

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032521\
 Data File : VU042775.D
 Acq On : 25 Mar 2021 11:00
 Operator : SY/MD
 Sample : VU0325WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0325WBL01

Quant Time: Mar 26 02:03:26 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)

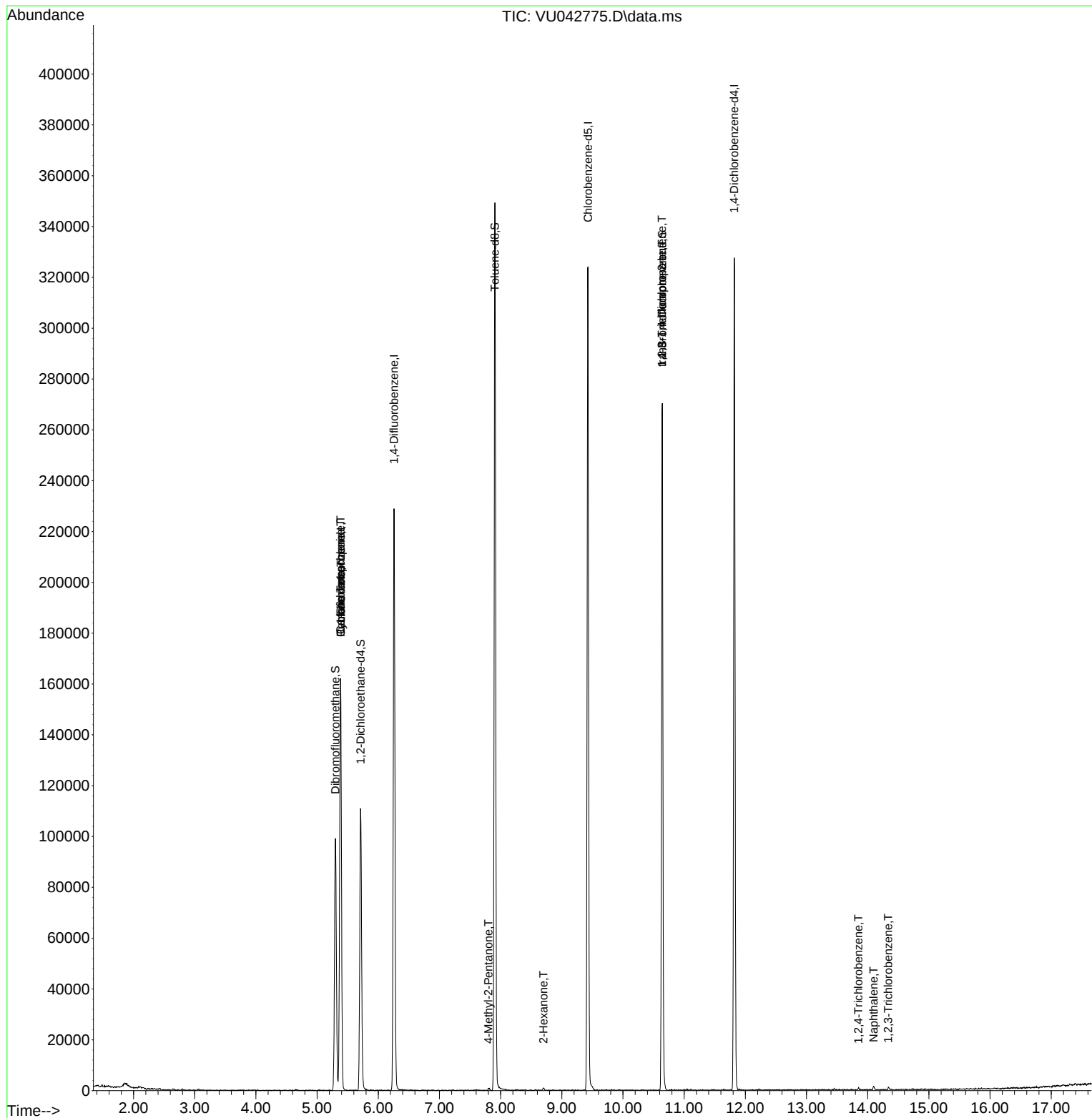
Internal Standards						
1) Pentafluorobenzene	5.385	168	112335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.257	114	171515	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	165426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	82262	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	87844	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.10%	
35) Dibromofluoromethane	5.298	113	60879	47.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.12%	
50) Toluene-d8	7.906	98	215668	47.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.78%	
62) 4-Bromofluorobenzene	10.642	95	78497	44.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.72%	
Target Compounds					Qvalue	
5) Bromomethane	1.864	94	212	Below Cal	#	77
16) Acetone	2.646	43	412	Below Cal	#	48
31) Cyclohexane	5.385	56	2676	1.20	ug/l #	25
36) 1,1-Dichloropropene	5.382	75	9298	5.48	ug/l #	50
38) Carbon Tetrachloride	5.382	117	11199	5.78	ug/l #	17
51) 4-Methyl-2-Pentanone	7.800	43	914	0.33	ug/l	92
59) 2-Hexanone	8.700	43	1034	0.47	ug/l	95
76) 1,2,3-Trichloropropane	10.639	75	44942	21.48	ug/l #	38
81) trans-1,4-Dichloro-2-b...	10.639	75	44942	63.65	ug/l #	6
93) 1,2,4-Trichlorobenzene	13.848	180	363	0.22	ug/l #	87
95) Naphthalene	14.095	128	1825	2.89	ug/l #	89
96) 1,2,3-Trichlorobenzene	14.337	180	352	0.21	ug/l #	51

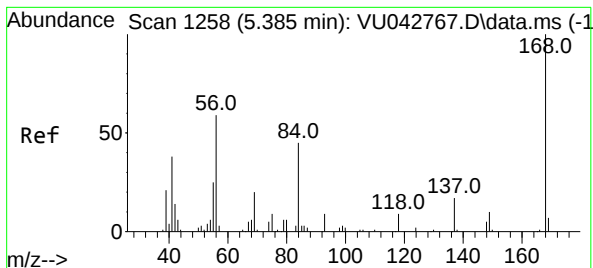
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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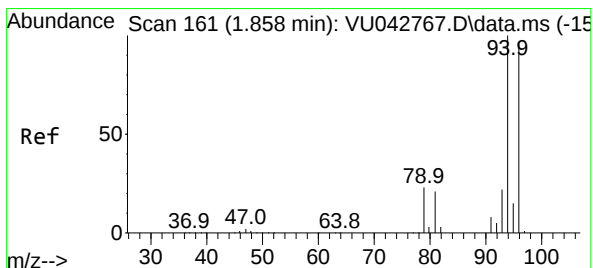
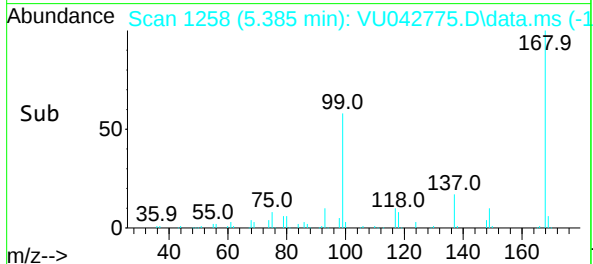
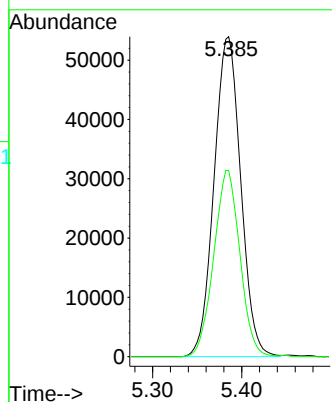
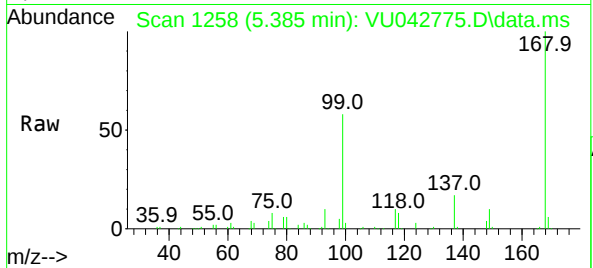




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VU042775.D
Acq: 25 Mar 2021 11:00

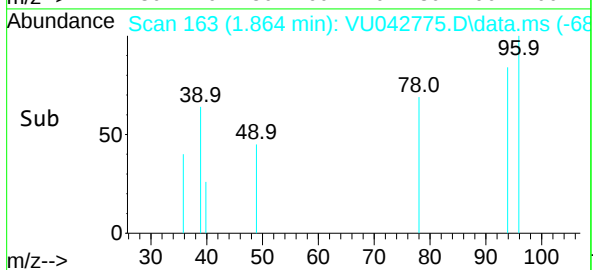
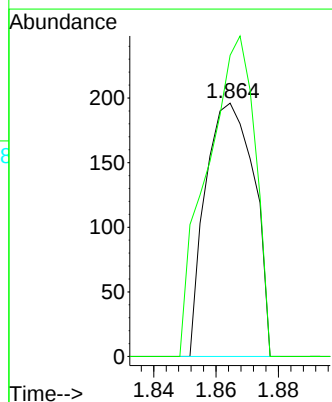
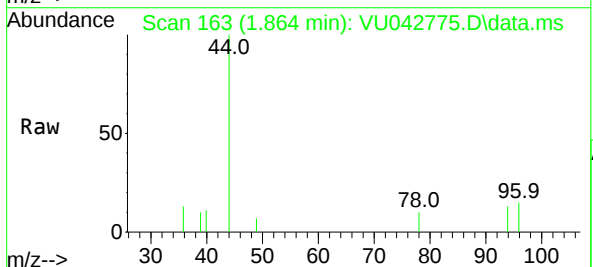
Instrument :
MSVOA_U
ClientSampleId :
VU0325WBL01

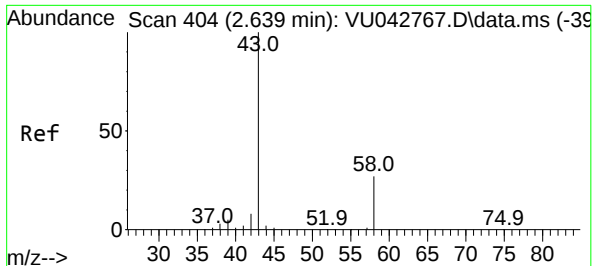
Tgt Ion:168 Resp: 112335
Ion Ratio Lower Upper
168 100
99 58.2 46.4 69.6



#5
Bromomethane
Concen: Below Cal
RT: 1.864 min Scan# 163
Delta R.T. 0.006 min
Lab File: VU042775.D
Acq: 25 Mar 2021 11:00

Tgt Ion: 94 Resp: 212
Ion Ratio Lower Upper
94 100
96 118.9 77.1 115.7#

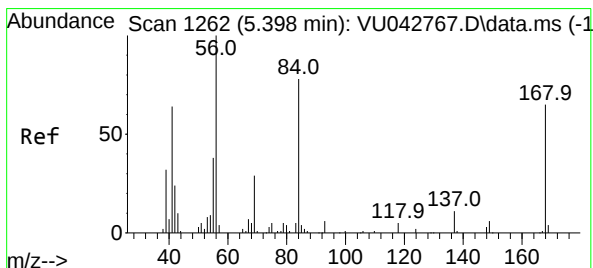
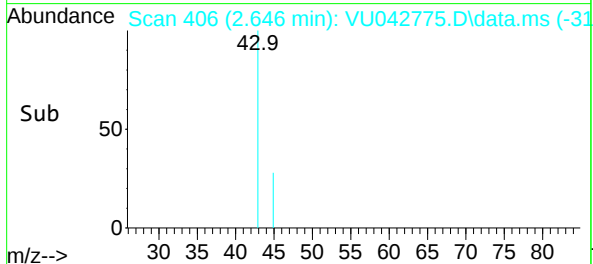
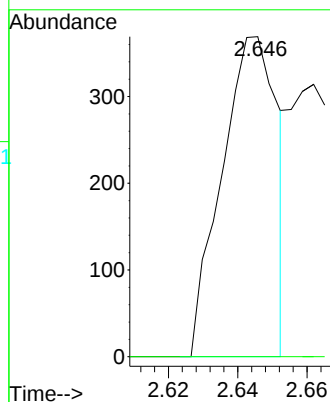
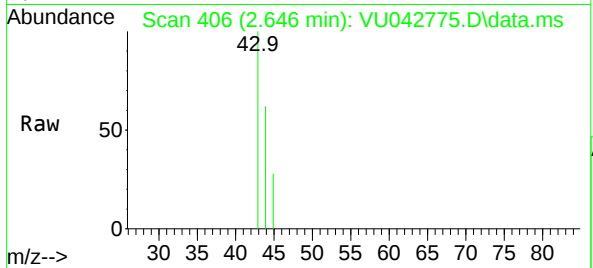




#16
Acetone
Concen: Below Cal
RT: 2.646 min Scan# 406
Delta R.T. 0.007 min
Lab File: VU042775.D
Acq: 25 Mar 2021 11:00

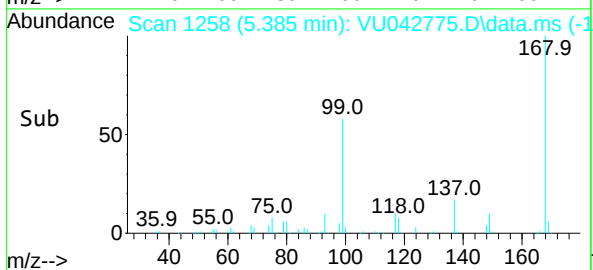
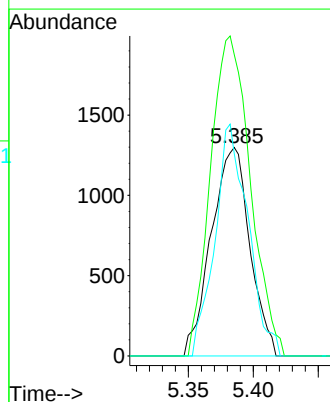
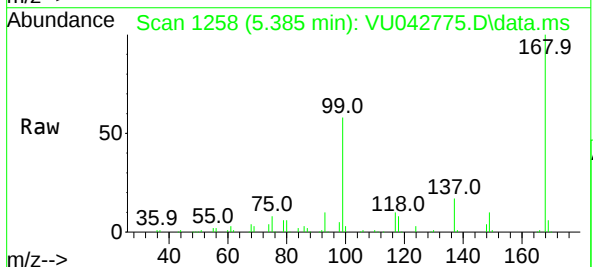
Instrument :
MSVOA_U
ClientSampleId :
VU0325WBL01

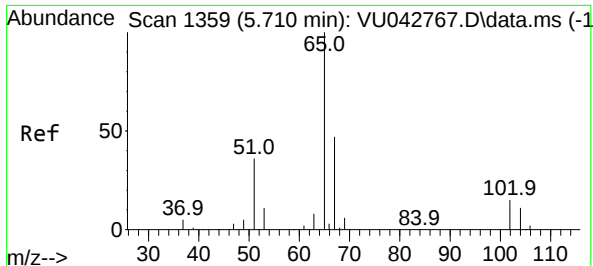
Tgt Ion: 43 Resp: 412
Ion Ratio Lower Upper
43 100
58 0.0 21.6 32.4#



#31
Cyclohexane
Concen: 1.20 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.013 min
Lab File: VU042775.D
Acq: 25 Mar 2021 11:00

Tgt Ion: 56 Resp: 2676
Ion Ratio Lower Upper
56 100
69 144.5 23.3 34.9#
84 97.1 62.2 93.4#





#33

1,2-Dichloroethane-d4

Concen: 49.05 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. 0.000 min

Lab File: VU042775.D

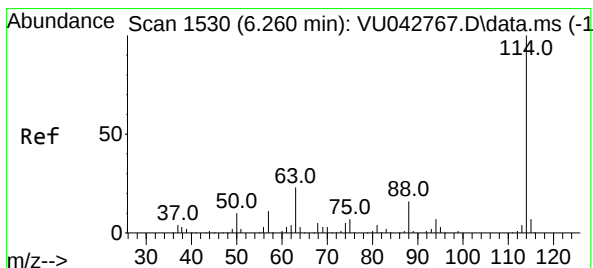
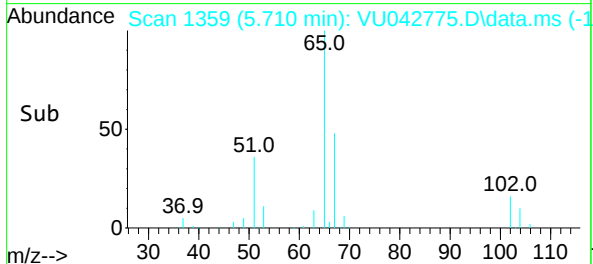
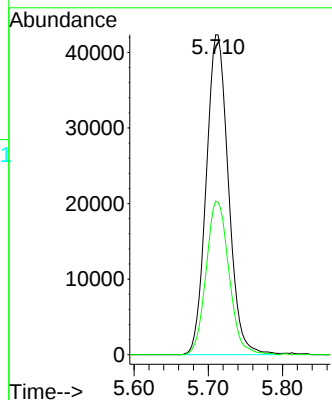
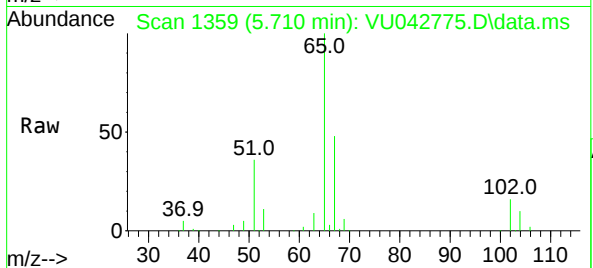
Acq: 25 Mar 2021 11:00

Tgt Ion: 65 Resp: 87844

Ion Ratio Lower Upper

65 100

67 49.4 0.0 98.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.257 min Scan# 1529

Delta R.T. -0.003 min

Lab File: VU042775.D

Acq: 25 Mar 2021 11:00

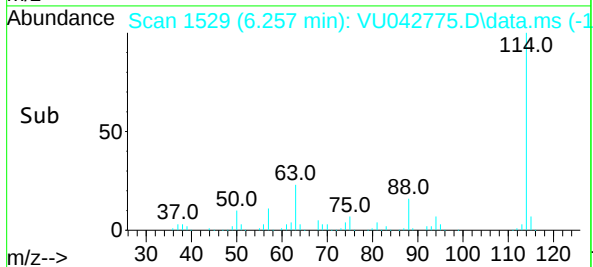
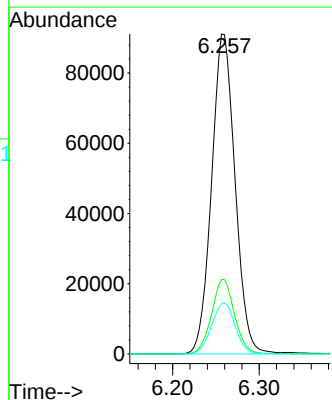
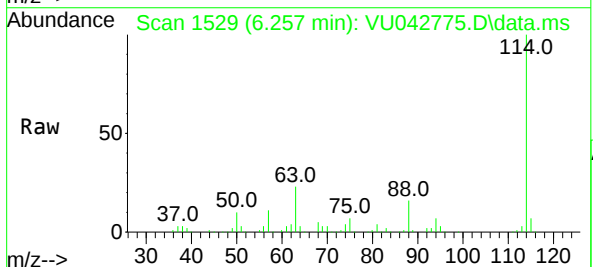
Tgt Ion: 114 Resp: 171515

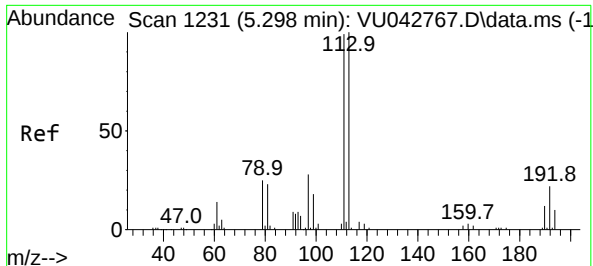
Ion Ratio Lower Upper

114 100

63 23.3 0.0 46.8

88 15.7 0.0 32.2

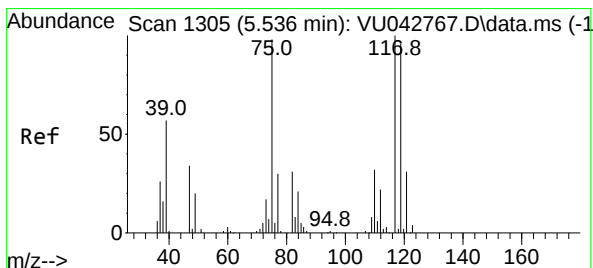
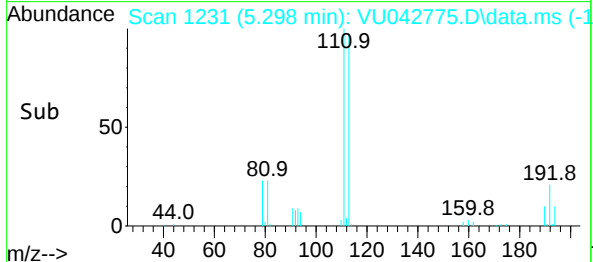
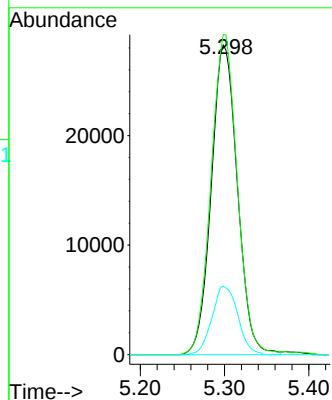
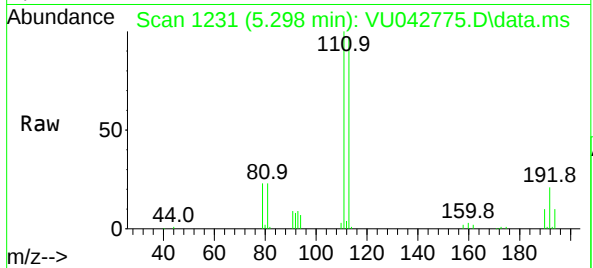




#35
Dibromofluoromethane
Concen: 47.56 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU042775.D
Acq: 25 Mar 2021 11:00

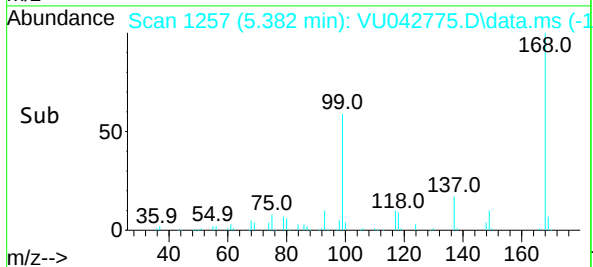
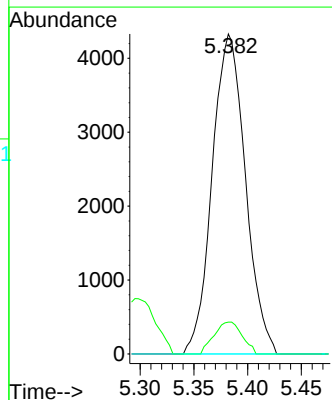
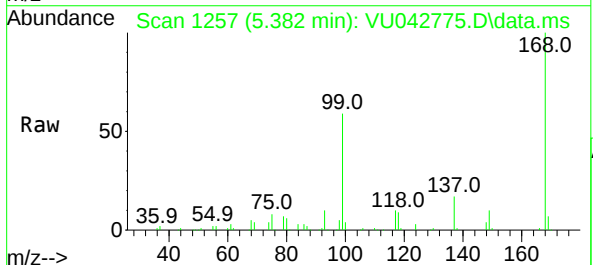
Instrument :
MSVOA_U
ClientSampleId :
VU0325WBL01

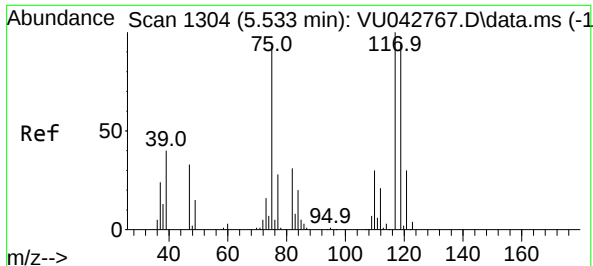
Tgt Ion:113 Resp: 60879
Ion Ratio Lower Upper
113 100
111 103.8 82.1 123.1
192 21.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.48 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.154 min
Lab File: VU042775.D
Acq: 25 Mar 2021 11:00

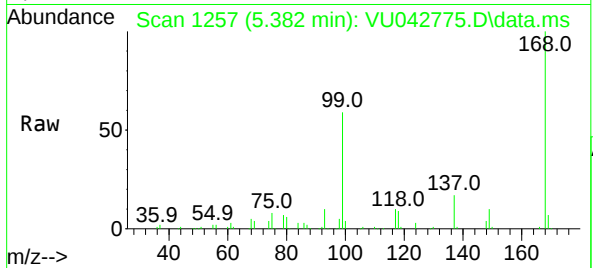
Tgt Ion: 75 Resp: 9298
Ion Ratio Lower Upper
75 100
110 8.4 16.6 49.7#
77 0.0 24.7 37.1#



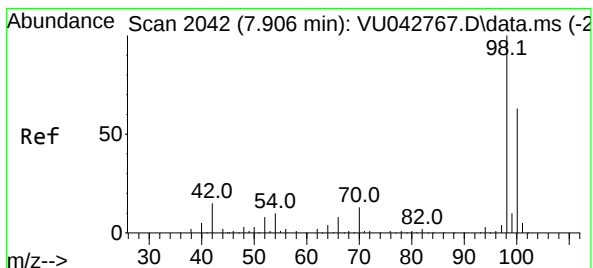
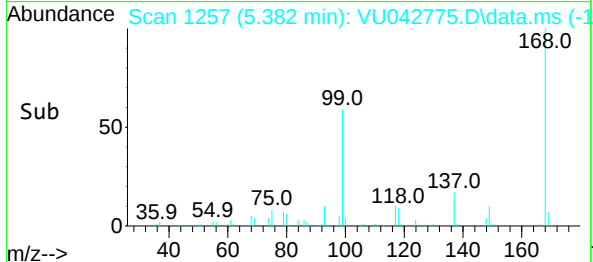
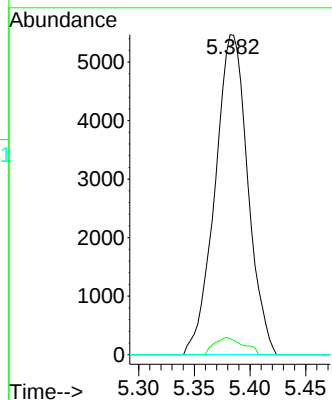


#38
Carbon Tetrachloride
Concen: 5.78 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU042775.D
Acq: 25 Mar 2021 11:00

Instrument :
MSVOA_U
ClientSampleId :
VU0325WBL01

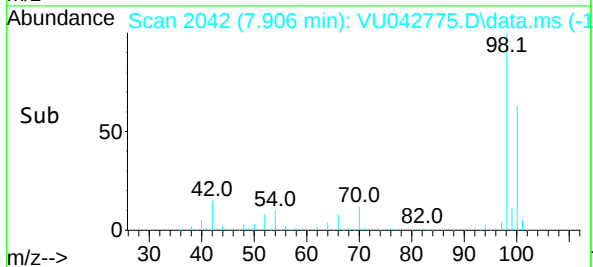
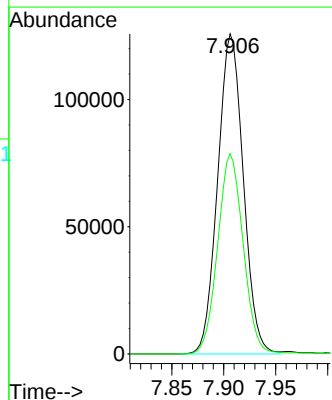
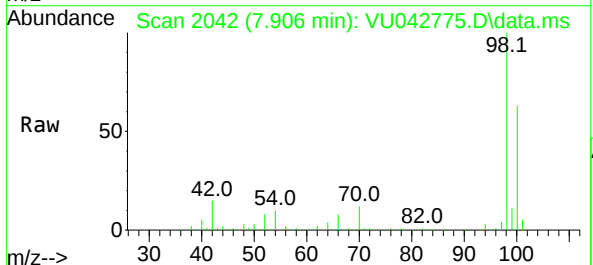


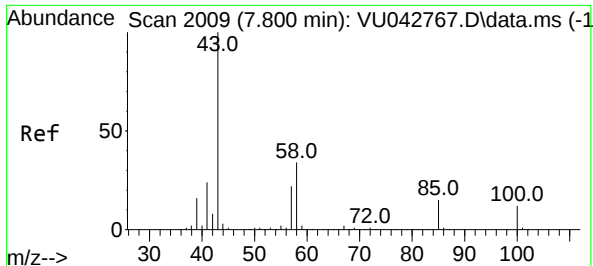
Tgt Ion:117 Resp: 11199
Ion Ratio Lower Upper
117 100
119 5.0 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 47.89 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VU042775.D
Acq: 25 Mar 2021 11:00

Tgt Ion: 98 Resp: 215668
Ion Ratio Lower Upper
98 100
100 62.3 50.4 75.6

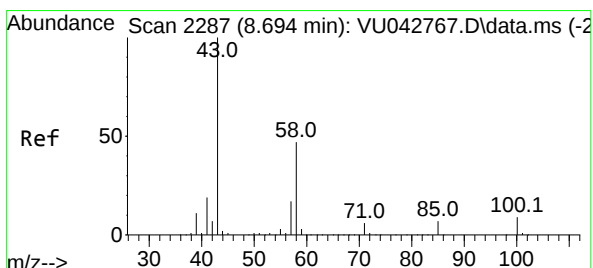
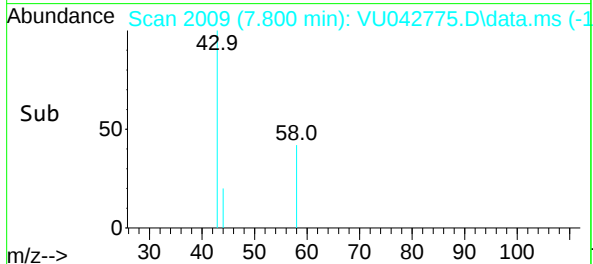
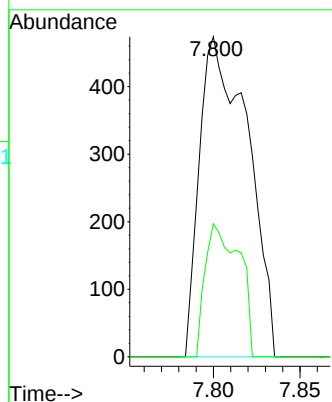
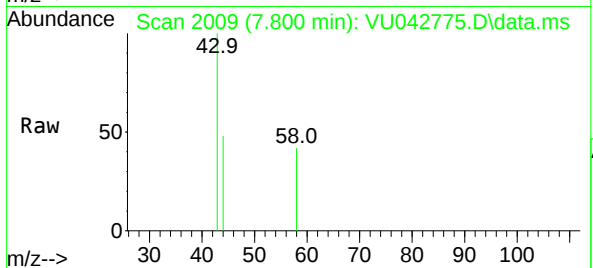




#51
4-Methyl-2-Pentanone
Concen: 0.33 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VU042775.D
Acq: 25 Mar 2021 11:00

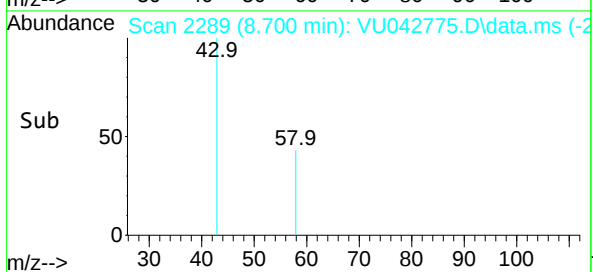
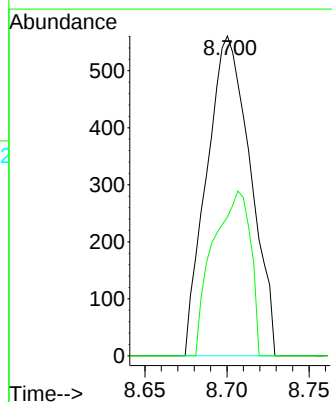
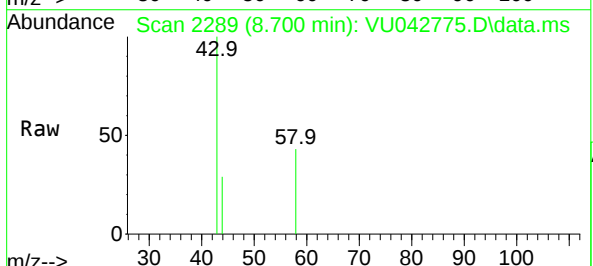
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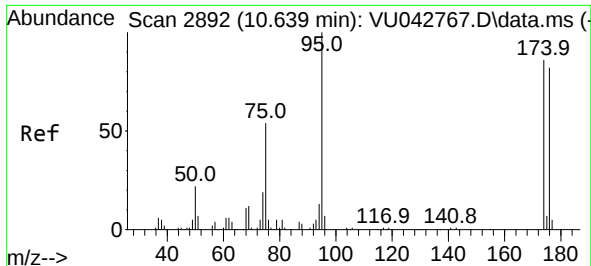
Tgt Ion: 43 Resp: 914
Ion Ratio Lower Upper
43 100
58 29.4 27.4 41.2



#59
2-Hexanone
Concen: 0.47 ug/l
RT: 8.700 min Scan# 2289
Delta R.T. 0.007 min
Lab File: VU042775.D
Acq: 25 Mar 2021 11:00

Tgt Ion: 43 Resp: 1034
Ion Ratio Lower Upper
43 100
58 44.2 23.8 71.2

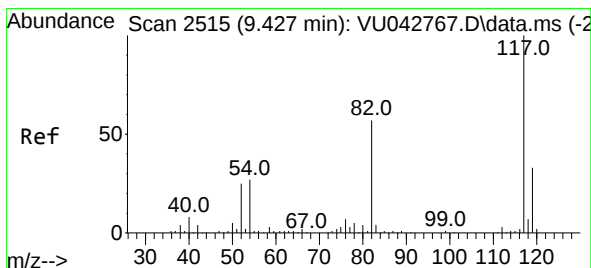
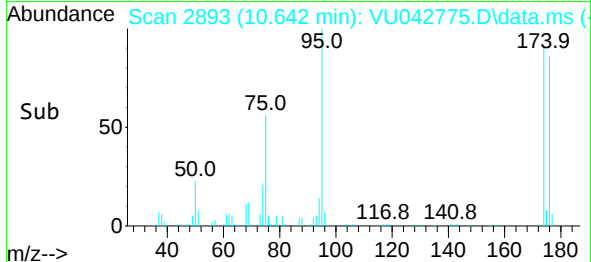
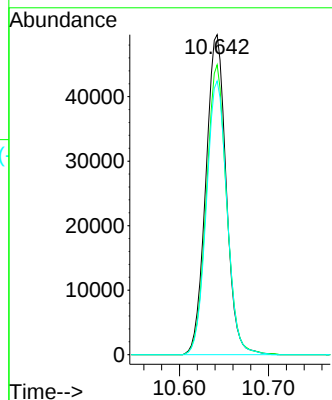
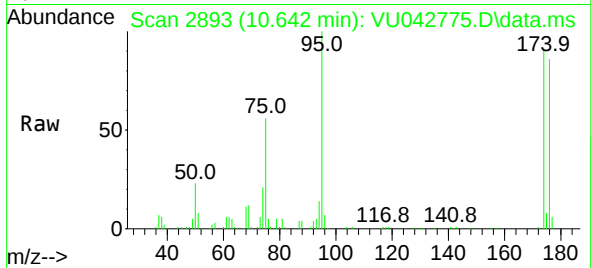




#62
4-Bromofluorobenzene
Concen: 44.86 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.003 min
Lab File: VU042775.D
Acq: 25 Mar 2021 11:00

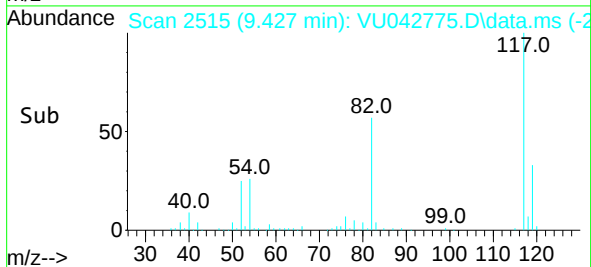
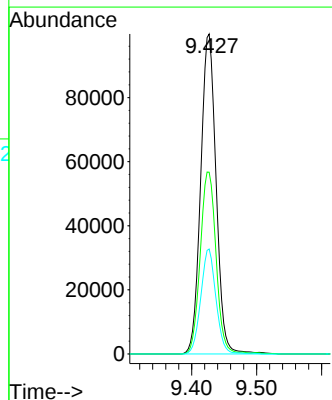
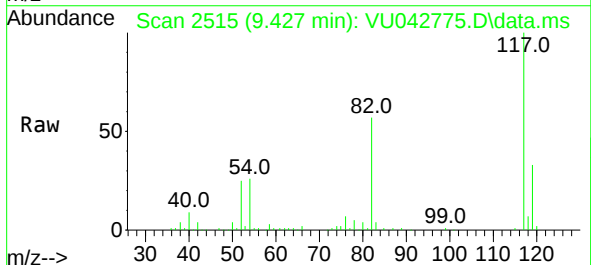
Instrument :
MSVOA_U
ClientSampleId :
VU0325WBL01

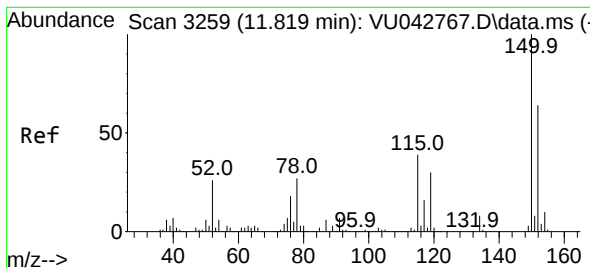
Tgt Ion: 95 Resp: 78497
Ion Ratio Lower Upper
95 100
174 90.2 0.0 175.2
176 86.8 0.0 167.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.427 min Scan# 2515
Delta R.T. 0.000 min
Lab File: VU042775.D
Acq: 25 Mar 2021 11:00

Tgt Ion: 117 Resp: 165426
Ion Ratio Lower Upper
117 100
82 56.8 45.5 68.3
119 32.8 26.2 39.4

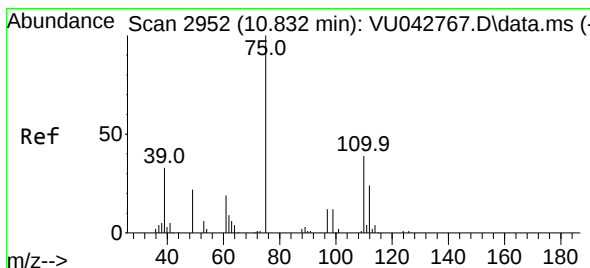
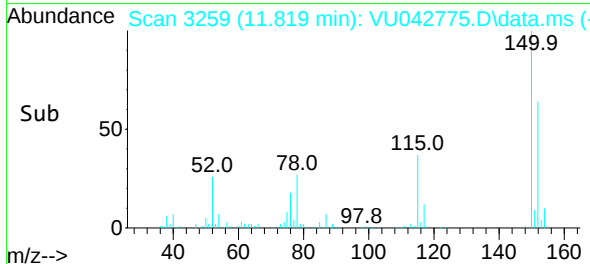
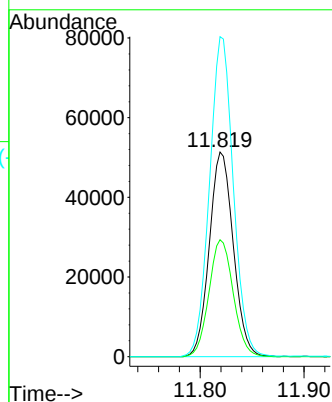
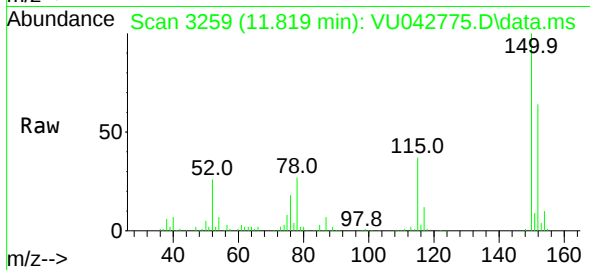




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.000 min
 Lab File: VU042775.D
 Acq: 25 Mar 2021 11:00

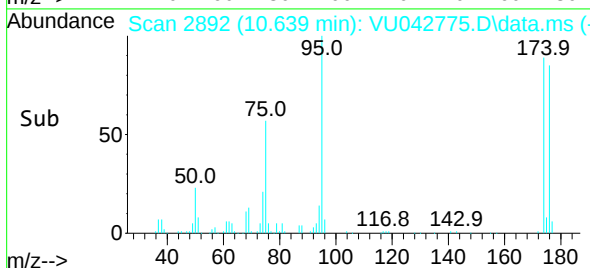
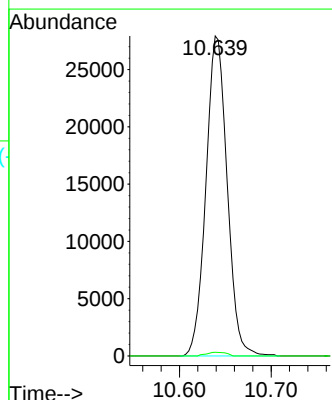
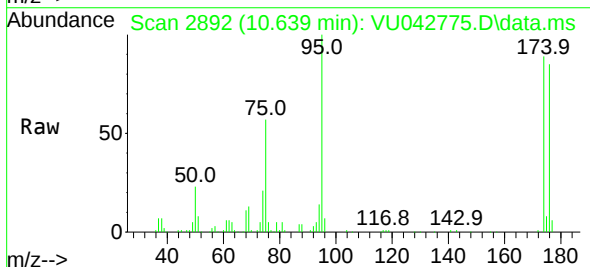
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0325WBL01

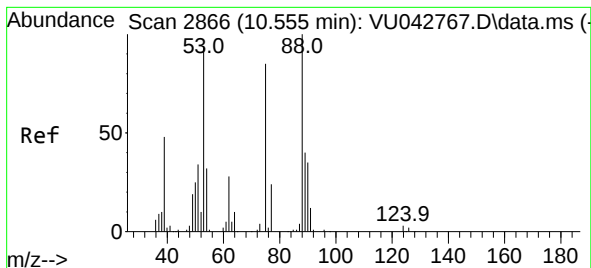
Tgt Ion:152 Resp: 82262
 Ion Ratio Lower Upper
 152 100
 115 57.8 41.0 123.0
 150 155.7 0.0 341.0



#76
 1,2,3-Trichloropropane
 Concen: 21.48 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.193 min
 Lab File: VU042775.D
 Acq: 25 Mar 2021 11:00

Tgt Ion: 75 Resp: 44942
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.6 58.8#

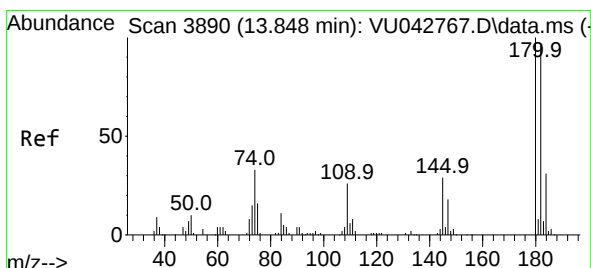
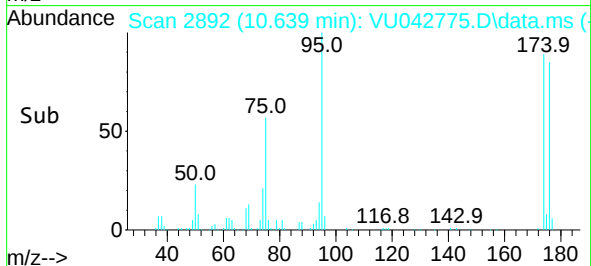
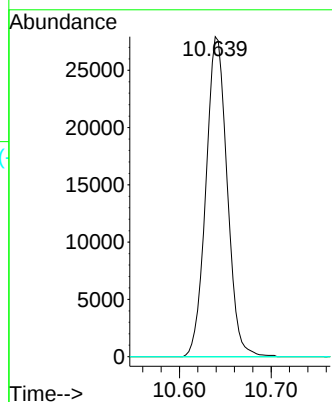
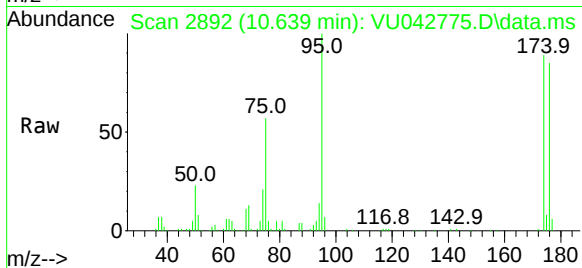




#81
trans-1,4-Dichloro-2-butene
Concen: 63.65 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU042775.D
Acq: 25 Mar 2021 11:00

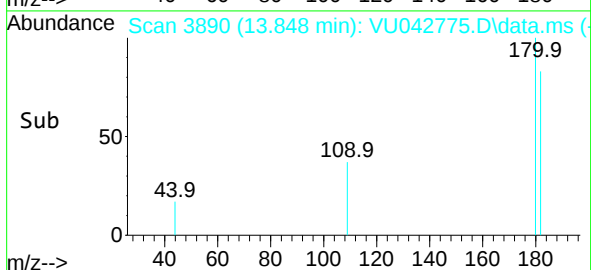
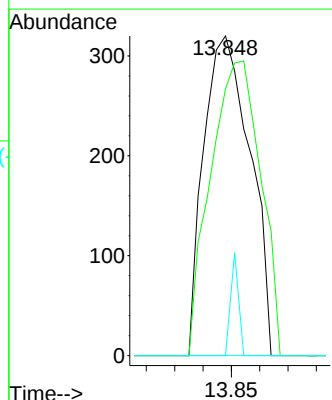
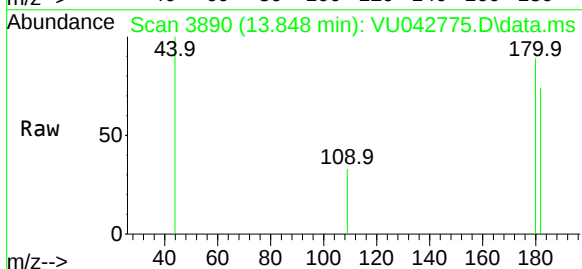
Instrument :
MSVOA_U
ClientSampleId :
VU0325WBL01

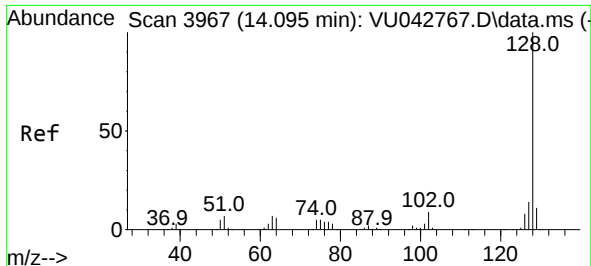
Tgt Ion: 75 Resp: 44942
Ion Ratio Lower Upper
75 100
53 0.0 88.3 132.5#
89 0.0 35.7 53.5#



#93
1,2,4-Trichlorobenzene
Concen: 0.22 ug/l
RT: 13.848 min Scan# 3890
Delta R.T. 0.000 min
Lab File: VU042775.D
Acq: 25 Mar 2021 11:00

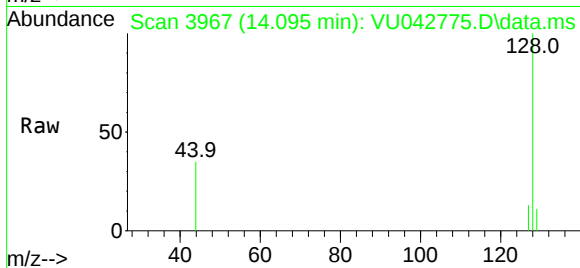
Tgt Ion:180 Resp: 363
Ion Ratio Lower Upper
180 100
182 99.7 48.0 144.0
145 5.5 14.5 43.5#



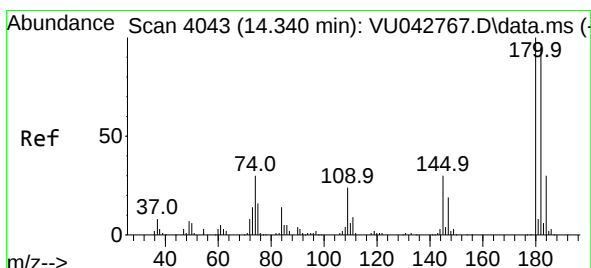
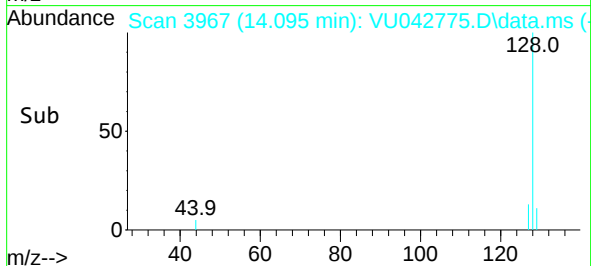
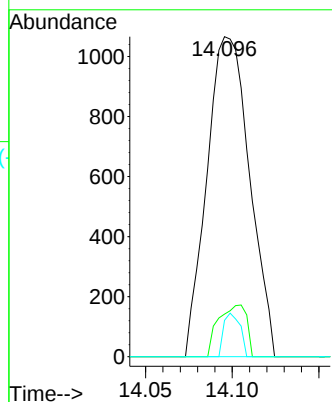


#95
Naphthalene
Concen: 2.89 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042775.D
Acq: 25 Mar 2021 11:00

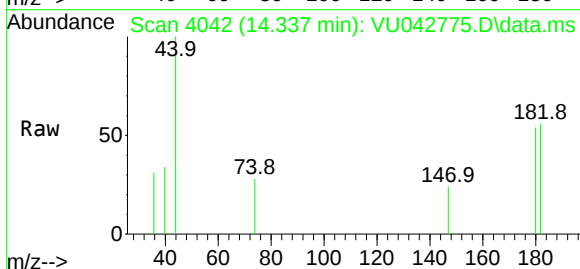
Instrument :
MSVOA_U
ClientSampleId :
VU0325WBL01



Tgt Ion:128 Resp: 1825
Ion Ratio Lower Upper
128 100
127 10.6 10.9 16.3#
129 5.2 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.21 ug/l
RT: 14.337 min Scan# 4042
Delta R.T. -0.003 min
Lab File: VU042775.D
Acq: 25 Mar 2021 11:00



Tgt Ion:180 Resp: 352
Ion Ratio Lower Upper
180 100
182 141.2 47.5 142.6
145 0.0 15.0 45.0#

