

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050721\
 Data File : VU043623.D
 Acq On : 07 May 2021 19:22
 Operator : SY/MD
 Sample : M2295-12RE
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DRUM-B-C-ERE

Quant Time: May 08 01:12:52 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)

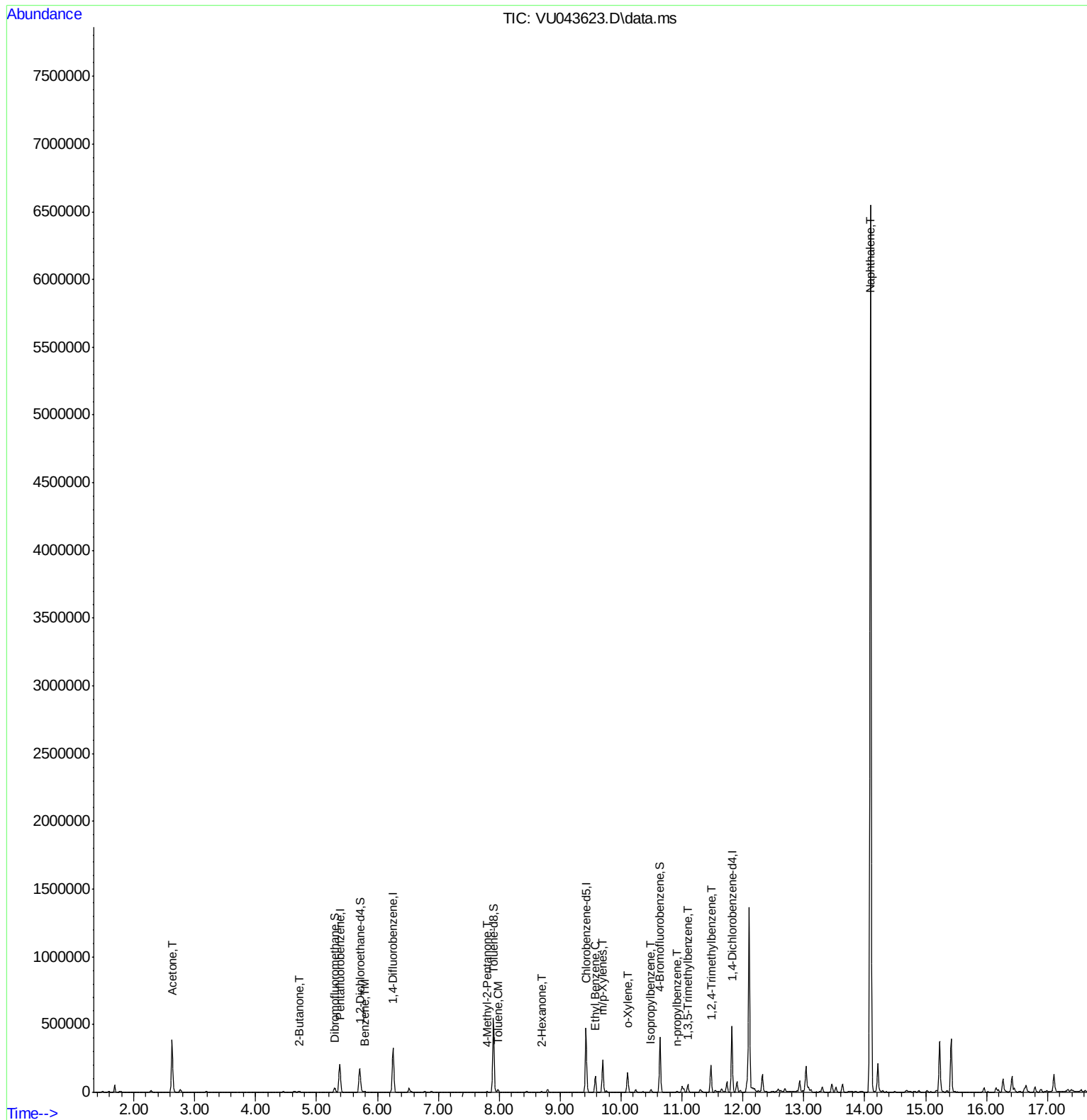
Internal Standards						
1) Pentafluorobenzene	5.382	168	136092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.257	114	240064	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.424	117	233424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	113660	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	132679	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	
35) Dibromofluoromethane	5.298	113	22164	11.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	23.16%	
50) Toluene-d8	7.906	98	330189	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
62) 4-Bromofluorobenzene	10.639	95	125650	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	
Target Compounds						
						Qvalue
16) Acetone	2.630	43	427327	279.45	ug/l	100
25) 2-Butanone	4.713	43	15559	6.60	ug/l	99
40) Benzene	5.784	78	7526	0.92	ug/l	98
51) 4-Methyl-2-Pentanone	7.797	43	4868	20.00	ug/l	97
52) Toluene	7.977	92	8397	1.78	ug/l	99
59) 2-Hexanone	8.691	43	4838	21.70	ug/l	92
67) Ethyl Benzene	9.578	91	83173	9.29	ug/l	99
68) m/p-Xylenes	9.700	106	62128	18.45	ug/l	98
69) o-Xylene	10.105	106	35484	11.15	ug/l	96
73) Isopropylbenzene	10.491	105	13545	1.66	ug/l	99
78) n-propylbenzene	10.912	91	6560	0.66	ug/l	99
80) 1,3,5-Trimethylbenzene	11.096	105	30504	4.65	ug/l	97
84) 1,2,4-Trimethylbenzene	11.475	105	102261	13.97	ug/l	100
95) Naphthalene	14.095	128	4659759	469.99	ug/l	100

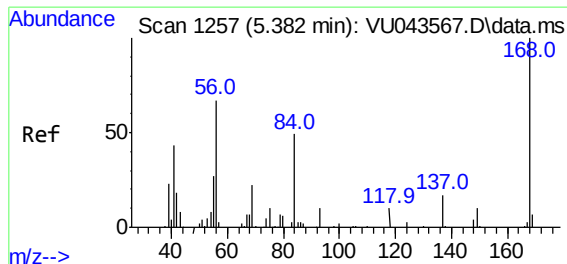
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 08 01:12:52 2021
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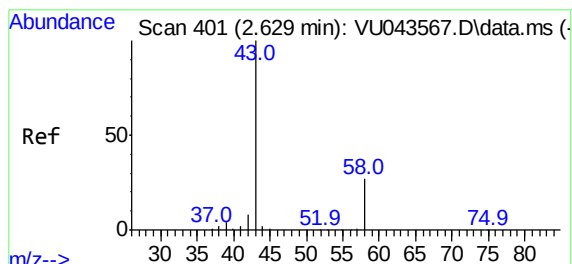
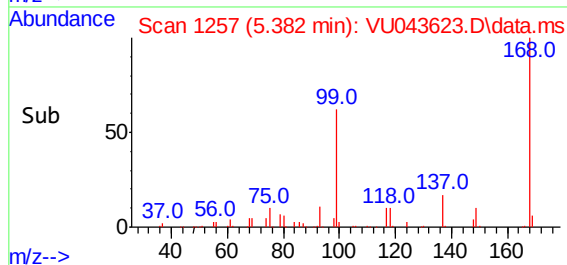
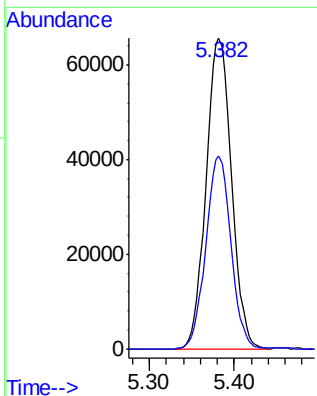
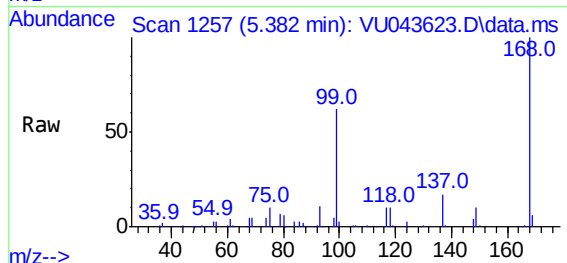




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VU043623.D
Acq: 07 May 2021 19:22

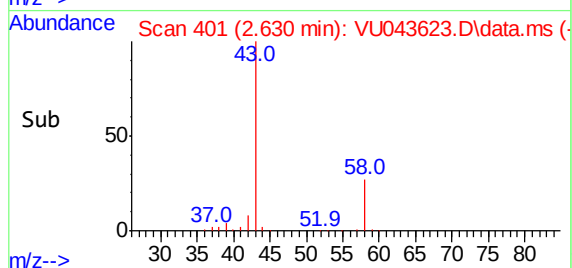
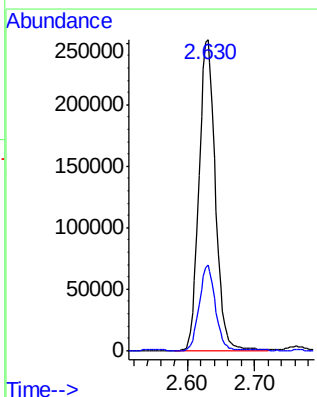
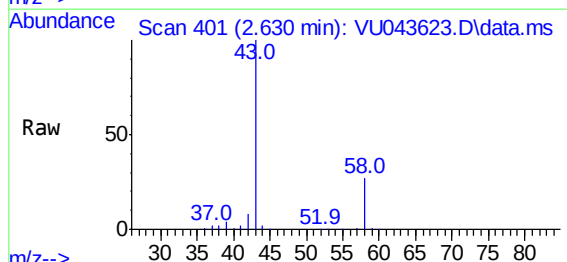
Instrument :
MSVOA_U
ClientSampleId :
DRUM-B-C-ERE

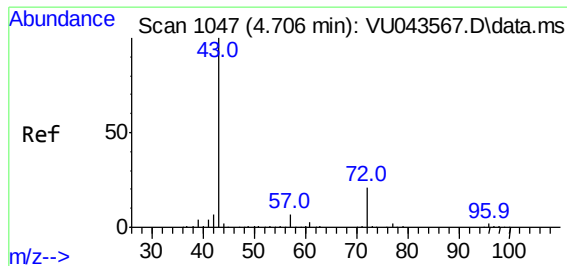
Tgt Ion:168 Resp: 136092
Ion Ratio Lower Upper
168 100
99 62.2 49.0 73.6



#16
Acetone
Concen: 279.45 ug/l
RT: 2.630 min Scan# 401
Delta R.T. 0.000 min
Lab File: VU043623.D
Acq: 07 May 2021 19:22

Tgt Ion: 43 Resp: 427327
Ion Ratio Lower Upper
43 100
58 27.3 21.7 32.5

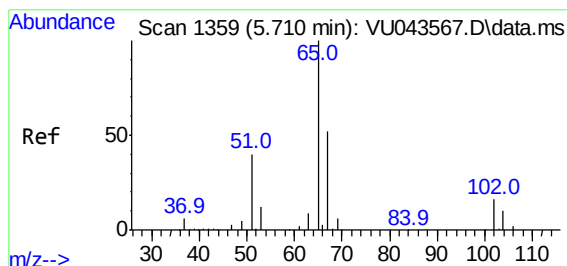
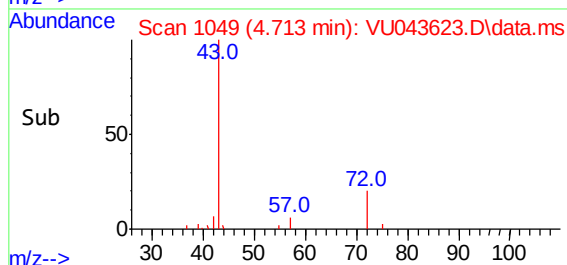
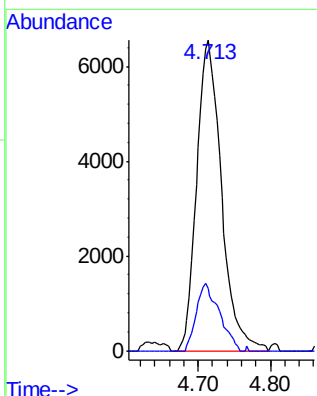
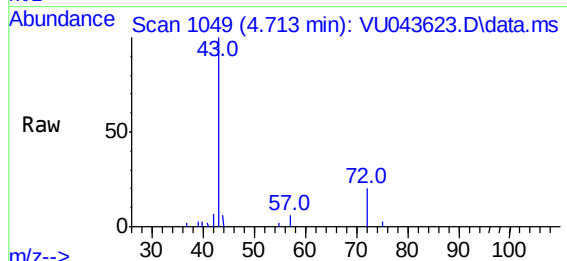




#25
2-Butanone
Concen: 6.60 ug/l
RT: 4.713 min Scan# 1049
Delta R.T. 0.007 min
Lab File: VU043623.D
Acq: 07 May 2021 19:22

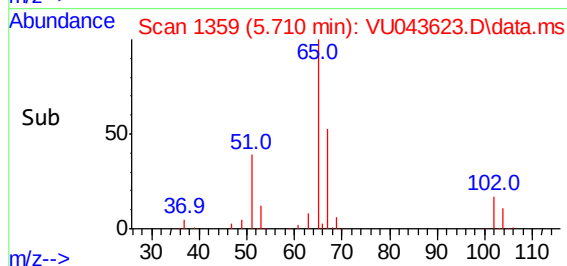
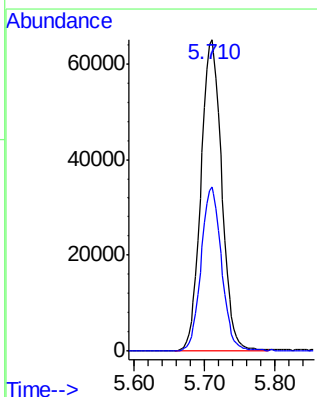
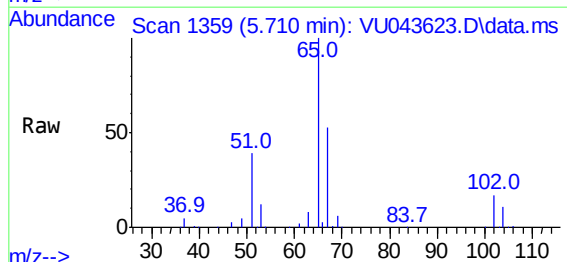
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MSVOA_U
ClientSampleId :
DRUM-B-C-ERE

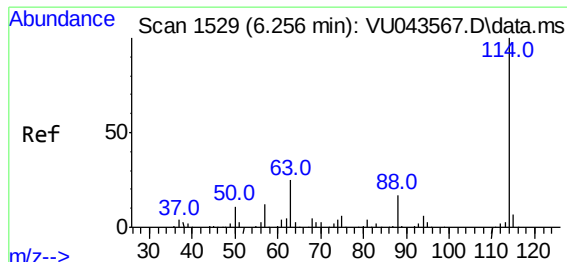
Tgt Ion: 43 Resp: 15559
Ion Ratio Lower Upper
43 100
72 20.1 16.5 24.7



#33
1,2-Dichloroethane-d4
Concen: 48.16 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VU043623.D
Acq: 07 May 2021 19:22

Tgt Ion: 65 Resp: 132679
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.6

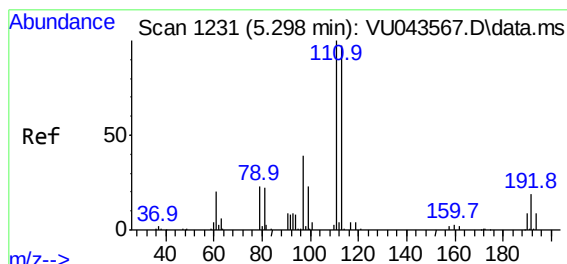
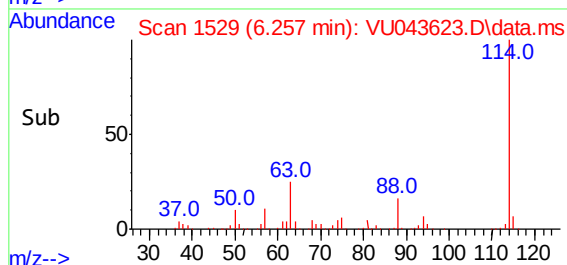
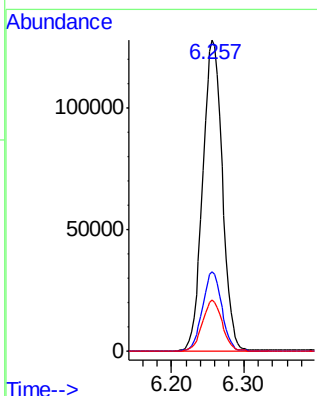
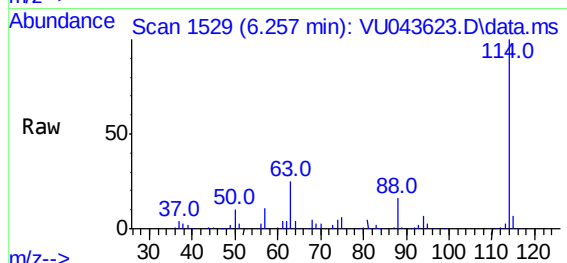




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.257 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043623.D
Acq: 07 May 2021 19:22

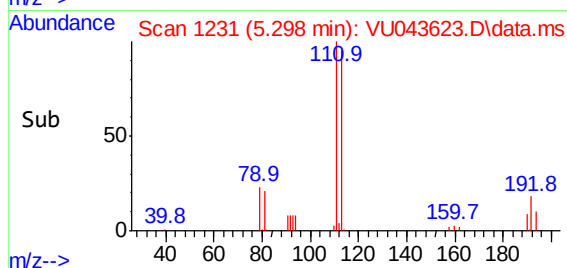
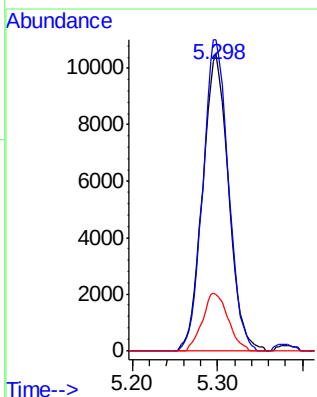
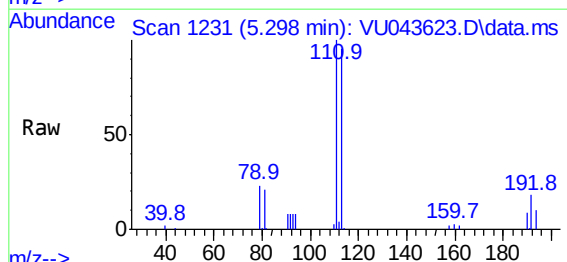
Instrument :
MSVOA_U
ClientSampleId :
DRUM-B-C-ERE

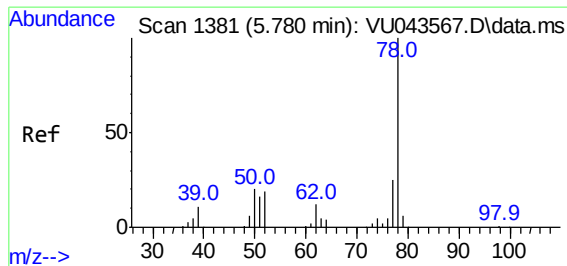
Tgt Ion:114 Resp: 240064
Ion Ratio Lower Upper
114 100
63 25.3 0.0 50.2
88 16.3 0.0 33.8



#35
Dibromofluoromethane
Concen: 11.58 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043623.D
Acq: 07 May 2021 19:22

Tgt Ion:113 Resp: 22164
Ion Ratio Lower Upper
113 100
111 102.8 82.3 123.5
192 18.9 15.8 23.6

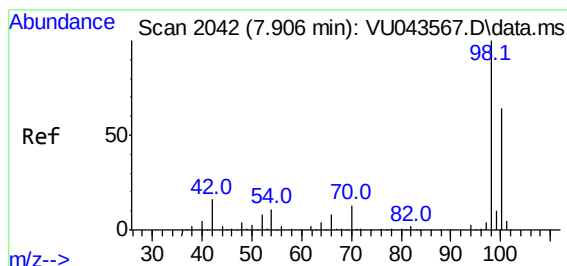
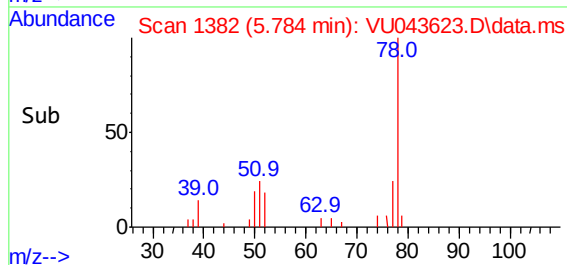
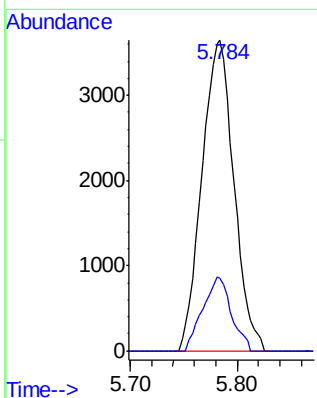
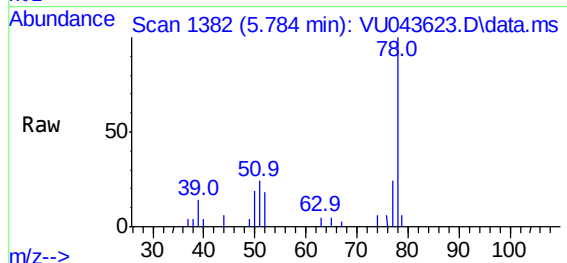




#40
Benzene
Concen: 0.92 ug/l
RT: 5.784 min Scan# 1382
Delta R.T. 0.004 min
Lab File: VU043623.D
Acq: 07 May 2021 19:22

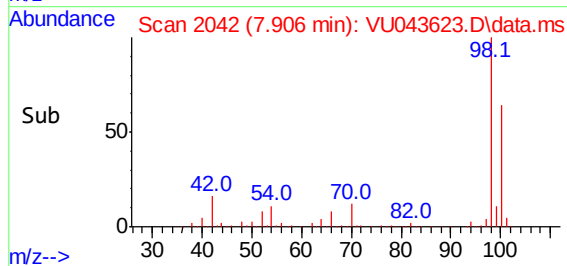
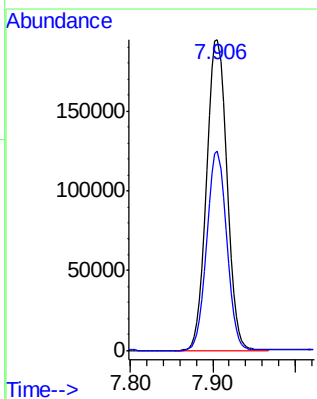
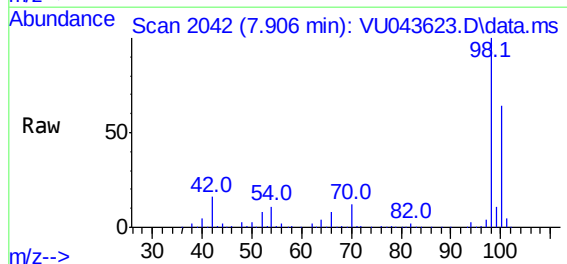
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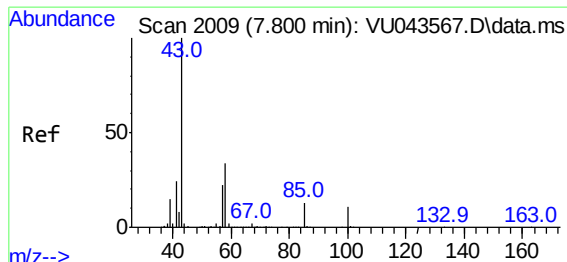
Tgt Ion: 78 Resp: 7526
Ion Ratio Lower Upper
78 100
77 23.6 19.7 29.5



#50
Toluene-d8
Concen: 48.64 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VU043623.D
Acq: 07 May 2021 19:22

Tgt Ion: 98 Resp: 330189
Ion Ratio Lower Upper
98 100
100 62.8 50.5 75.7

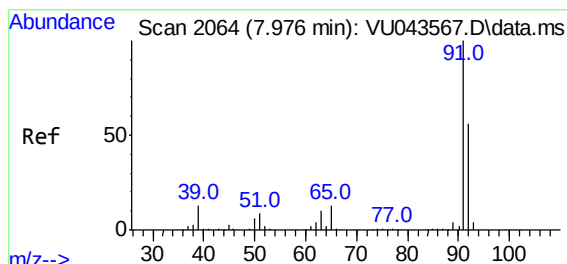
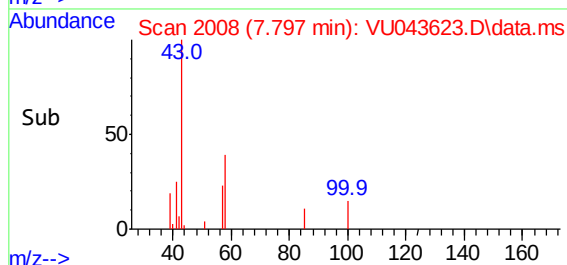
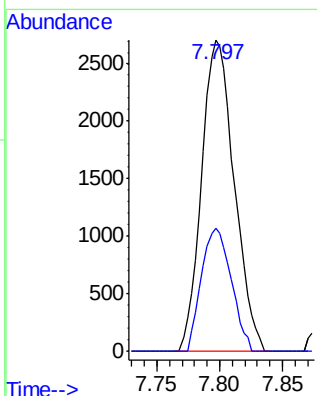
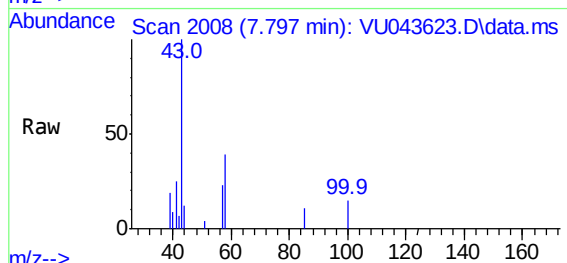




#51
4-Methyl-2-Pentanone
Concen: 20.00 ug/l
RT: 7.797 min Scan# 2008
Delta R.T. -0.003 min
Lab File: VU043623.D
Acq: 07 May 2021 19:22

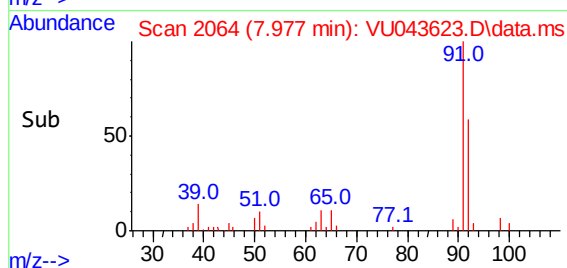
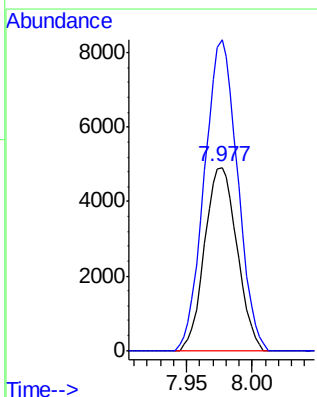
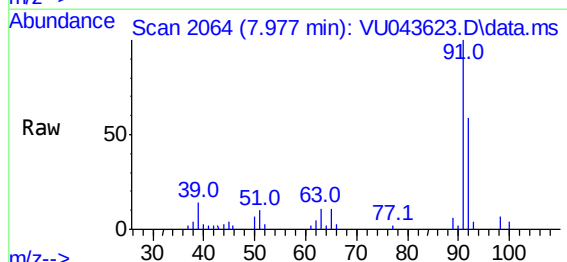
Instrument :
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ClientSampleId :
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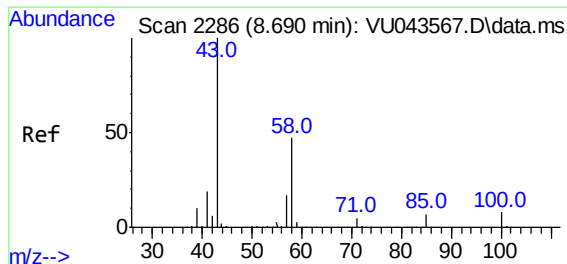
Tgt Ion: 43 Resp: 4868
Ion Ratio Lower Upper
43 100
58 35.9 27.2 40.8



#52
Toluene
Concen: 1.78 ug/l
RT: 7.977 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043623.D
Acq: 07 May 2021 19:22

Tgt Ion: 92 Resp: 8397
Ion Ratio Lower Upper
92 100
91 174.2 140.9 211.3

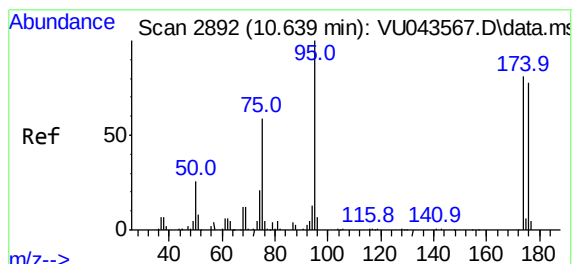
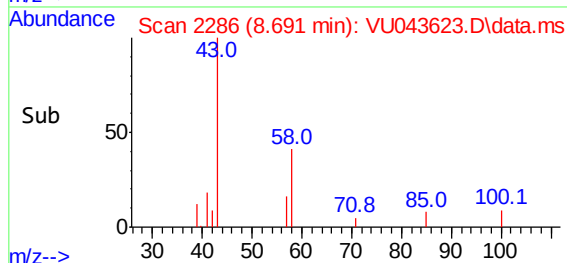
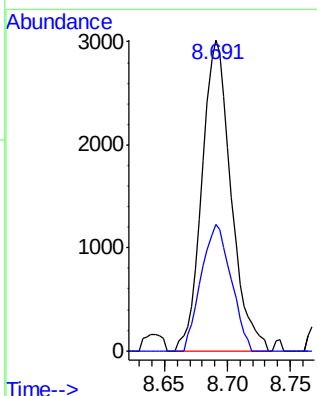
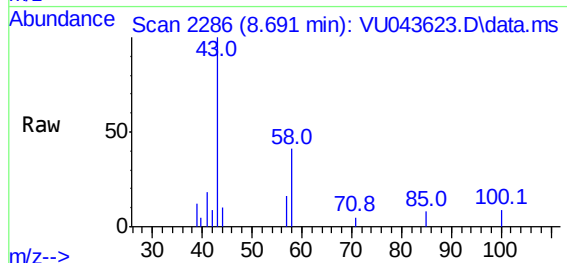




#59
2-Hexanone
Concen: 21.70 ug/l
RT: 8.691 min Scan# 2286
Delta R.T. 0.001 min
Lab File: VU043623.D
Acq: 07 May 2021 19:22

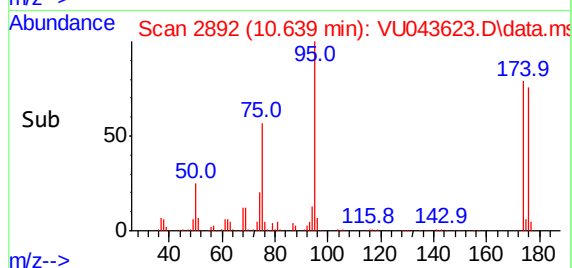
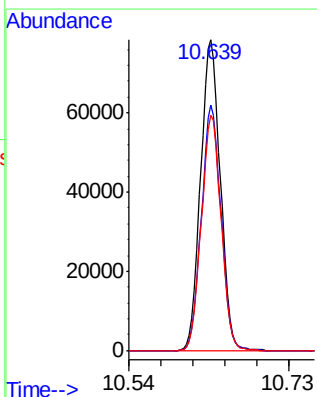
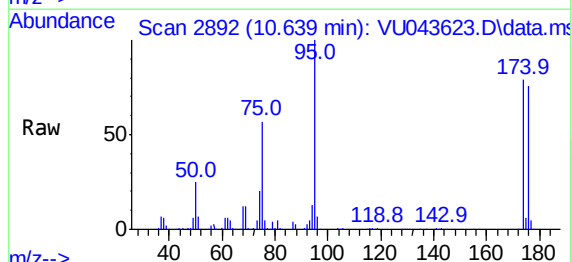
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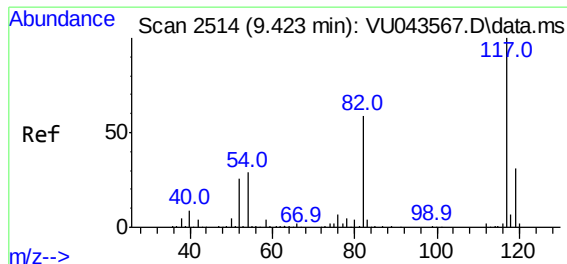
Tgt Ion: 43 Resp: 4838
Ion Ratio Lower Upper
43 100
58 41.7 23.4 70.2



#62
4-Bromofluorobenzene
Concen: 48.65 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.000 min
Lab File: VU043623.D
Acq: 07 May 2021 19:22

Tgt Ion: 95 Resp: 125650
Ion Ratio Lower Upper
95 100
174 78.7 0.0 158.8
176 75.6 0.0 155.6

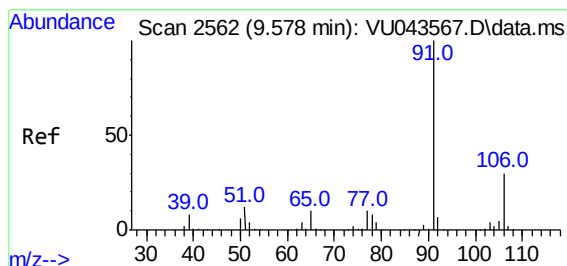
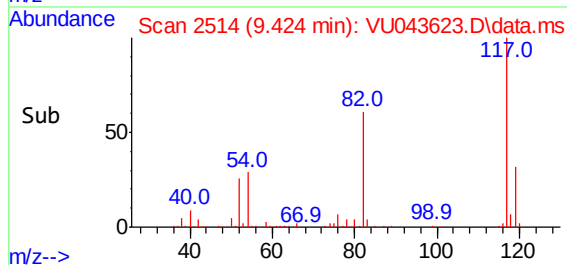
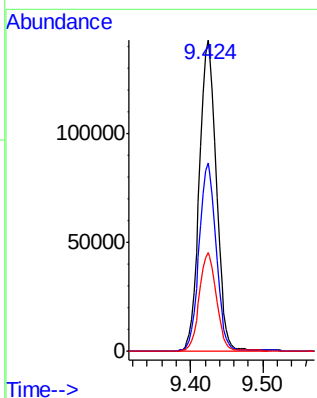
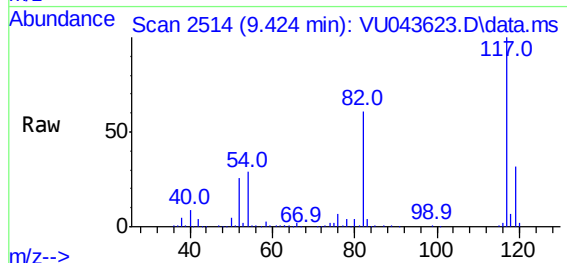




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.424 min Scan# 2514
Delta R.T. 0.001 min
Lab File: VU043623.D
Acq: 07 May 2021 19:22

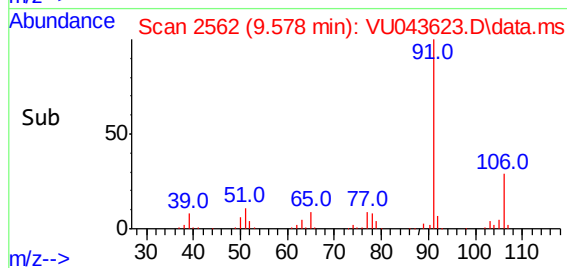
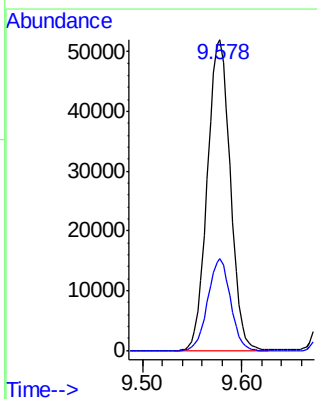
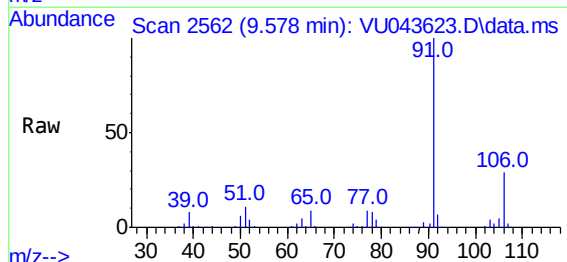
Instrument :
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DRUM-B-C-ERE

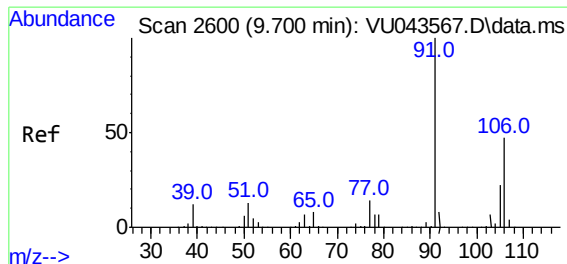
Tgt Ion:117 Resp: 233424
Ion Ratio Lower Upper
117 100
82 60.6 47.5 71.3
119 31.7 24.7 37.1



#67
Ethyl Benzene
Concen: 9.29 ug/l
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU043623.D
Acq: 07 May 2021 19:22

Tgt Ion: 91 Resp: 83173
Ion Ratio Lower Upper
91 100
106 29.5 24.0 36.0

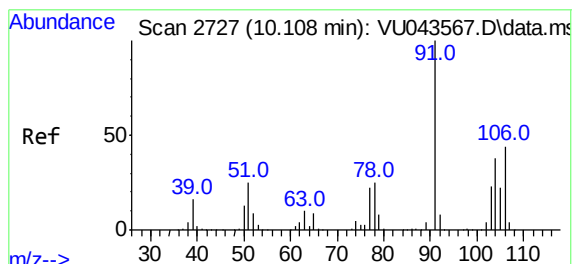
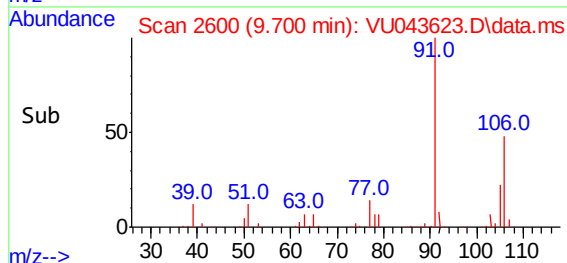
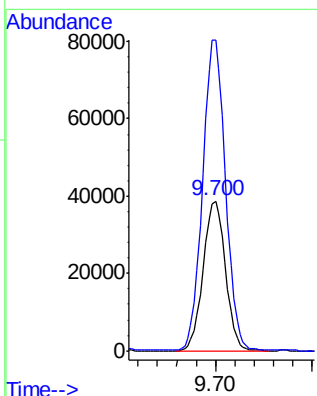
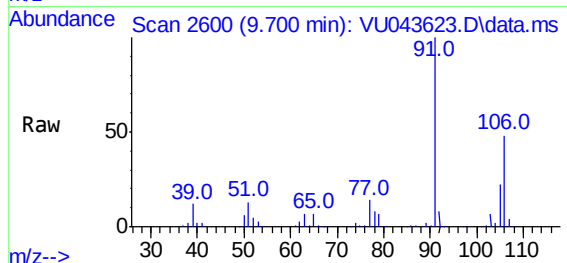




#68
m/p-Xylenes
Concen: 18.45 ug/l
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU043623.D
Acq: 07 May 2021 19:22

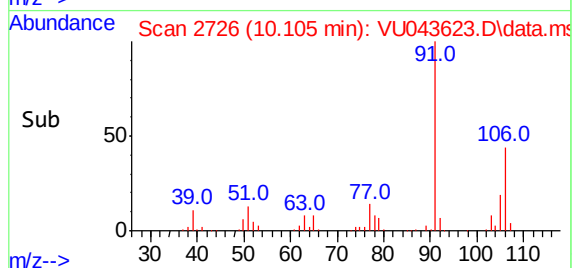
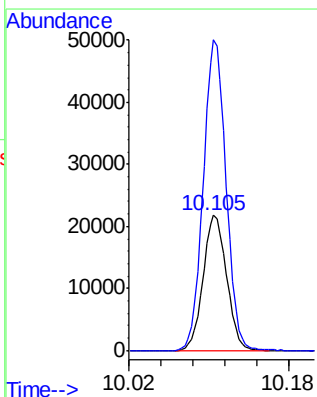
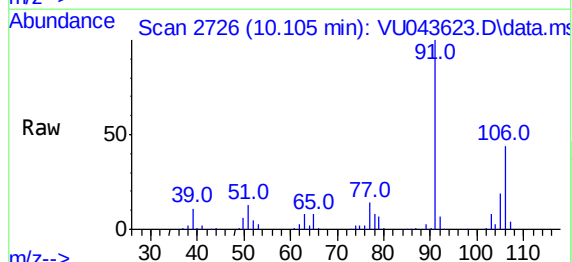
Instrument :
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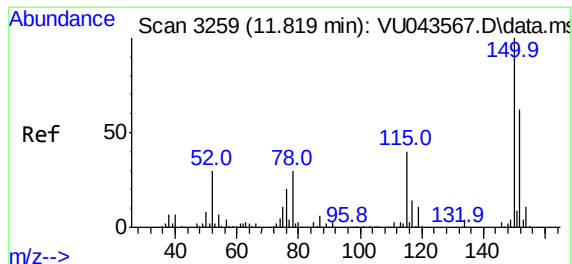
Tgt Ion:106 Resp: 62128
Ion Ratio Lower Upper
106 100
91 211.2 171.7 257.5



#69
o-Xylene
Concen: 11.15 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. -0.003 min
Lab File: VU043623.D
Acq: 07 May 2021 19:22

Tgt Ion:106 Resp: 35484
Ion Ratio Lower Upper
106 100
91 223.2 114.5 343.5

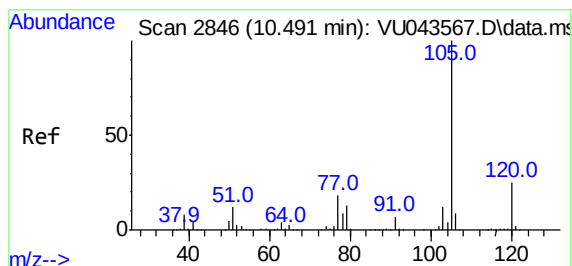
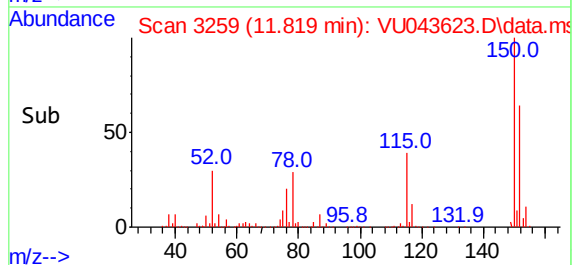
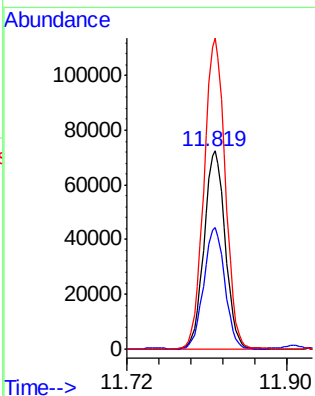
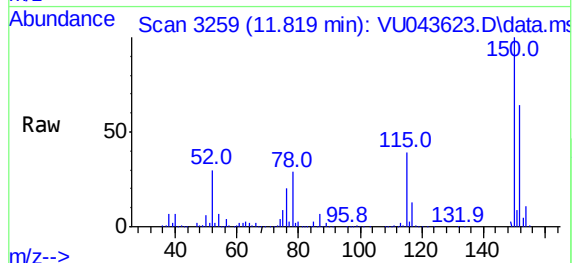




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. 0.000 min
Lab File: VU043623.D
Acq: 07 May 2021 19:22

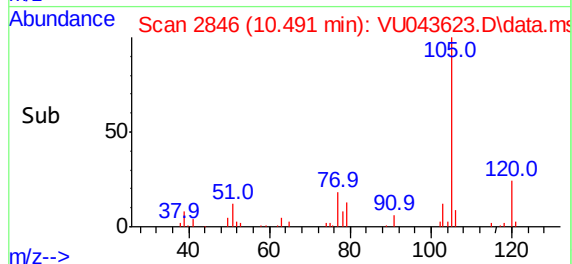
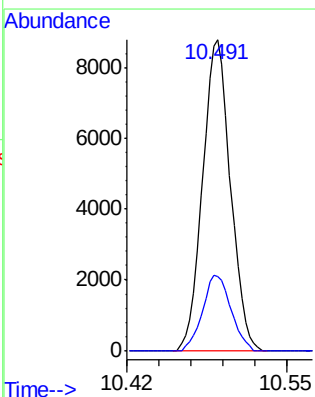
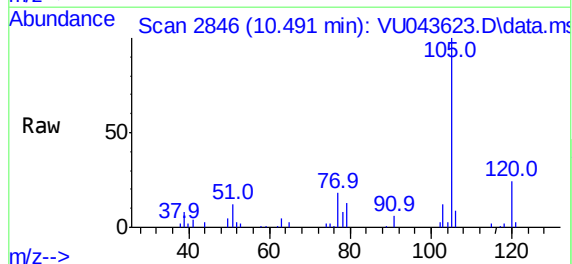
Instrument :
MSVOA_U
ClientSampleId :
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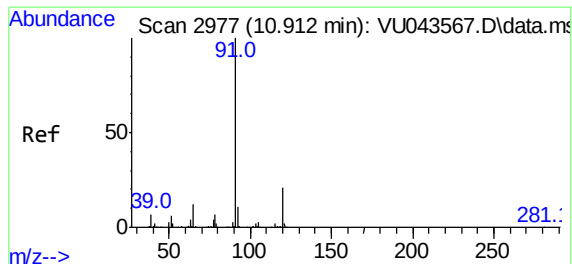
Tgt Ion:152 Resp: 113660
Ion Ratio Lower Upper
152 100
115 61.1 46.1 138.3
150 158.2 0.0 361.0



#73
Isopropylbenzene
Concen: 1.66 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU043623.D
Acq: 07 May 2021 19:22

Tgt Ion:105 Resp: 13545
Ion Ratio Lower Upper
105 100
120 24.7 12.6 37.6

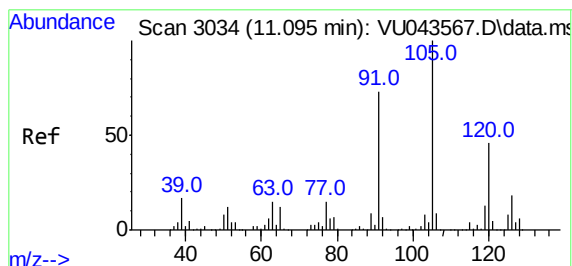
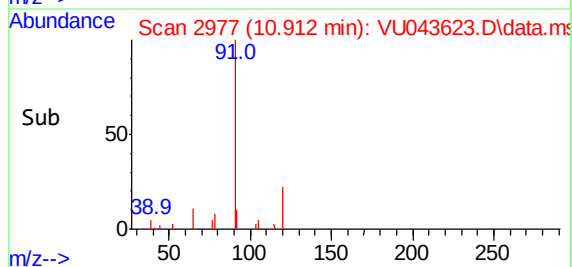
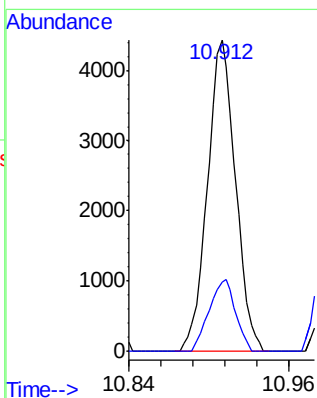
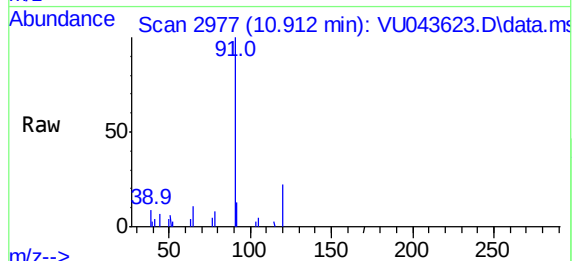




#78
n-propylbenzene
Concen: 0.66 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. 0.000 min
Lab File: VU043623.D
Acq: 07 May 2021 19:22

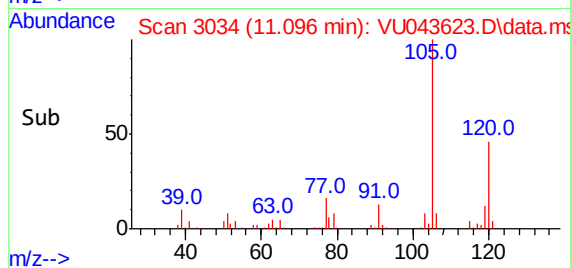
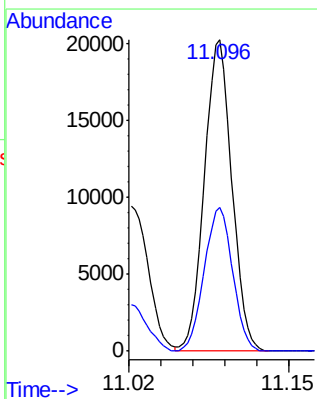
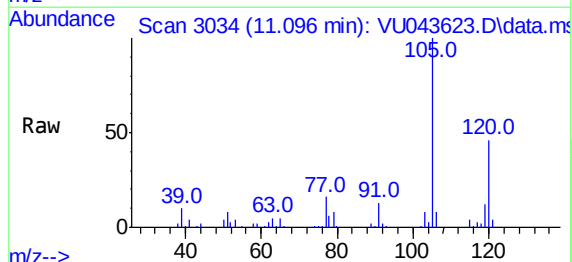
Instrument :
MSVOA_U
ClientSampleId :
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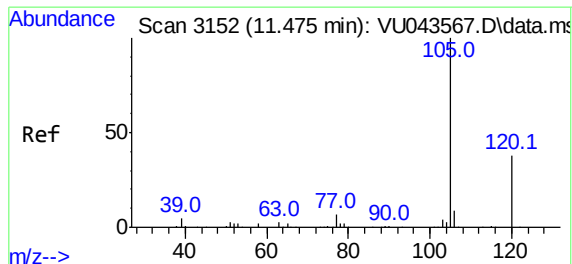
Tgt Ion: 91 Resp: 6560
Ion Ratio Lower Upper
91 100
120 21.5 10.4 31.2



#80
1,3,5-Trimethylbenzene
Concen: 4.65 ug/l
RT: 11.096 min Scan# 3034
Delta R.T. 0.001 min
Lab File: VU043623.D
Acq: 07 May 2021 19:22

Tgt Ion:105 Resp: 30504
Ion Ratio Lower Upper
105 100
120 47.5 22.9 68.7

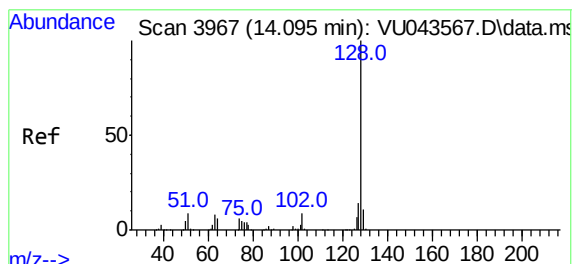
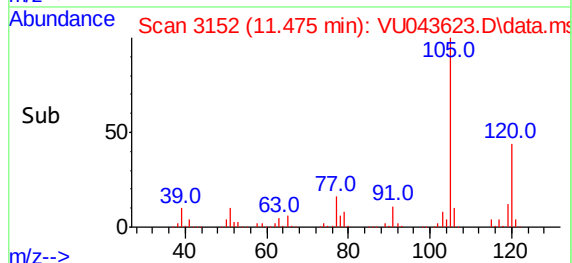
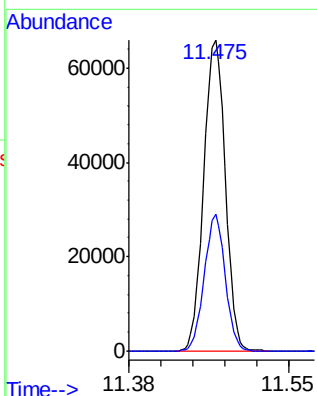
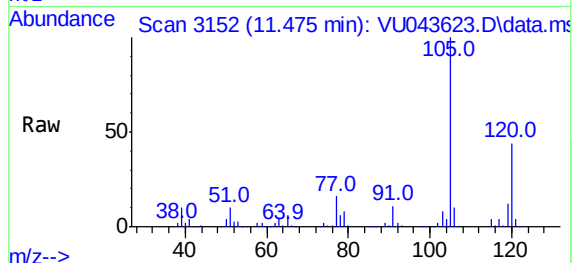




#84
1,2,4-Trimethylbenzene
Concen: 13.97 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU043623.D
Acq: 07 May 2021 19:22

Instrument :
MSVOA_U
ClientSampleId :
DRUM-B-C-ERE

Tgt Ion:105 Resp: 102261
Ion Ratio Lower Upper
105 100
120 42.5 21.4 64.2



#95
Naphthalene
Concen: 469.99 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU043623.D
Acq: 07 May 2021 19:22

Tgt Ion:128 Resp: 4659759
Ion Ratio Lower Upper
128 100
127 13.6 10.7 16.1
129 10.9 8.6 12.8

