

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041621\
 Data File : VU043173.D
 Acq On : 16 Apr 2021 17:00
 Operator : SY/MD
 Sample : M2049-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TRIP-BLANK-1

Quant Time: Apr 17 02:33:43 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)

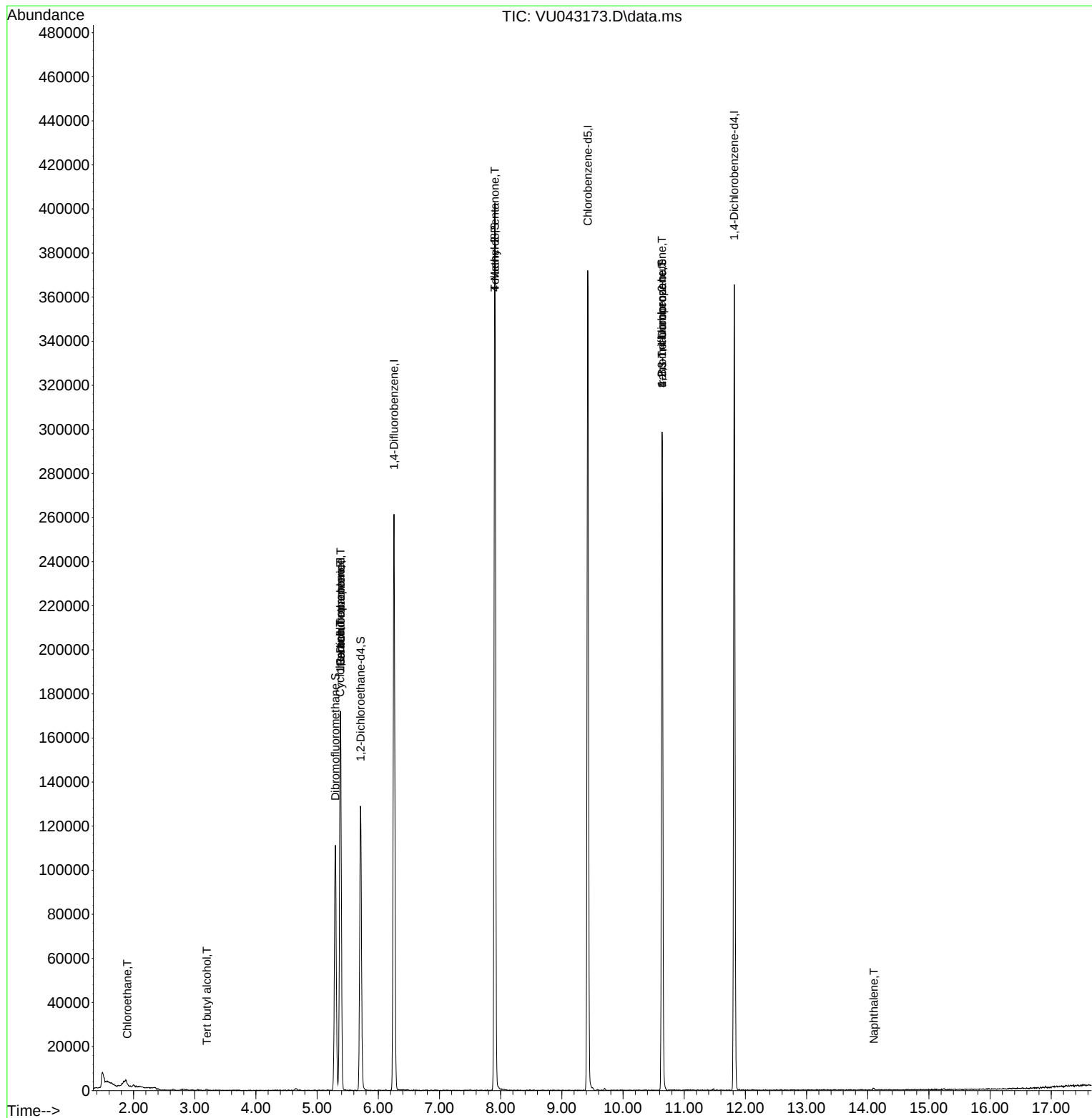
Internal Standards						
1) Pentafluorobenzene	5.382	168	114870	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	194822	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	187501	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	88451	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	101019	52.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.62%	
35) Dibromofluoromethane	5.298	113	68311	46.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.32%	
50) Toluene-d8	7.906	98	247325	47.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.48%	
62) 4-Bromofluorobenzene	10.639	95	86197	41.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.10%	
Target Compounds					Qvalue	
3) Chloromethane	1.520	50	437	Below Cal	#	41
6) Chloroethane	1.896	64	1161	1.26 ug/l	#	42
11) Tert butyl alcohol	3.198	59	303	0.61 ug/l	#	94
16) Acetone	2.636	43	308	Below Cal	#	48
31) Cyclohexane	5.375	56	2965	1.24 ug/l	#	20
36) 1,1-Dichloropropene	5.378	75	10002	4.84 ug/l	#	50
38) Carbon Tetrachloride	5.382	117	11703	5.28 ug/l	#	17
51) 4-Methyl-2-Pentanone	7.906	43	1389	0.37 ug/l	#	1
76) 1,2,3-Trichloropropane	10.639	75	51307	19.85 ug/l	#	36
81) trans-1,4-Dichloro-2-b...	10.639	75	51307	58.33 ug/l	#	7
95) Naphthalene	14.102	128	963	2.88 ug/l	#	86

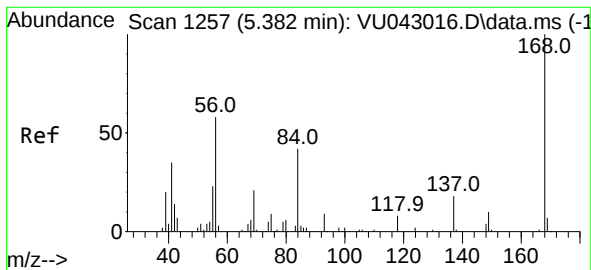
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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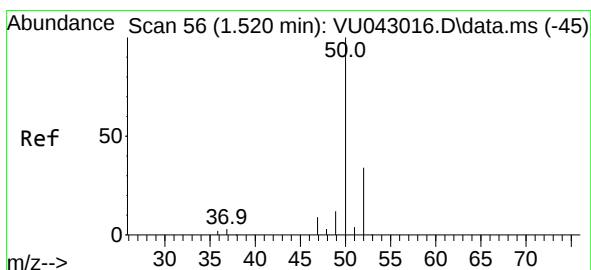
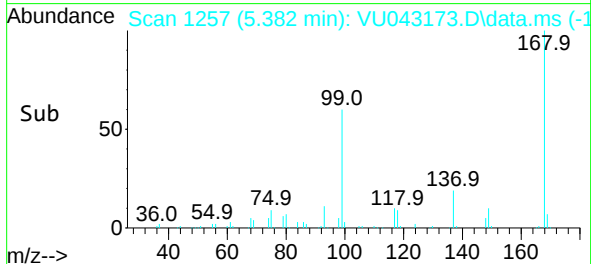
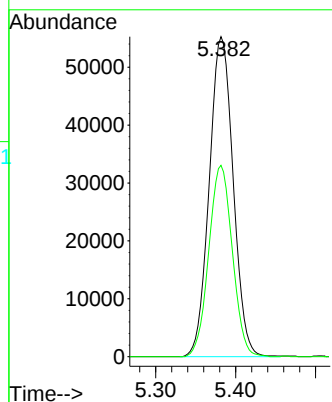
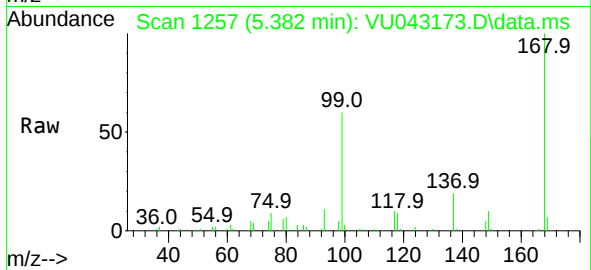




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043173.D
Acq: 16 Apr 2021 17:00

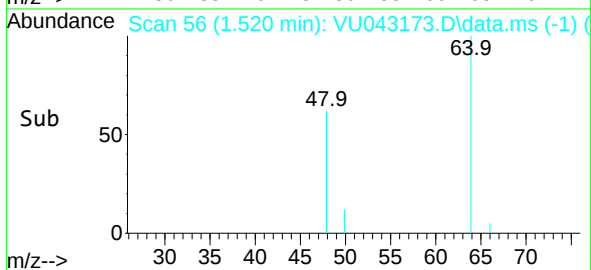
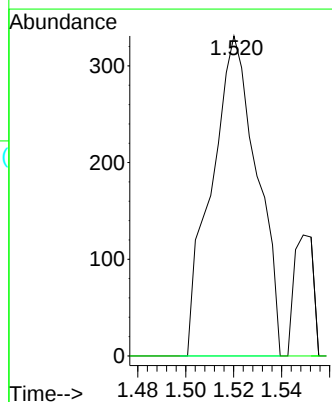
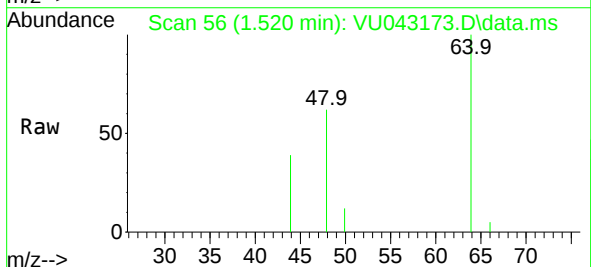
Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK-1

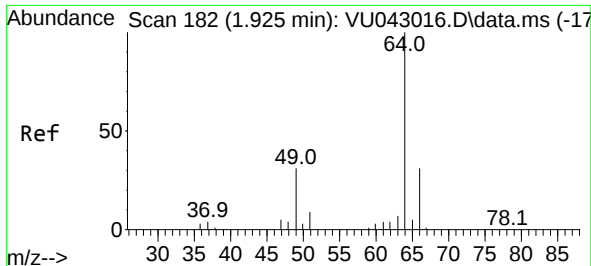
Tgt Ion:168 Resp: 114870
Ion Ratio Lower Upper
168 100
99 59.8 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU043173.D
Acq: 16 Apr 2021 17:00

Tgt Ion: 50 Resp: 437
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#

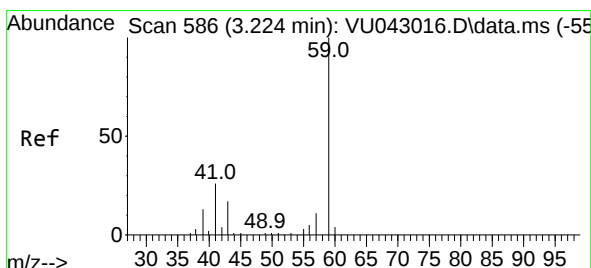
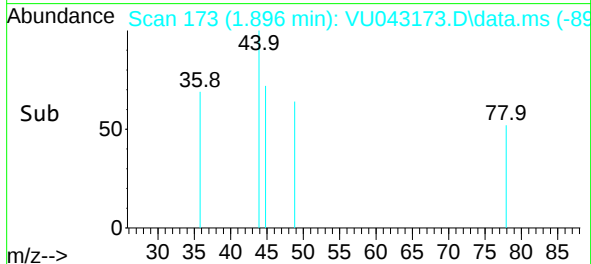
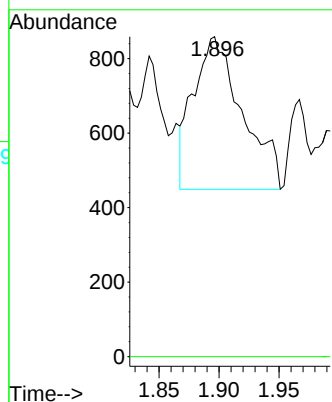
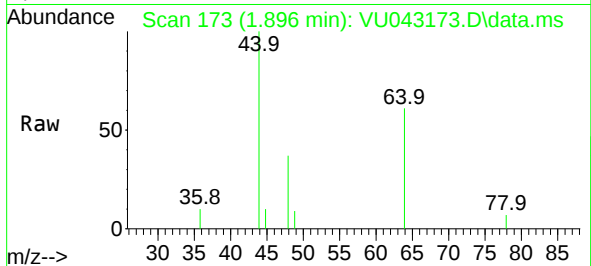




#6
Chloroethane
Concen: 1.26 ug/l
RT: 1.896 min Scan# 173
Delta R.T. -0.029 min
Lab File: VU043173.D
Acq: 16 Apr 2021 17:00

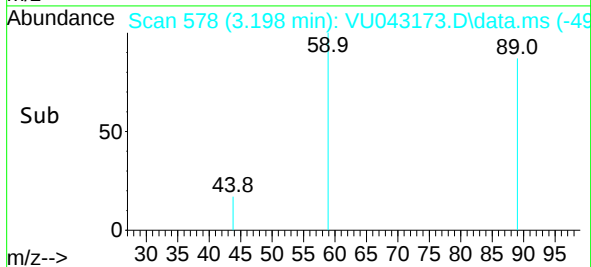
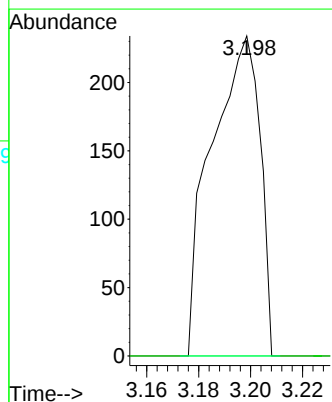
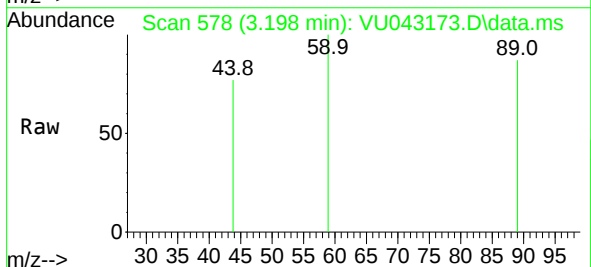
Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK-1

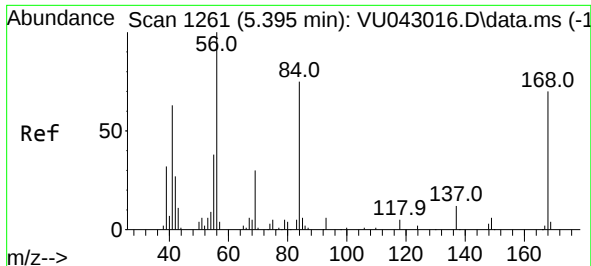
Tgt Ion: 64 Resp: 1161
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#



#11
Tert butyl alcohol
Concen: 0.61 ug/l
RT: 3.198 min Scan# 578
Delta R.T. -0.026 min
Lab File: VU043173.D
Acq: 16 Apr 2021 17:00

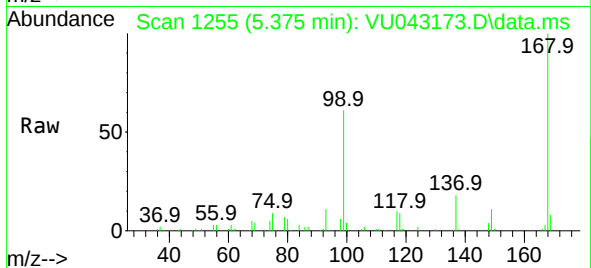
Tgt Ion: 59 Resp: 303
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#



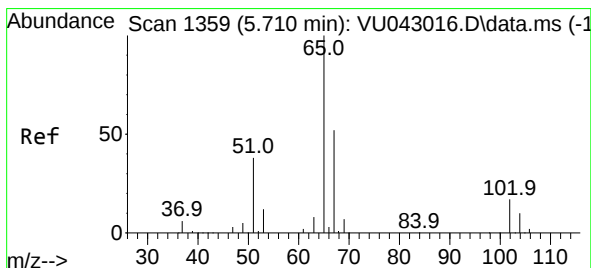
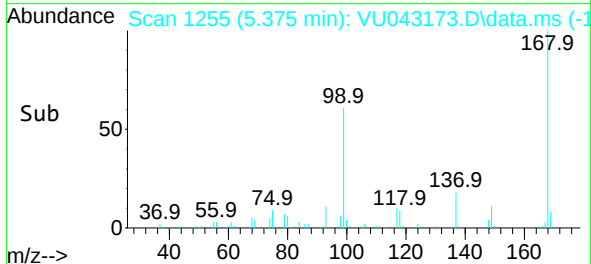
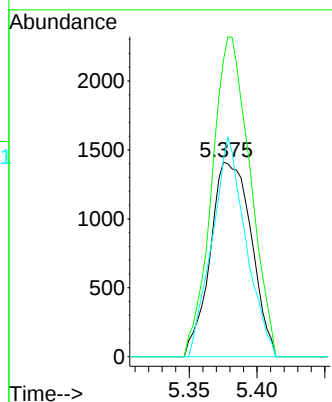


#31
Cyclohexane
Concen: 1.24 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.020 min
Lab File: VU043173.D
Acq: 16 Apr 2021 17:00

Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK-1

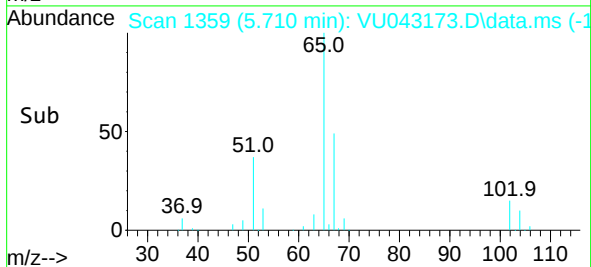
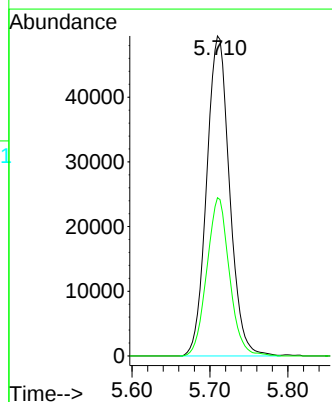
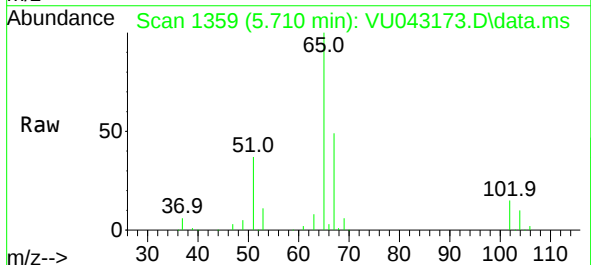


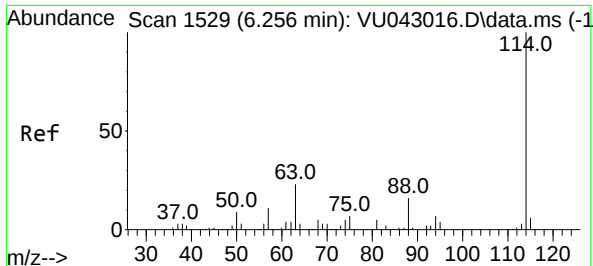
Tgt Ion: 56 Resp: 2965
Ion Ratio Lower Upper
56 100
69 152.5 24.9 37.3#
84 101.7 63.7 95.5#



#33
1,2-Dichloroethane-d4
Concen: 52.31 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043173.D
Acq: 16 Apr 2021 17:00

Tgt Ion: 65 Resp: 101019
Ion Ratio Lower Upper
65 100
67 48.8 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: VU043173.D

Acq: 16 Apr 2021 17:00

Tgt Ion:114 Resp: 194822

Ion Ratio Lower Upper

114 100

63 24.7 0.0 44.2

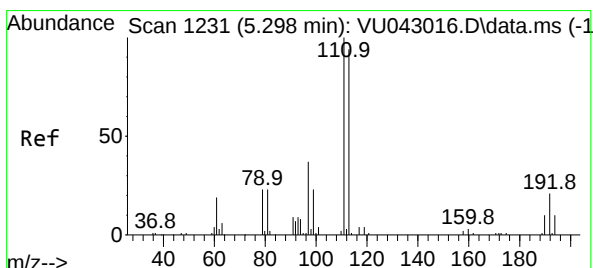
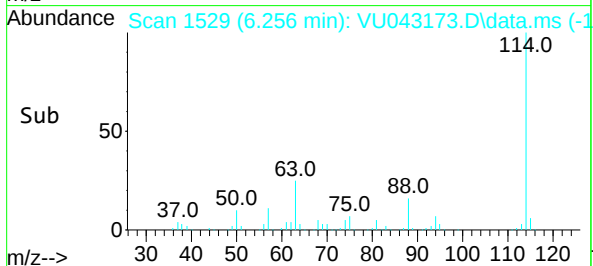
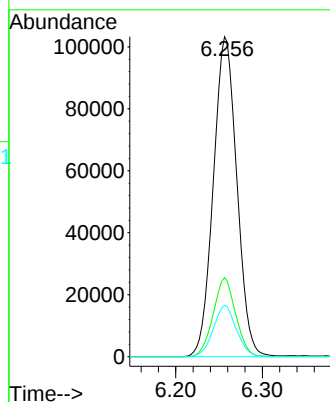
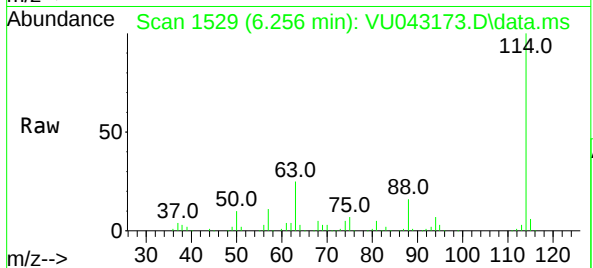
88 16.1 0.0 33.4

Instrument :

MSVOA_U

ClientSampleId :

TRIP-BLANK-1



#35

Dibromofluoromethane

Concen: 46.66 ug/l

RT: 5.298 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VU043173.D

Acq: 16 Apr 2021 17:00

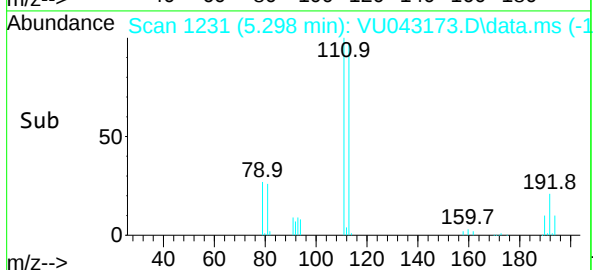
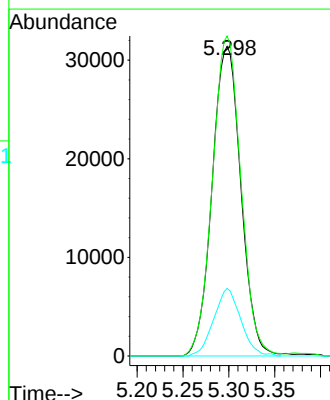
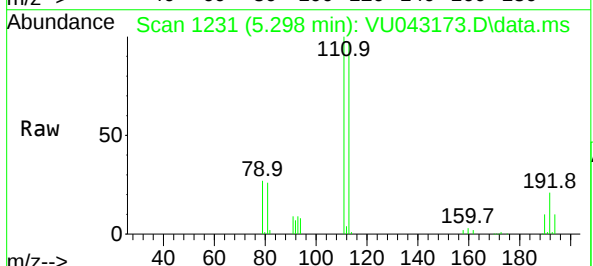
Tgt Ion:113 Resp: 68311

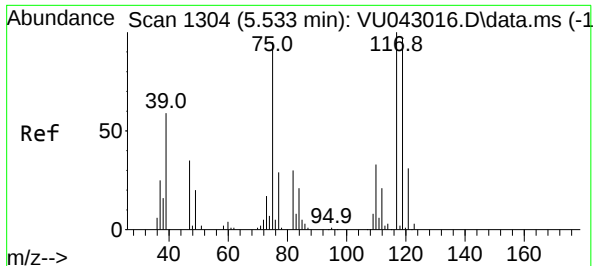
Ion Ratio Lower Upper

113 100

111 102.6 81.8 122.8

192 20.5 17.2 25.8



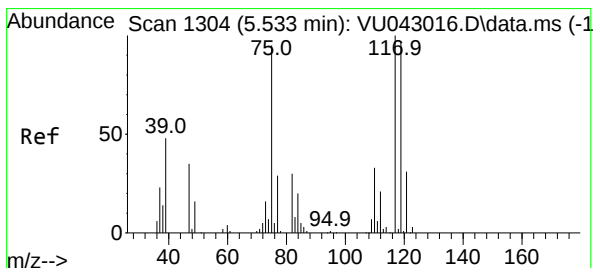
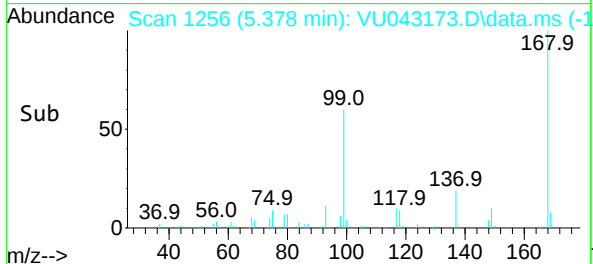
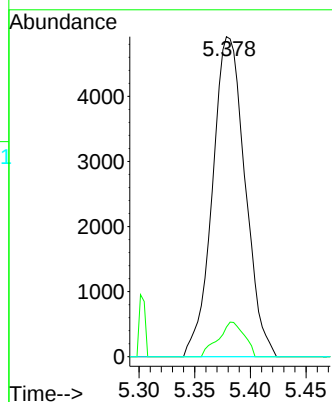
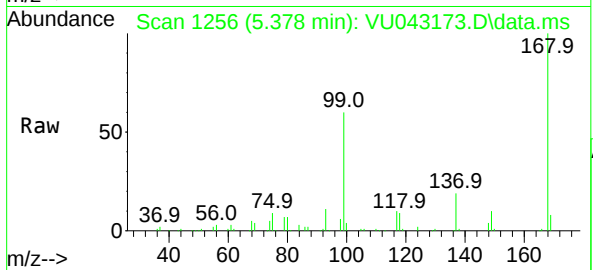


#36

1,1-Dichloropropene
Concen: 4.84 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.155 min
Lab File: VU043173.D
Acq: 16 Apr 2021 17:00

Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK-1

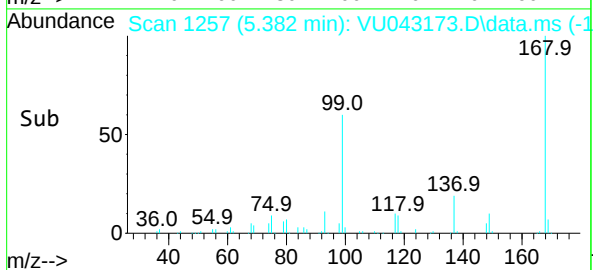
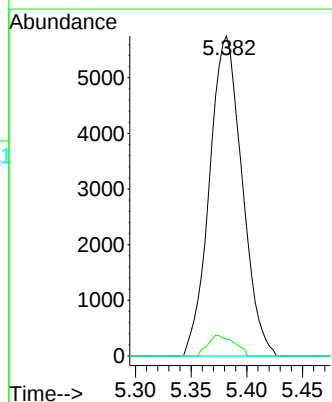
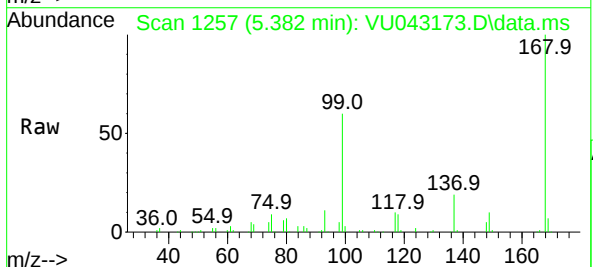
Tgt Ion: 75 Resp: 10002
Ion Ratio Lower Upper
75 100
110 8.6 16.8 50.3#
77 0.0 24.8 37.2#

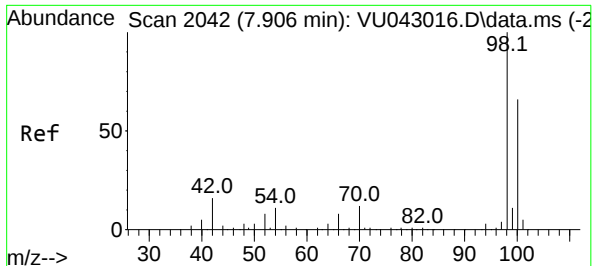


#38

Carbon Tetrachloride
Concen: 5.28 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043173.D
Acq: 16 Apr 2021 17:00

Tgt Ion: 117 Resp: 11703
Ion Ratio Lower Upper
117 100
119 5.4 75.5 113.3#
121 0.0 24.7 37.1#





#50

Toluene-d8

Concen: 47.74 ug/l

RT: 7.906 min Scan# 2042

Delta R.T. -0.000 min

Lab File: VU043173.D

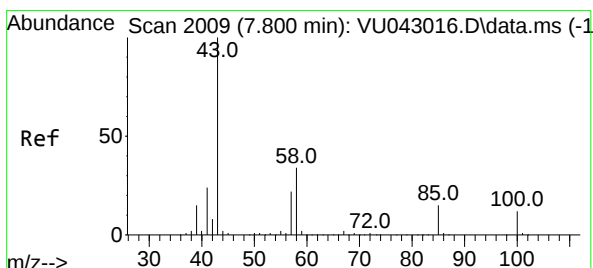
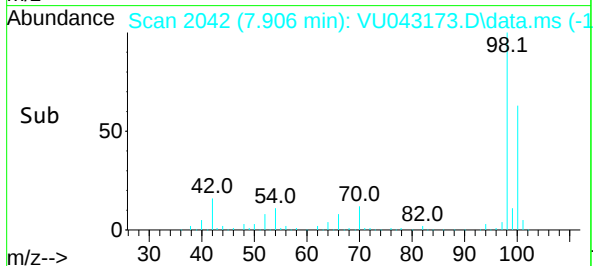
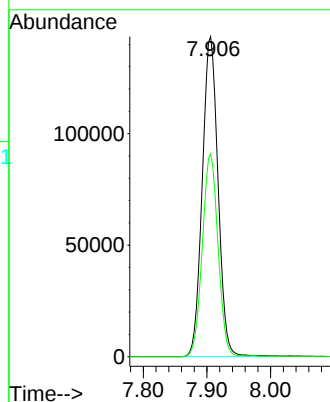
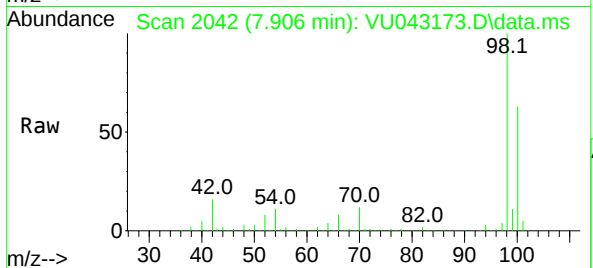
Acq: 16 Apr 2021 17:00

Tgt Ion: 98 Resp: 247325

Ion Ratio Lower Upper

98 100

100 63.0 50.2 75.2



#51

4-Methyl-2-Pentanone

Concen: 0.37 ug/l

RT: 7.906 min Scan# 2042

Delta R.T. 0.106 min

Lab File: VU043173.D

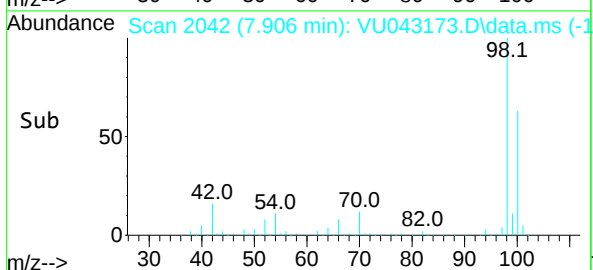
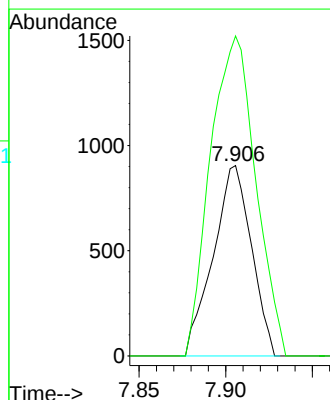
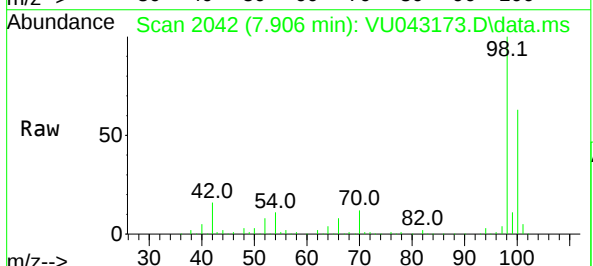
Acq: 16 Apr 2021 17:00

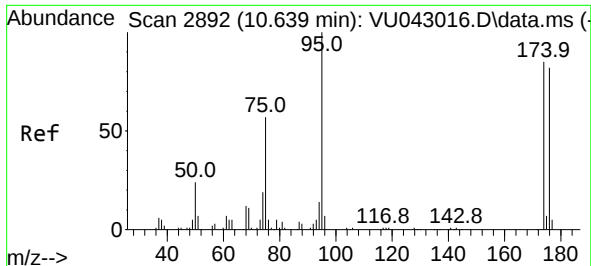
Tgt Ion: 43 Resp: 1389

Ion Ratio Lower Upper

43 100

58 198.8 28.1 42.1#

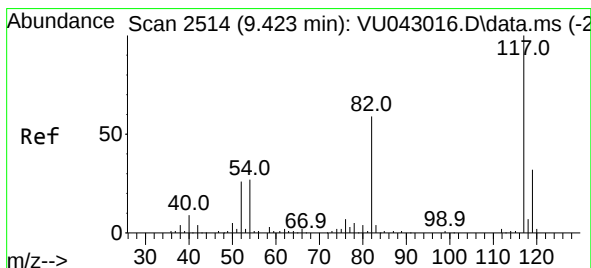
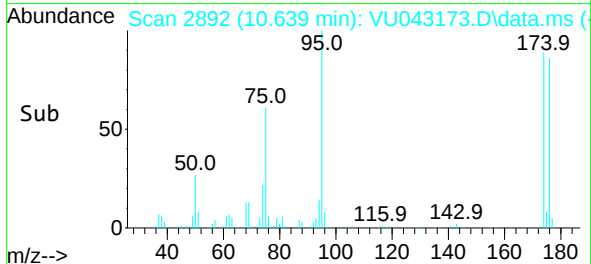
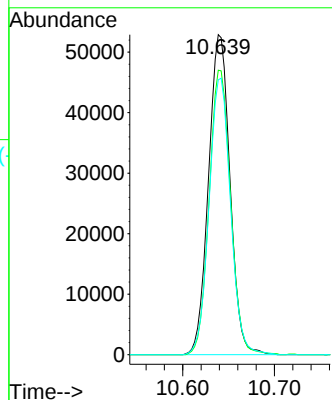
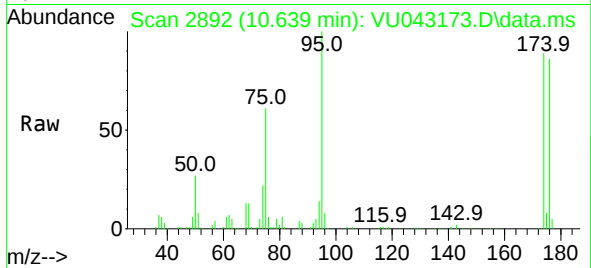




#62
4-Bromofluorobenzene
Concen: 41.55 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043173.D
Acq: 16 Apr 2021 17:00

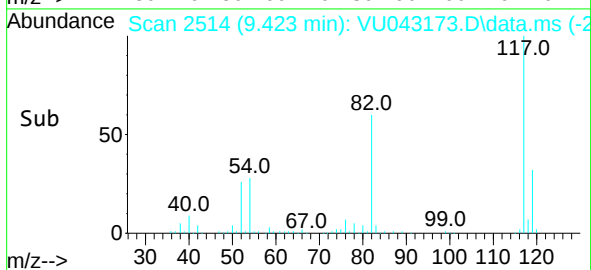
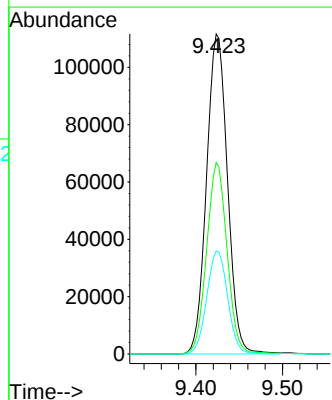
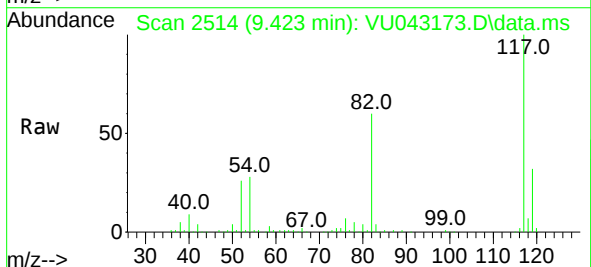
Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK-1

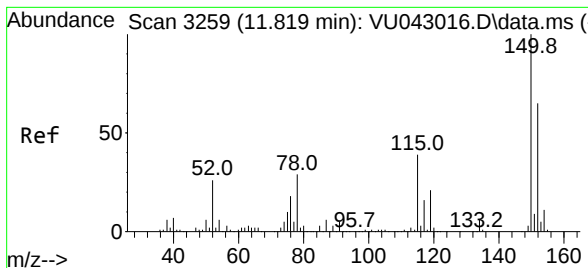
Tgt Ion: 95 Resp: 86197
Ion Ratio Lower Upper
95 100
174 88.6 0.0 172.2
176 86.2 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043173.D
Acq: 16 Apr 2021 17:00

Tgt Ion: 117 Resp: 187501
Ion Ratio Lower Upper
117 100
82 59.8 45.8 68.6
119 32.2 25.8 38.8

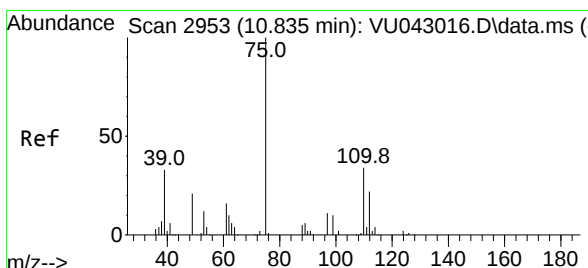
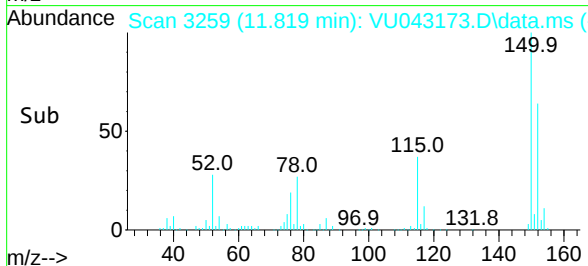
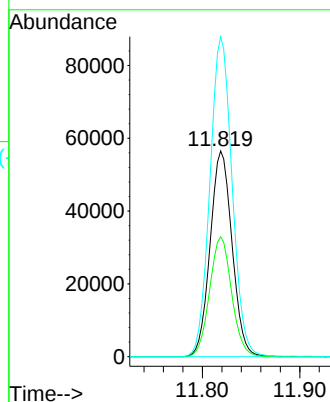
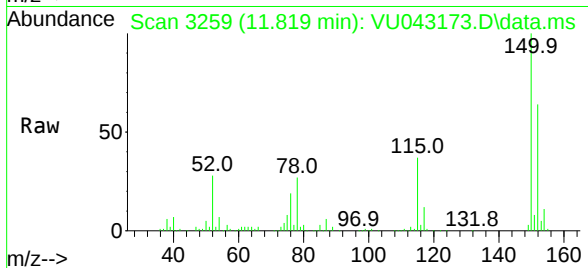




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU043173.D
 Acq: 16 Apr 2021 17:00

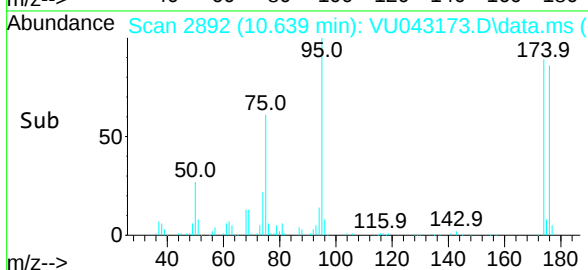
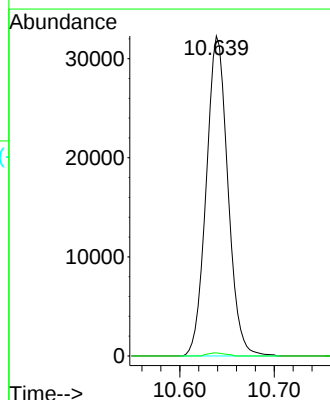
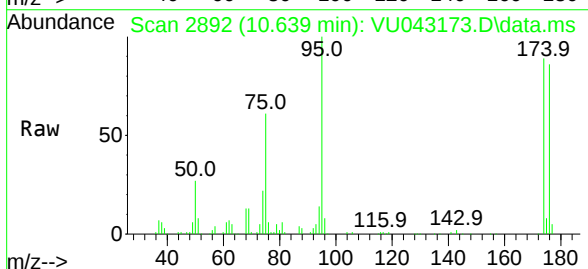
Instrument :
 MSVOA_U
 ClientSampleId :
 TRIP-BLANK-1

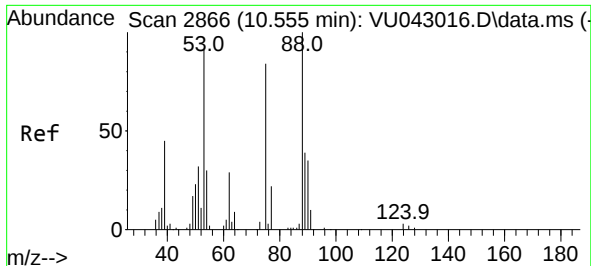
Tgt Ion:152 Resp: 88451
 Ion Ratio Lower Upper
 152 100
 115 58.4 41.5 124.6
 150 157.3 0.0 342.4



#76
 1,2,3-Trichloropropane
 Concen: 19.85 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.196 min
 Lab File: VU043173.D
 Acq: 16 Apr 2021 17:00

Tgt Ion: 75 Resp: 51307
 Ion Ratio Lower Upper
 75 100
 77 0.8 20.2 60.5#

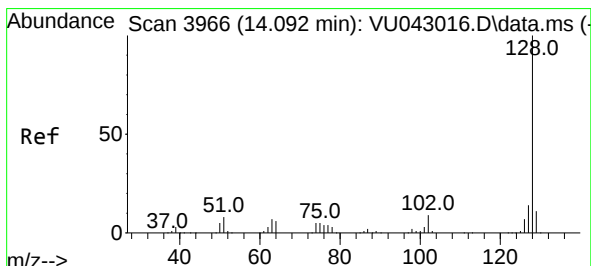
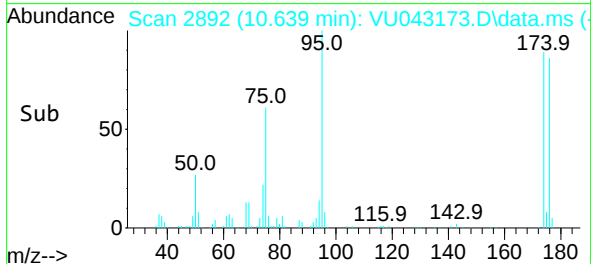
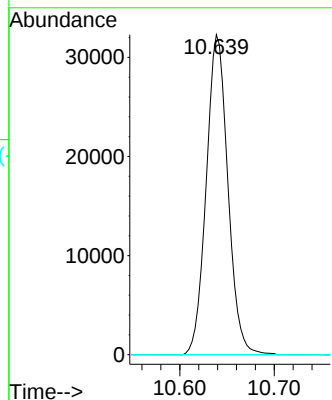
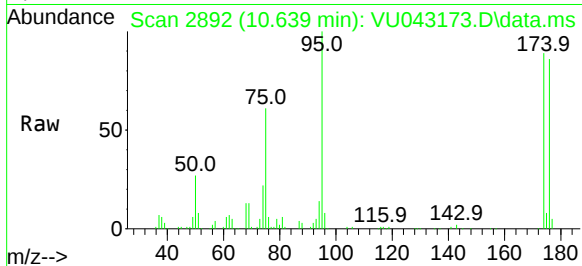




#81
trans-1,4-Dichloro-2-butene
Concen: 58.33 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043173.D
Acq: 16 Apr 2021 17:00

Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK-1

Tgt Ion: 75 Resp: 51307
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#



#95
Naphthalene
Concen: 2.88 ug/l
RT: 14.102 min Scan# 3969
Delta R.T. 0.010 min
Lab File: VU043173.D
Acq: 16 Apr 2021 17:00

Tgt Ion: 128 Resp: 963
Ion Ratio Lower Upper
128 100
127 12.6 10.8 16.2
129 0.0 8.6 13.0#

