

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040621\
 Data File : VU042963.D
 Acq On : 06 Apr 2021 18:29
 Operator : SY/MD
 Sample : M1949-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 07 01:45:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 25 05:42:00 2021
 Response via : Initial Calibration

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

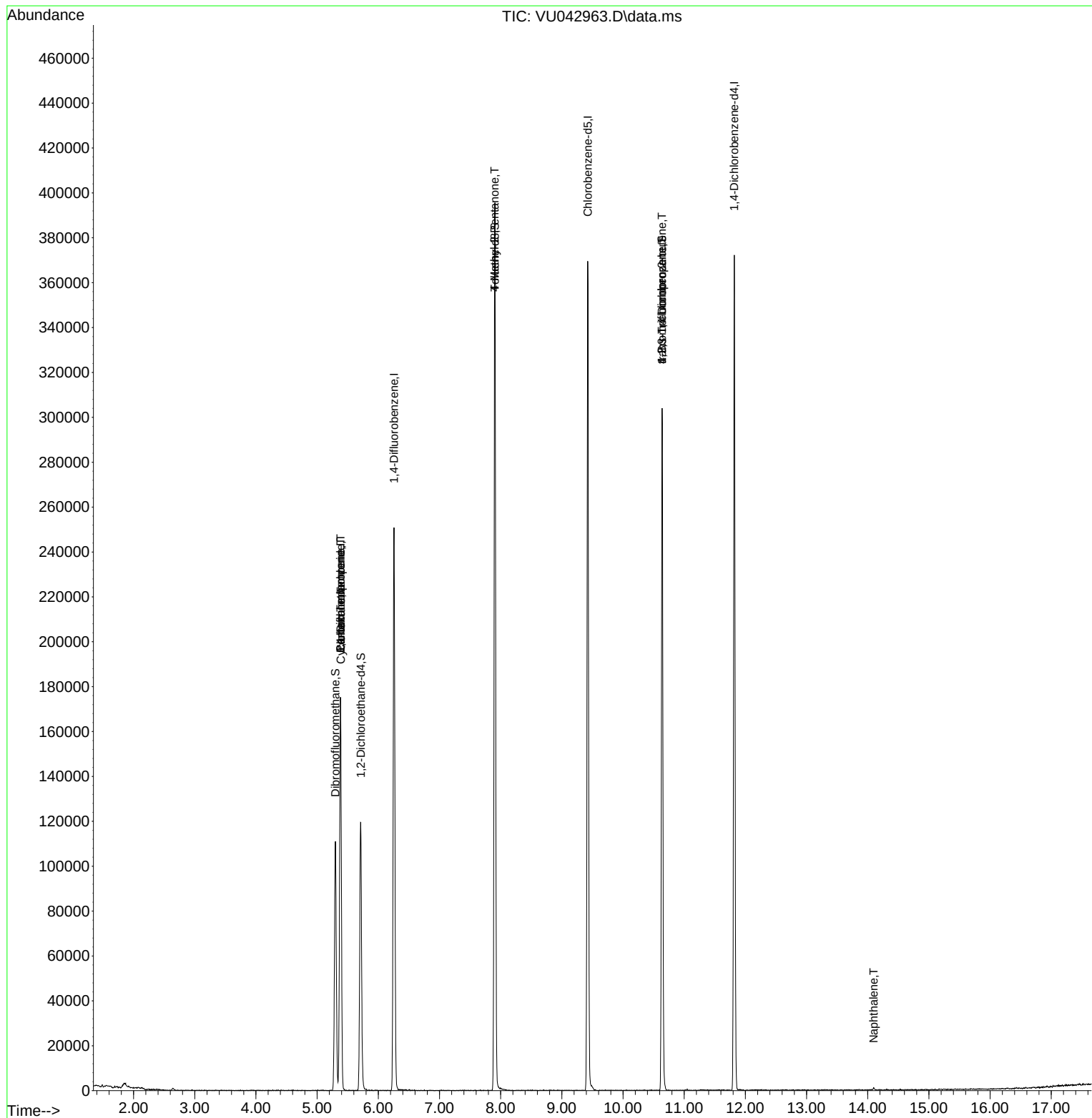
Internal Standards						
1) Pentafluorobenzene	5.382	168	118776	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	191008	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	184130	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	91919	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	96537	50.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.96%	
35) Dibromofluoromethane	5.298	113	66831	46.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.76%	
50) Toluene-d8	7.906	98	244073	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.34%	
62) 4-Bromofluorobenzene	10.639	95	90762	46.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.14%	
Target Compounds						
						Qvalue
5) Bromomethane	1.867	94	66	Below Cal	#	2
6) Chloroethane	1.919	64	63	Below Cal	#	43
16) Acetone	2.639	43	1162	Below Cal		90
31) Cyclohexane	5.385	56	3018	1.28	ug/l #	11
36) 1,1-Dichloropropene	5.382	75	9624	5.09	ug/l #	51
38) Carbon Tetrachloride	5.382	117	11642	5.40	ug/l #	17
51) 4-Methyl-2-Pentanone	7.903	43	1261	0.41	ug/l #	1
76) 1,2,3-Trichloropropane	10.639	75	52026	22.26	ug/l #	37
81) trans-1,4-Dichloro-2-b...	10.639	75	52026	65.94	ug/l #	6
95) Naphthalene	14.095	128	1146	2.75	ug/l #	78

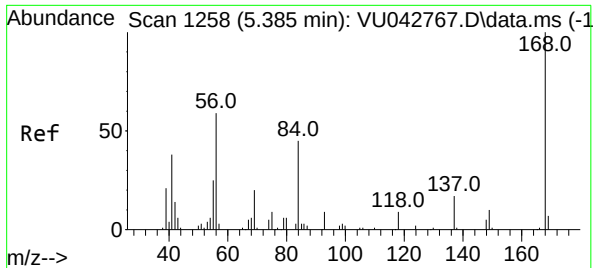
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 25 05:42:00 2021
Response via : Initial Calibration

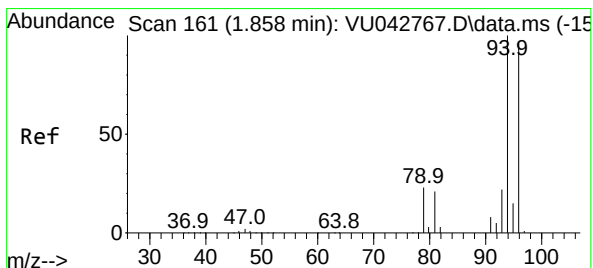
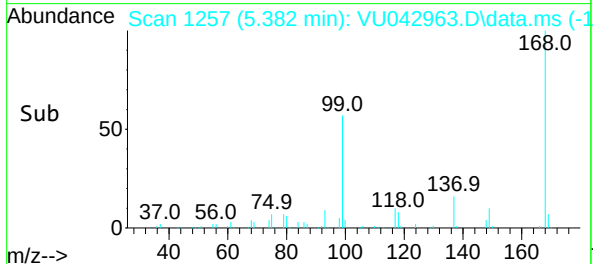
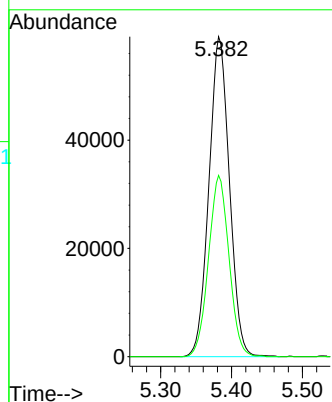
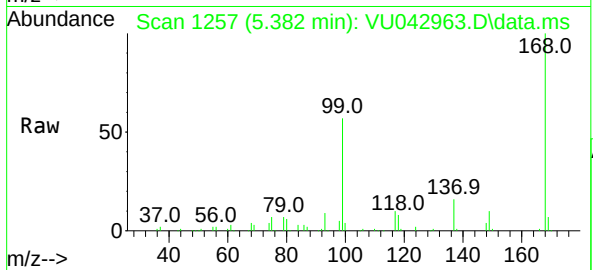




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU042963.D
Acq: 06 Apr 2021 18:29

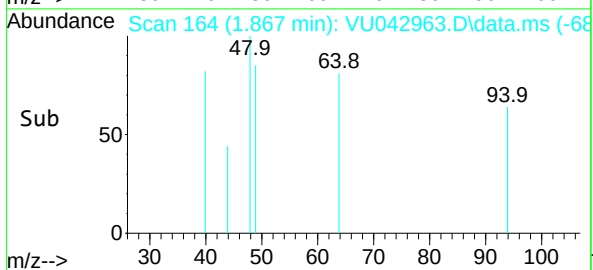
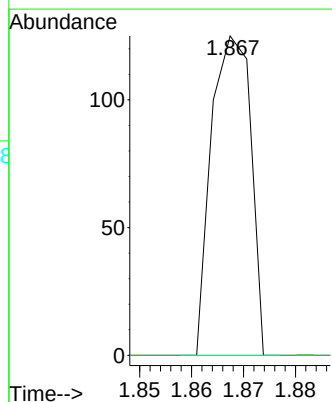
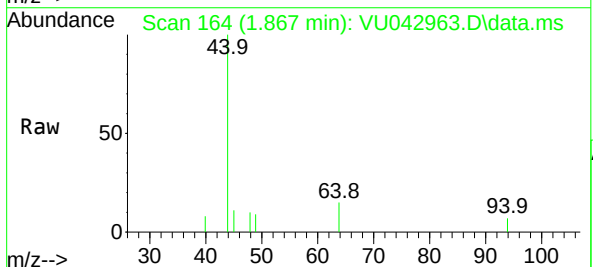
Instrument :
MSVOA_U
ClientSampleId :

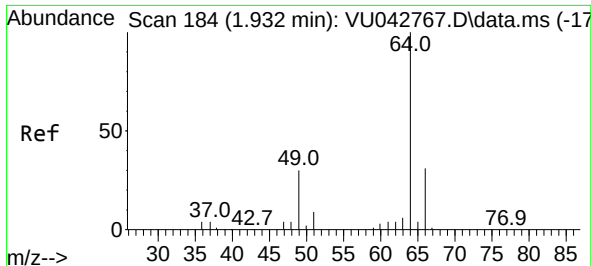
Tgt Ion:168 Resp: 118776
Ion Ratio Lower Upper
168 100
99 56.7 46.4 69.6



#5
Bromomethane
Concen: Below Cal
RT: 1.867 min Scan# 164
Delta R.T. 0.009 min
Lab File: VU042963.D
Acq: 06 Apr 2021 18:29

Tgt Ion: 94 Resp: 66
Ion Ratio Lower Upper
94 100
96 0.0 77.1 115.7#

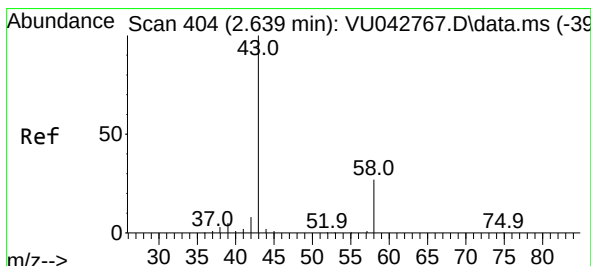
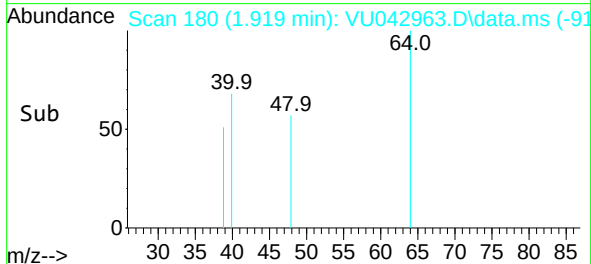
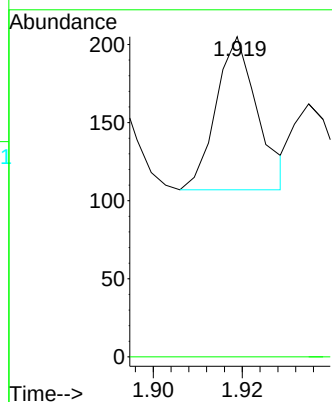
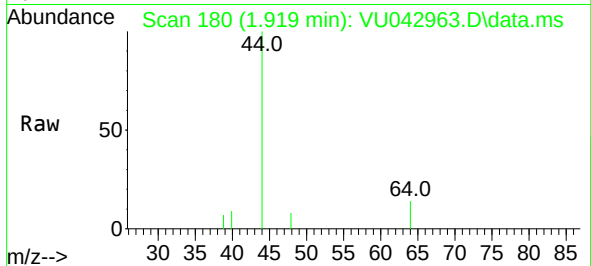




#6
Chloroethane
Concen: Below Cal
RT: 1.919 min Scan# 180
Delta R.T. -0.013 min
Lab File: VU042963.D
Acq: 06 Apr 2021 18:29

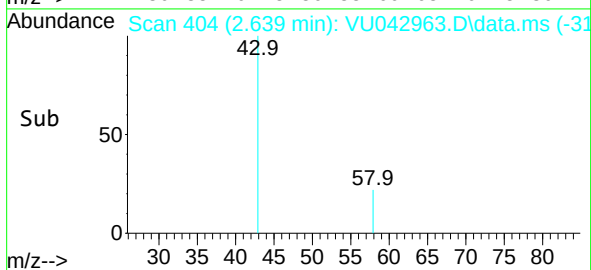
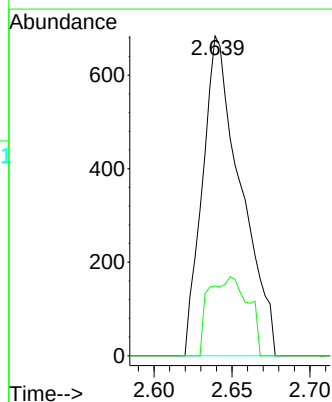
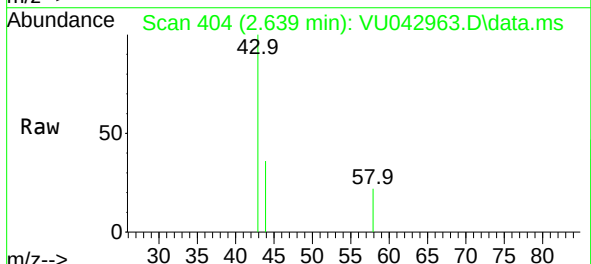
Instrument :
MSVOA_U
ClientSampleId :

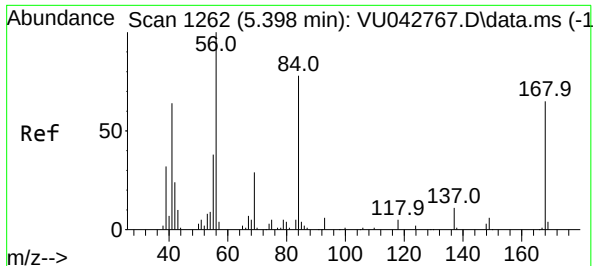
Tgt Ion: 64 Resp: 63
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.6#



#16
Acetone
Concen: Below Cal
RT: 2.639 min Scan# 404
Delta R.T. 0.000 min
Lab File: VU042963.D
Acq: 06 Apr 2021 18:29

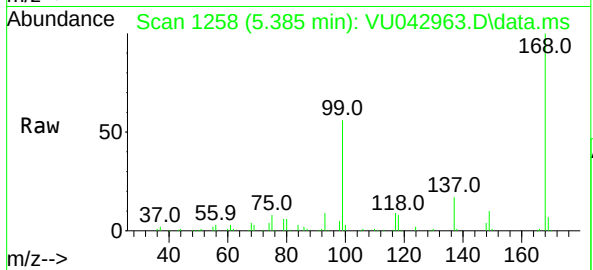
Tgt Ion: 43 Resp: 1162
Ion Ratio Lower Upper
43 100
58 21.8 21.6 32.4



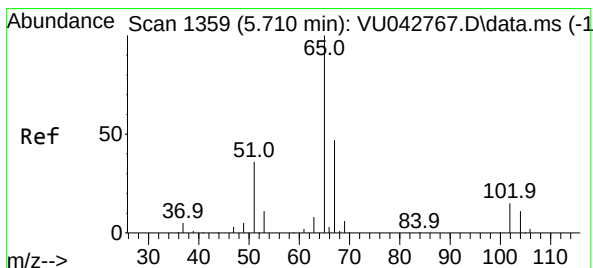
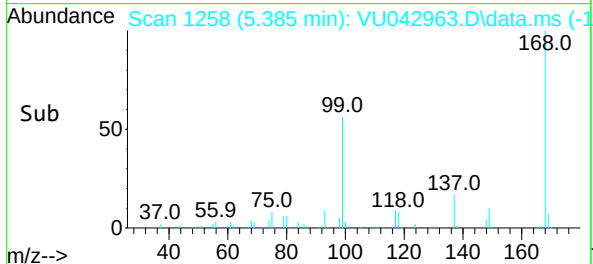
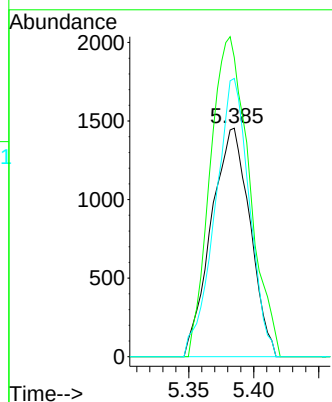


#31
Cyclohexane
Concen: 1.28 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.013 min
Lab File: VU042963.D
Acq: 06 Apr 2021 18:29

Instrument :
MSVOA_U
ClientSampleId :

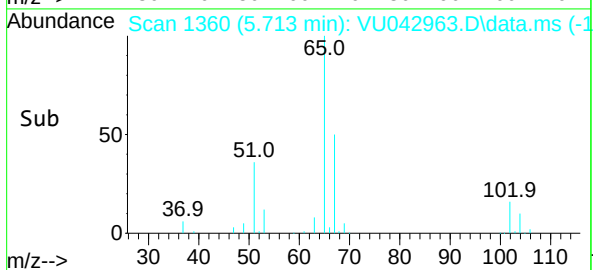
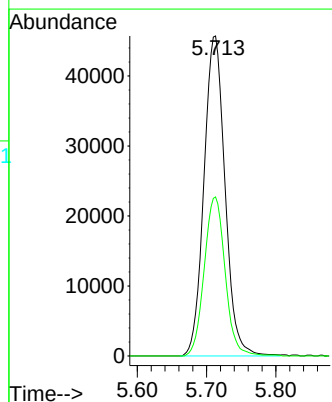
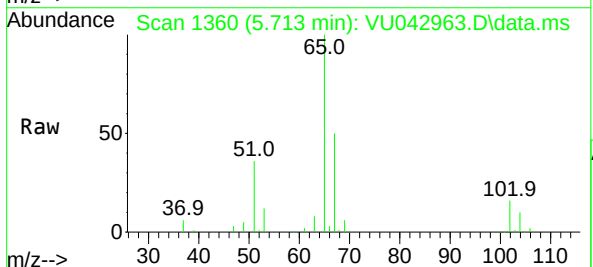


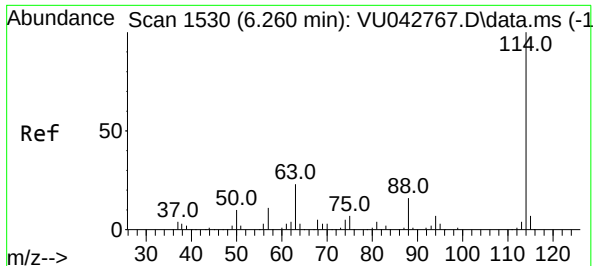
Tgt Ion: 56 Resp: 3018
Ion Ratio Lower Upper
56 100
69 131.0 23.3 34.9#
84 121.8 62.2 93.4#



#33
1,2-Dichloroethane-d4
Concen: 50.98 ug/l
RT: 5.713 min Scan# 1360
Delta R.T. 0.003 min
Lab File: VU042963.D
Acq: 06 Apr 2021 18:29

Tgt Ion: 65 Resp: 96537
Ion Ratio Lower Upper
65 100
67 49.3 0.0 98.8

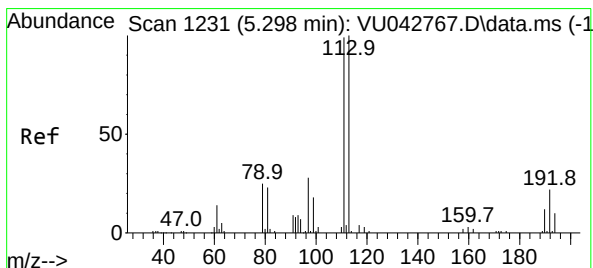
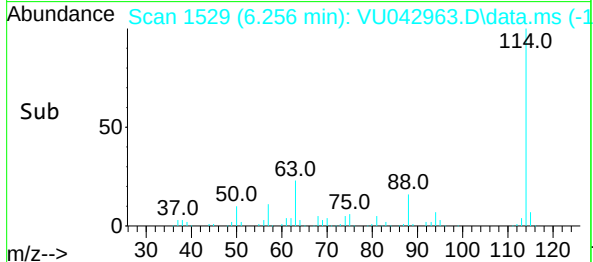
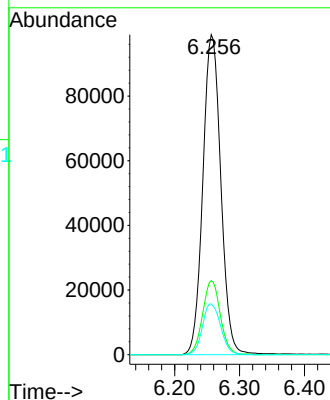
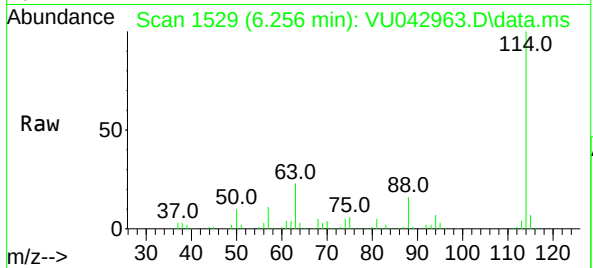




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. -0.004 min
Lab File: VU042963.D
Acq: 06 Apr 2021 18:29

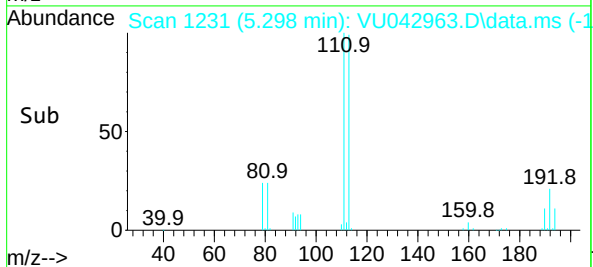
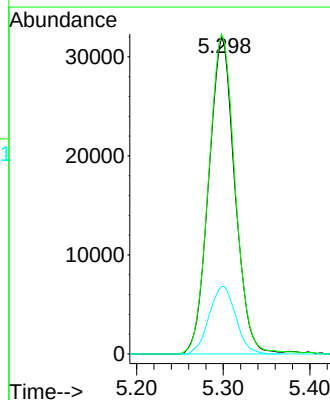
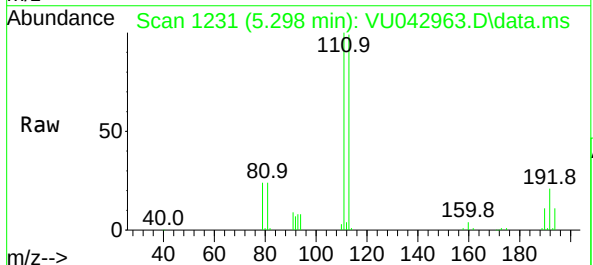
Instrument :
MSVOA_U
ClientSampleId :

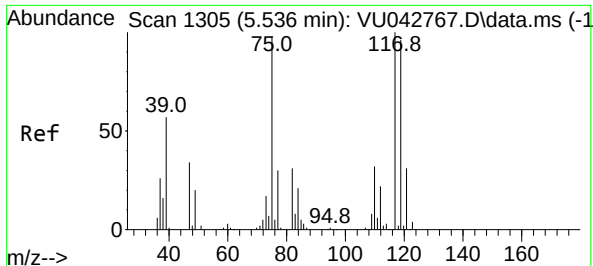
Tgt Ion:114 Resp: 191008
Ion Ratio Lower Upper
114 100
63 23.2 0.0 46.8
88 15.9 0.0 32.2



#35
Dibromofluoromethane
Concen: 46.88 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU042963.D
Acq: 06 Apr 2021 18:29

Tgt Ion:113 Resp: 66831
Ion Ratio Lower Upper
113 100
111 102.9 82.1 123.1
192 21.8 17.6 26.4

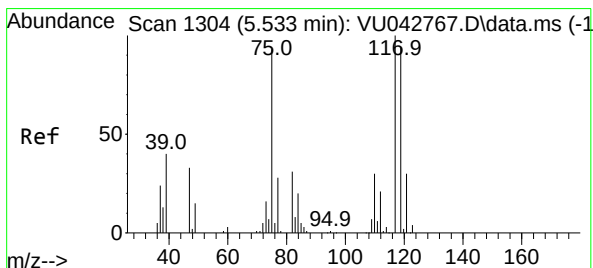
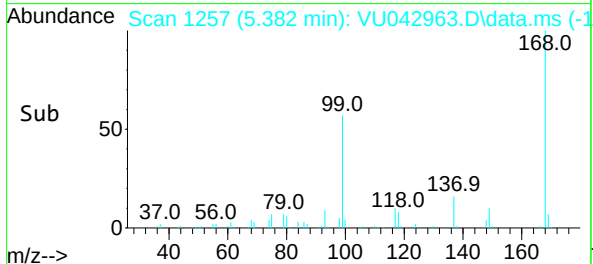
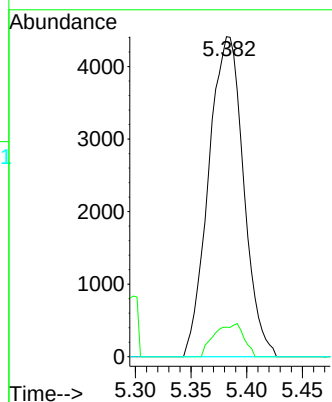
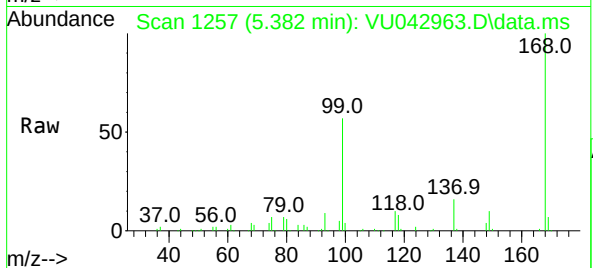




#36
1,1-Dichloropropene
Concen: 5.09 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.154 min
Lab File: VU042963.D
Acq: 06 Apr 2021 18:29

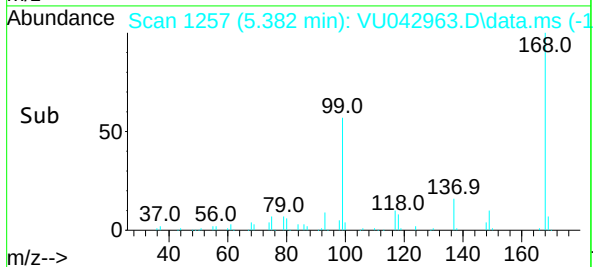
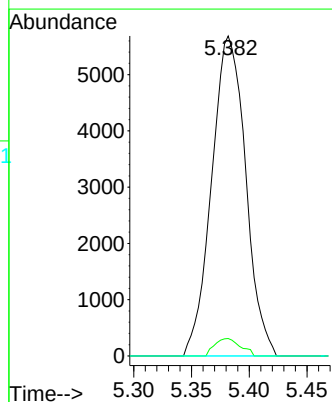
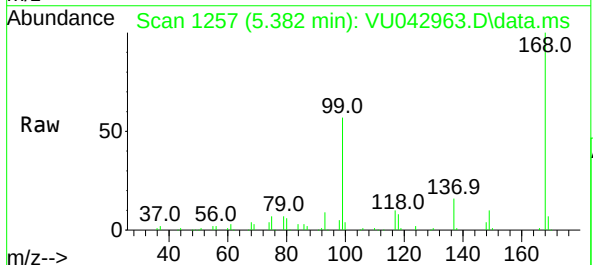
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MSVOA_U
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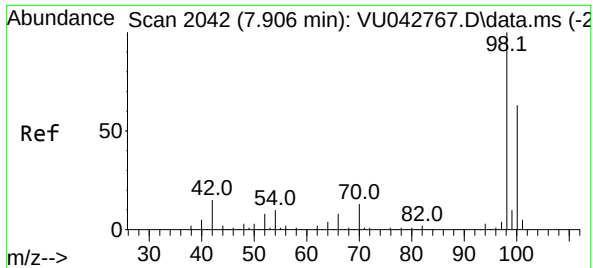
Tgt Ion: 75 Resp: 9624
Ion Ratio Lower Upper
75 100
110 8.7 16.6 49.7#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.40 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU042963.D
Acq: 06 Apr 2021 18:29

Tgt Ion: 117 Resp: 11642
Ion Ratio Lower Upper
117 100
119 5.5 75.2 112.8#
121 0.0 24.2 36.4#

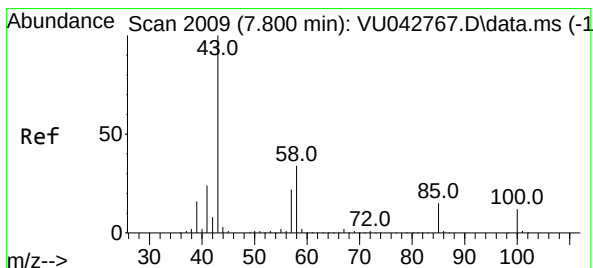
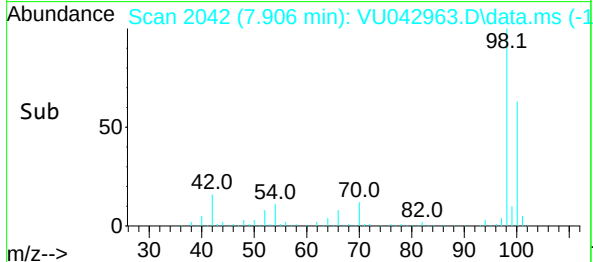
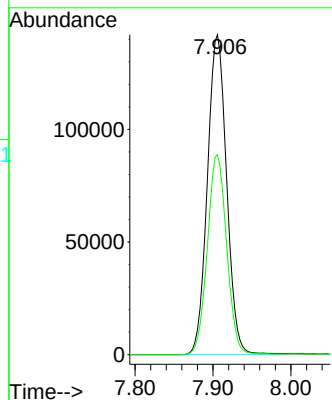
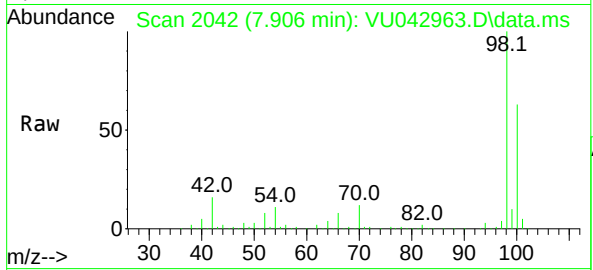




#50
Toluene-d8
Concen: 48.67 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042963.D
Acq: 06 Apr 2021 18:29

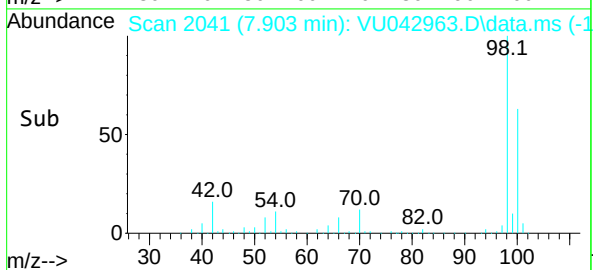
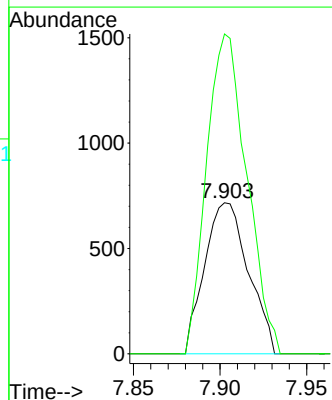
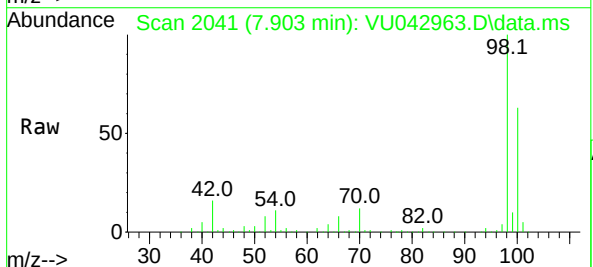
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MSVOA_U
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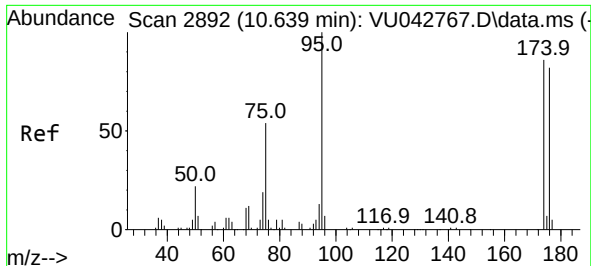
Tgt Ion: 98 Resp: 244073
Ion Ratio Lower Upper
98 100
100 62.8 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 0.41 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.103 min
Lab File: VU042963.D
Acq: 06 Apr 2021 18:29

Tgt Ion: 43 Resp: 1261
Ion Ratio Lower Upper
43 100
58 194.7 27.4 41.2#

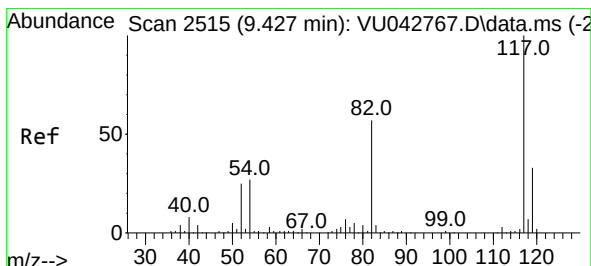
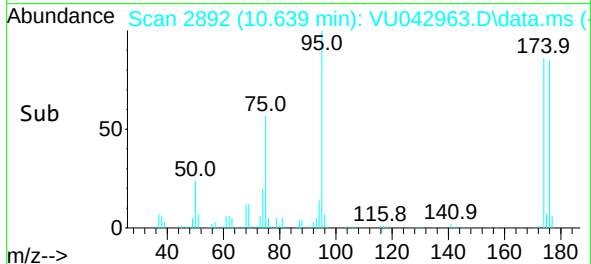
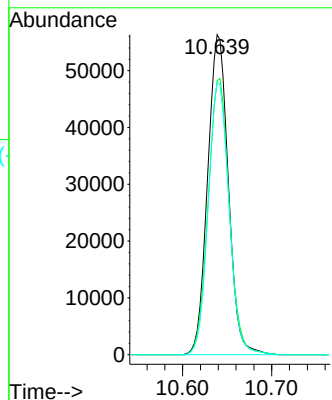
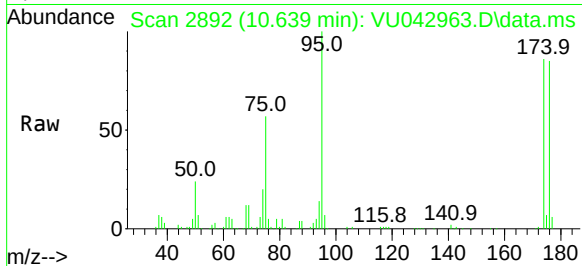




#62
4-Bromofluorobenzene
Concen: 46.57 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU042963.D
Acq: 06 Apr 2021 18:29

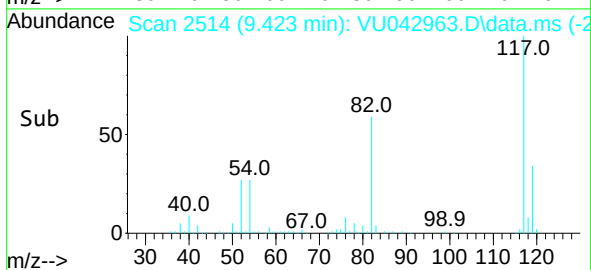
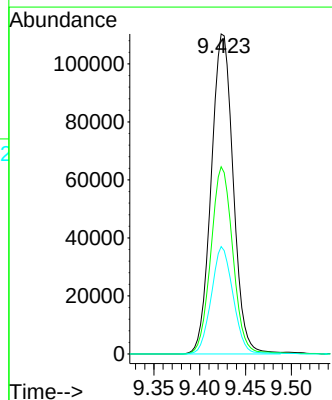
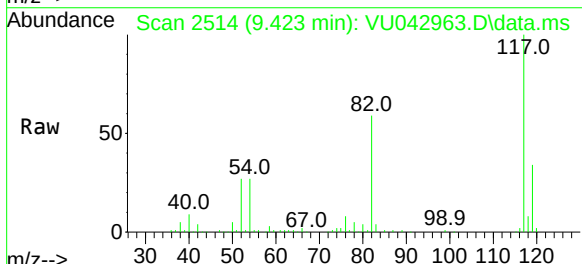
Instrument :
MSVOA_U
ClientSampleId :

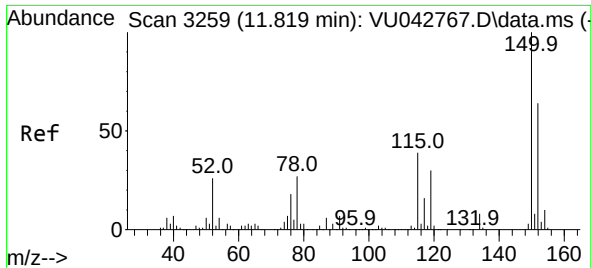
Tgt Ion: 95 Resp: 90762
Ion Ratio Lower Upper
95 100
174 87.8 0.0 175.2
176 85.7 0.0 167.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.003 min
Lab File: VU042963.D
Acq: 06 Apr 2021 18:29

Tgt Ion: 117 Resp: 184130
Ion Ratio Lower Upper
117 100
82 58.5 45.5 68.3
119 33.5 26.2 39.4

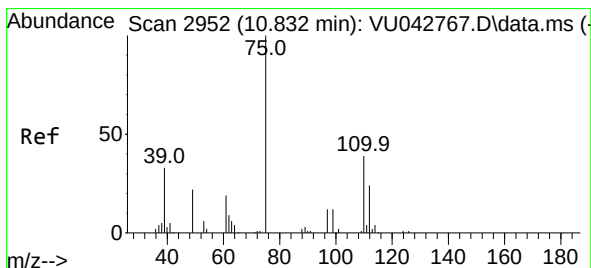
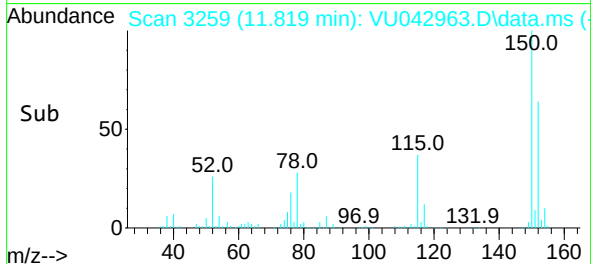
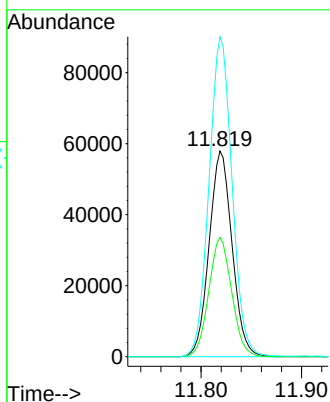
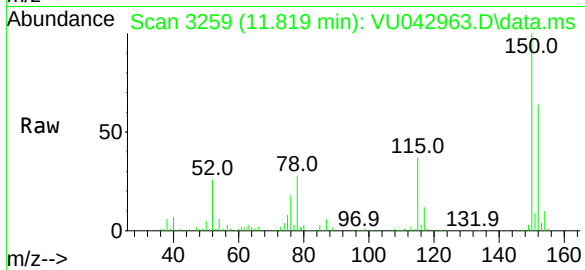




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU042963.D
 Acq: 06 Apr 2021 18:29

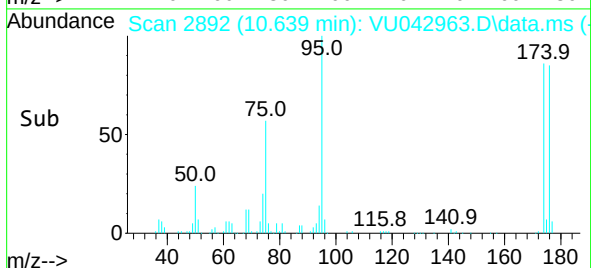
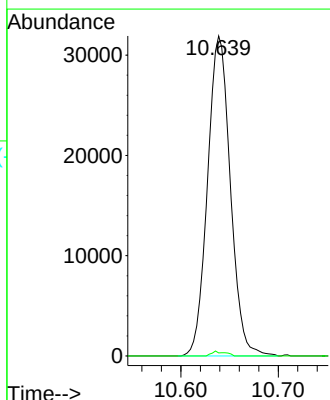
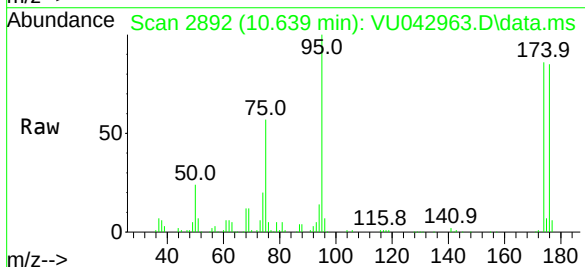
Instrument :
 MSVOA_U
 ClientSampleId :

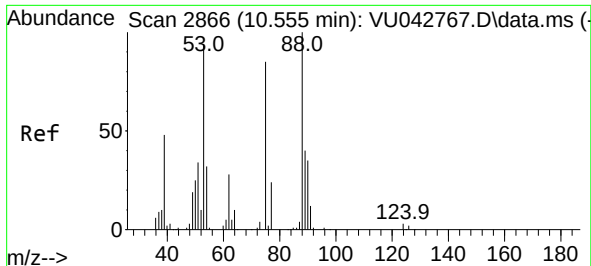
Tgt Ion:152 Resp: 91919
 Ion Ratio Lower Upper
 152 100
 115 57.7 41.0 123.0
 150 155.9 0.0 341.0



#76
 1,2,3-Trichloropropane
 Concen: 22.26 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.193 min
 Lab File: VU042963.D
 Acq: 06 Apr 2021 18:29

Tgt Ion: 75 Resp: 52026
 Ion Ratio Lower Upper
 75 100
 77 0.9 19.6 58.8#

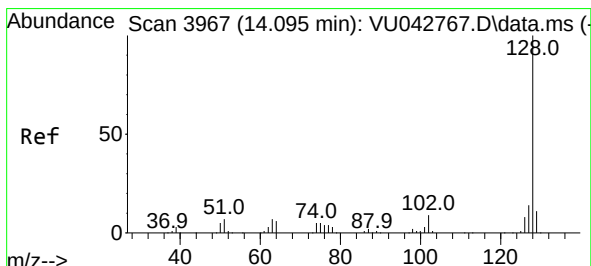
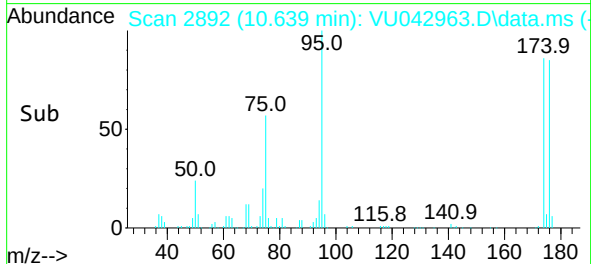
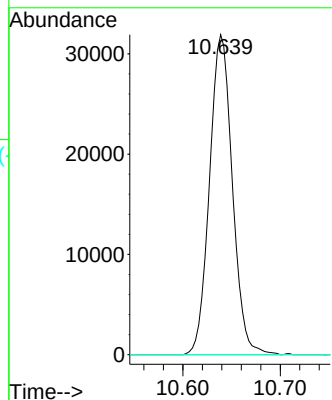
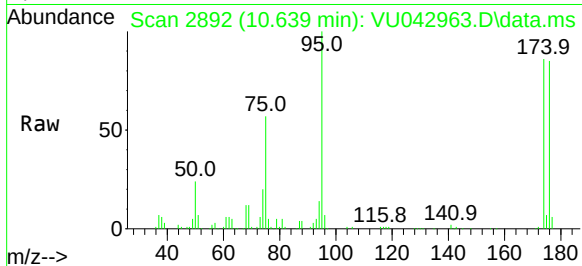




#81
trans-1,4-Dichloro-2-butene
Concen: 65.94 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.083 min
Lab File: VU042963.D
Acq: 06 Apr 2021 18:29

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 52026
Ion Ratio Lower Upper
75 100
53 0.0 88.3 132.5#
89 0.0 35.7 53.5#



#95
Naphthalene
Concen: 2.75 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042963.D
Acq: 06 Apr 2021 18:29

Tgt Ion:128 Resp: 1146
Ion Ratio Lower Upper
128 100
127 4.2 10.9 16.3#
129 3.5 8.7 13.1#

