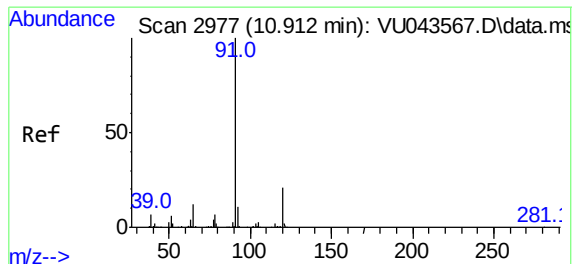
Tgt Ion:152 Resp: 104236
Ion Ratio Lower Upper
152 100
115 61.6 46.1 138.3
150 155.9 0.0 361.0



#73
Isopropylbenzene
Concen: 8.27 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU043613.D
Acq: 07 May 2021 15:31

Tgt Ion:105 Resp: 61772
Ion Ratio Lower Upper
105 100
120 25.8 12.6 37.6

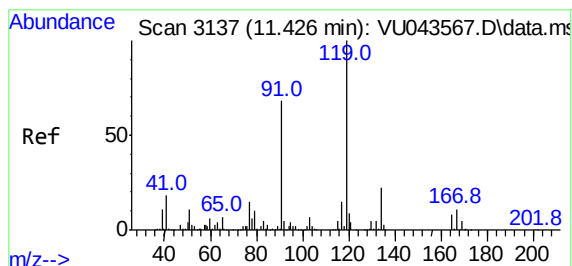
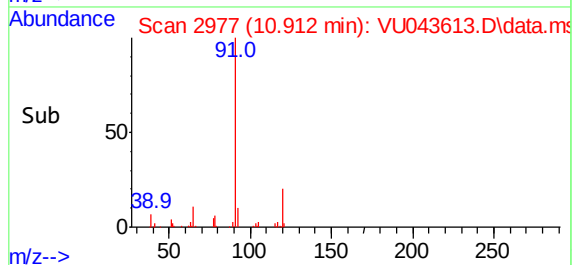
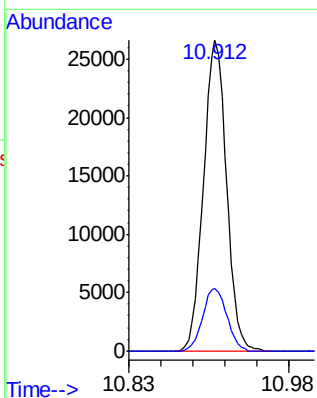
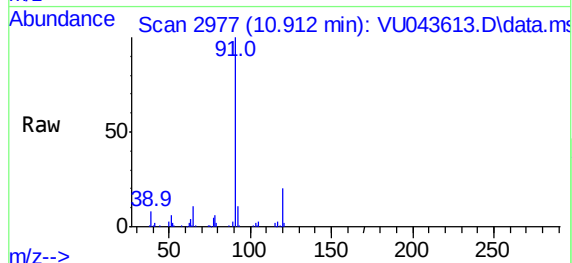




#78
n-propylbenzene
Concen: 4.49 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. -0.000 min
Lab File: VU043613.D
Acq: 07 May 2021 15:31

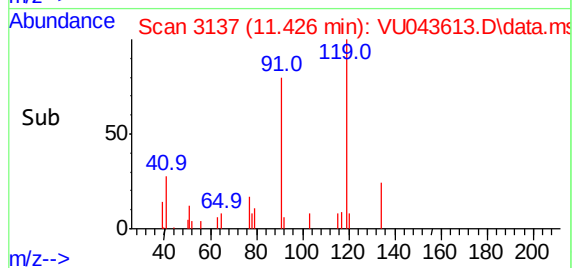
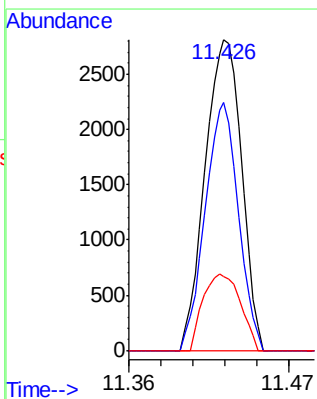
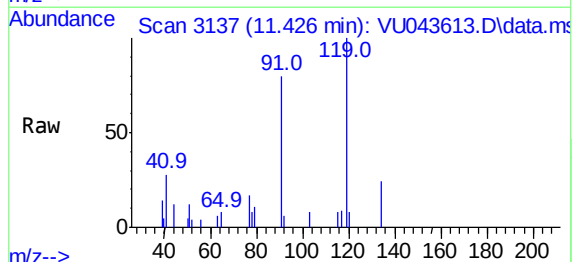
Instrument :
MSVOA_U
ClientSampleId :
OWL-C4-GW

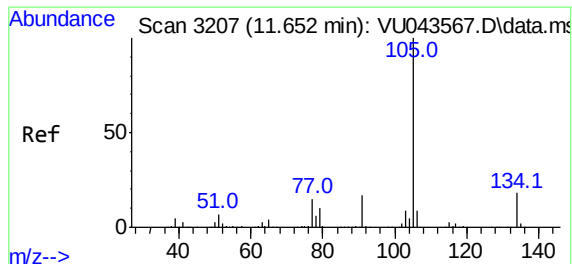
Tgt Ion: 91 Resp: 41011
Ion Ratio Lower Upper
91 100
120 21.1 10.4 31.2



#83
tert-Butylbenzene
Concen: 0.75 ug/l
RT: 11.426 min Scan# 3137
Delta R.T. -0.000 min
Lab File: VU043613.D
Acq: 07 May 2021 15:31

Tgt Ion: 119 Resp: 4689
Ion Ratio Lower Upper
119 100
91 72.7 32.0 96.0
134 25.2 10.9 32.9

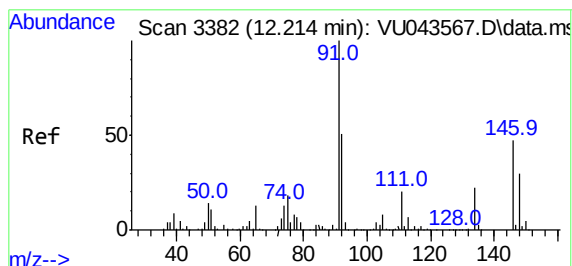
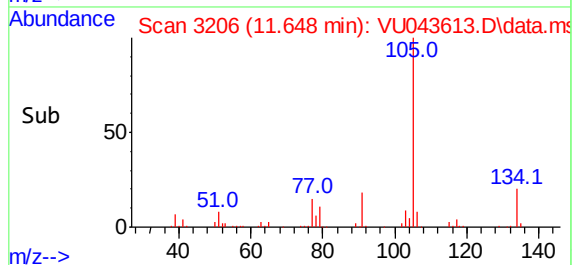
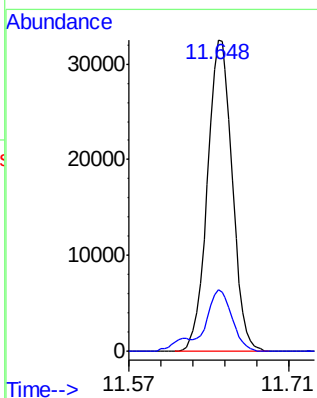
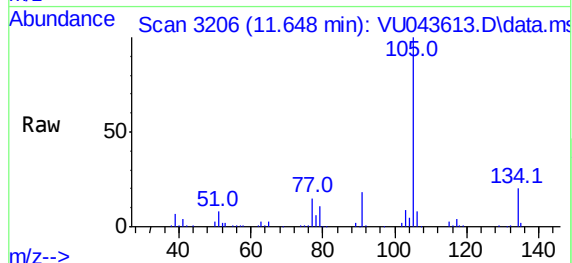




#85
 sec-Butylbenzene
 Concen: 7.10 ug/l
 RT: 11.648 min Scan# 3206
 Delta R.T. -0.004 min
 Lab File: VU043613.D
 Acq: 07 May 2021 15:31

Instrument :
 MSVOA_U
 ClientSampleId :
 OWL-C4-GW

Tgt Ion:105 Resp: 50227
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.2 27.6



#89
 n-Butylbenzene
 Concen: 4.51 ug/l
 RT: 12.214 min Scan# 3382
 Delta R.T. 0.000 min
 Lab File: VU043613.D
 Acq: 07 May 2021 15:31

Tgt Ion: 91 Resp: 14980
 Ion Ratio Lower Upper
 91 100
 92 47.6 25.4 76.2
 134 23.5 11.3 33.9

