

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050721\
 Data File : VU043614.D
 Acq On : 07 May 2021 15:54
 Operator : SY/MD
 Sample : M2304-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 OWL-C5-GW

Quant Time: May 08 01:10:12 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)

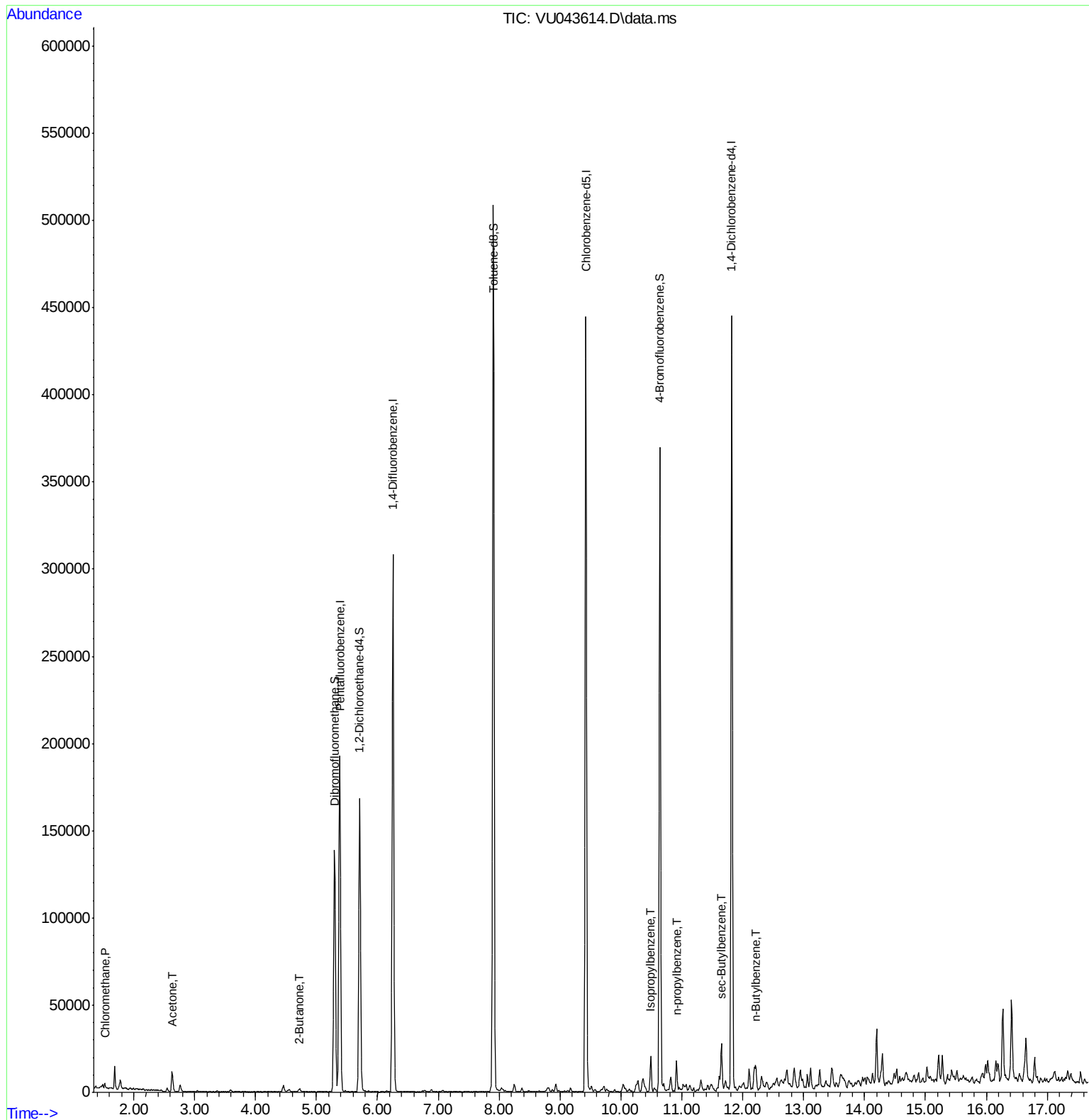
Internal Standards						
1) Pentafluorobenzene	5.382	168	125754	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	224492	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	220111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	103611	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	128422	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
35) Dibromofluoromethane	5.298	113	85590	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
50) Toluene-d8	7.906	98	308761	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
62) 4-Bromofluorobenzene	10.639	95	114106	47.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.50%	
Target Compounds						
						Qvalue
3) Chloromethane	1.523	50	1796	1.12	ug/l	95
16) Acetone	2.629	43	13564	9.60	ug/l	98
25) 2-Butanone	4.716	43	3400	1.56	ug/l	95
73) Isopropylbenzene	10.491	105	11748	1.58	ug/l	99
78) n-propylbenzene	10.912	91	13556	1.49	ug/l	98
85) sec-Butylbenzene	11.651	105	14346	2.99	ug/l	94
89) n-Butylbenzene	12.217	91	5801	3.30	ug/l	95

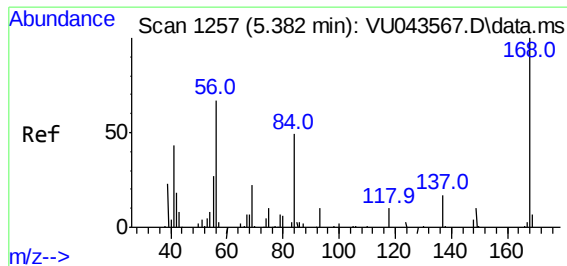
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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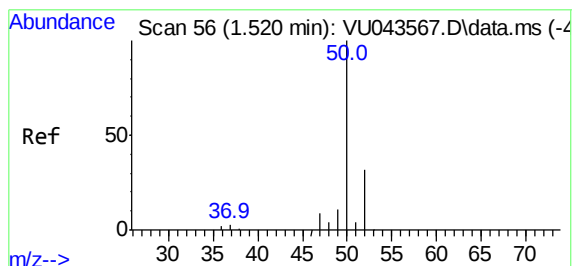
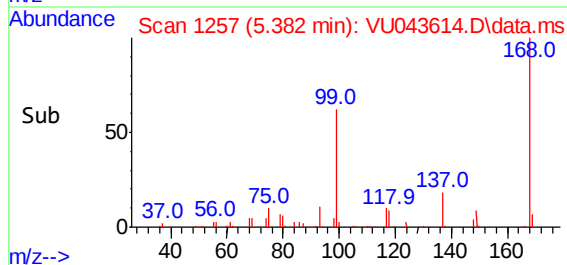
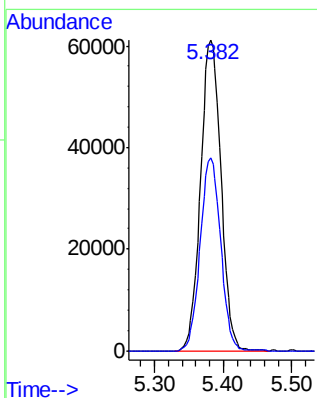
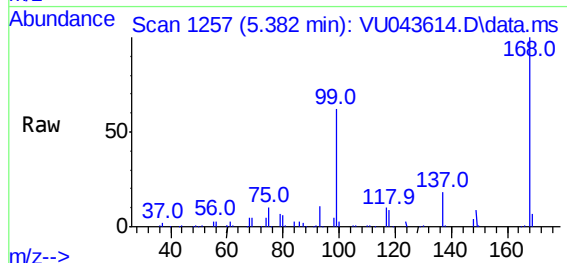




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043614.D
Acq: 07 May 2021 15:54

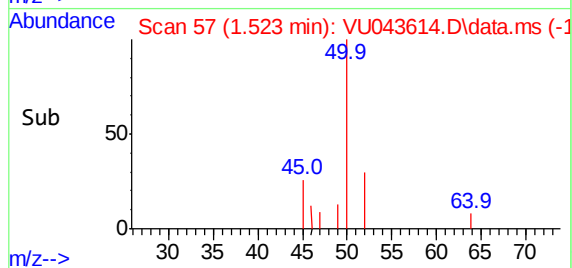
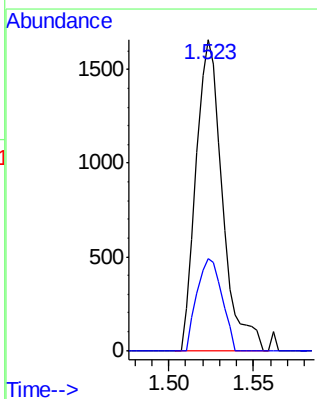
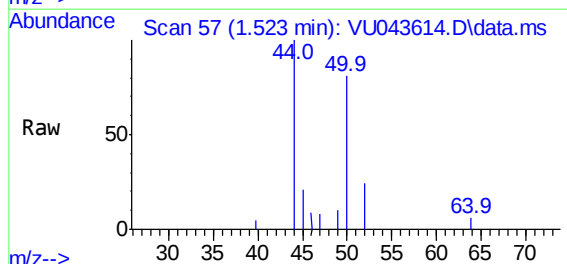
Instrument :
MSVOA_U
ClientSampleId :
OWL-C5-GW

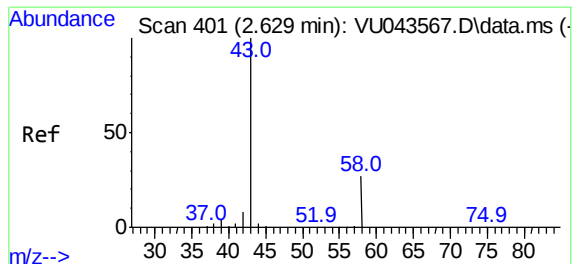
Tgt Ion:168 Resp: 125754
Ion Ratio Lower Upper
168 100
99 61.9 49.0 73.6



#3
Chloromethane
Concen: 1.12 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043614.D
Acq: 07 May 2021 15:54

Tgt Ion: 50 Resp: 1796
Ion Ratio Lower Upper
50 100
52 29.5 25.9 38.9

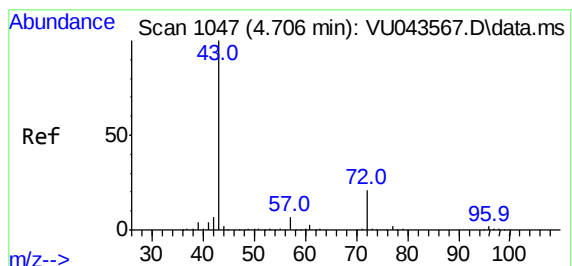
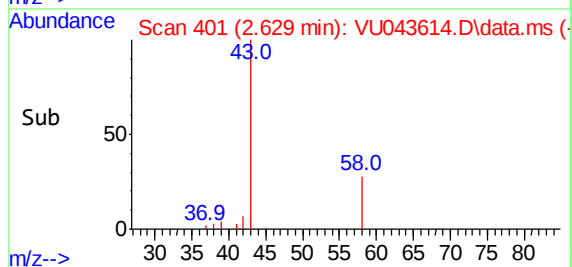
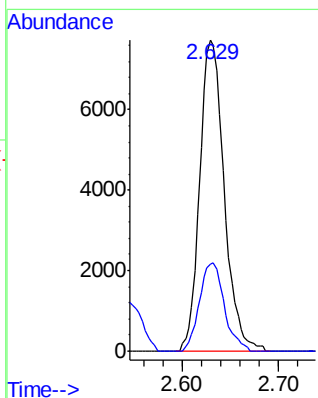
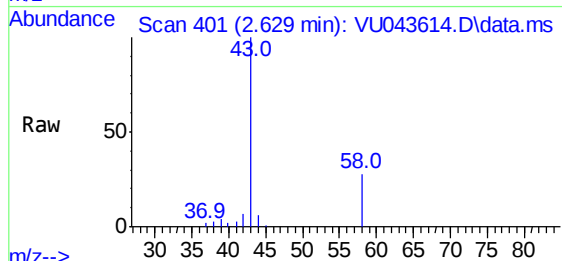




#16
Acetone
Concen: 9.60 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.000 min
Lab File: VU043614.D
Acq: 07 May 2021 15:54

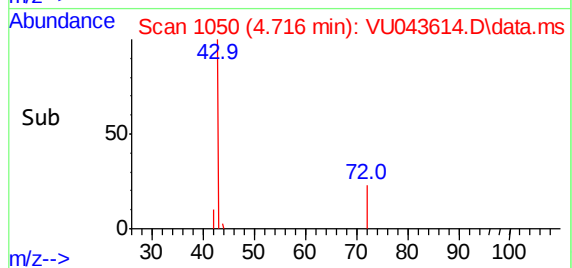
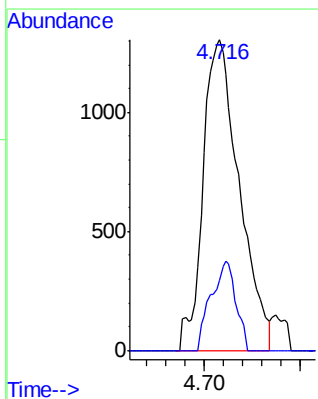
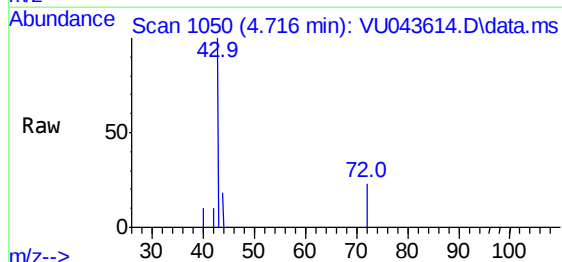
Instrument :
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ClientSampleId :
OWL-C5-GW

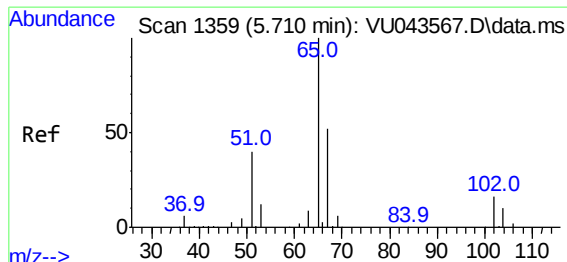
Tgt Ion: 43 Resp: 13564
Ion Ratio Lower Upper
43 100
58 28.1 21.7 32.5



#25
2-Butanone
Concen: 1.56 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. 0.010 min
Lab File: VU043614.D
Acq: 07 May 2021 15:54

Tgt Ion: 43 Resp: 3400
Ion Ratio Lower Upper
43 100
72 22.8 16.5 24.7

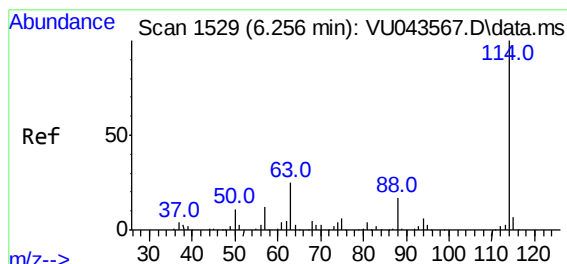
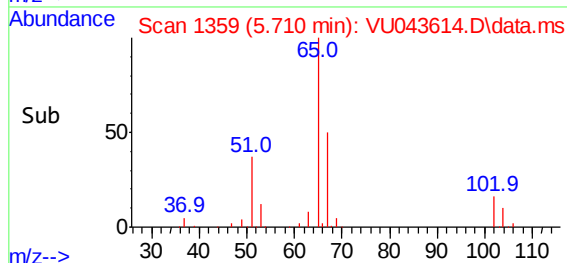
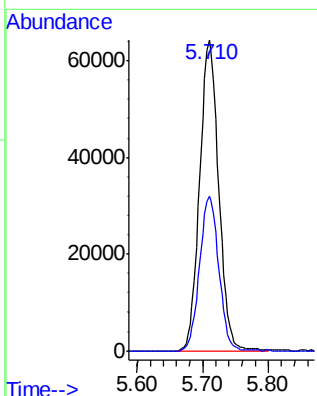
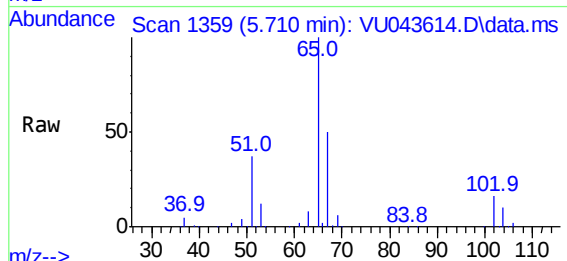




#33
 1,2-Dichloroethane-d4
 Concen: 50.45 ug/l
 RT: 5.710 min Scan# 1359
 Delta R.T. -0.000 min
 Lab File: VU043614.D
 Acq: 07 May 2021 15:54

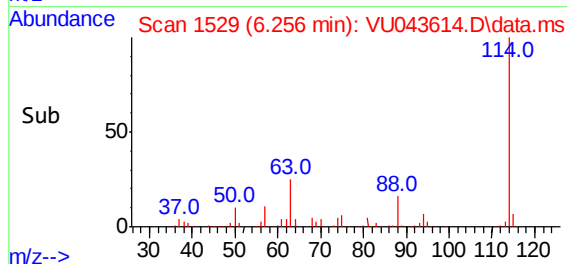
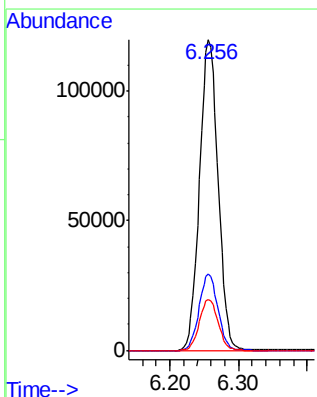
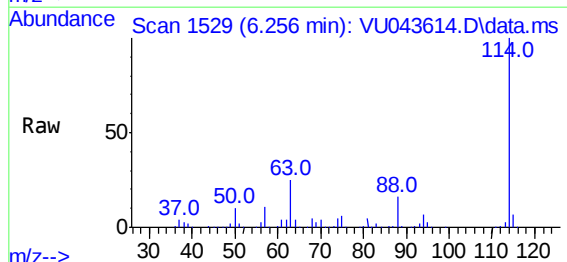
Instrument :
 MSVOA_U
 ClientSampleId :
 OWL-C5-GW

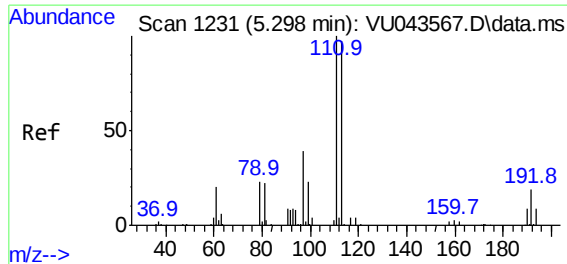
Tgt Ion: 65 Resp: 128422
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.256 min Scan# 1529
 Delta R.T. -0.000 min
 Lab File: VU043614.D
 Acq: 07 May 2021 15:54

Tgt Ion:114 Resp: 224492
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 50.2
 88 16.4 0.0 33.8

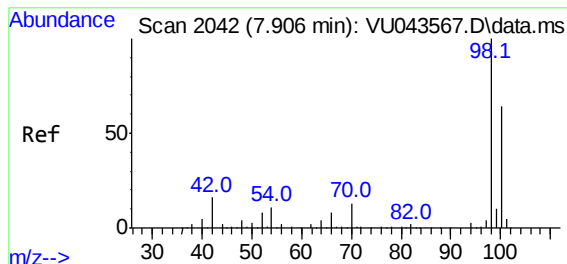
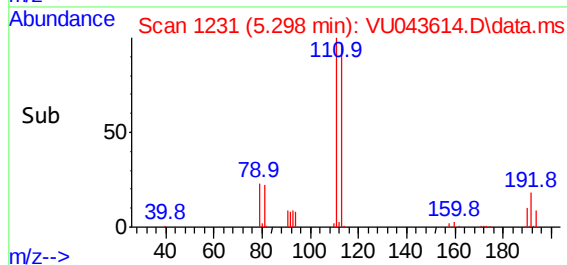
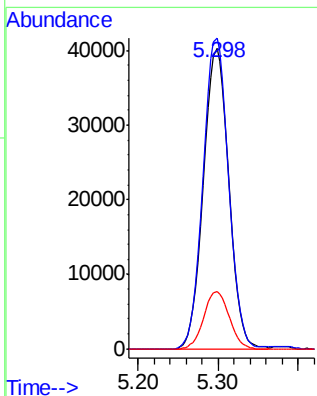
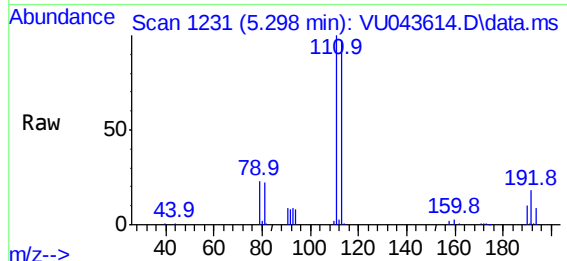




#35
Dibromofluoromethane
Concen: 47.81 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU043614.D
Acq: 07 May 2021 15:54

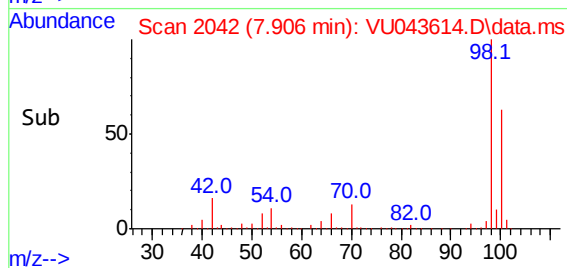
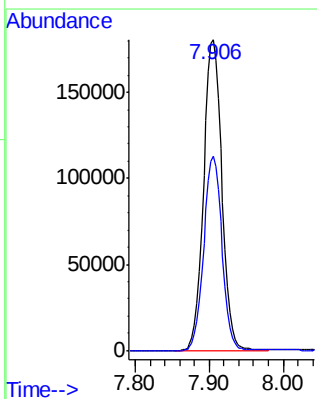
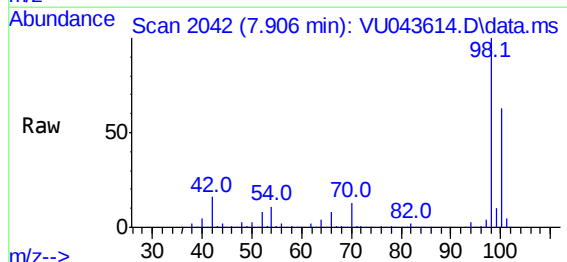
Instrument :
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ClientSampleId :
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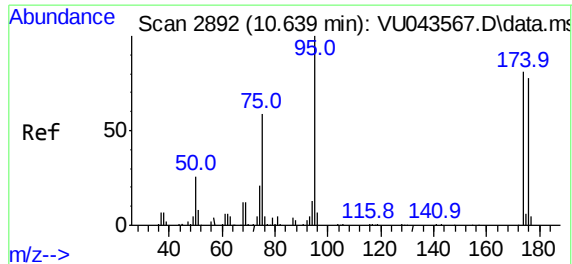
Tgt Ion:113 Resp: 85590
Ion Ratio Lower Upper
113 100
111 103.7 82.3 123.5
192 19.0 15.8 23.6



#50
Toluene-d8
Concen: 48.64 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043614.D
Acq: 07 May 2021 15:54

Tgt Ion: 98 Resp: 308761
Ion Ratio Lower Upper
98 100
100 62.4 50.5 75.7

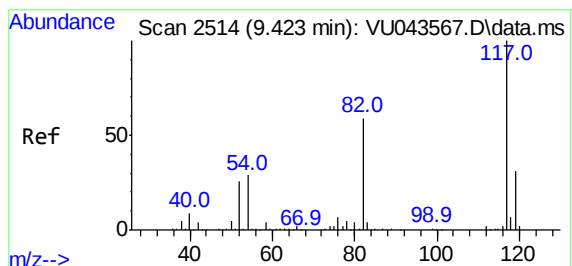
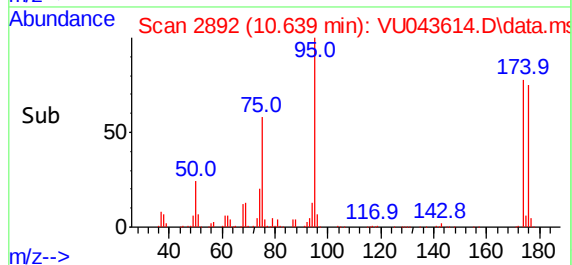
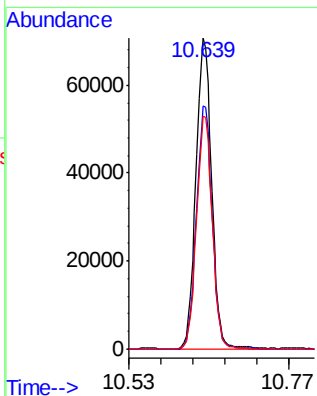
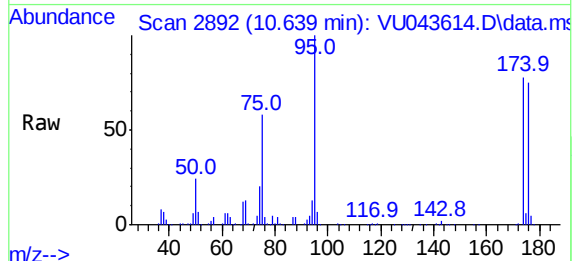




#62
4-Bromofluorobenzene
Concen: 47.25 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043614.D
Acq: 07 May 2021 15:54

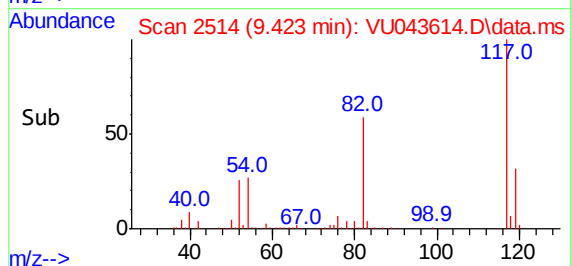
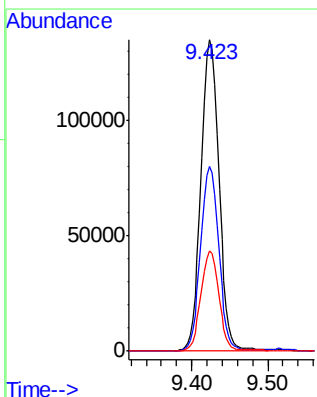
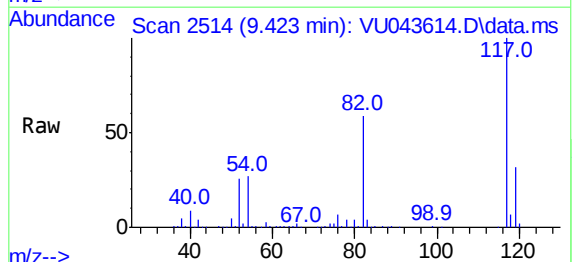
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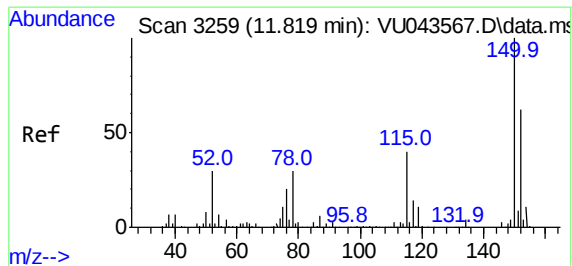
Tgt Ion: 95 Resp: 114106
Ion Ratio Lower Upper
95 100
174 78.1 0.0 158.8
176 74.6 0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043614.D
Acq: 07 May 2021 15:54

Tgt Ion: 117 Resp: 220111
Ion Ratio Lower Upper
117 100
82 59.4 47.5 71.3
119 31.9 24.7 37.1

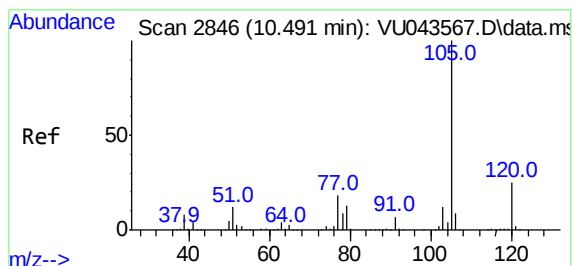
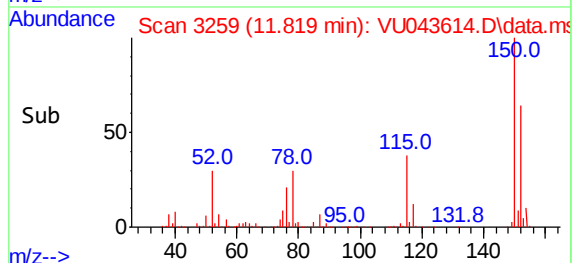
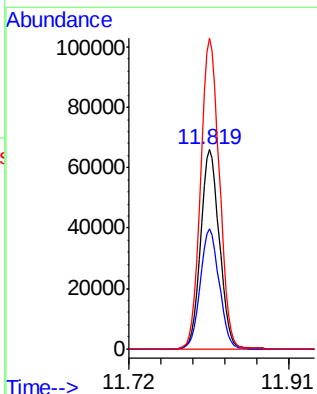
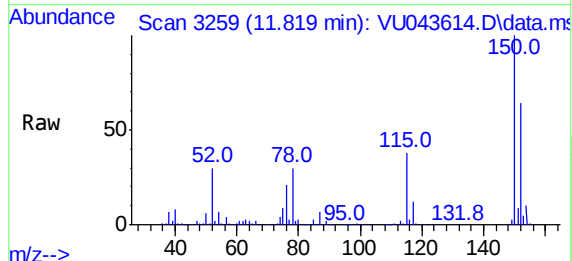




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043614.D
Acq: 07 May 2021 15:54

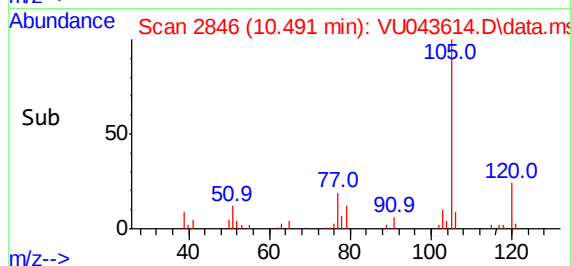
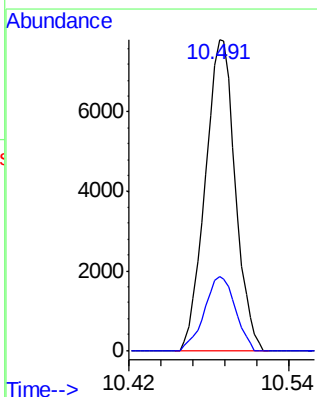
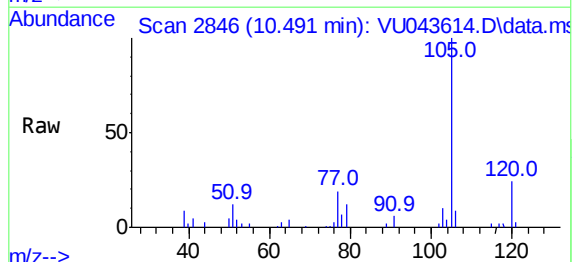
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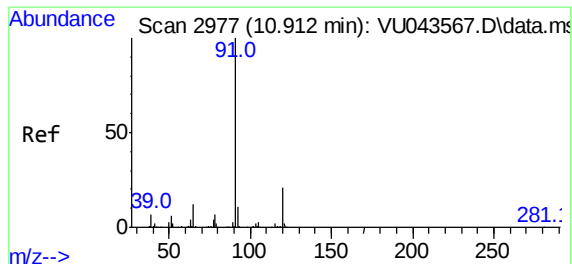
Tgt Ion:152 Resp: 103611
Ion Ratio Lower Upper
152 100
115 61.0 46.1 138.3
150 156.1 0.0 361.0



#73
Isopropylbenzene
Concen: 1.58 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU043614.D
Acq: 07 May 2021 15:54

Tgt Ion:105 Resp: 11748
Ion Ratio Lower Upper
105 100
120 24.4 12.6 37.6

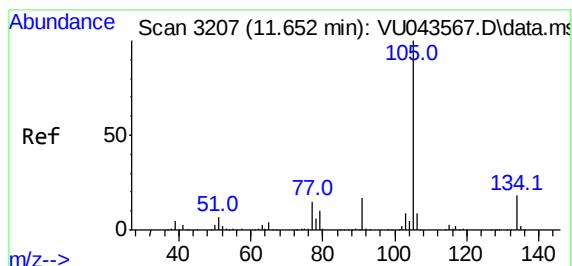
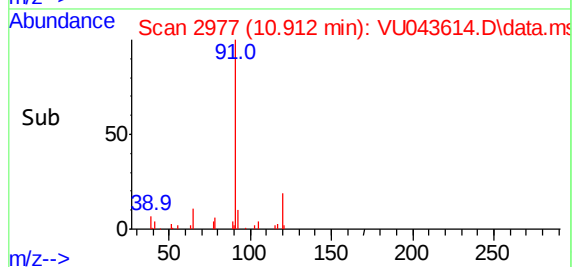
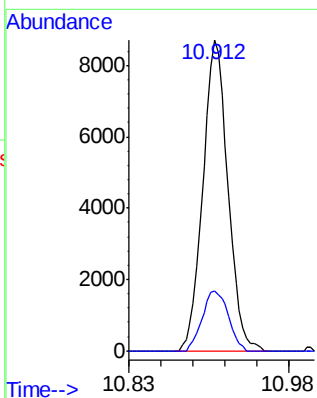
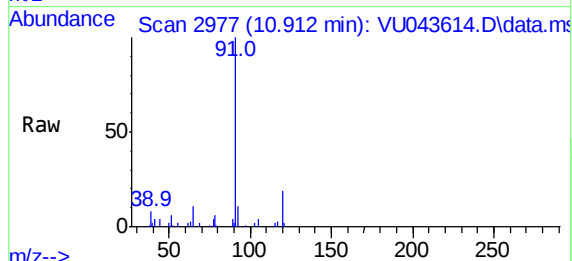




#78
n-propylbenzene
Concen: 1.49 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. -0.000 min
Lab File: VU043614.D
Acq: 07 May 2021 15:54

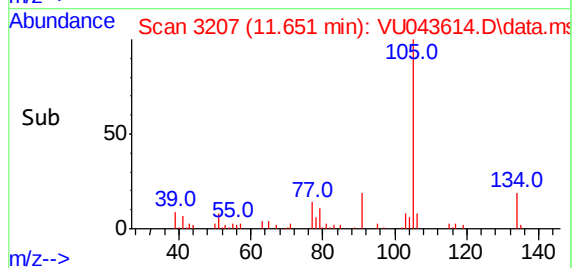
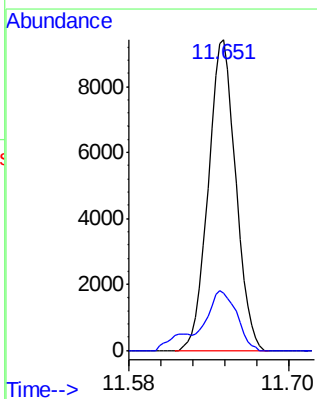
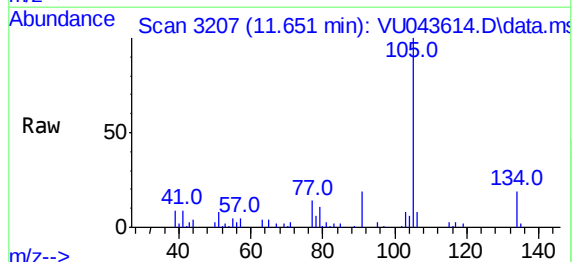
Instrument :
MSVOA_U
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OWL-C5-GW

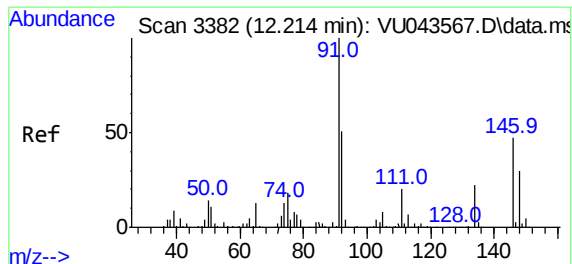
Tgt Ion: 91 Resp: 13556
Ion Ratio Lower Upper
91 100
120 20.0 10.4 31.2



#85
sec-Butylbenzene
Concen: 2.99 ug/l
RT: 11.651 min Scan# 3207
Delta R.T. -0.001 min
Lab File: VU043614.D
Acq: 07 May 2021 15:54

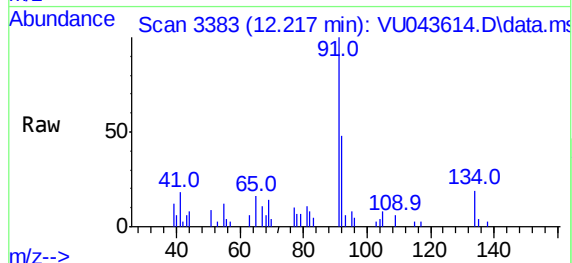
Tgt Ion: 105 Resp: 14346
Ion Ratio Lower Upper
105 100
134 21.0 9.2 27.6





#89
 n-Butylbenzene
 Concen: 3.30 ug/l
 RT: 12.217 min Scan# 3383
 Delta R.T. 0.003 min
 Lab File: VU043614.D
 Acq: 07 May 2021 15:54

Instrument :
 MSVOA_U
 ClientSampleId :
 OWL-C5-GW



Tgt Ion: 91 Resp: 5801

Ion	Ratio	Lower	Upper
91	100		
92	46.9	25.4	76.2
134	21.6	11.3	33.9

