

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040621\
 Data File : VU042959.D
 Acq On : 06 Apr 2021 16:57
 Operator : SY/MD
 Sample : M1949-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 07 01:44:30 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)

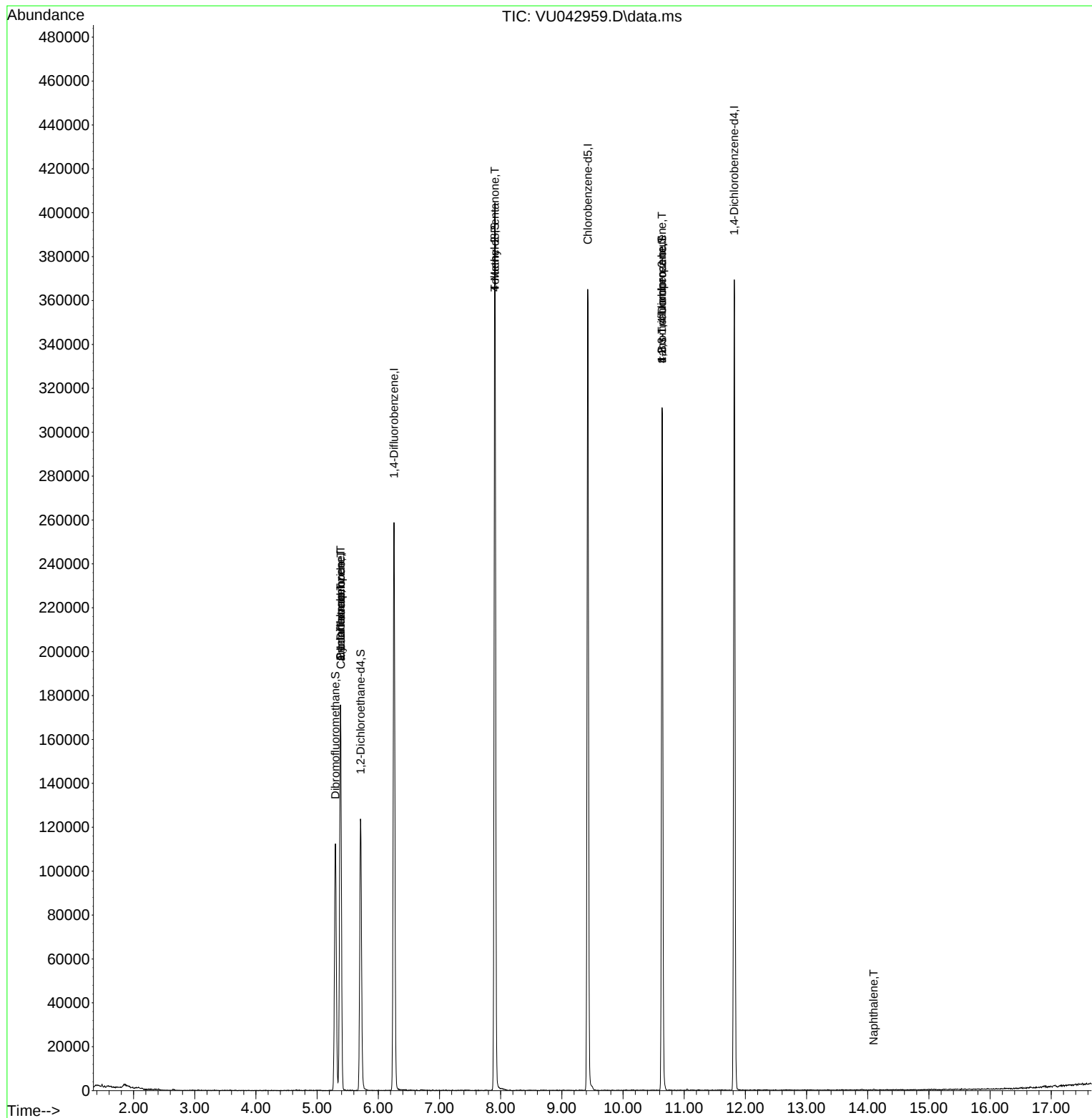
Internal Standards						
1) Pentafluorobenzene	5.382	168	121907	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	195902	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	189628	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	92425	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	97565	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
35) Dibromofluoromethane	5.298	113	69851	47.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.56%	
50) Toluene-d8	7.906	98	249838	48.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.14%	
62) 4-Bromofluorobenzene	10.639	95	91586	45.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.64%	
Target Compounds						
5) Bromomethane	1.864	94	66	Below Cal	#	2
6) Chloroethane	1.928	64	136	Below Cal	#	43
16) Acetone	2.645	43	697	Below Cal		93
31) Cyclohexane	5.382	56	2930	1.21	ug/l #	38
36) 1,1-Dichloropropene	5.382	75	10125	5.23	ug/l #	51
38) Carbon Tetrachloride	5.385	117	11995	5.42	ug/l #	17
51) 4-Methyl-2-Pentanone	7.906	43	1475	0.47	ug/l #	1
76) 1,2,3-Trichloropropane	10.639	75	52348	22.27	ug/l #	37
81) trans-1,4-Dichloro-2-b...	10.639	75	52348	65.98	ug/l #	6
95) Naphthalene	14.095	128	113	2.59	ug/l #	68

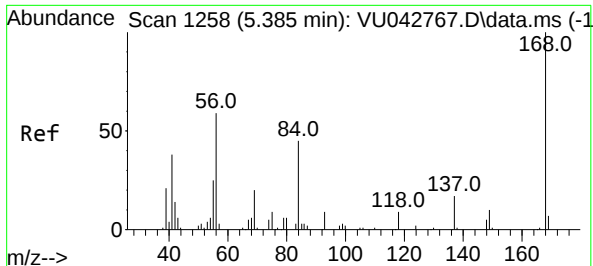
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

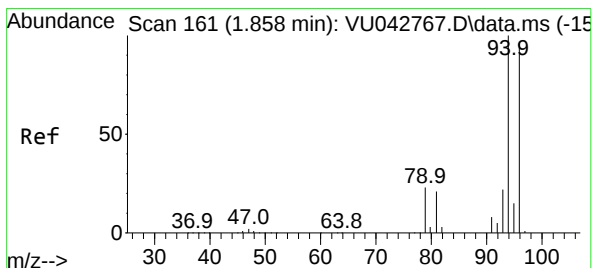
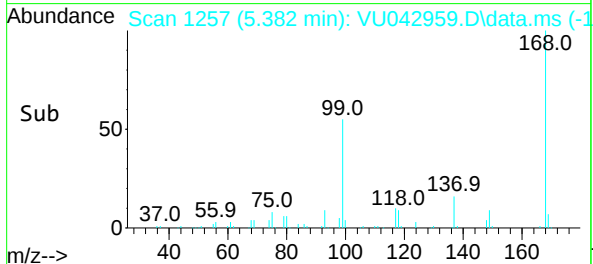
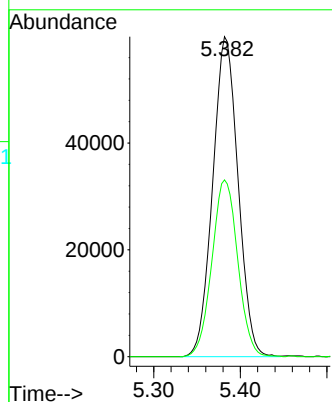
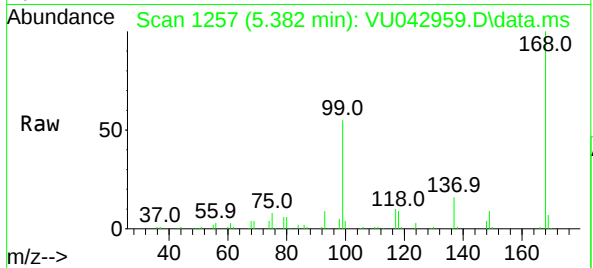




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU042959.D
Acq: 06 Apr 2021 16:57

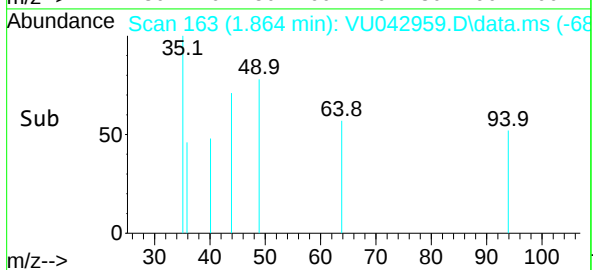
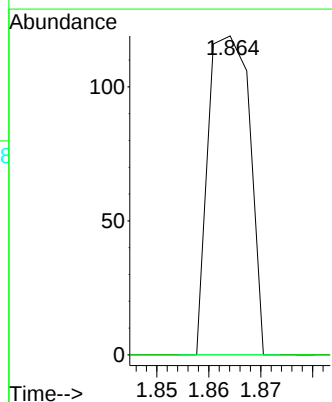
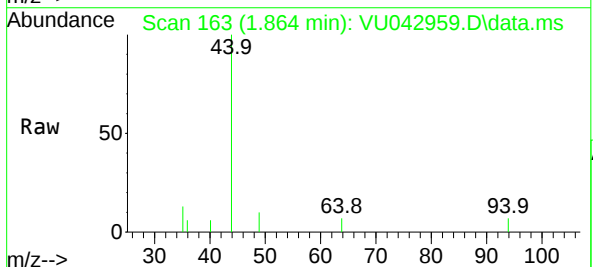
Instrument :
MSVOA_U
ClientSampleId :

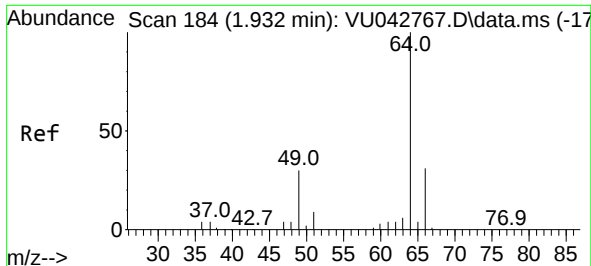
Tgt Ion:168 Resp: 121907
Ion Ratio Lower Upper
168 100
99 55.2 46.4 69.6



#5
Bromomethane
Concen: Below Cal
RT: 1.864 min Scan# 163
Delta R.T. 0.006 min
Lab File: VU042959.D
Acq: 06 Apr 2021 16:57

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

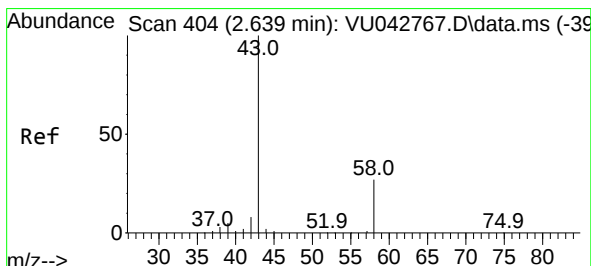
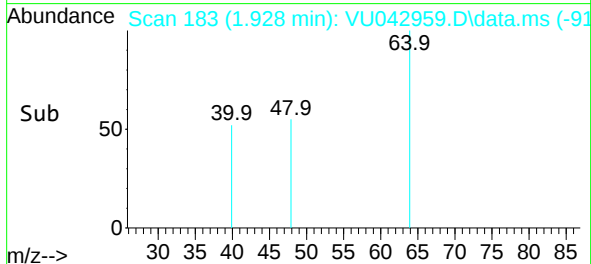
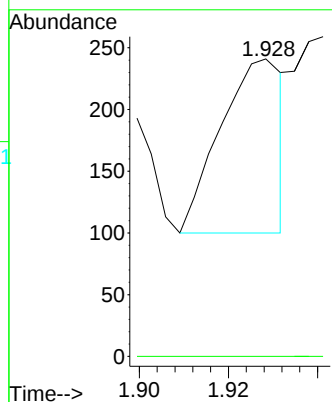
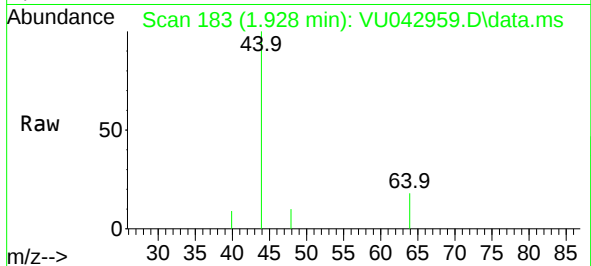




#6
Chloroethane
Concen: Below Cal
RT: 1.928 min Scan# 183
Delta R.T. -0.004 min
Lab File: VU042959.D
Acq: 06 Apr 2021 16:57

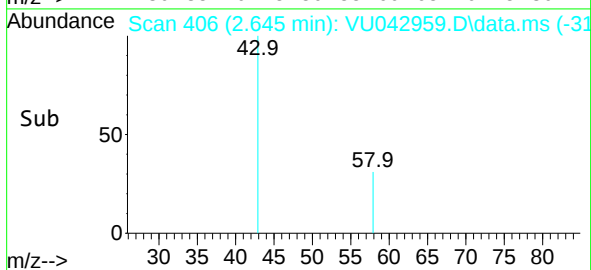
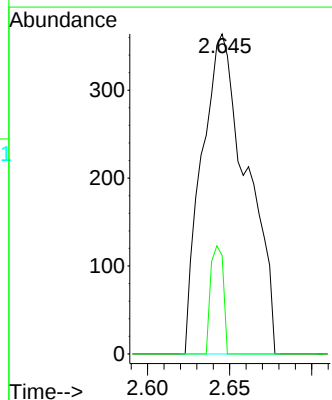
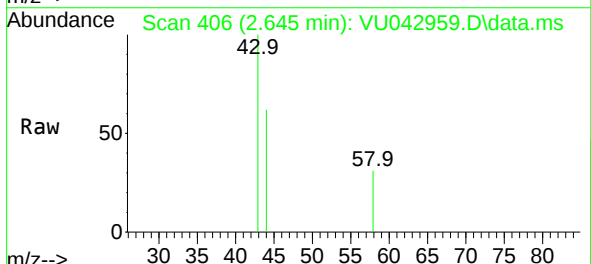
Instrument :
MSVOA_U
ClientSampled :

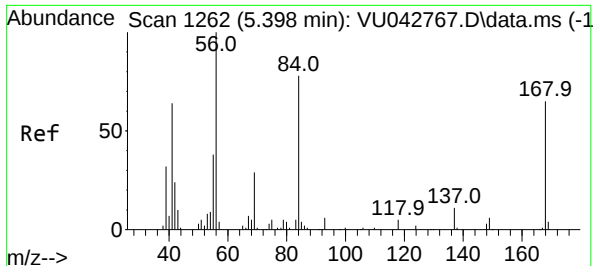
Tgt Ion: 64 Resp: 136
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.6#



#16
Acetone
Concen: Below Cal
RT: 2.645 min Scan# 406
Delta R.T. 0.006 min
Lab File: VU042959.D
Acq: 06 Apr 2021 16:57

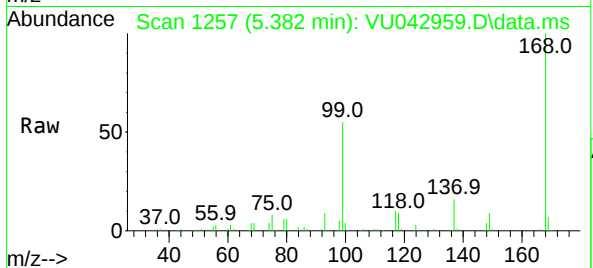
Tgt Ion: 43 Resp: 697
Ion Ratio Lower Upper
43 100
58 30.8 21.6 32.4



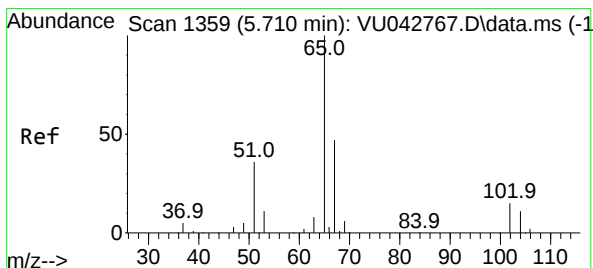
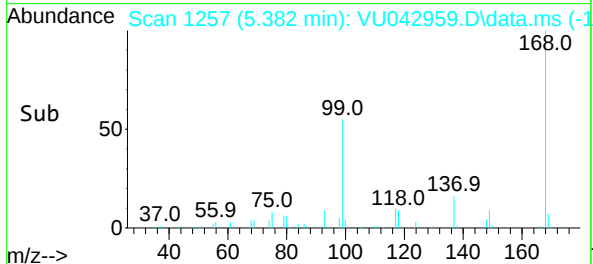
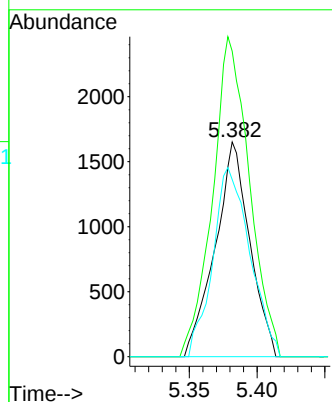


#31
Cyclohexane
Concen: 1.21 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.016 min
Lab File: VU042959.D
Acq: 06 Apr 2021 16:57

Instrument :
MSVOA_U
ClientSampleId :

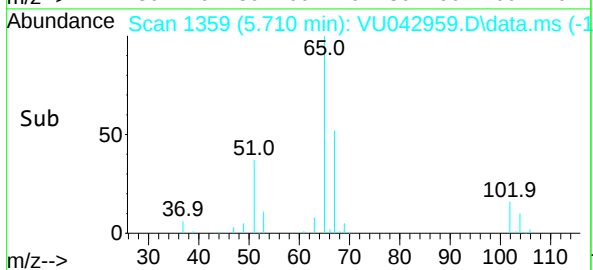
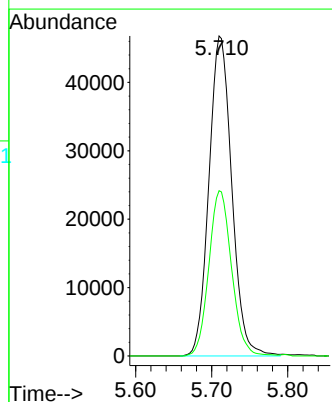
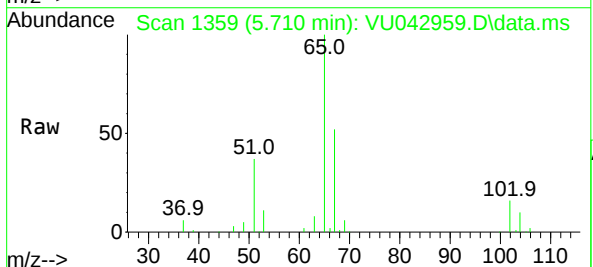


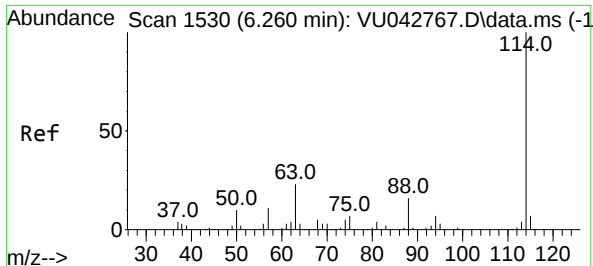
Tgt Ion: 56 Resp: 2930
Ion Ratio Lower Upper
56 100
69 142.3 23.3 34.9#
84 82.5 62.2 93.4



#33
1,2-Dichloroethane-d4
Concen: 50.20 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU042959.D
Acq: 06 Apr 2021 16:57

Tgt Ion: 65 Resp: 97565
Ion Ratio Lower Upper
65 100
67 51.4 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: VU042959.D

Acq: 06 Apr 2021 16:57

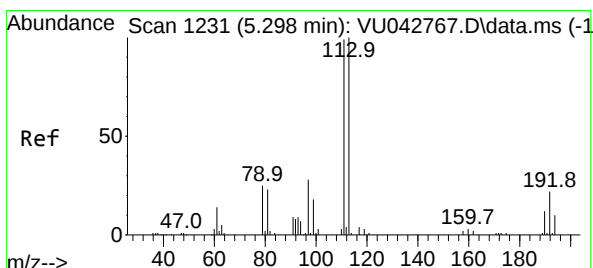
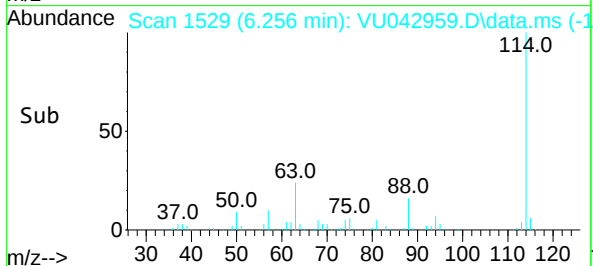
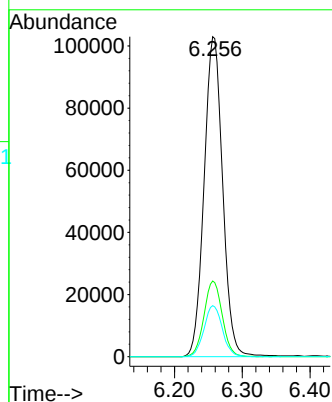
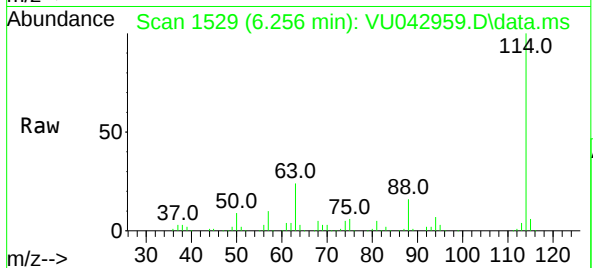
Tgt Ion:114 Resp: 195902

Ion Ratio Lower Upper

114 100

63 23.7 0.0 46.8

88 15.9 0.0 32.2



#35

Dibromofluoromethane

Concen: 47.78 ug/l

RT: 5.298 min Scan# 1231

Delta R.T. -0.000 min

Lab File: VU042959.D

Acq: 06 Apr 2021 16:57

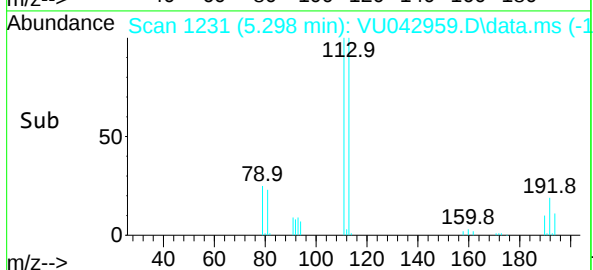
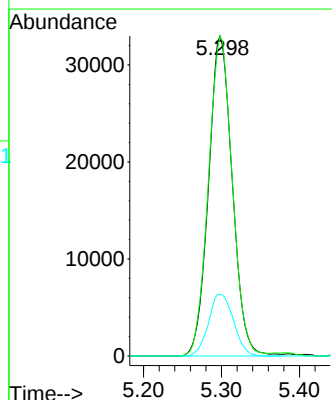
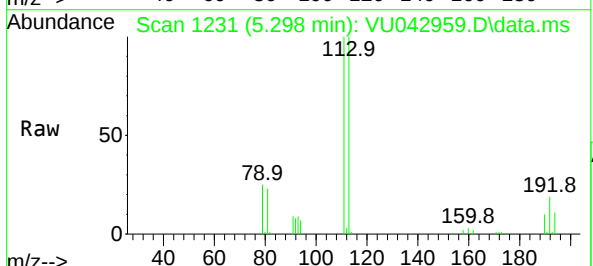
Tgt Ion:113 Resp: 69851

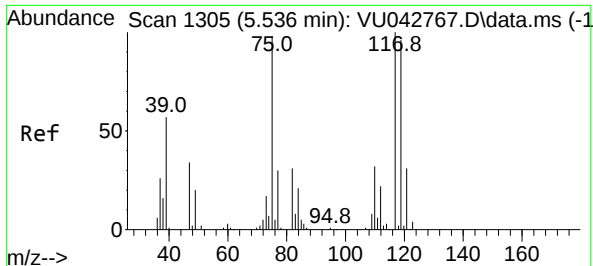
Ion Ratio Lower Upper

113 100

111 100.6 82.1 123.1

192 20.3 17.6 26.4

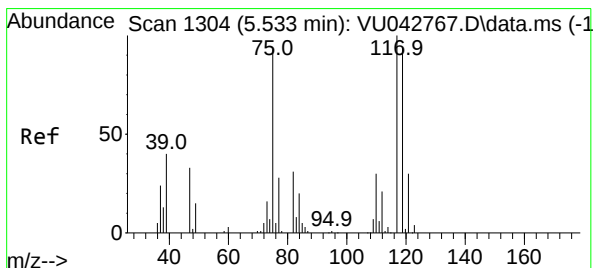
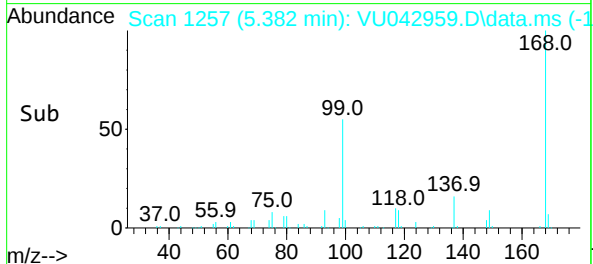
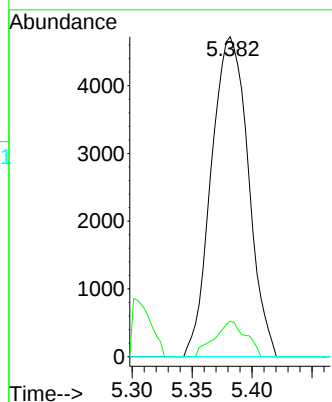
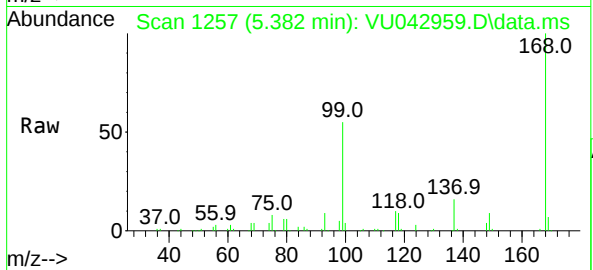




#36
1,1-Dichloropropene
Concen: 5.23 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.155 min
Lab File: VU042959.D
Acq: 06 Apr 2021 16:57

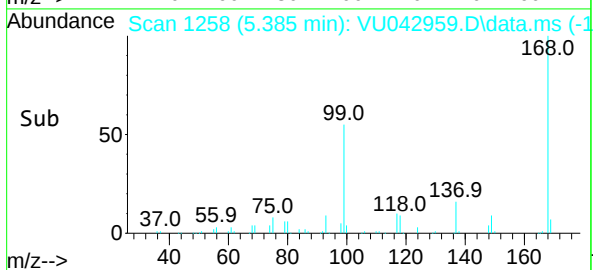
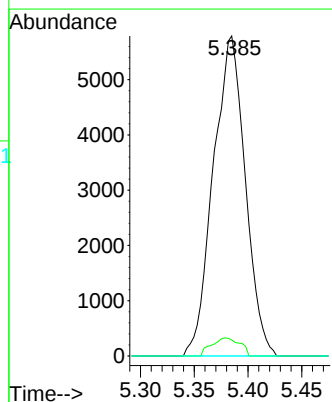
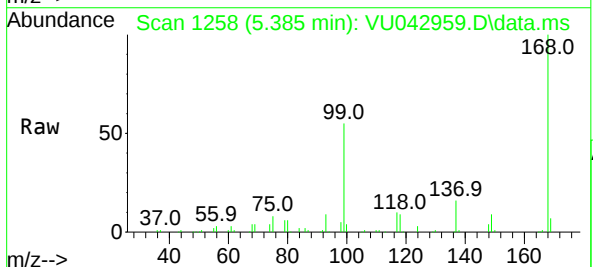
Instrument :
MSVOA_U
ClientSampleId :

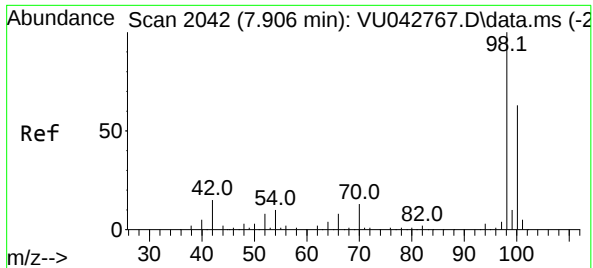
Tgt Ion: 75 Resp: 10125
Ion Ratio Lower Upper
75 100
110 9.4 16.6 49.7#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.42 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.148 min
Lab File: VU042959.D
Acq: 06 Apr 2021 16:57

Tgt Ion: 117 Resp: 11995
Ion Ratio Lower Upper
117 100
119 5.0 75.2 112.8#
121 0.0 24.2 36.4#

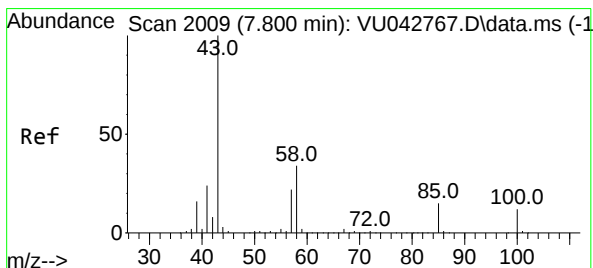
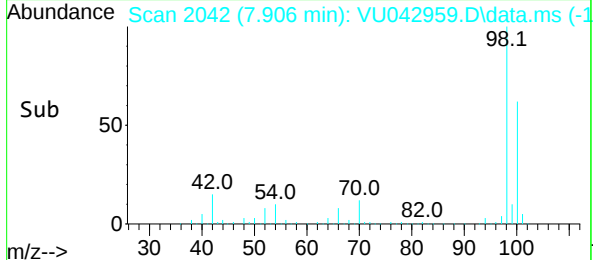
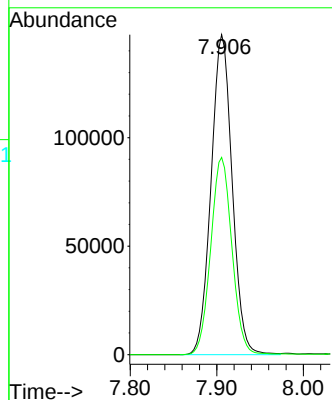
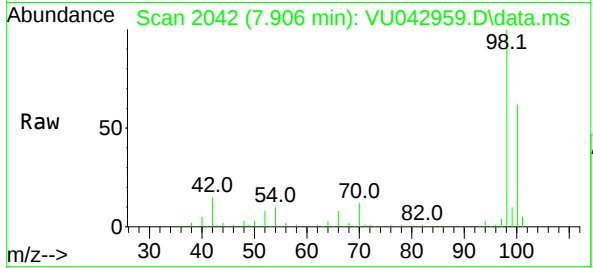




#50
Toluene-d8
Concen: 48.57 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042959.D
Acq: 06 Apr 2021 16:57

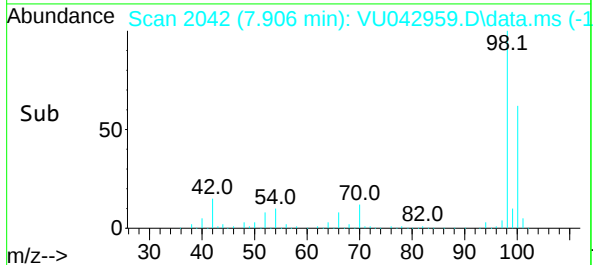
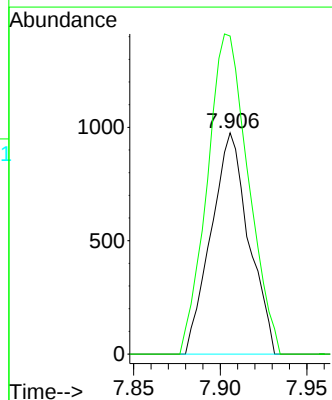
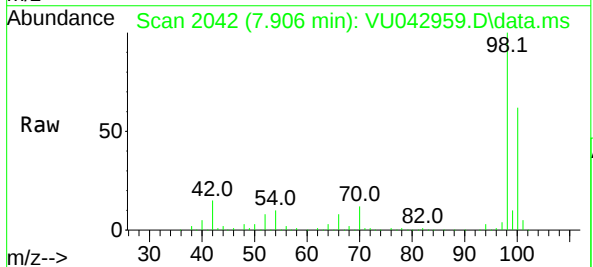
Instrument :
MSVOA_U
ClientSampleId :

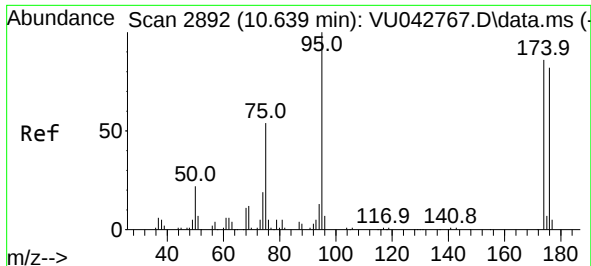
Tgt Ion: 98 Resp: 249838
Ion Ratio Lower Upper
98 100
100 61.9 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 0.47 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.106 min
Lab File: VU042959.D
Acq: 06 Apr 2021 16:57

Tgt Ion: 43 Resp: 1475
Ion Ratio Lower Upper
43 100
58 157.9 27.4 41.2#

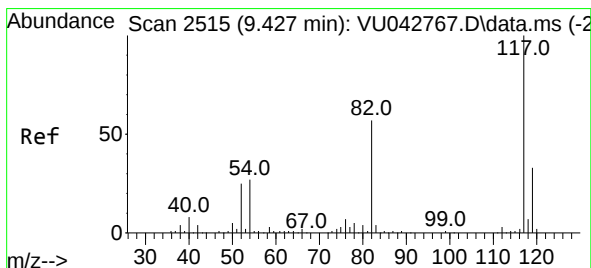
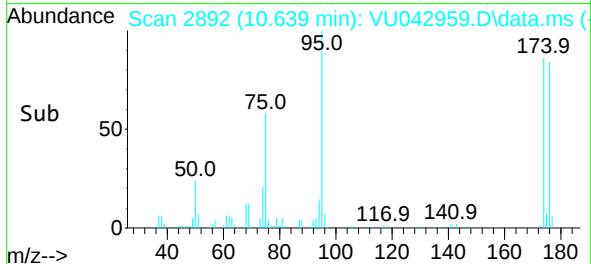
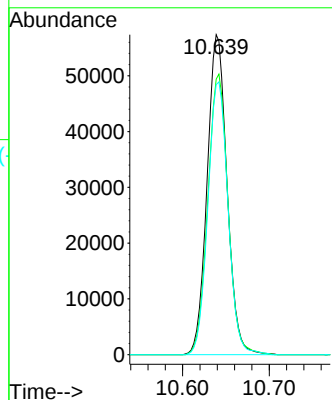
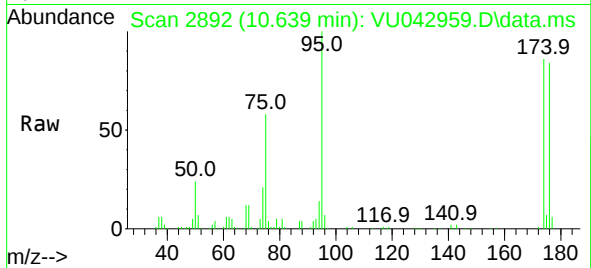




#62
4-Bromofluorobenzene
Concen: 45.82 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU042959.D
Acq: 06 Apr 2021 16:57

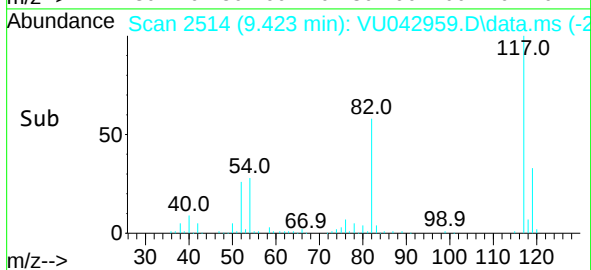
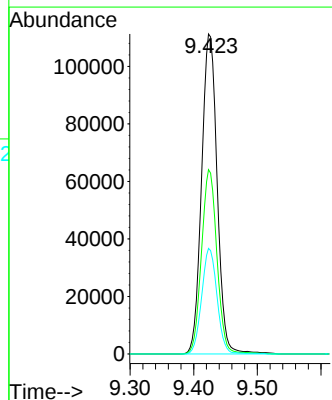
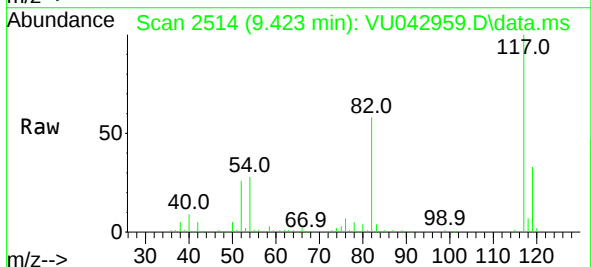
Instrument :
MSVOA_U
ClientSampleId :

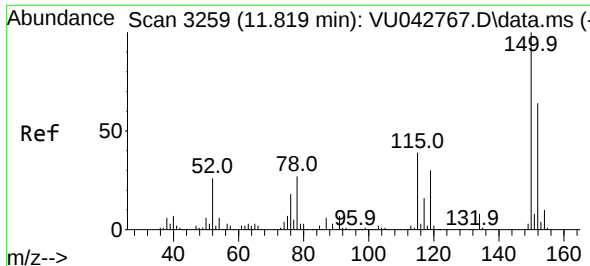
Tgt Ion: 95 Resp: 91586
Ion Ratio Lower Upper
95 100
174 89.1 0.0 175.2
176 86.3 0.0 167.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.003 min
Lab File: VU042959.D
Acq: 06 Apr 2021 16:57

Tgt Ion: 117 Resp: 189628
Ion Ratio Lower Upper
117 100
82 57.6 45.5 68.3
119 33.0 26.2 39.4

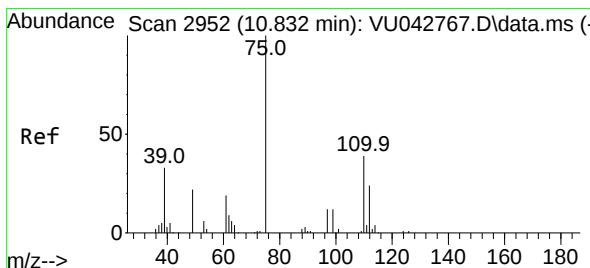
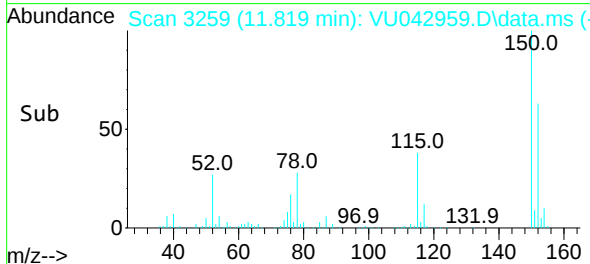
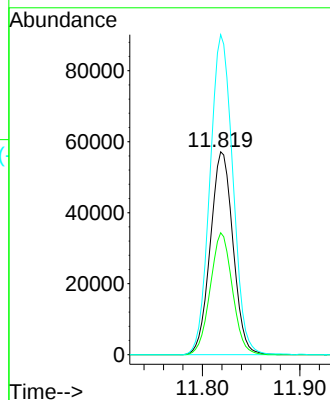
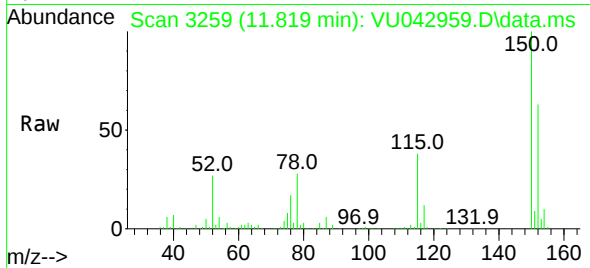




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU042959.D
 Acq: 06 Apr 2021 16:57

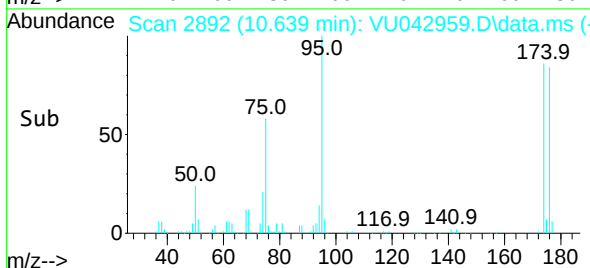
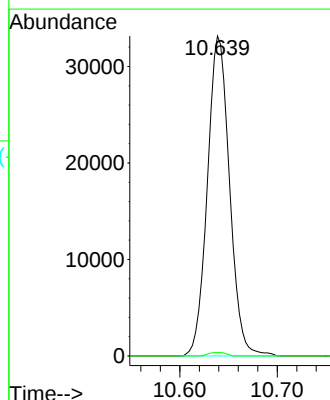
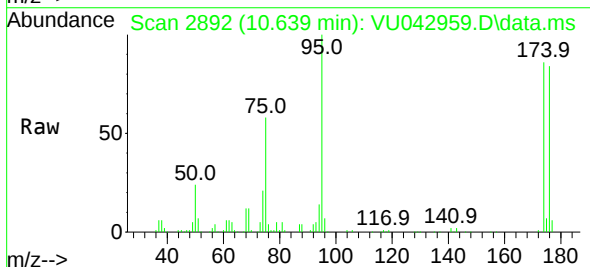
Instrument :
 MSVOA_U
 ClientSampled :

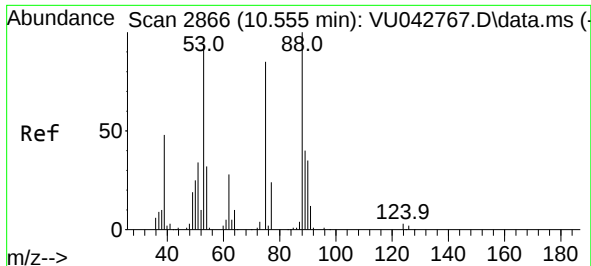
Tgt Ion:152 Resp: 92425
 Ion Ratio Lower Upper
 152 100
 115 58.6 41.0 123.0
 150 159.2 0.0 341.0



#76
 1,2,3-Trichloropropane
 Concen: 22.27 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.193 min
 Lab File: VU042959.D
 Acq: 06 Apr 2021 16:57

Tgt Ion: 75 Resp: 52348
 Ion Ratio Lower Upper
 75 100
 77 0.9 19.6 58.8#

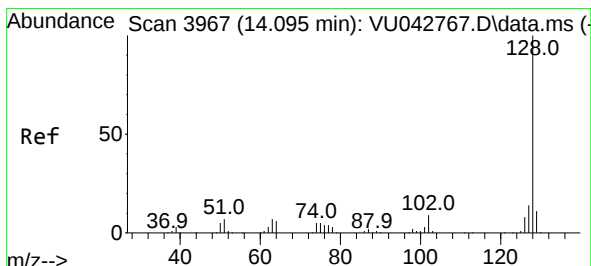
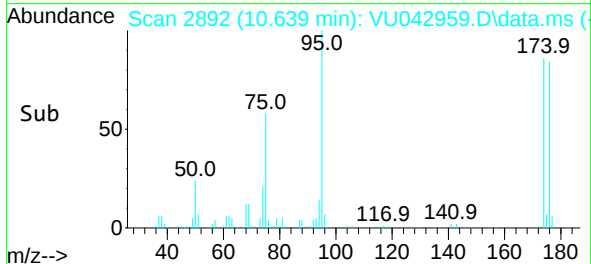
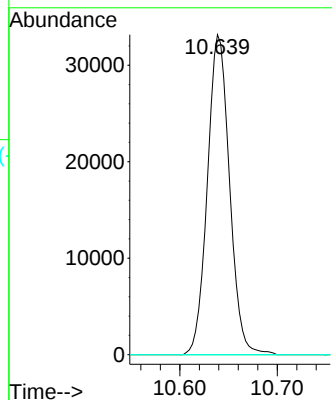
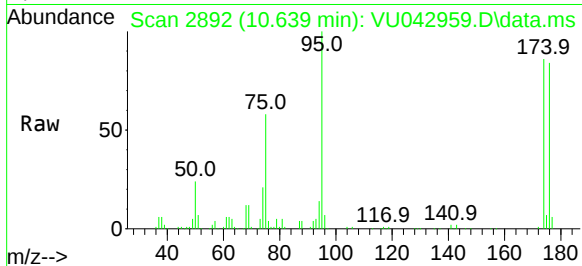




#81
trans-1,4-Dichloro-2-butene
Concen: 65.98 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.083 min
Lab File: VU042959.D
Acq: 06 Apr 2021 16:57

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 75 Resp: 52348
Ion Ratio Lower Upper
75 100
53 0.0 88.3 132.5#
89 0.0 35.7 53.5#



#95
Naphthalene
Concen: 2.59 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042959.D
Acq: 06 Apr 2021 16:57

Tgt Ion:128 Resp: 113
Ion Ratio Lower Upper
128 100
127 0.0 10.9 16.3#
129 0.0 8.7 13.1#

