

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041321\
 Data File : VU043073.D
 Acq On : 14 Apr 2021 00:15
 Operator : SY/MD
 Sample : M1978-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 W-2

Quant Time: Apr 14 05:09:46 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)

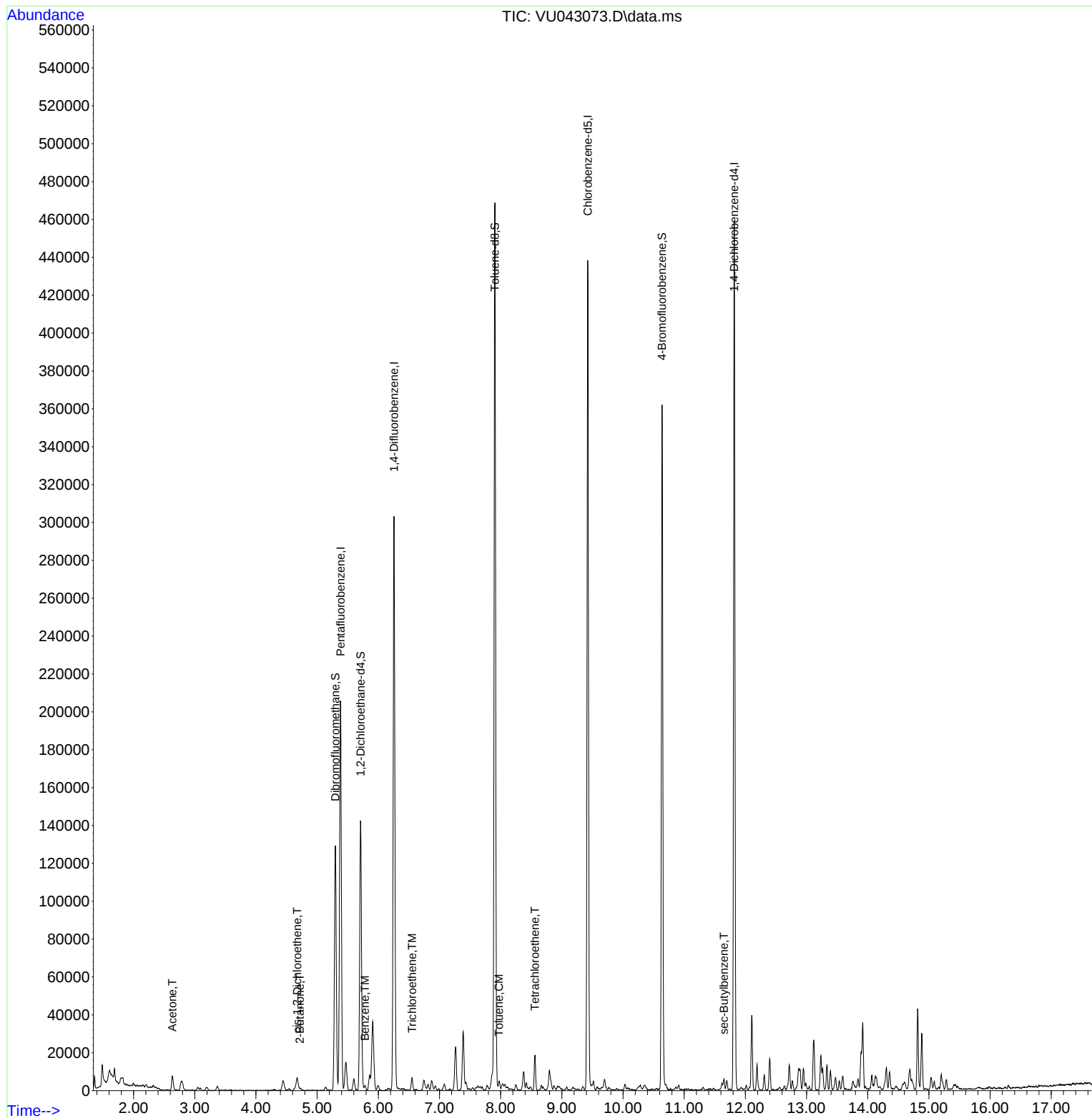
Internal Standards						
1) Pentafluorobenzene	5.382	168	136392	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	224737	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	215718	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	112160	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	111352	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
35) Dibromofluoromethane	5.298	113	78129	46.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.54%	
50) Toluene-d8	7.906	98	287973	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.38%	
62) 4-Bromofluorobenzene	10.639	95	107881	45.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.16%	
Target Compounds						
						Qvalue
16) Acetone	2.633	43	9653	6.86	ug/l	100
25) 2-Butanone	4.716	43	2193	1.05	ug/l	93
27) cis-1,2-Dichloroethene	4.674	96	3068	1.81	ug/l	86
40) Benzene	5.780	78	1838	0.27	ug/l	90
44) Trichloroethene	6.552	130	2162	1.25	ug/l	95
52) Toluene	7.973	92	1578	0.37	ug/l	100
64) Tetrachloroethene	8.559	164	3820	2.44	ug/l	96
85) sec-Butylbenzene	11.652	105	3608	0.47	ug/l	98

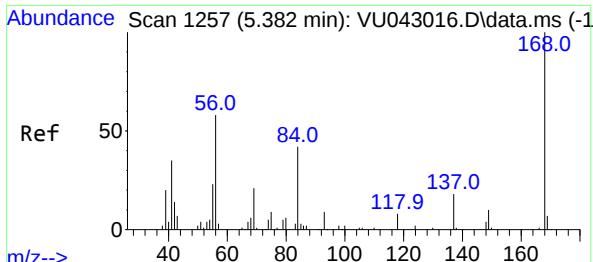
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 14 05:09:46 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

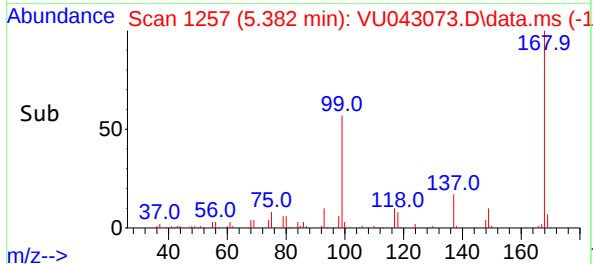
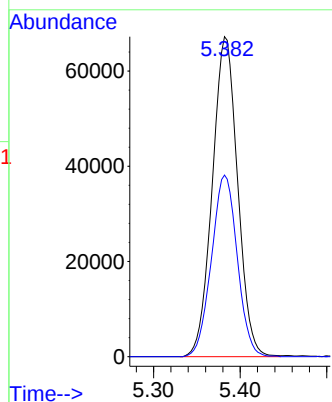
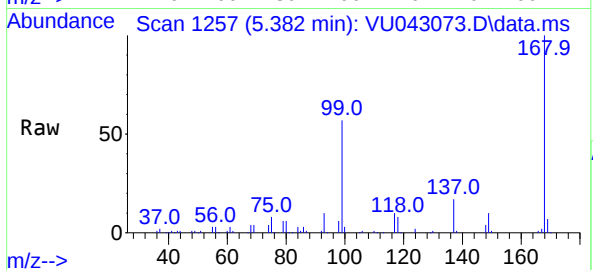




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043073.D
Acq: 14 Apr 2021 00:15

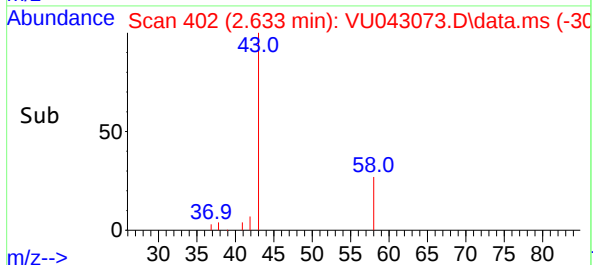
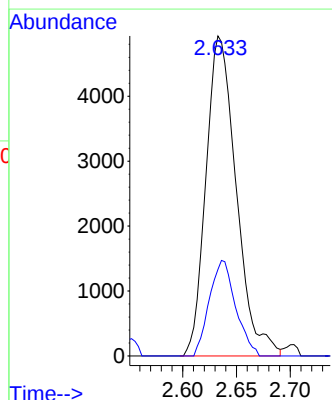
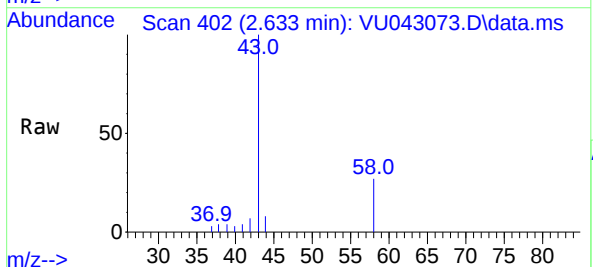
Instrument :
MSVOA_U
ClientSampleId :
W-2

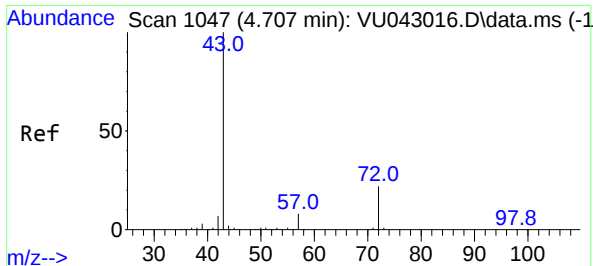
Tgt Ion:168 Resp: 136392
Ion Ratio Lower Upper
168 100
99 56.8 45.0 67.4



#16
Acetone
Concen: 6.86 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.004 min
Lab File: VU043073.D
Acq: 14 Apr 2021 00:15

Tgt Ion: 43 Resp: 9653
Ion Ratio Lower Upper
43 100
58 27.0 21.5 32.3

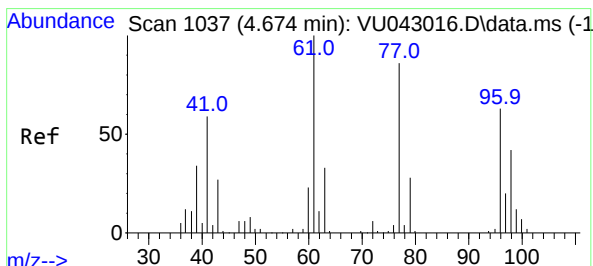
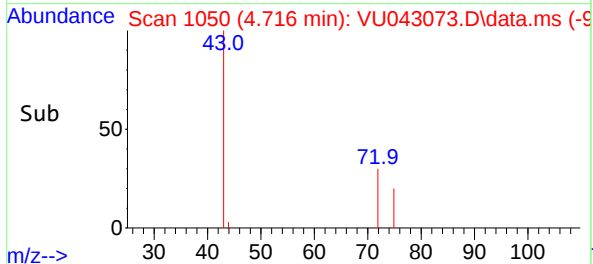
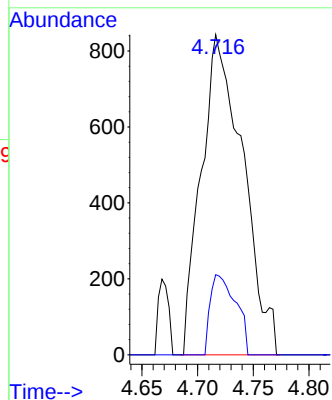
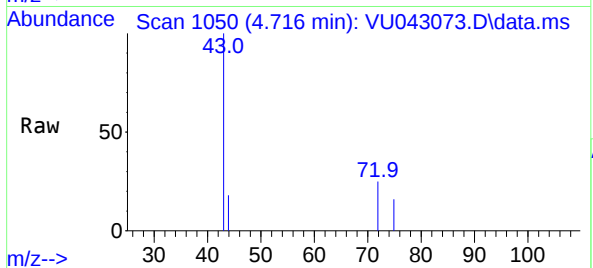




#25
2-Butanone
Concen: 1.05 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. 0.009 min
Lab File: VU043073.D
Acq: 14 Apr 2021 00:15

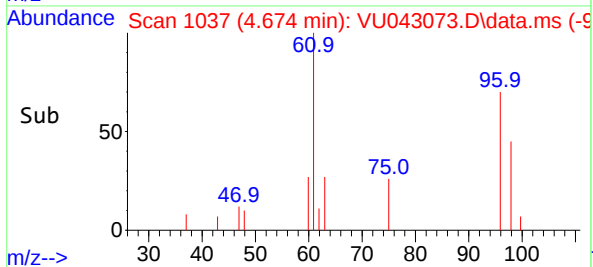
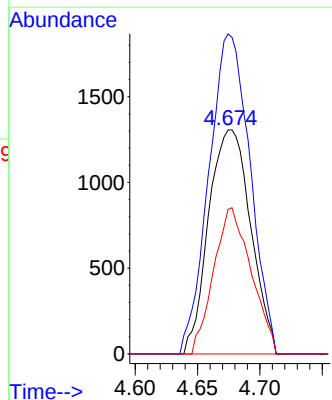
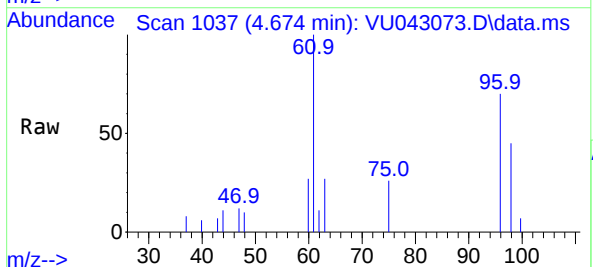
Instrument :
MSVOA_U
ClientSampled :
W-2

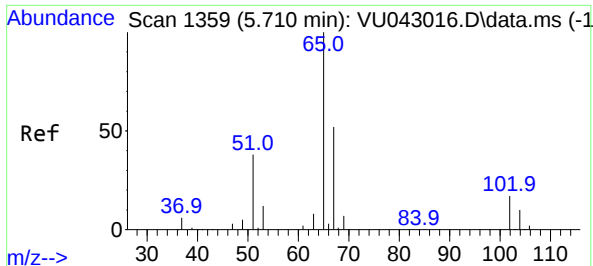
Tgt Ion: 43 Resp: 2193
Ion Ratio Lower Upper
43 100
72 25.0 17.4 26.0



#27
cis-1,2-Dichloroethene
Concen: 1.81 ug/l
RT: 4.674 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU043073.D
Acq: 14 Apr 2021 00:15

Tgt Ion: 96 Resp: 3068
Ion Ratio Lower Upper
96 100
61 139.7 0.0 322.2
98 58.0 0.0 128.6

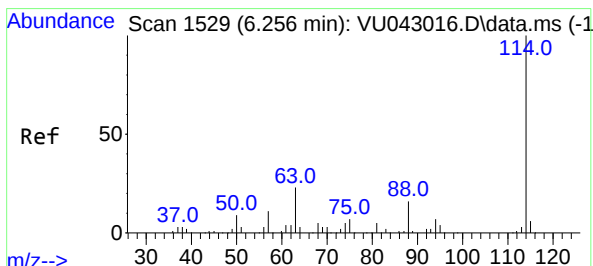
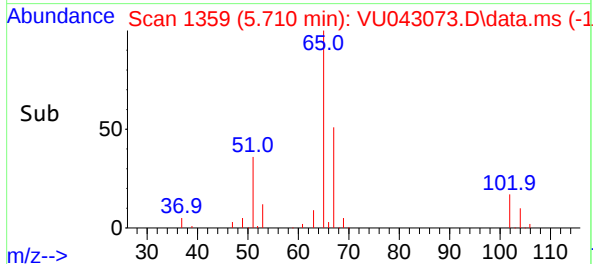
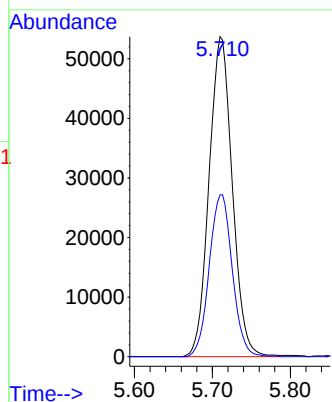
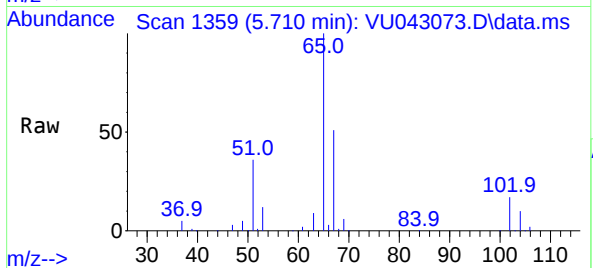




#33
1,2-Dichloroethane-d4
Concen: 48.56 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043073.D
Acq: 14 Apr 2021 00:15

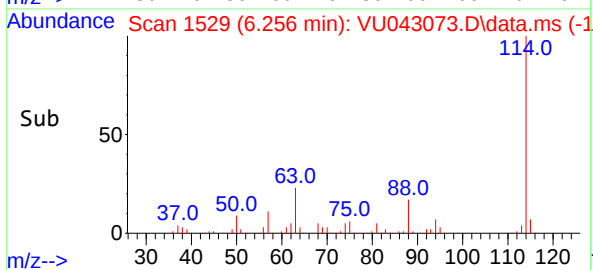
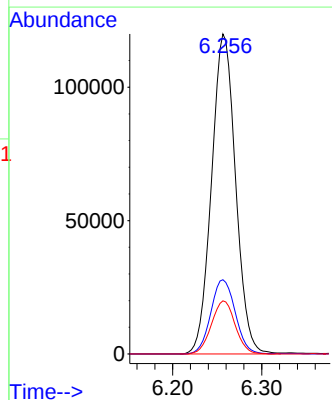
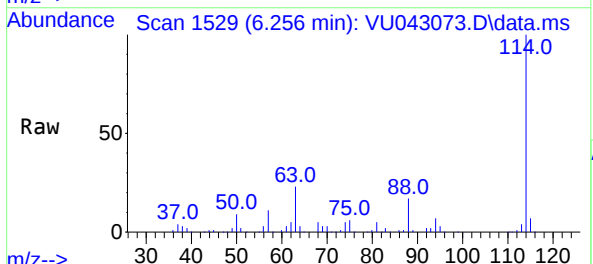
Instrument :
MSVOA_U
ClientSampleId :
W-2

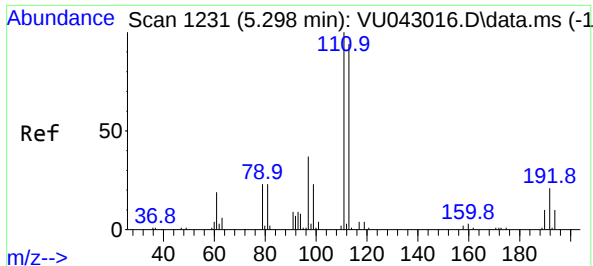
Tgt Ion: 65 Resp: 111352
Ion Ratio Lower Upper
65 100
67 50.2 0.0 99.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043073.D
Acq: 14 Apr 2021 00:15

Tgt Ion: 114 Resp: 224737
Ion Ratio Lower Upper
114 100
63 23.2 0.0 44.2
88 16.6 0.0 33.4

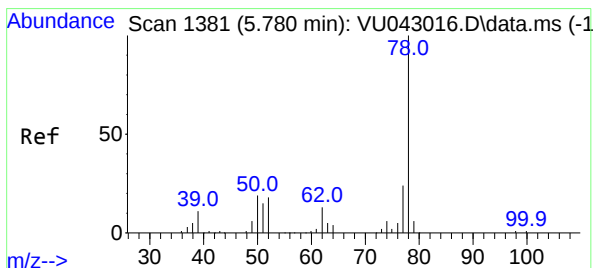
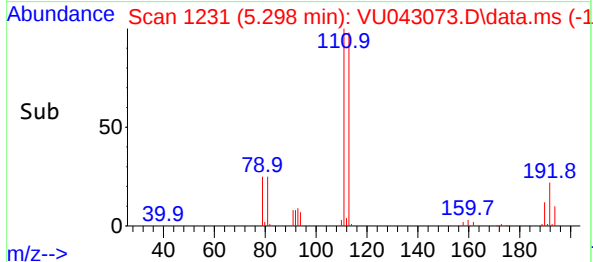
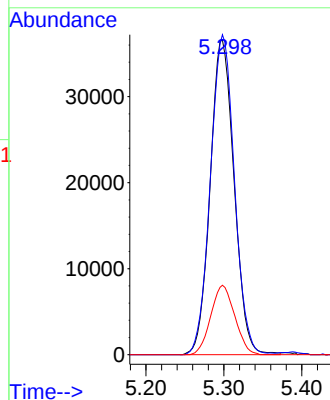
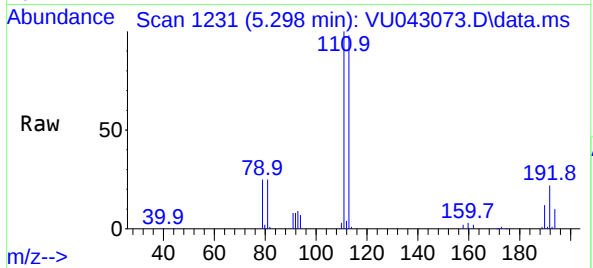




#35
Dibromofluoromethane
Concen: 46.27 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043073.D
Acq: 14 Apr 2021 00:15

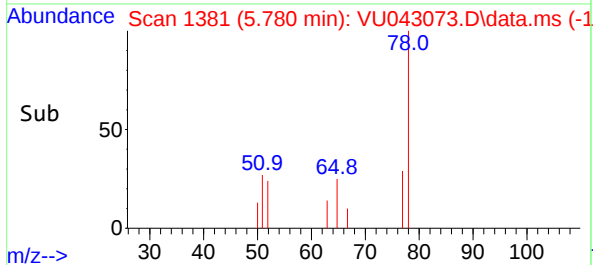
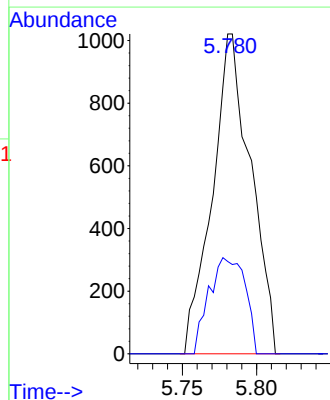
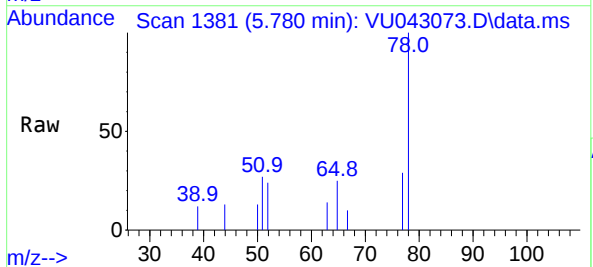
Instrument :
MSVOA_U
ClientSampleId :
W-2

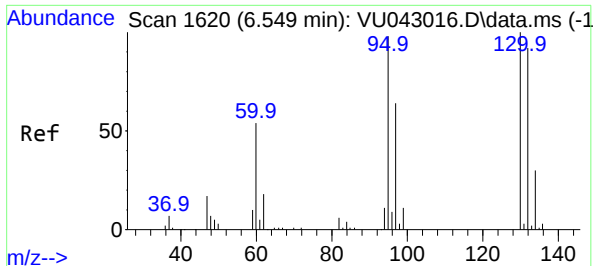
Tgt Ion:113 Resp: 78129
Ion Ratio Lower Upper
113 100
111 102.1 81.8 122.8
192 22.1 17.2 25.8



#40
Benzene
Concen: 0.27 ug/l
RT: 5.780 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VU043073.D
Acq: 14 Apr 2021 00:15

Tgt Ion: 78 Resp: 1838
Ion Ratio Lower Upper
78 100
77 28.9 19.3 28.9

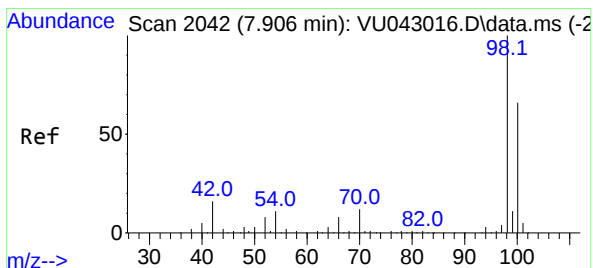
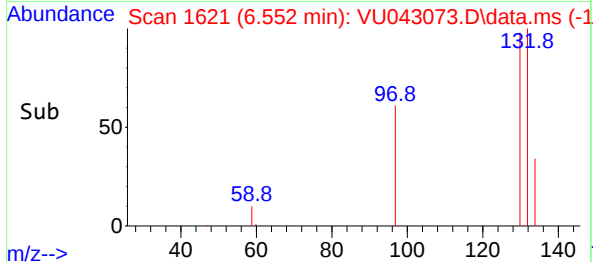
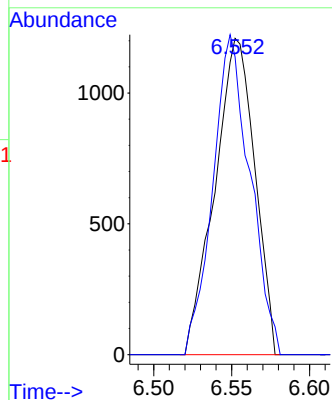
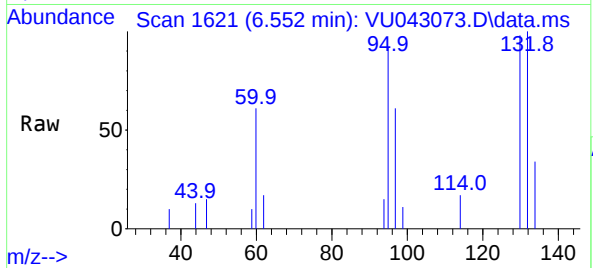




#44
Trichloroethene
Concen: 1.25 ug/l
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU043073.D
Acq: 14 Apr 2021 00:15

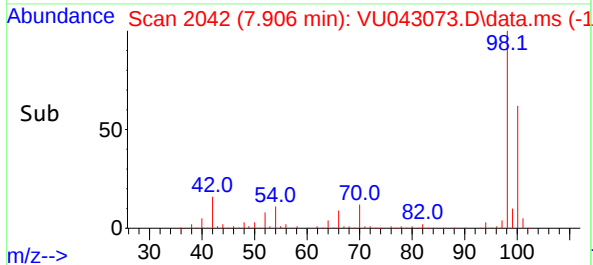
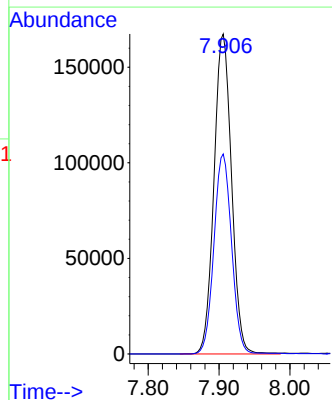
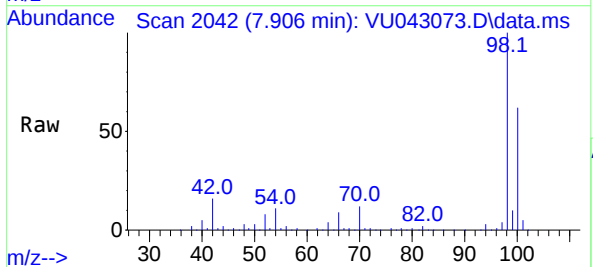
Instrument :
MSVOA_U
ClientSampled :
W-2

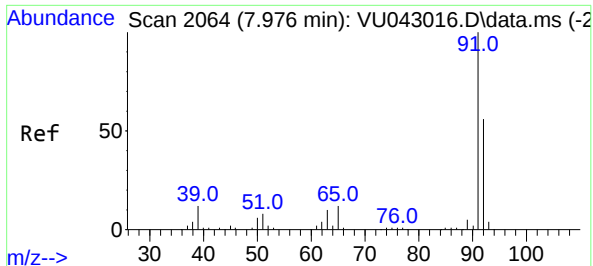
Tgt Ion:130 Resp: 2162
Ion Ratio Lower Upper
130 100
95 94.1 0.0 197.8



#50
Toluene-d8
Concen: 48.19 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043073.D
Acq: 14 Apr 2021 00:15

Tgt Ion: 98 Resp: 287973
Ion Ratio Lower Upper
98 100
100 62.7 50.2 75.2





#52

Toluene

Concen: 0.37 ug/l

RT: 7.973 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU043073.D

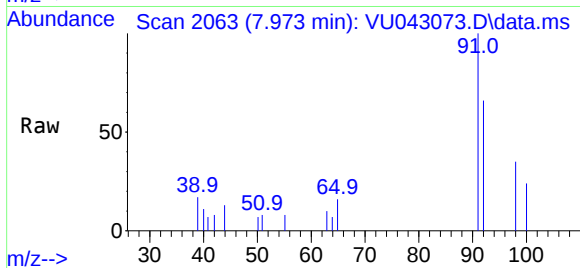
Acq: 14 Apr 2021 00:15

Tgt Ion: 92 Resp: 1578

Ion Ratio Lower Upper

92 100

91 175.5 140.3 210.5



Abundance

1500

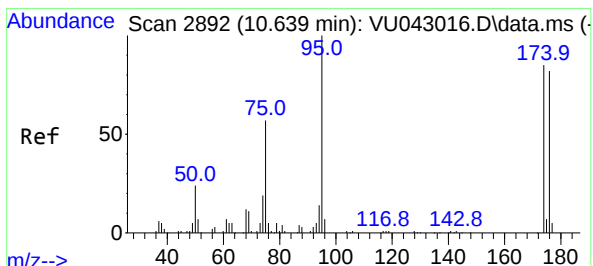
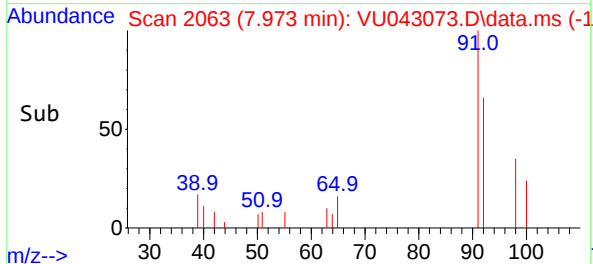
1000

500

0

7.973

Time-->



#62

4-Bromofluorobenzene

Concen: 45.08 ug/l

RT: 10.639 min Scan# 2892

Delta R.T. -0.000 min

Lab File: VU043073.D

Acq: 14 Apr 2021 00:15

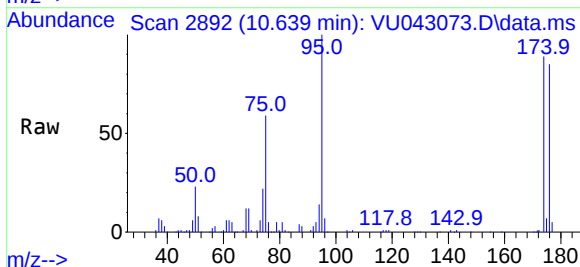
Tgt Ion: 95 Resp: 107881

Ion Ratio Lower Upper

95 100

174 87.5 0.0 172.2

176 84.1 0.0 168.8



Abundance

60000

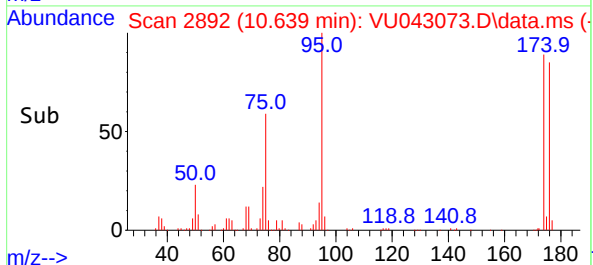
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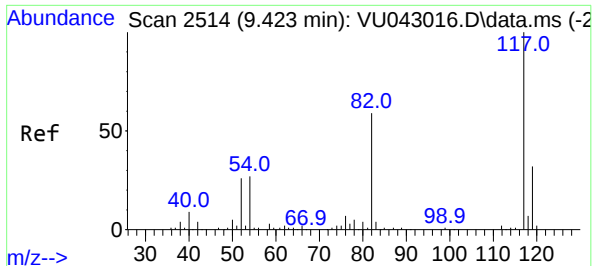
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0

10.639

Time-->

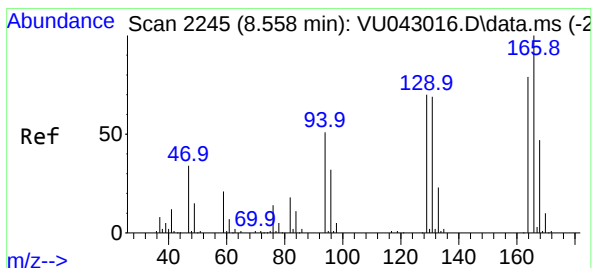
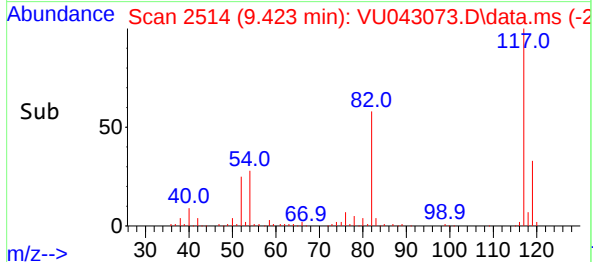
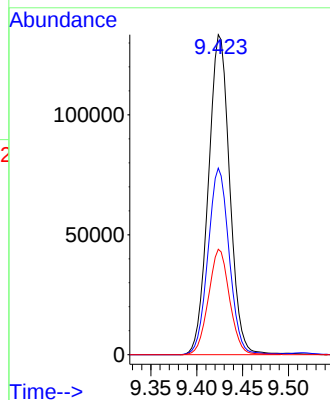
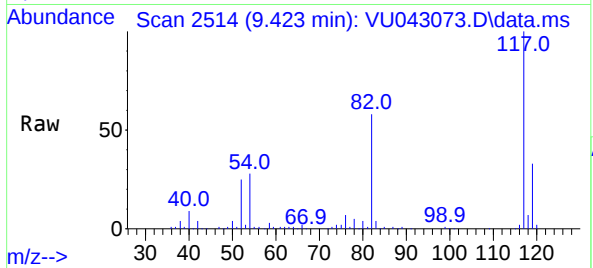




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043073.D
Acq: 14 Apr 2021 00:15

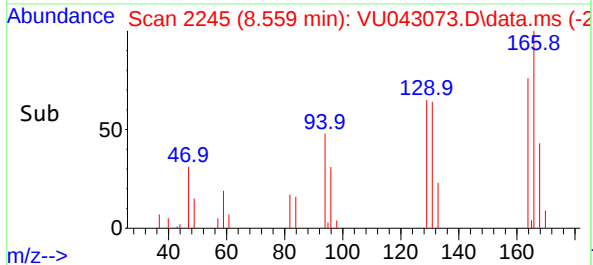
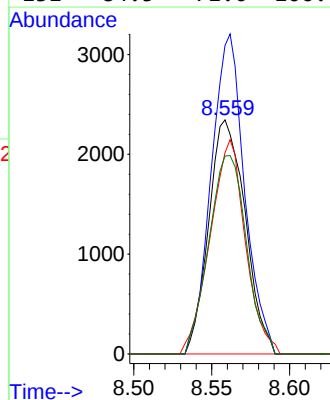
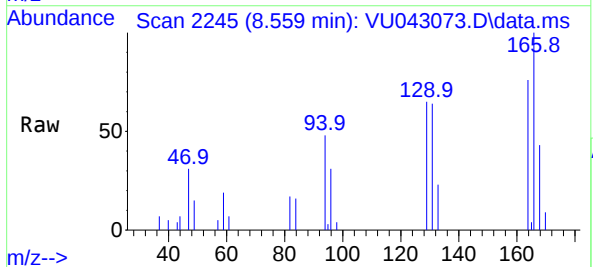
Instrument :
MSVOA_U
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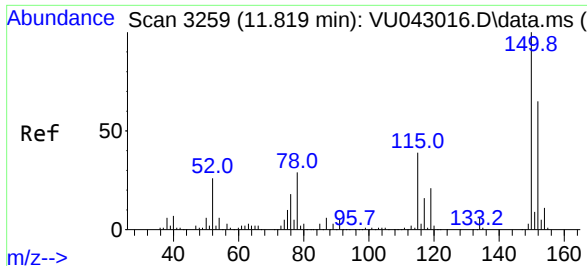
Tgt Ion:117 Resp: 215718
Ion Ratio Lower Upper
117 100
82 58.3 45.8 68.6
119 32.9 25.8 38.8



#64
Tetrachloroethene
Concen: 2.44 ug/l
RT: 8.559 min Scan# 2245
Delta R.T. 0.001 min
Lab File: VU043073.D
Acq: 14 Apr 2021 00:15

Tgt Ion:164 Resp: 3820
Ion Ratio Lower Upper
164 100
166 131.7 105.3 157.9
129 86.0 75.0 112.6
131 84.5 71.0 106.6

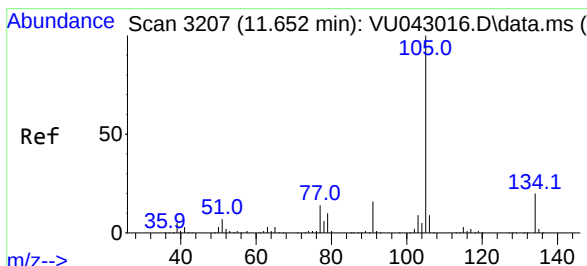
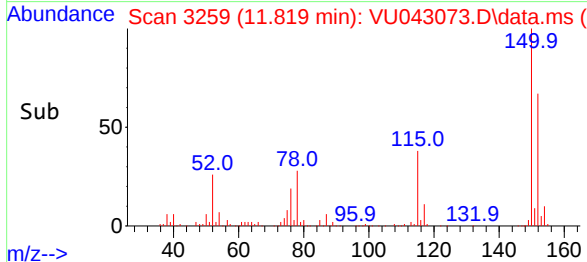
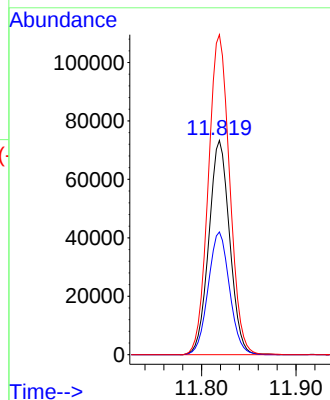
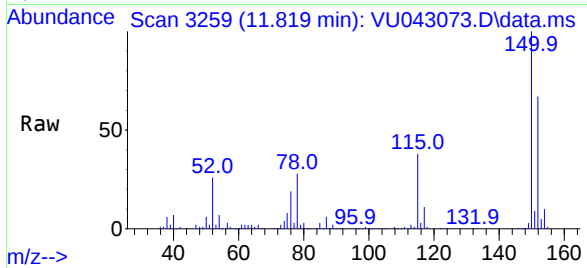




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043073.D
Acq: 14 Apr 2021 00:15

Instrument :
MSVOA_U
ClientSampled :
W-2

Tgt Ion:152 Resp: 112160
Ion Ratio Lower Upper
152 100
115 58.8 41.5 124.6
150 153.1 0.0 342.4



#85
sec-Butylbenzene
Concen: 0.47 ug/l
RT: 11.652 min Scan# 3207
Delta R.T. -0.000 min
Lab File: VU043073.D
Acq: 14 Apr 2021 00:15

Tgt Ion:105 Resp: 3608
Ion Ratio Lower Upper
105 100
134 20.8 10.0 30.0

