

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040221\
 Data File : VU042919.D
 Acq On : 03 Apr 2021 00:25
 Operator : SY/MD
 Sample : M1903-07 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 31029

Quant Time: Apr 03 01:42:17 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)

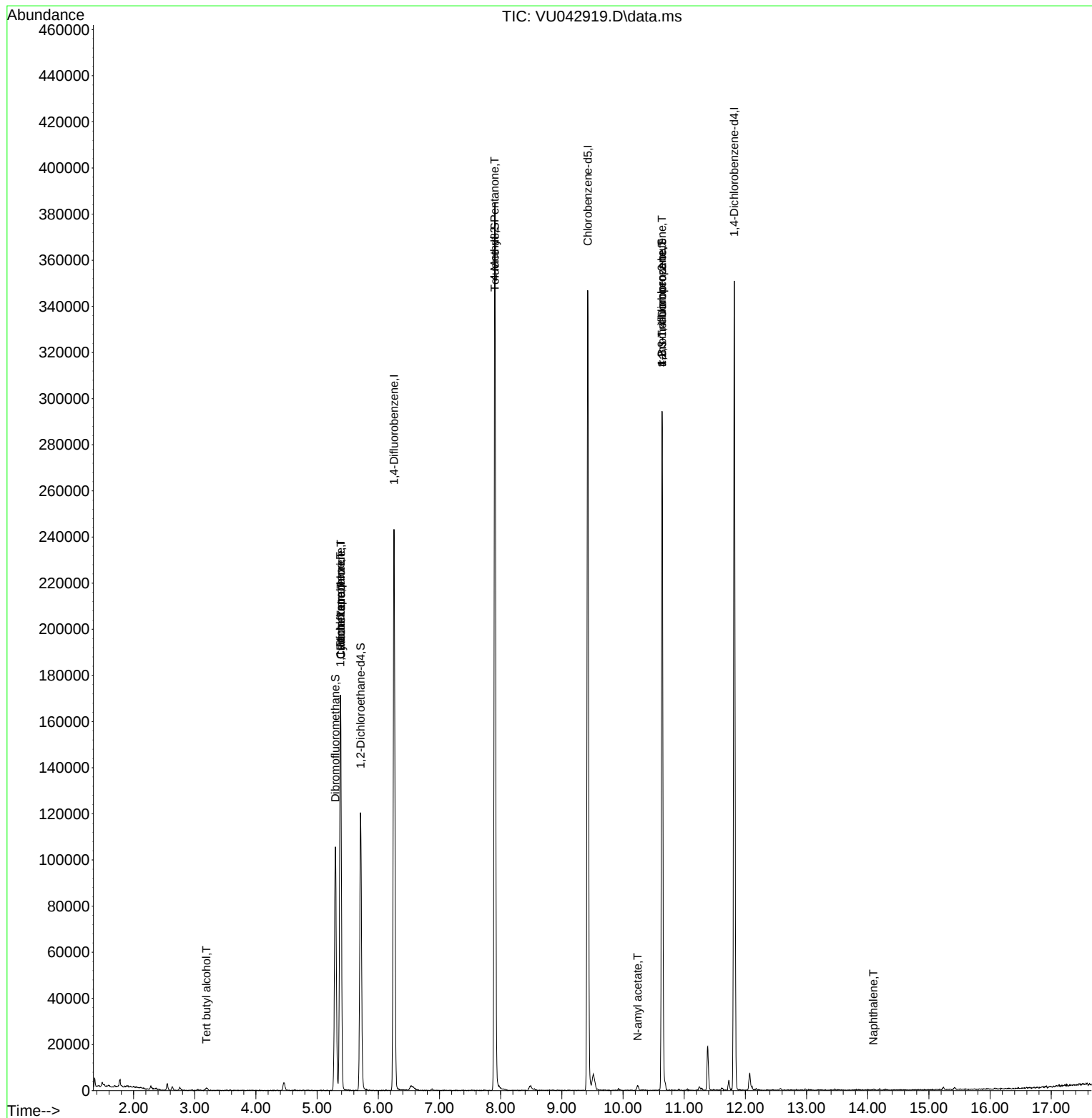
Internal Standards						
1) Pentafluorobenzene	5.382	168	115885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	185534	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	177543	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	86867	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	92494	50.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.14%	
35) Dibromofluoromethane	5.298	113	64310	46.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.88%	
50) Toluene-d8	7.906	98	236218	48.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.98%	
62) 4-Bromofluorobenzene	10.639	95	86038	45.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.90%	
Target Compounds						
6) Chloroethane	1.951	64	209	Below Cal	#	43
11) Tert butyl alcohol	3.189	59	1027	2.60	ug/l #	74
16) Acetone	2.633	43	1883	Below Cal		90
31) Cyclohexane	5.385	56	2673	1.16	ug/l #	23
36) 1,1-Dichloropropene	5.378	75	9639	5.25	ug/l #	47
38) Carbon Tetrachloride	5.385	117	11545	5.51	ug/l #	16
51) 4-Methyl-2-Pentanone	7.899	43	1304	0.43	ug/l #	1
74) N-amyl acetate	10.237	43	771	0.25	ug/l #	3
76) 1,2,3-Trichloropropane	10.639	75	50311	22.77	ug/l #	37
81) trans-1,4-Dichloro-2-b...	10.639	75	50311	67.47	ug/l #	6
95) Naphthalene	14.092	128	301	2.62	ug/l #	68

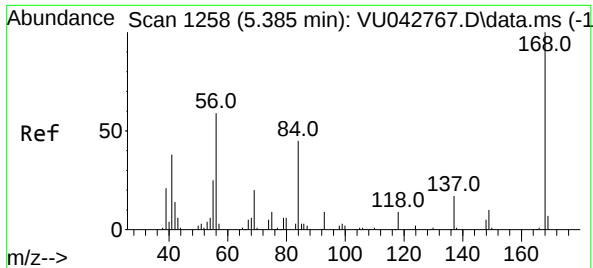
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_U/WATER
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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

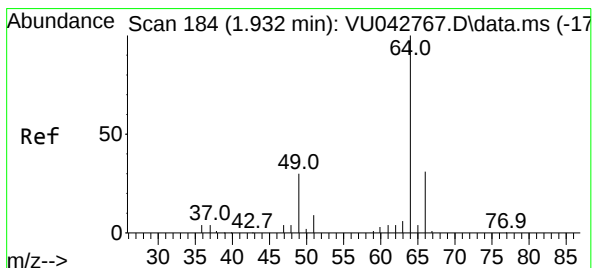
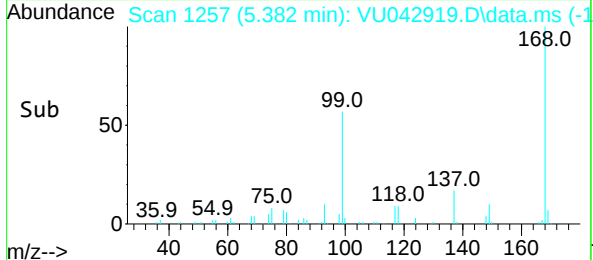
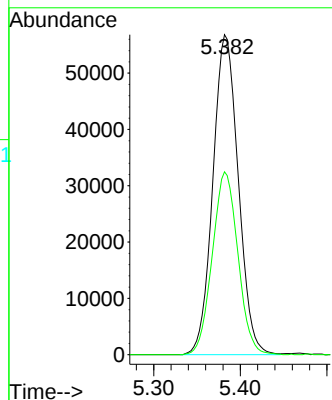
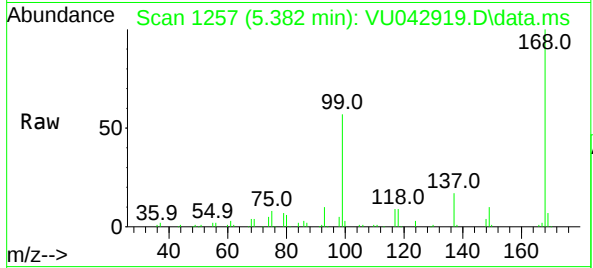




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU042919.D
Acq: 03 Apr 2021 00:25

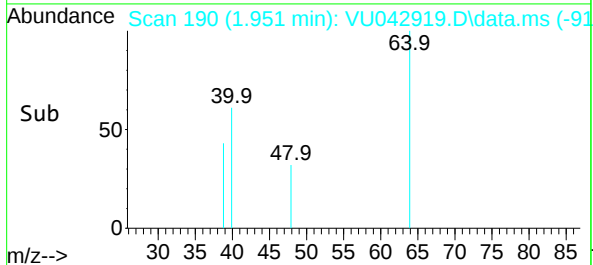
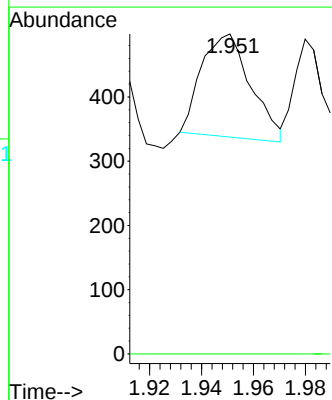
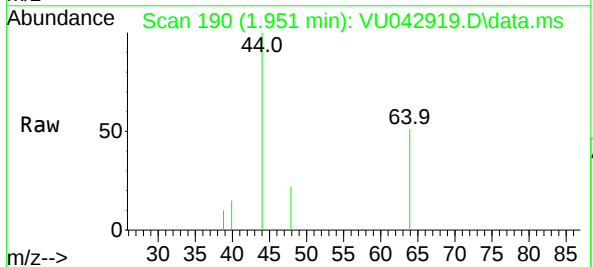
Instrument :
MSVOA_U
ClientSampleId :
31029

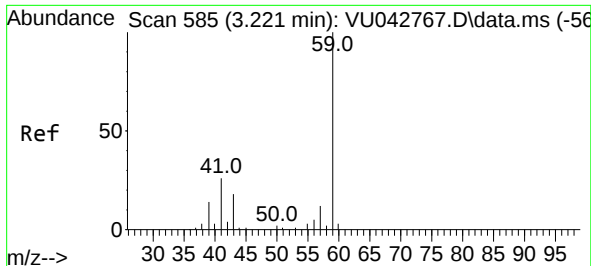
Tgt Ion:168 Resp: 115885
Ion Ratio Lower Upper
168 100
99 57.1 46.4 69.6



#6
Chloroethane
Concen: Below Cal
RT: 1.951 min Scan# 190
Delta R.T. 0.019 min
Lab File: VU042919.D
Acq: 03 Apr 2021 00:25

Tgt Ion: 64 Resp: 209
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.6#



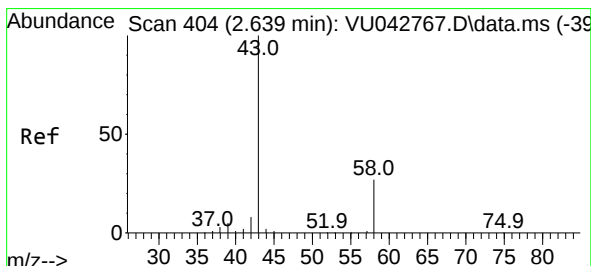
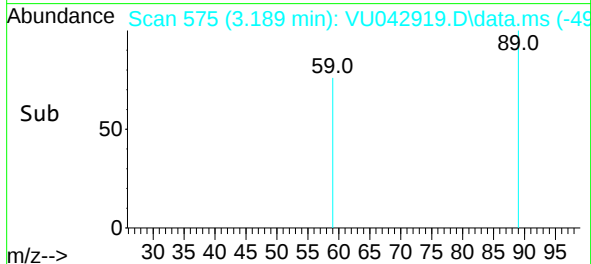
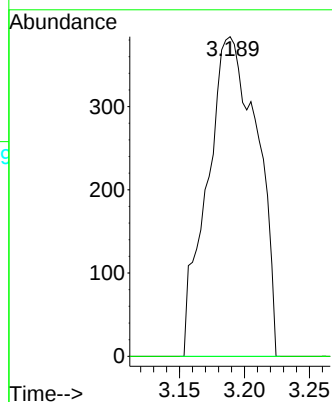
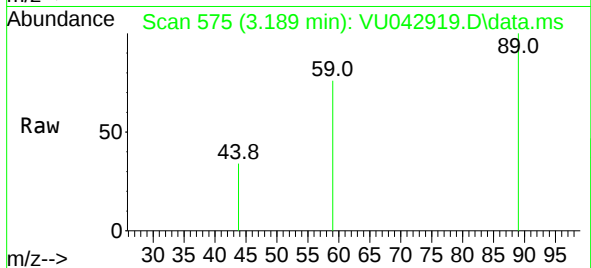


#11

Tert butyl alcohol
Concen: 2.60 ug/l
RT: 3.189 min Scan# 575
Delta R.T. -0.032 min
Lab File: VU042919.D
Acq: 03 Apr 2021 00:25

Instrument :
MSVOA_U
ClientSampleId :
31029

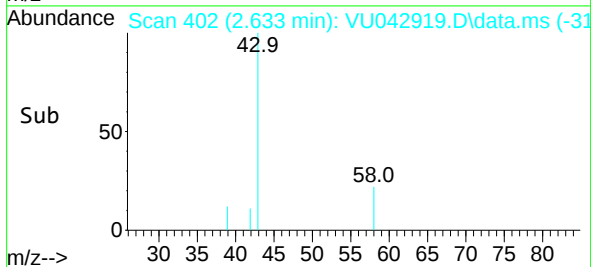
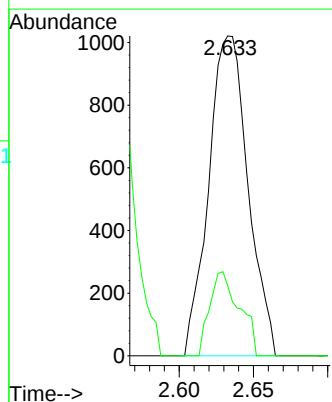
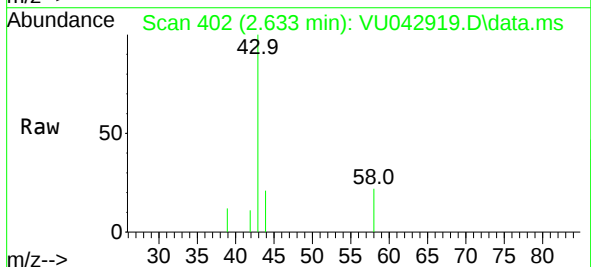
Tgt Ion: 59 Resp: 1027
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

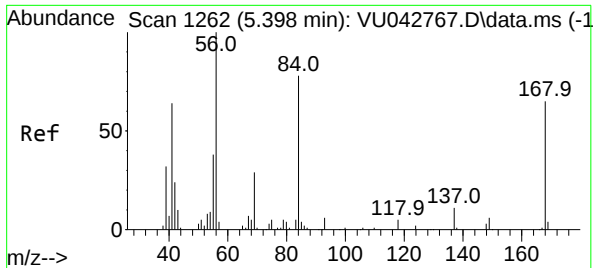


#16

Acetone
Concen: Below Cal
RT: 2.633 min Scan# 402
Delta R.T. -0.006 min
Lab File: VU042919.D
Acq: 03 Apr 2021 00:25

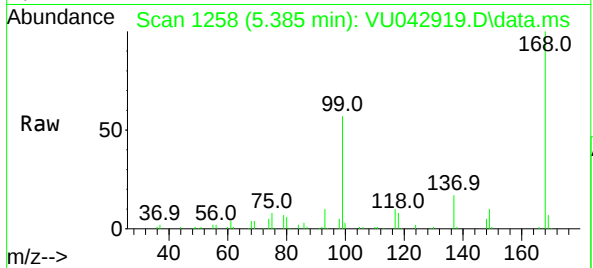
Tgt Ion: 43 Resp: 1883
Ion Ratio Lower Upper
43 100
58 21.9 21.6 32.4



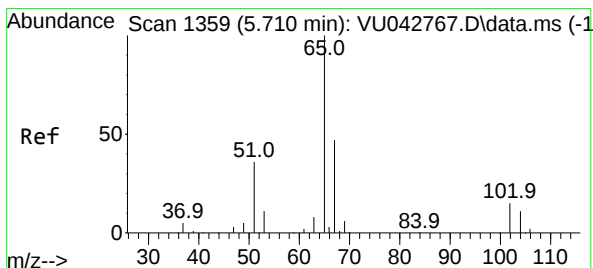
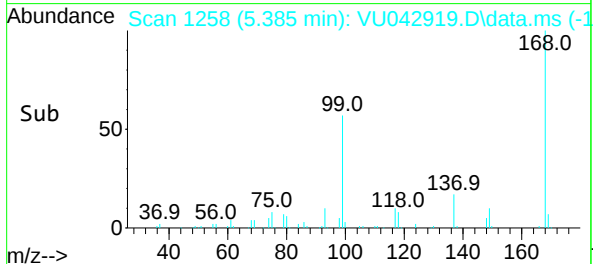
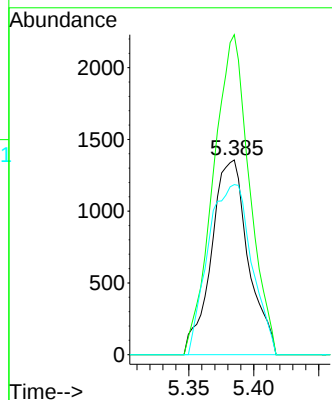


#31
Cyclohexane
Concen: 1.16 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.013 min
Lab File: VU042919.D
Acq: 03 Apr 2021 00:25

Instrument :
MSVOA_U
ClientSampleId :
31029

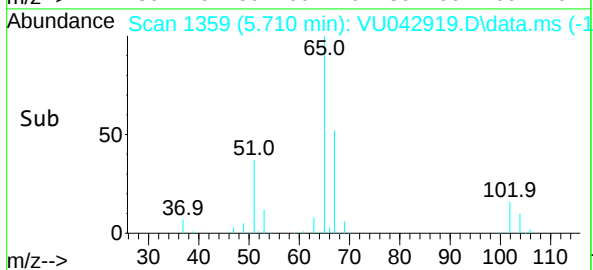
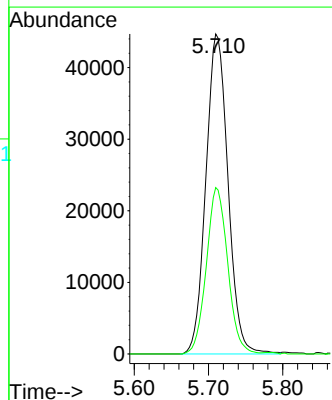
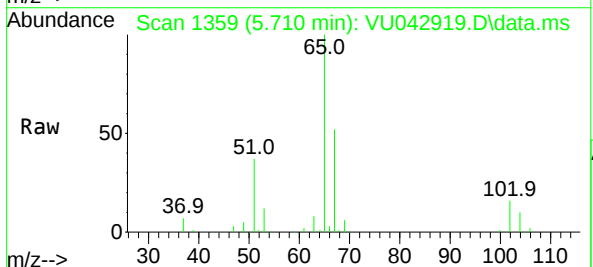


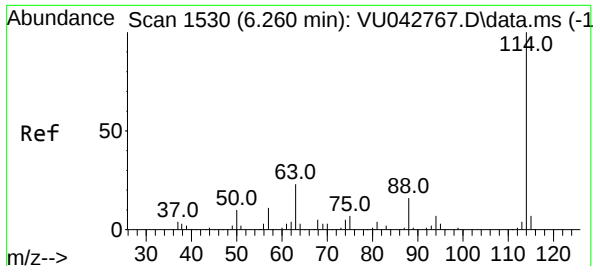
Tgt Ion: 56 Resp: 2673
Ion Ratio Lower Upper
56 100
69 164.3 23.3 34.9#
84 87.3 62.2 93.4



#33
1,2-Dichloroethane-d4
Concen: 50.07 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU042919.D
Acq: 03 Apr 2021 00:25

Tgt Ion: 65 Resp: 92494
Ion Ratio Lower Upper
65 100
67 50.2 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: VU042919.D

Acq: 03 Apr 2021 00:25

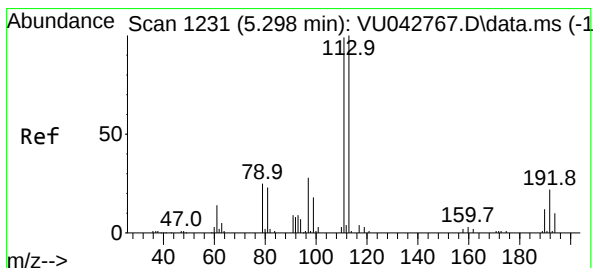
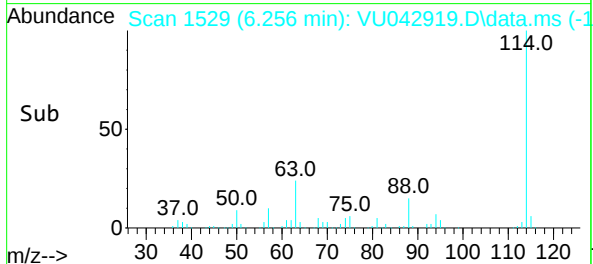
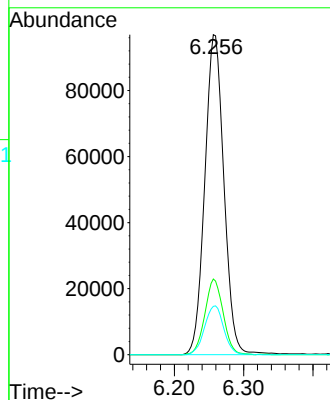
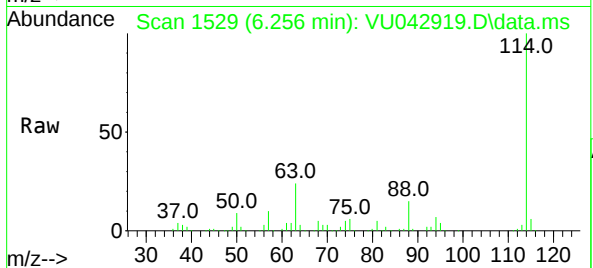
Tgt Ion:114 Resp: 185534

Ion Ratio Lower Upper

114 100

63 23.7 0.0 46.8

88 15.1 0.0 32.2



#35

Dibromofluoromethane

Concen: 46.44 ug/l

RT: 5.298 min Scan# 1231

Delta R.T. -0.000 min

Lab File: VU042919.D

Acq: 03 Apr 2021 00:25

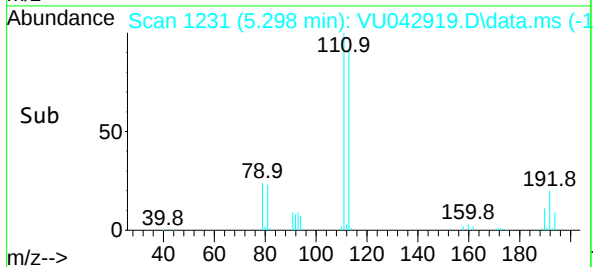
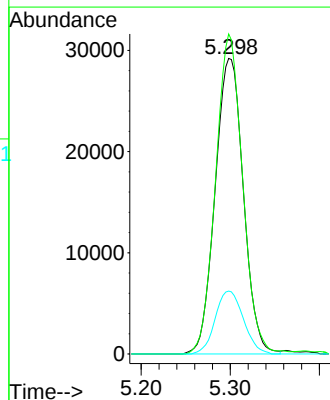
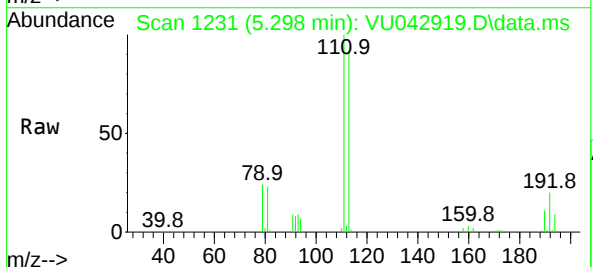
Tgt Ion:113 Resp: 64310

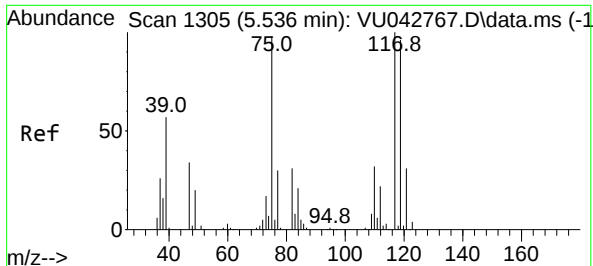
Ion Ratio Lower Upper

113 100

111 103.7 82.1 123.1

192 21.2 17.6 26.4



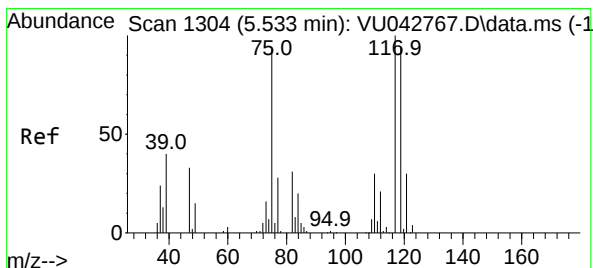
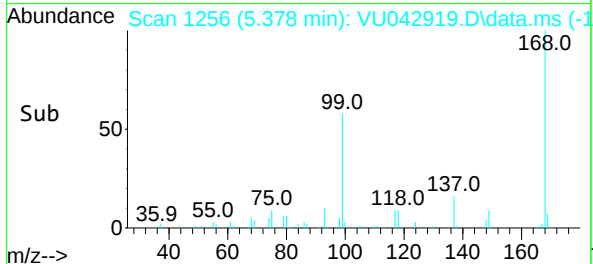
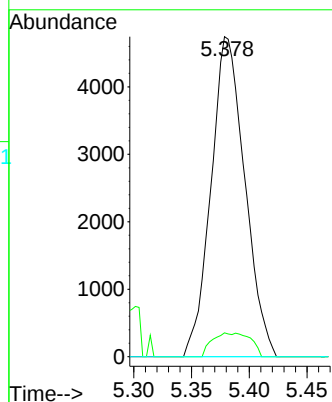
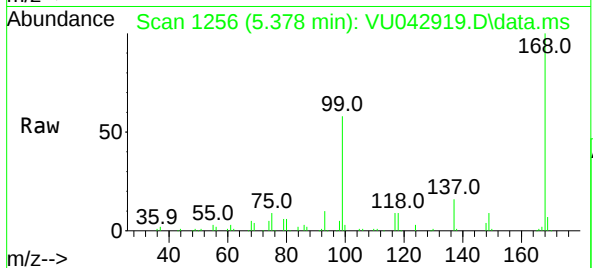


#36

1,1-Dichloropropene
Concen: 5.25 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.158 min
Lab File: VU042919.D
Acq: 03 Apr 2021 00:25

Instrument :
MSVOA_U
ClientSampled :
31029

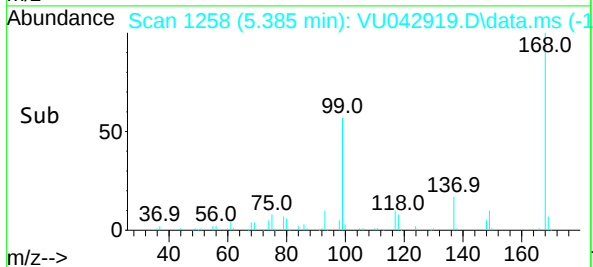
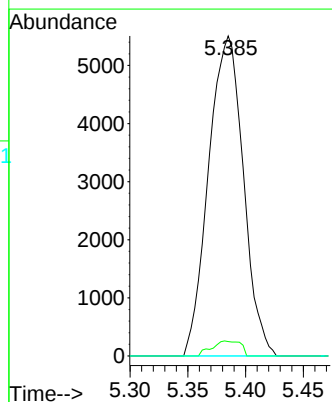
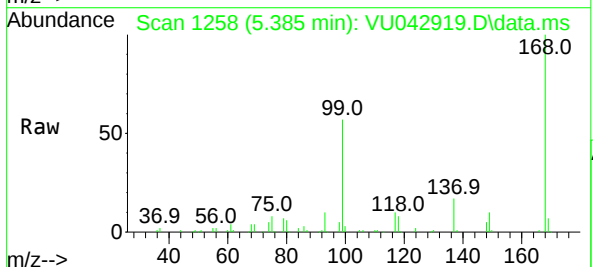
Tgt Ion: 75 Resp: 9639
Ion Ratio Lower Upper
75 100
110 4.5 16.6 49.7#
77 0.0 24.7 37.1#

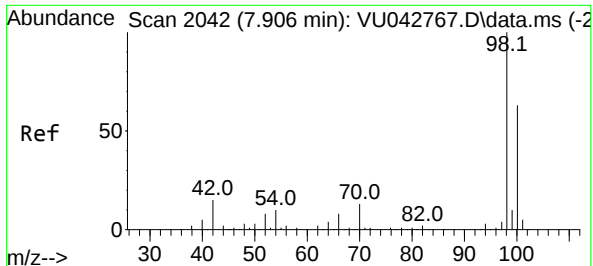


#38

Carbon Tetrachloride
Concen: 5.51 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.148 min
Lab File: VU042919.D
Acq: 03 Apr 2021 00:25

Tgt Ion: 117 Resp: 11545
Ion Ratio Lower Upper
117 100
119 4.5 75.2 112.8#
121 0.0 24.2 36.4#

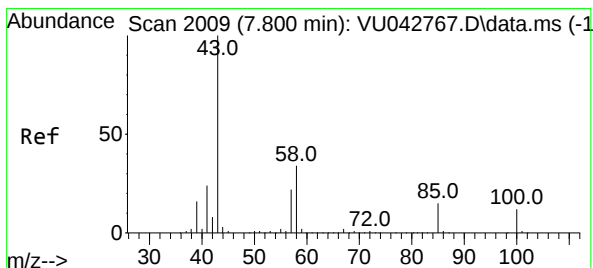
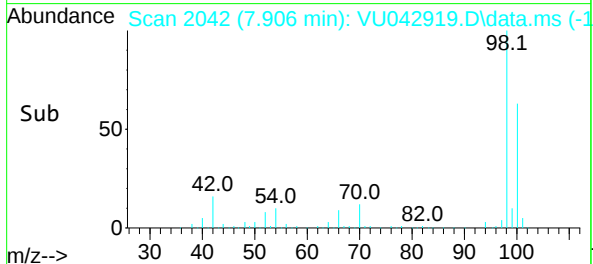
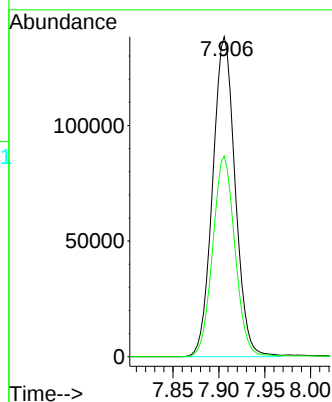
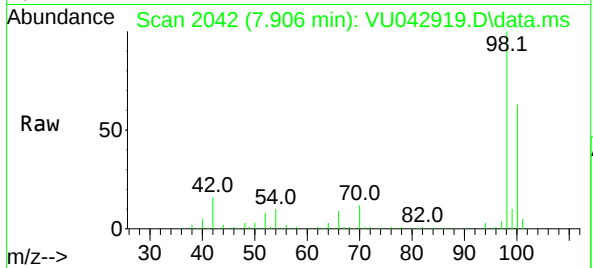




#50
Toluene-d8
Concen: 48.49 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042919.D
Acq: 03 Apr 2021 00:25

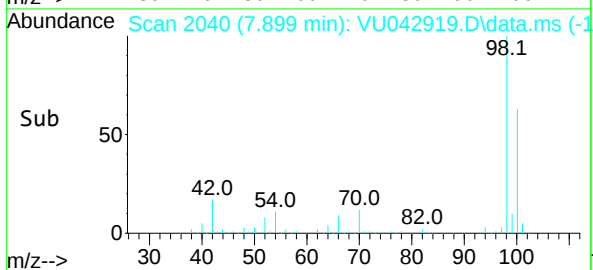
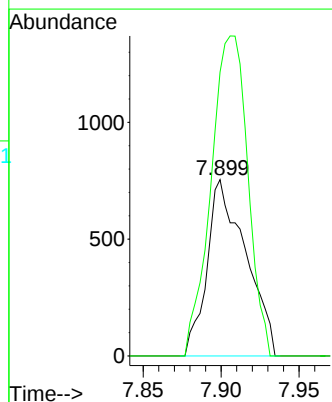
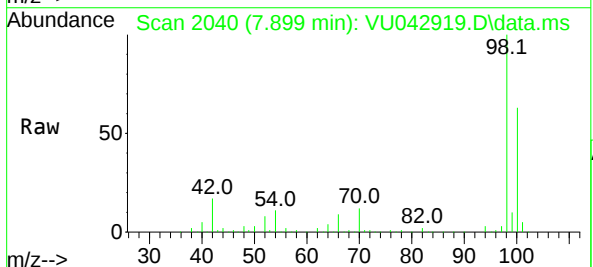
Instrument :
MSVOA_U
ClientSampleId :
31029

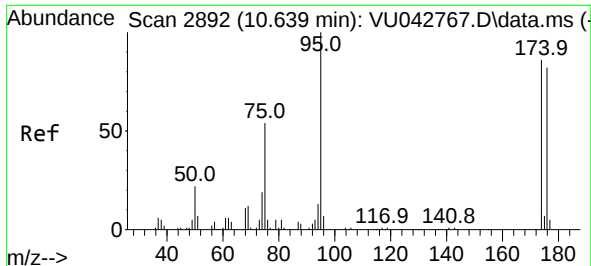
Tgt Ion: 98 Resp: 236218
Ion Ratio Lower Upper
98 100
100 62.0 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 0.43 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.099 min
Lab File: VU042919.D
Acq: 03 Apr 2021 00:25

Tgt Ion: 43 Resp: 1304
Ion Ratio Lower Upper
43 100
58 172.8 27.4 41.2#

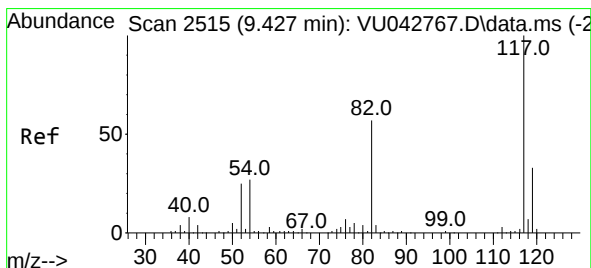
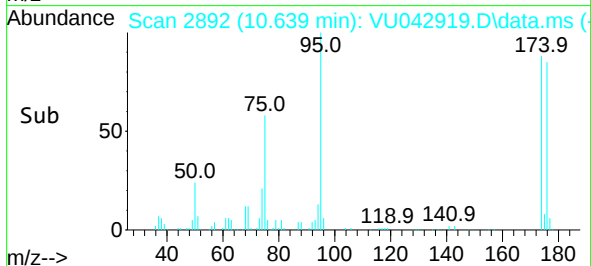
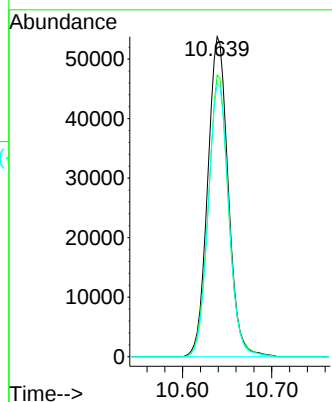
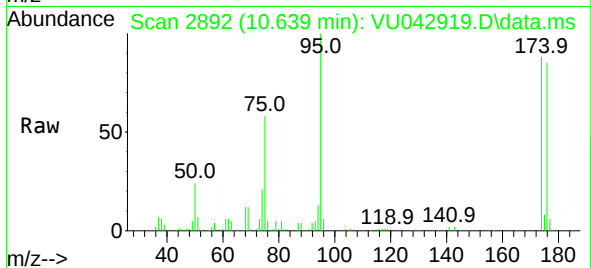




#62
4-Bromofluorobenzene
Concen: 45.45 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU042919.D
Acq: 03 Apr 2021 00:25

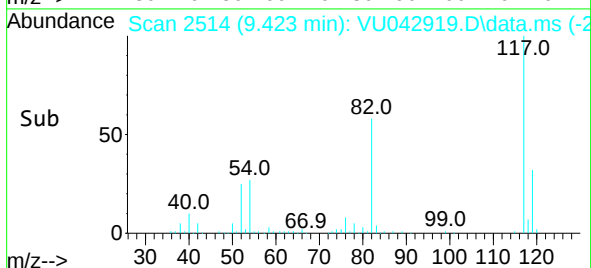
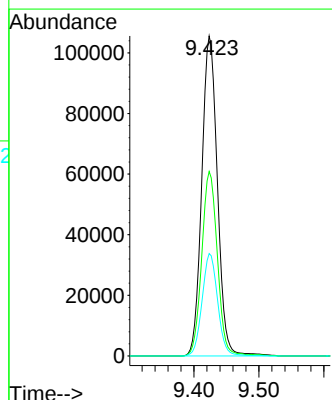
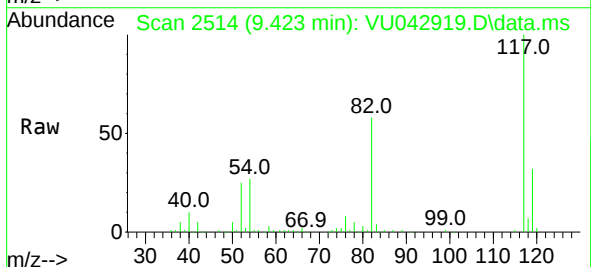
Instrument :
MSVOA_U
ClientSampleId :
31029

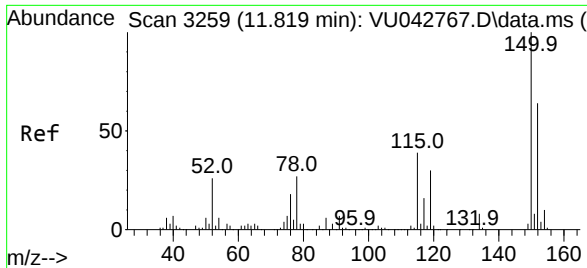
Tgt Ion: 95 Resp: 86038
Ion Ratio Lower Upper
95 100
174 86.9 0.0 175.2
176 85.4 0.0 167.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.003 min
Lab File: VU042919.D
Acq: 03 Apr 2021 00:25

Tgt Ion: 117 Resp: 177543
Ion Ratio Lower Upper
117 100
82 57.6 45.5 68.3
119 32.0 26.2 39.4

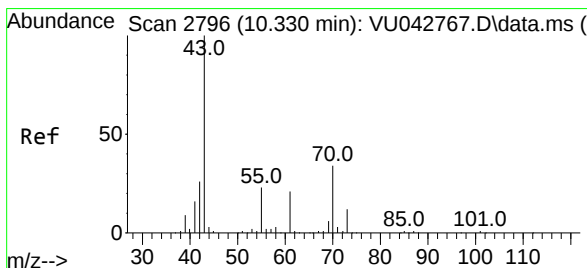
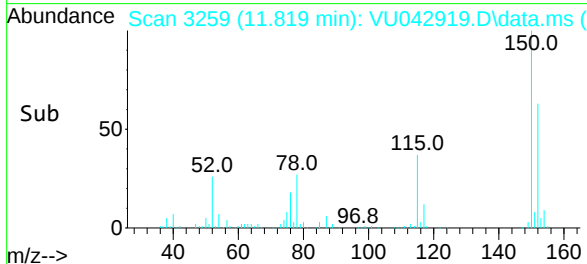
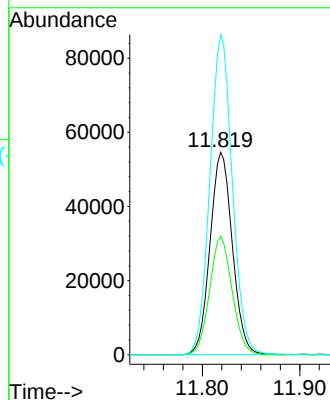
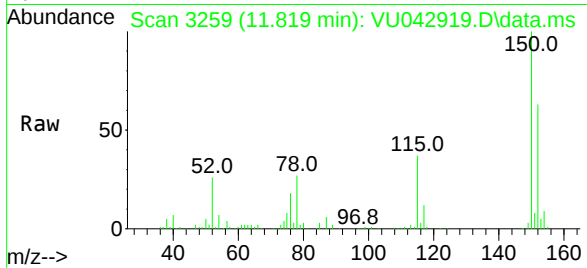




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU042919.D
 Acq: 03 Apr 2021 00:25

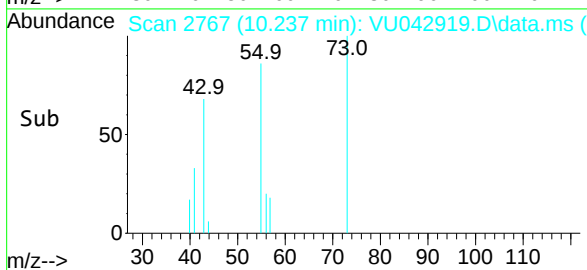
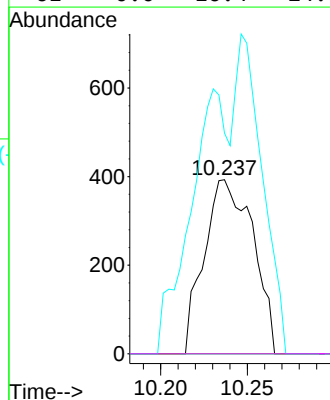
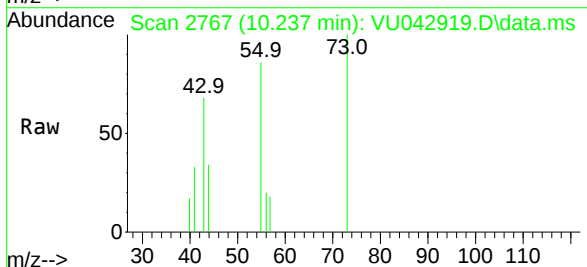
Instrument :
 MSVOA_U
 ClientSampled :
 31029

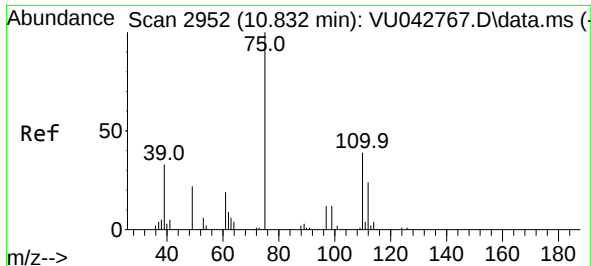
Tgt Ion:152 Resp: 86867
 Ion Ratio Lower Upper
 152 100
 115 58.8 41.0 123.0
 150 159.2 0.0 341.0



#74
 N-ethyl acetate
 Concen: 0.25 ug/l
 RT: 10.237 min Scan# 2767
 Delta R.T. -0.093 min
 Lab File: VU042919.D
 Acq: 03 Apr 2021 00:25

Tgt Ion: 43 Resp: 771
 Ion Ratio Lower Upper
 43 100
 70 0.0 27.8 41.6#
 55 120.0 18.4 27.6#
 61 0.0 16.4 24.6#

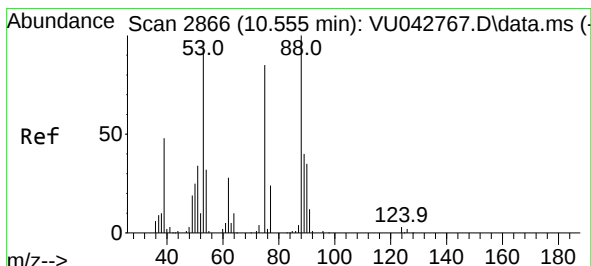
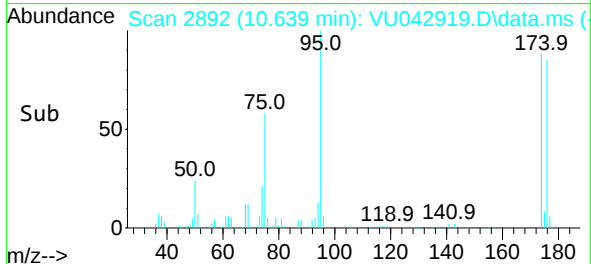
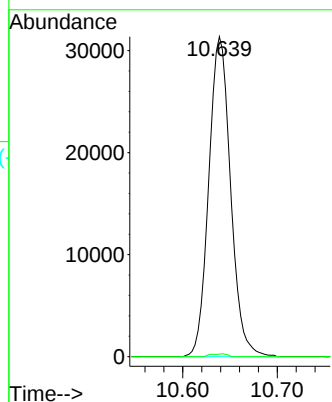
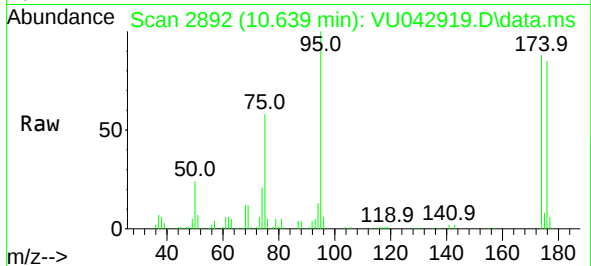




#76
1,2,3-Trichloropropane
Concen: 22.77 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU042919.D
Acq: 03 Apr 2021 00:25

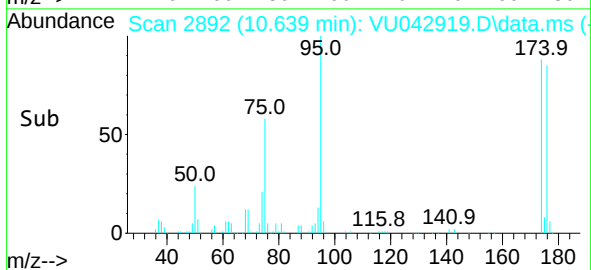
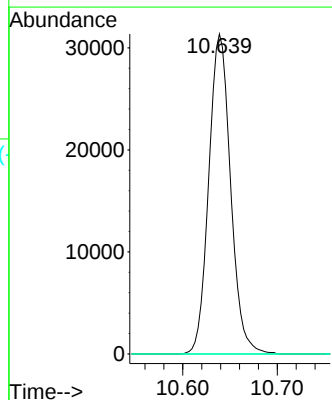
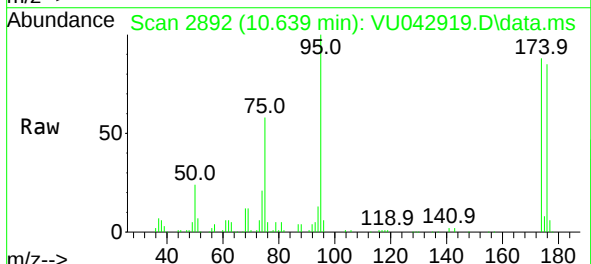
Instrument :
MSVOA_U
ClientSampled :
31029

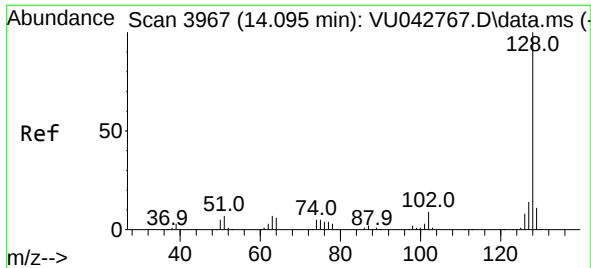
Tgt Ion: 75 Resp: 50311
Ion Ratio Lower Upper
75 100
77 0.7 19.6 58.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.47 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.083 min
Lab File: VU042919.D
Acq: 03 Apr 2021 00:25

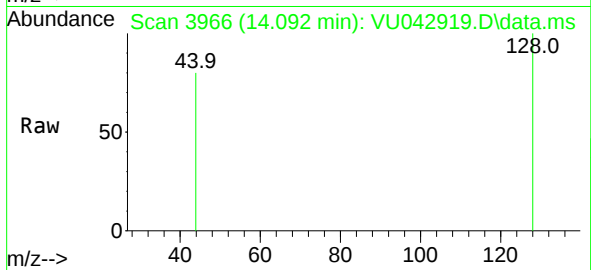
Tgt Ion: 75 Resp: 50311
Ion Ratio Lower Upper
75 100
53 0.0 88.3 132.5#
89 0.0 35.7 53.5#





#95
Naphthalene
Concen: 2.62 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. -0.003 min
Lab File: VU042919.D
Acq: 03 Apr 2021 00:25

Instrument :
MSVOA_U
ClientSampleId :
31029



Tgt Ion:128 Resp: 301
Ion Ratio Lower Upper
128 100
127 0.0 10.9 16.3#
129 0.0 8.7 13.1#

