

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041321\
 Data File : VU043072.D
 Acq On : 13 Apr 2021 23:52
 Operator : SY/MD
 Sample : M1978-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 W-1

Quant Time: Apr 14 05:09:27 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)

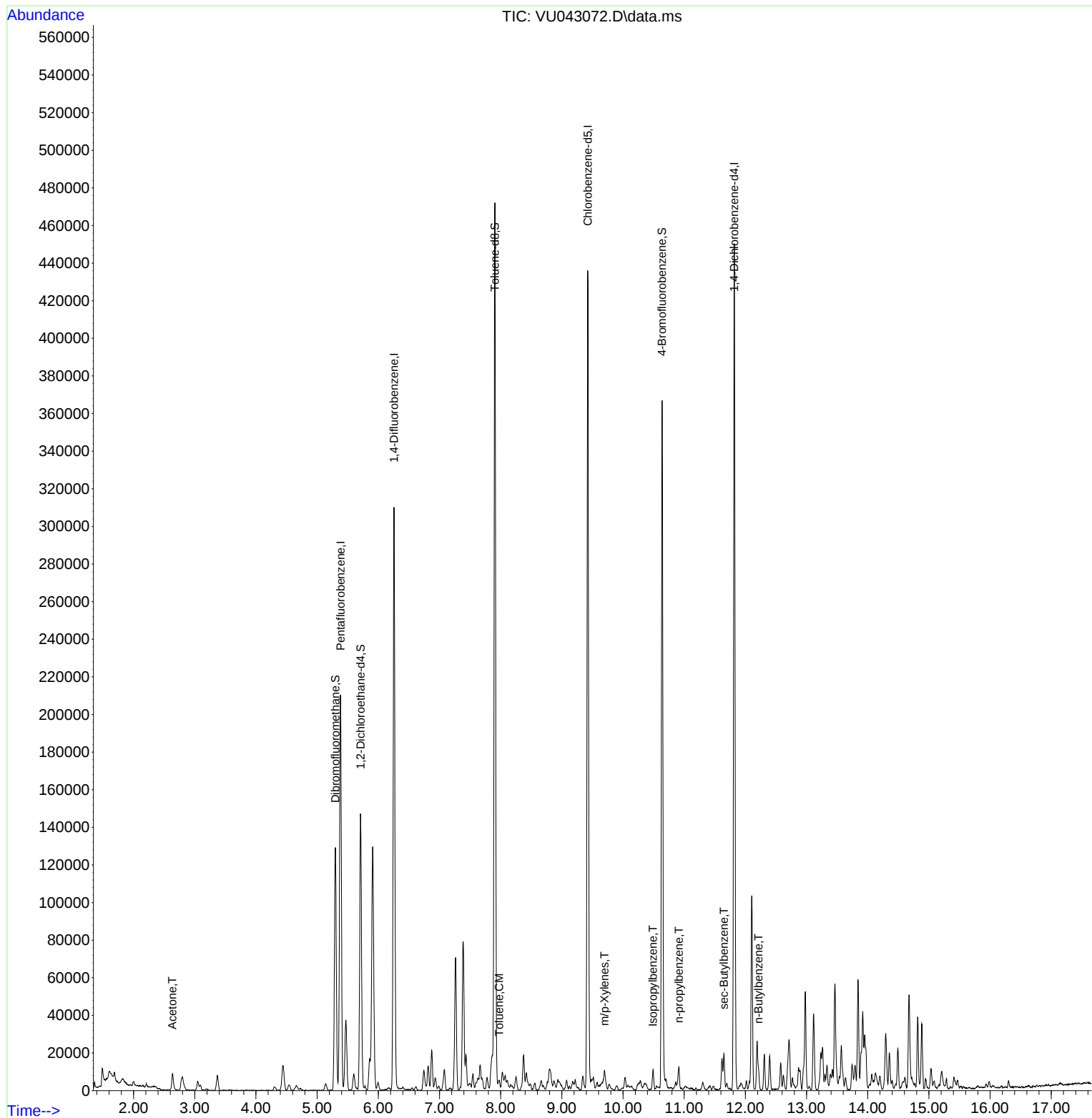
Internal Standards						
1) Pentafluorobenzene	5.382	168	138927	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	230714	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	217030	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	111042	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	113579	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
35) Dibromofluoromethane	5.298	113	78992	45.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.12%	
50) Toluene-d8	7.906	98	289557	47.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.40%	
62) 4-Bromofluorobenzene	10.639	95	111351	45.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.66%	
Target Compounds						
						Qvalue
16) Acetone	2.636	43	11542	8.10	ug/l	99
52) Toluene	7.976	92	1524	0.35	ug/l	95
68) m/p-Xylenes	9.697	106	1473	0.47	ug/l #	72
73) Isopropylbenzene	10.488	105	6198	0.83	ug/l	95
78) n-propylbenzene	10.915	91	6333	0.71	ug/l	99
85) sec-Butylbenzene	11.648	105	10508	1.39	ug/l	99
89) n-Butylbenzene	12.214	91	8376	1.28	ug/l #	68

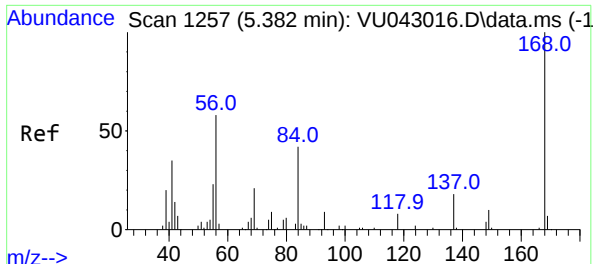
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

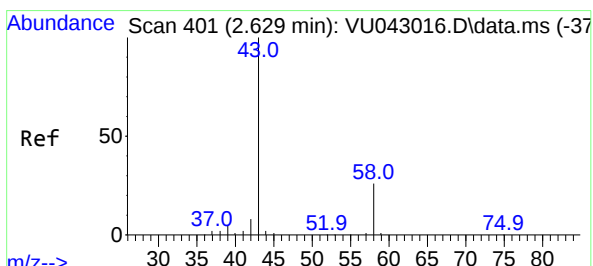
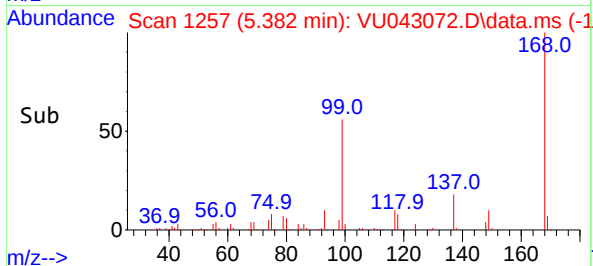
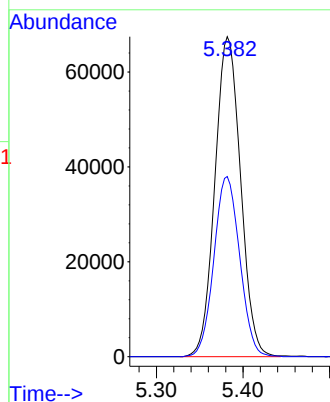
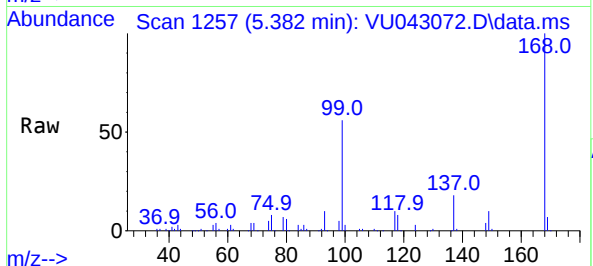




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043072.D
Acq: 13 Apr 2021 23:52

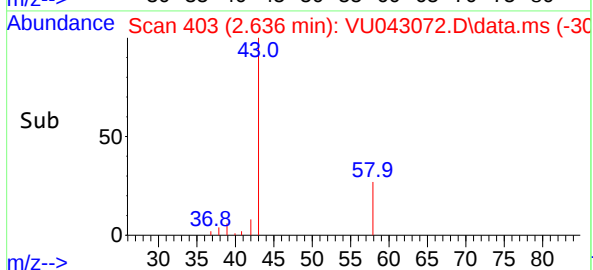
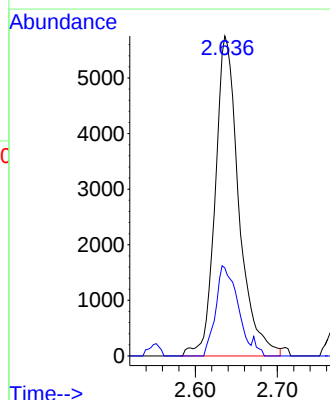
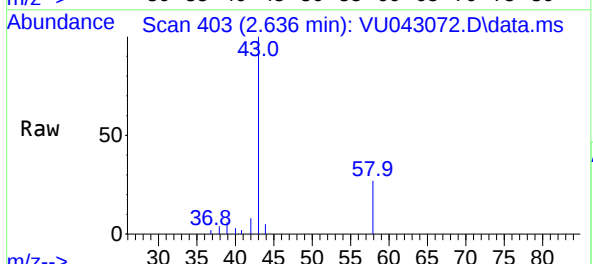
Instrument :
MSVOA_U
ClientSampleId :
W-1

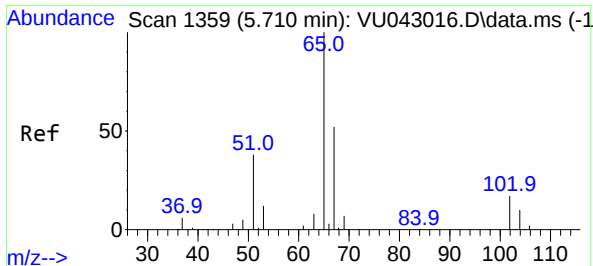
Tgt Ion:168 Resp: 138927
Ion Ratio Lower Upper
168 100
99 56.3 45.0 67.4



#16
Acetone
Concen: 8.10 ug/l
RT: 2.636 min Scan# 403
Delta R.T. 0.007 min
Lab File: VU043072.D
Acq: 13 Apr 2021 23:52

Tgt Ion: 43 Resp: 11542
Ion Ratio Lower Upper
43 100
58 27.5 21.5 32.3



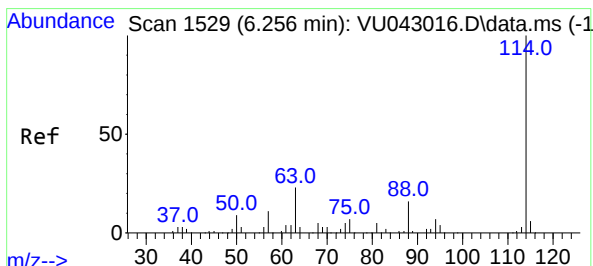
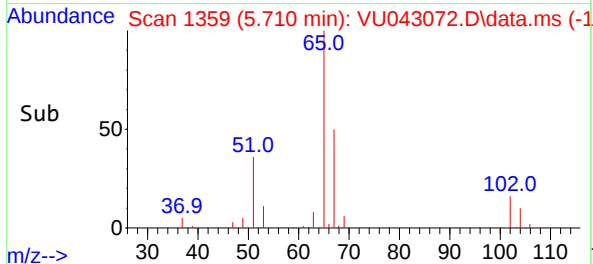
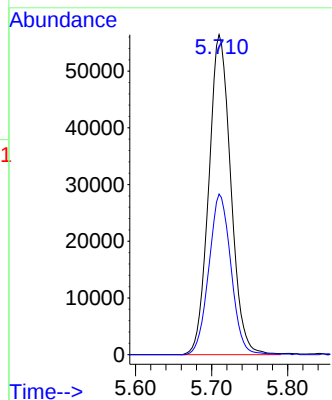
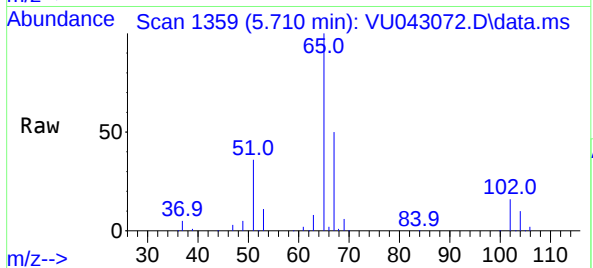


#33

1,2-Dichloroethane-d4
Concen: 48.63 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043072.D
Acq: 13 Apr 2021 23:52

Instrument :
MSVOA_U
ClientSampled :
W-1

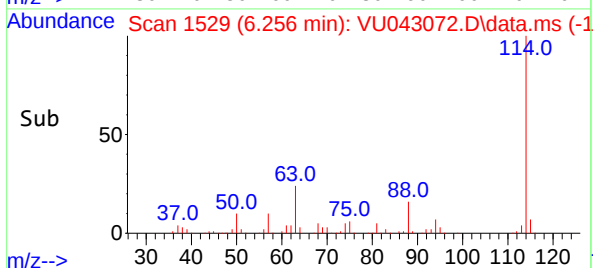
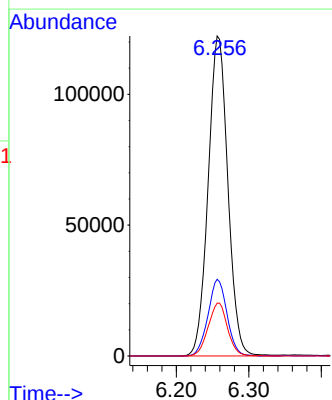
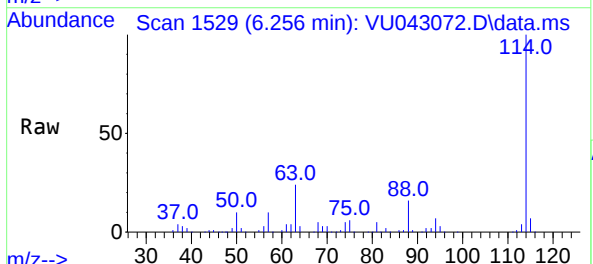
Tgt Ion: 65 Resp: 113579
Ion Ratio Lower Upper
65 100
67 50.3 0.0 99.8

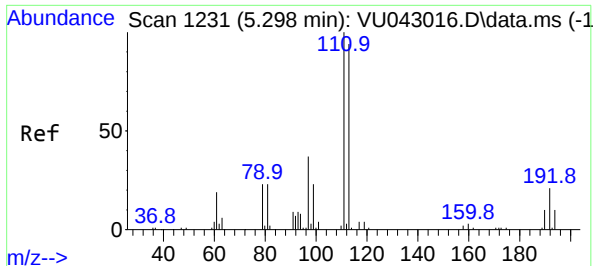


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043072.D
Acq: 13 Apr 2021 23:52

Tgt Ion: 114 Resp: 230714
Ion Ratio Lower Upper
114 100
63 23.9 0.0 44.2
88 16.5 0.0 33.4

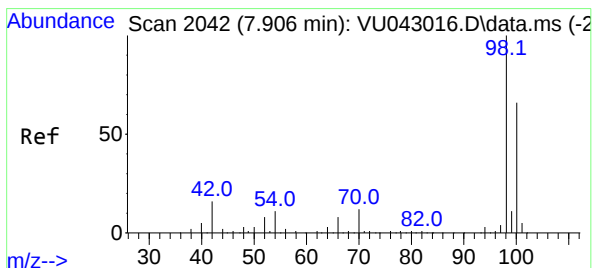
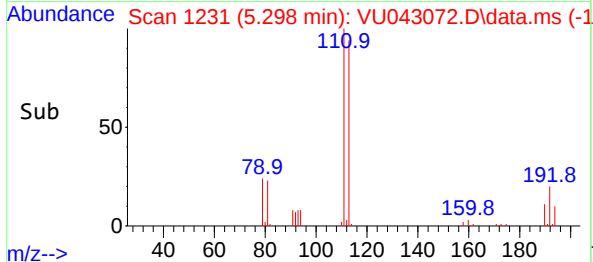
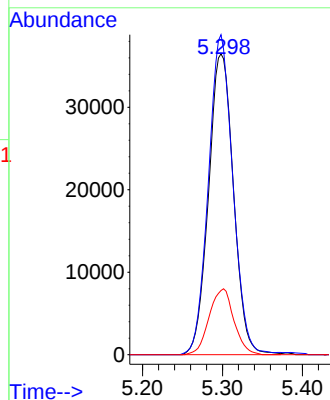
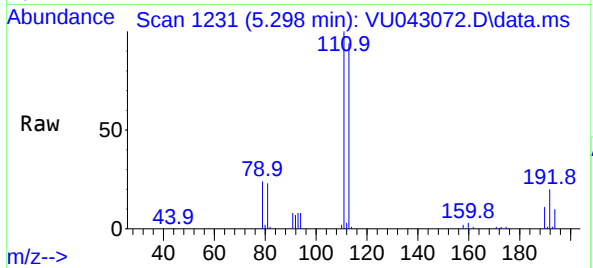




#35
Dibromofluoromethane
Concen: 45.56 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043072.D
Acq: 13 Apr 2021 23:52

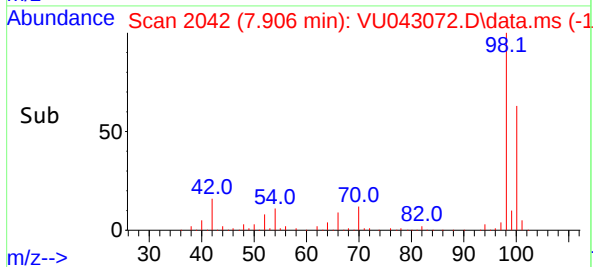
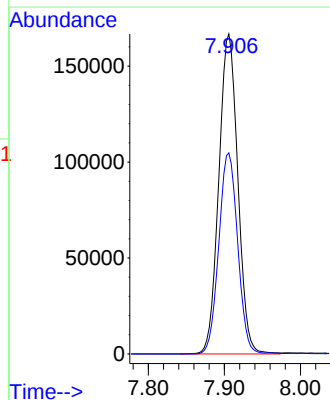
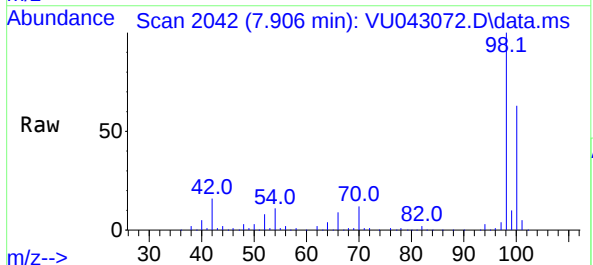
Instrument :
MSVOA_U
ClientSampleId :
W-1

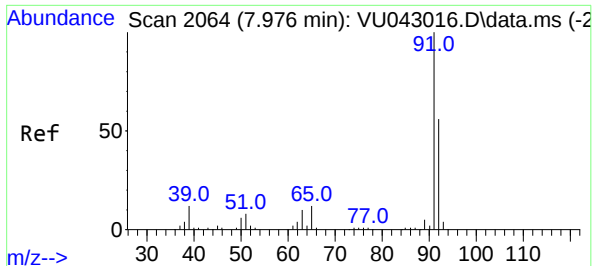
Tgt Ion:113 Resp: 78992
Ion Ratio Lower Upper
113 100
111 104.2 81.8 122.8
192 21.7 17.2 25.8



#50
Toluene-d8
Concen: 47.20 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043072.D
Acq: 13 Apr 2021 23:52

Tgt Ion: 98 Resp: 289557
Ion Ratio Lower Upper
98 100
100 62.2 50.2 75.2

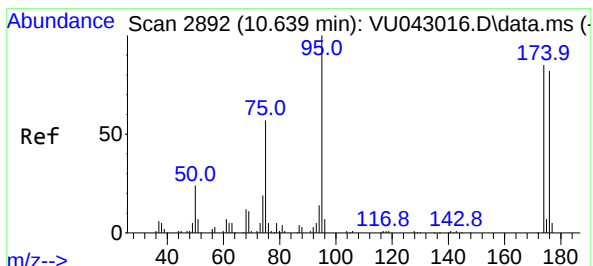
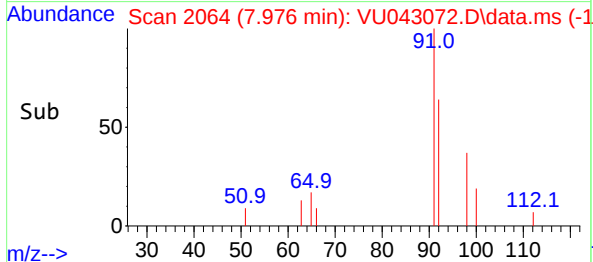
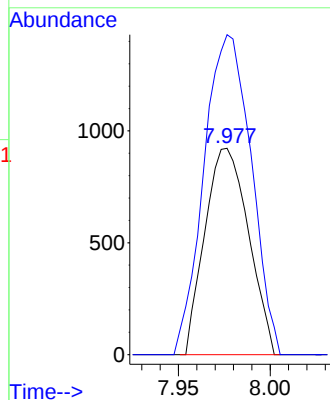
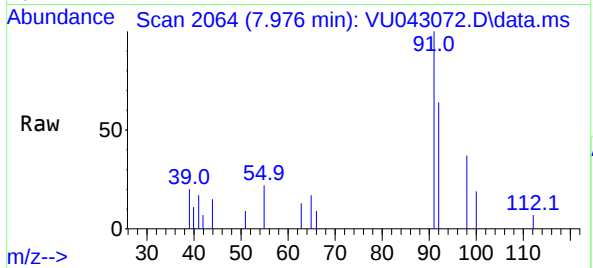




#52
Toluene
Concen: 0.35 ug/l
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043072.D
Acq: 13 Apr 2021 23:52

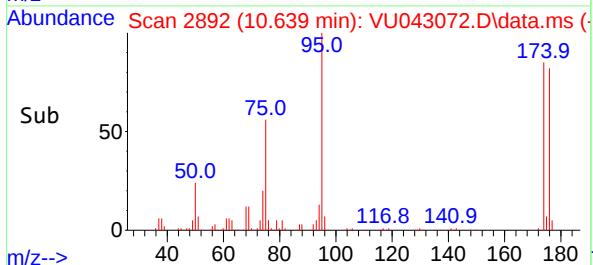
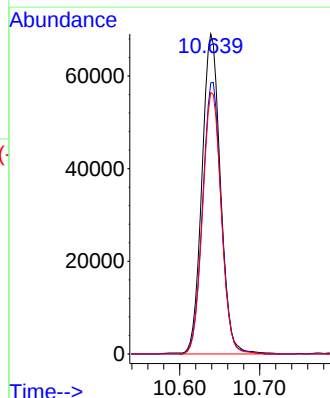
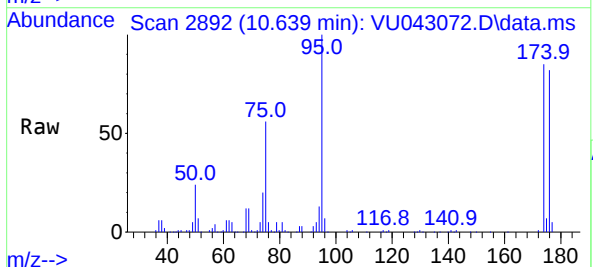
Instrument :
MSVOA_U
ClientSampled :
W-1

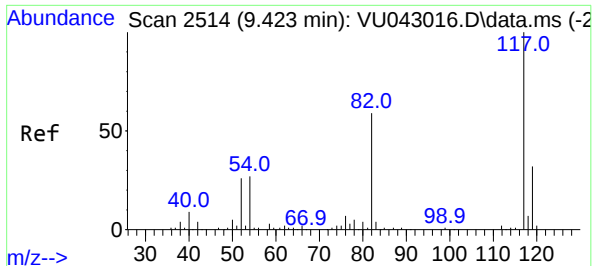
Tgt Ion: 92 Resp: 1524
Ion Ratio Lower Upper
92 100
91 168.0 140.3 210.5



#62
4-Bromofluorobenzene
Concen: 45.33 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043072.D
Acq: 13 Apr 2021 23:52

Tgt Ion: 95 Resp: 111351
Ion Ratio Lower Upper
95 100
174 85.5 0.0 172.2
176 82.3 0.0 168.8

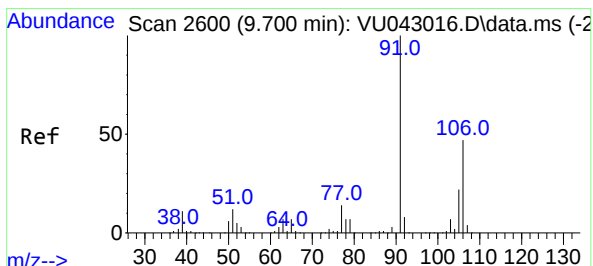
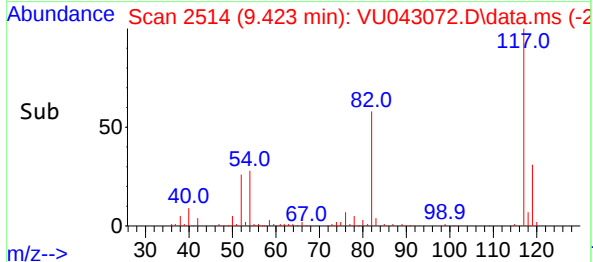
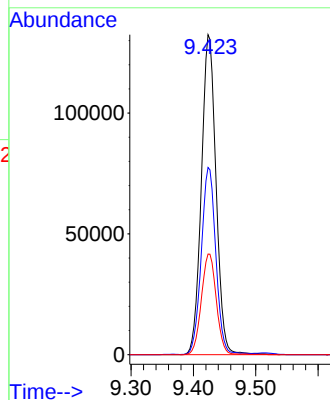
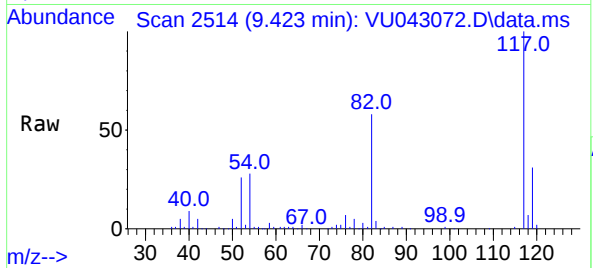




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043072.D
Acq: 13 Apr 2021 23:52

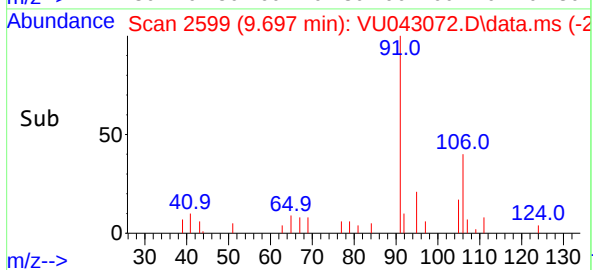
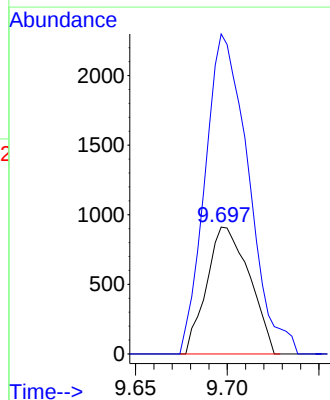
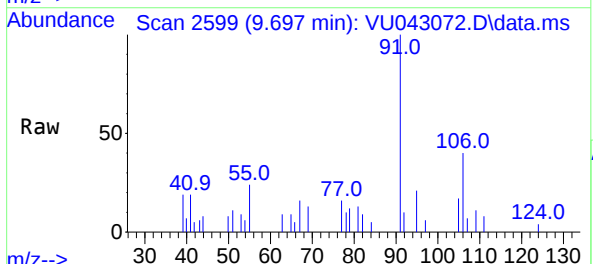
Instrument :
MSVOA_U
ClientSampled :
W-1

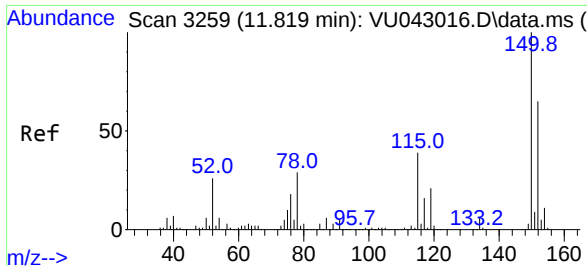
Tgt Ion:117 Resp: 217030
Ion Ratio Lower Upper
117 100
82 58.4 45.8 68.6
119 31.4 25.8 38.8



#68
m/p-Xylenes
Concen: 0.47 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. -0.003 min
Lab File: VU043072.D
Acq: 13 Apr 2021 23:52

Tgt Ion:106 Resp: 1473
Ion Ratio Lower Upper
106 100
91 256.0 169.9 254.9#

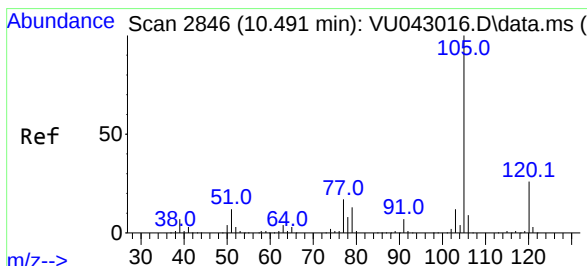
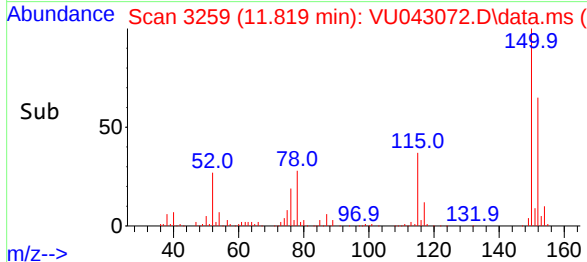
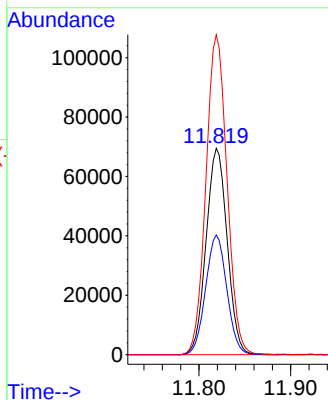
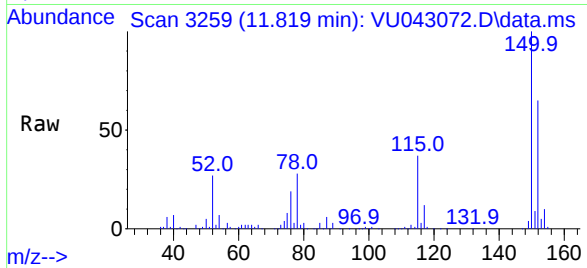




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043072.D
Acq: 13 Apr 2021 23:52

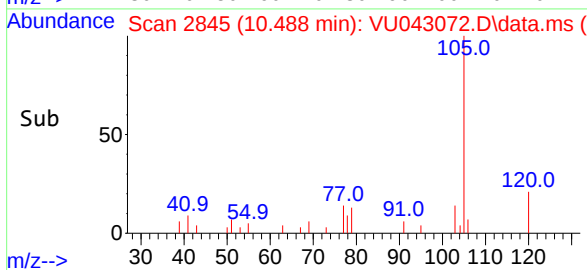
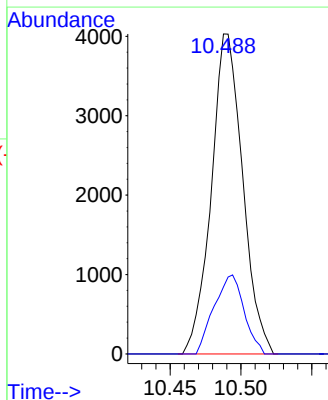
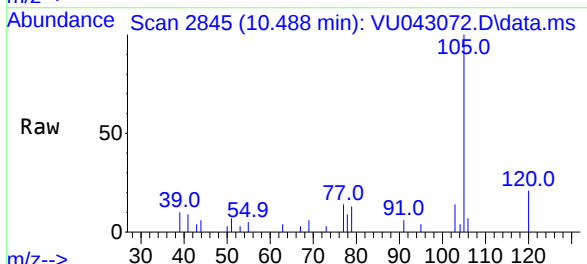
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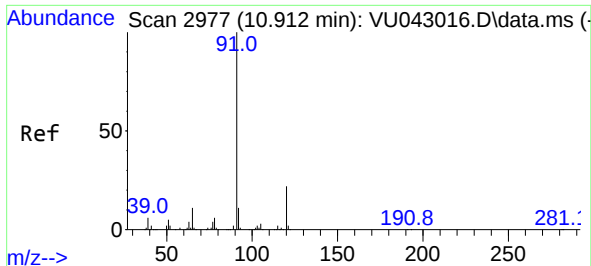
Tgt Ion:152 Resp: 111042
Ion Ratio Lower Upper
152 100
115 58.3 41.5 124.6
150 154.7 0.0 342.4



#73
Isopropylbenzene
Concen: 0.83 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. -0.003 min
Lab File: VU043072.D
Acq: 13 Apr 2021 23:52

Tgt Ion:105 Resp: 6198
Ion Ratio Lower Upper
105 100
120 23.6 13.1 39.3

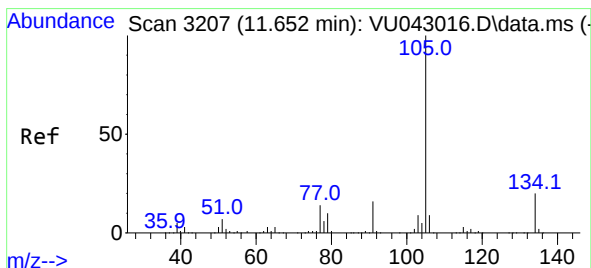
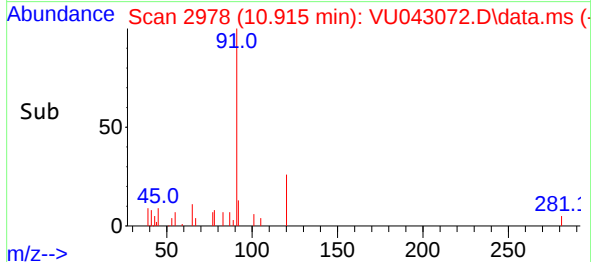
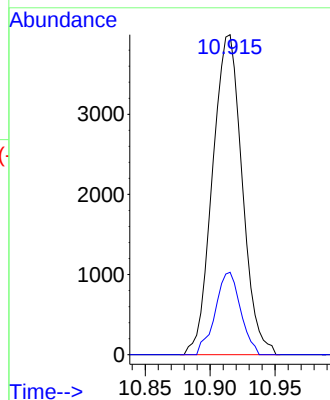
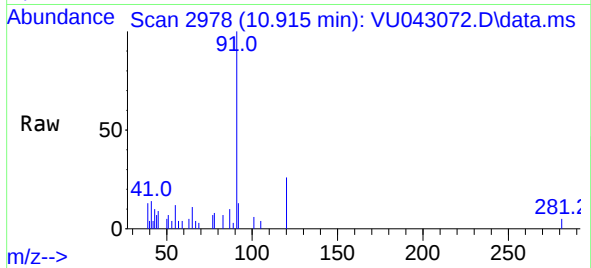




#78
n-propylbenzene
Concen: 0.71 ug/l
RT: 10.915 min Scan# 2978
Delta R.T. 0.003 min
Lab File: VU043072.D
Acq: 13 Apr 2021 23:52

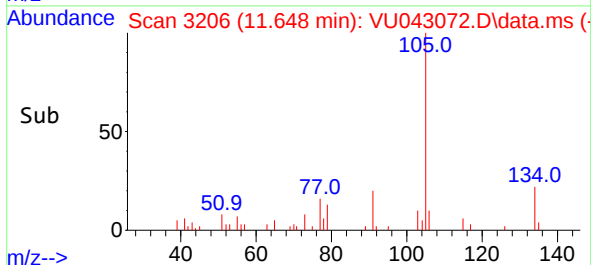
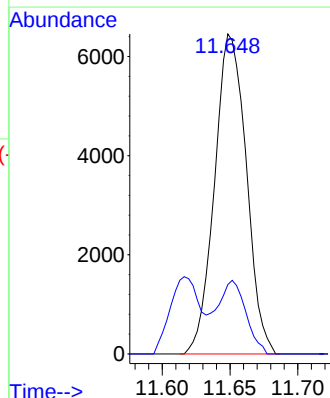
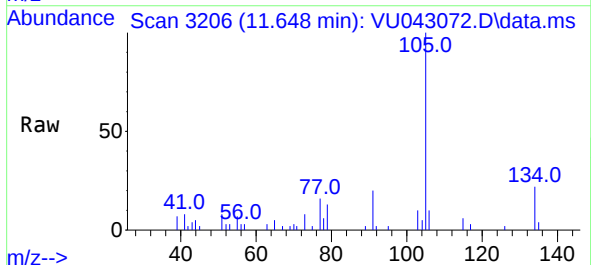
Instrument :
MSVOA_U
ClientSampled :
W-1

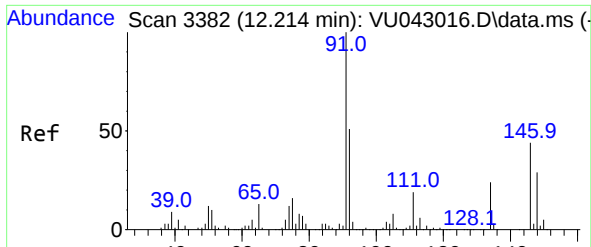
Tgt Ion: 91 Resp: 6333
Ion Ratio Lower Upper
91 100
120 21.9 11.2 33.6



#85
sec-Butylbenzene
Concen: 1.39 ug/l
RT: 11.648 min Scan# 3206
Delta R.T. -0.004 min
Lab File: VU043072.D
Acq: 13 Apr 2021 23:52

Tgt Ion:105 Resp: 10508
Ion Ratio Lower Upper
105 100
134 19.6 10.0 30.0





#89
 n-Butylbenzene
 Concen: 1.28 ug/l
 RT: 12.214 min Scan# 3382
 Delta R.T. 0.000 min
 Lab File: VU043072.D
 Acq: 13 Apr 2021 23:52

Instrument :
 MSVOA_U
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 W-1

Tgt Ion:	91	Resp:	8376
Ion	Ratio	Lower	Upper
91	100		
92	35.7	26.2	78.6
134	0.0	12.7	38.1#

