

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051221\
 Data File : VU043683.D
 Acq On : 12 May 2021 17:25
 Operator : SY/MD
 Sample : M2365-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 13 01:34:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 09:51:45 2021
 Response via : Initial Calibration

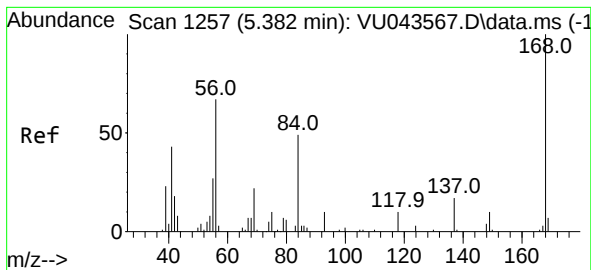
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.382	168	116896	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	213108	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	207553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	92312	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	123541	51.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.20%	
35) Dibromofluoromethane	5.298	113	85298	48.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.00%	
50) Toluene-d8	7.906	98	297350	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.48%	
62) 4-Bromofluorobenzene	10.639	95	102961	44.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.30%	
Target Compounds					Qvalue	
3) Chloromethane	1.527	50	945	0.76	ug/l	90
11) Tert butyl alcohol	3.189	59	1449	2.28	ug/l #	73
16) Acetone	2.633	43	956	0.73	ug/l	94
20) Methylene Chloride	3.054	84	959	0.52	ug/l	87
31) Cyclohexane	5.382	56	3597	1.27	ug/l #	5
36) 1,1-Dichloropropene	5.382	75	10910	4.51	ug/l #	50
38) Carbon Tetrachloride	5.382	117	12332	5.03	ug/l #	18
51) 4-Methyl-2-Pentanone	7.902	43	1826	19.53	ug/l #	1
67) Ethyl Benzene	9.430	91	479	1.50	ug/l #	45
76) 1,2,3-Trichloropropane	10.639	75	58510	19.93	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.639	75	58510	64.92	ug/l #	3
95) Naphthalene	14.098	128	123	1.54	ug/l #	69

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

Quant Time: May 13 01:34:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
Quant Title : SW846 8260
QLast Update : Tue May 11 09:51:45 2021
Response via : Initial Calibration

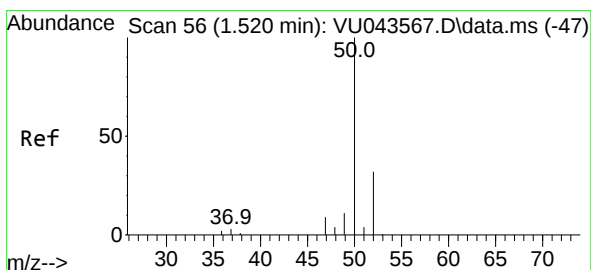
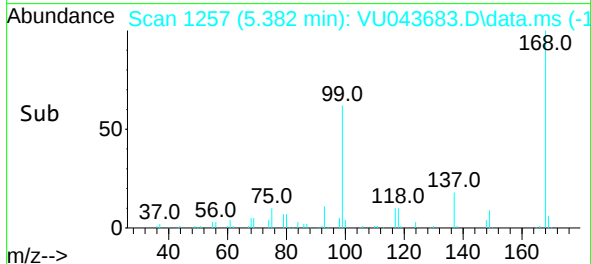
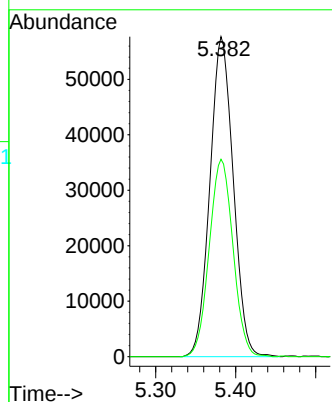
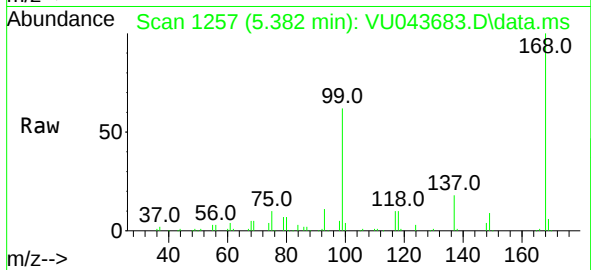




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043683.D
Acq: 12 May 2021 17:25

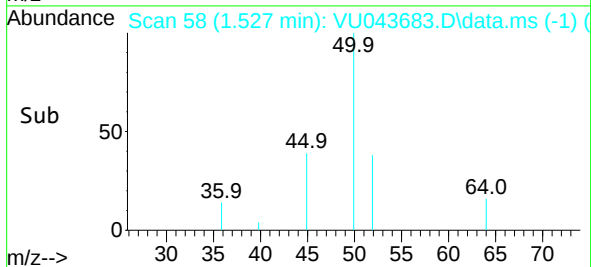
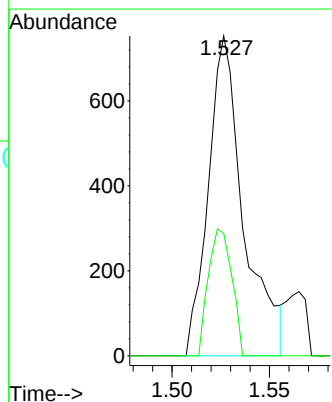
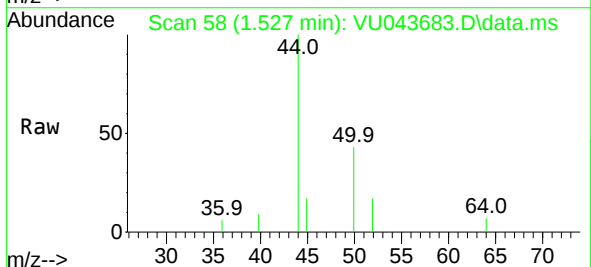
Instrument :
MSVOA_U
ClientSampleId :

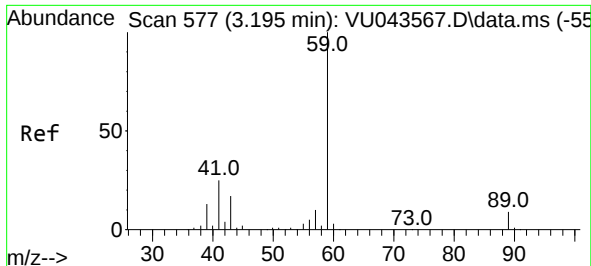
Tgt Ion:168 Resp: 116896
Ion Ratio Lower Upper
168 100
99 61.7 49.0 73.6



#3
Chloromethane
Concen: 0.76 ug/l
RT: 1.527 min Scan# 58
Delta R.T. 0.007 min
Lab File: VU043683.D
Acq: 12 May 2021 17:25

Tgt Ion: 50 Resp: 945
Ion Ratio Lower Upper
50 100
52 38.2 25.9 38.9



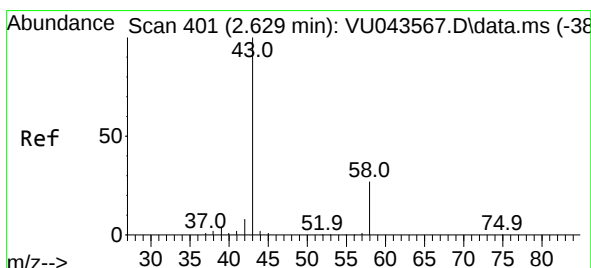
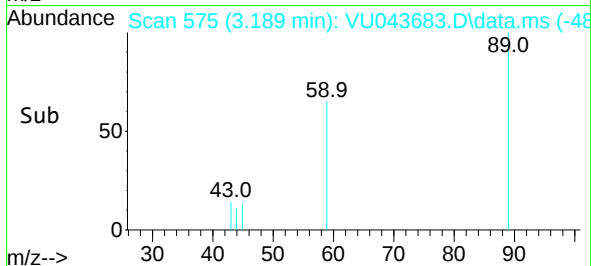
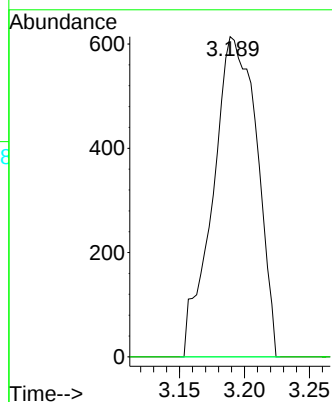
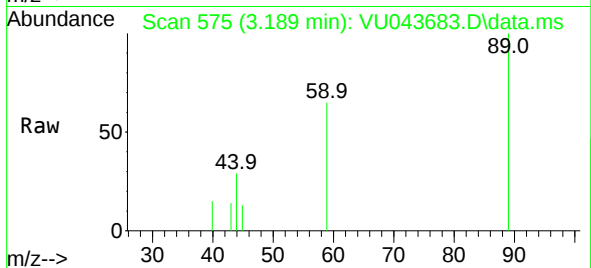


#11

Tert butyl alcohol
Concen: 2.28 ug/l
RT: 3.189 min Scan# 575
Delta R.T. -0.006 min
Lab File: VU043683.D
Acq: 12 May 2021 17:25

Instrument :
MSVOA_U
ClientSampled :

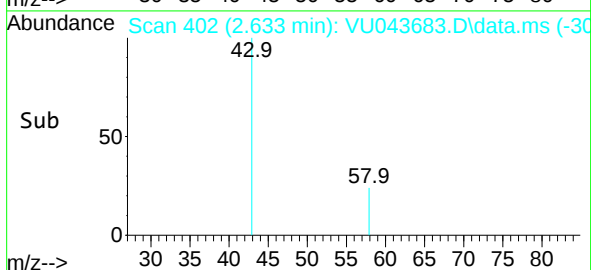
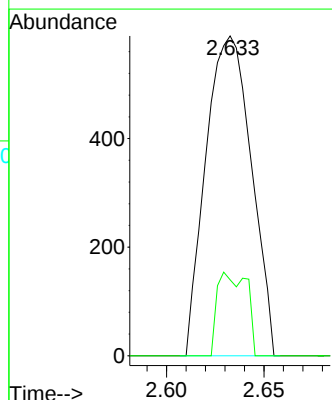
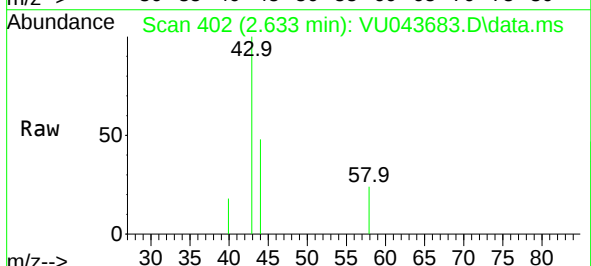
Tgt Ion: 59 Resp: 1449
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

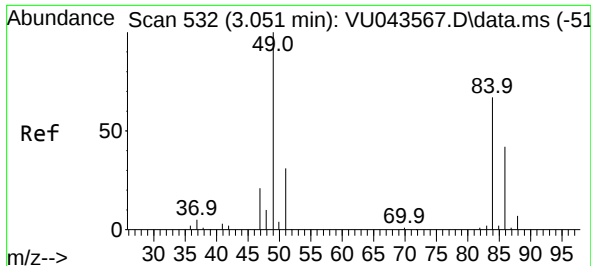


#16

Acetone
Concen: 0.73 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.003 min
Lab File: VU043683.D
Acq: 12 May 2021 17:25

Tgt Ion: 43 Resp: 956
Ion Ratio Lower Upper
43 100
58 23.8 21.7 32.5





#20

Methylene Chloride

Concen: 0.52 ug/l

RT: 3.054 min Scan# 533

Delta R.T. 0.003 min

Lab File: VU043683.D

Acq: 12 May 2021 17:25

Tgt Ion: 84 Resp: 959

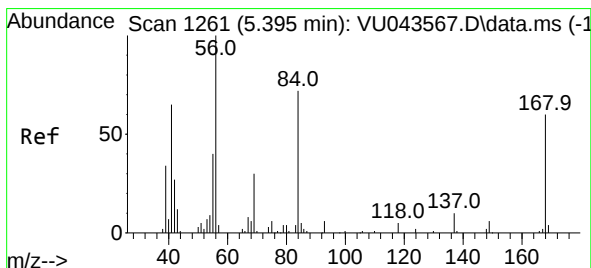
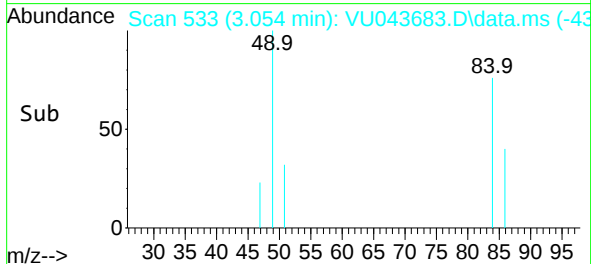
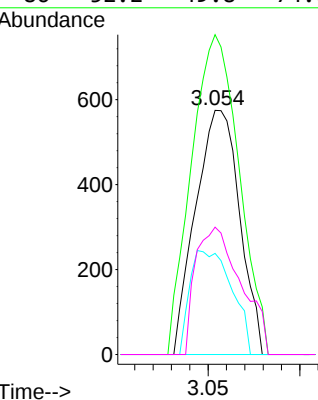
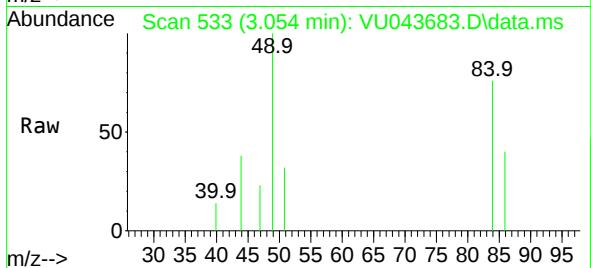
Ion Ratio Lower Upper

84 100

49 131.0 119.0 178.4

51 41.4 36.8 55.2

86 52.2 49.8 74.6



#31

Cyclohexane

Concen: 1.27 ug/l

RT: 5.382 min Scan# 1257

Delta R.T. -0.013 min

Lab File: VU043683.D

Acq: 12 May 2021 17:25

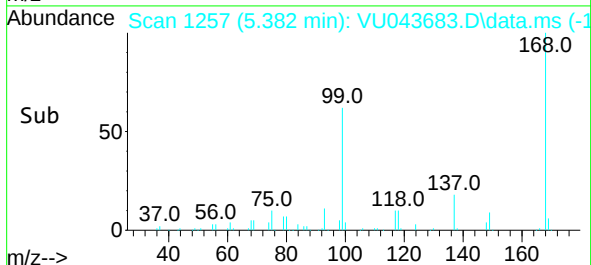
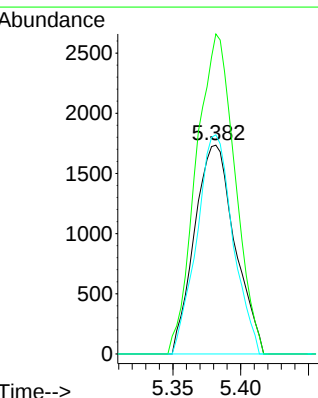
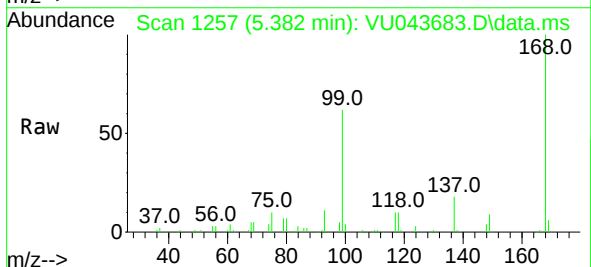
Tgt Ion: 56 Resp: 3597

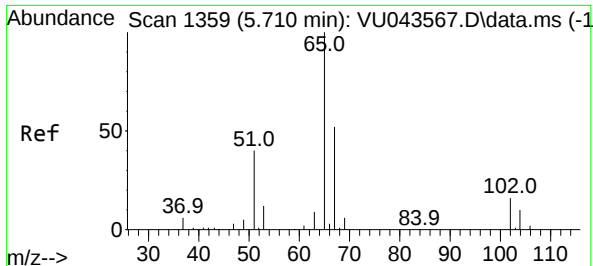
Ion Ratio Lower Upper

56 100

69 153.3 23.9 35.9#

84 105.0 57.7 86.5#





#33

1,2-Dichloroethane-d4

Concen: 51.10 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VU043683.D

Acq: 12 May 2021 17:25

Tgt Ion: 65 Resp: 123541

Ion Ratio Lower Upper

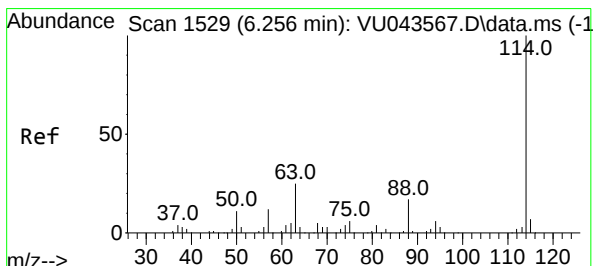
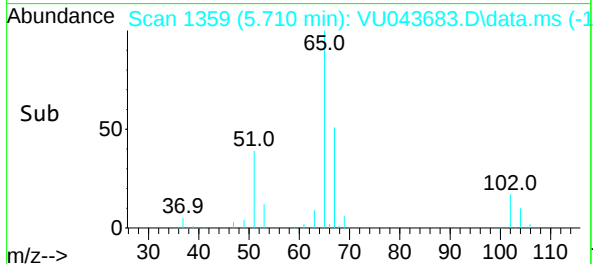
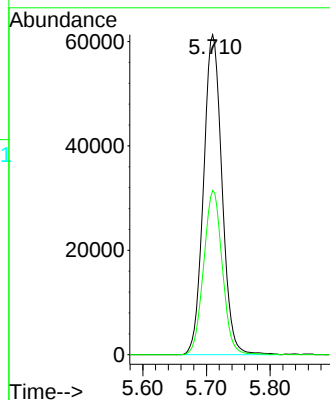
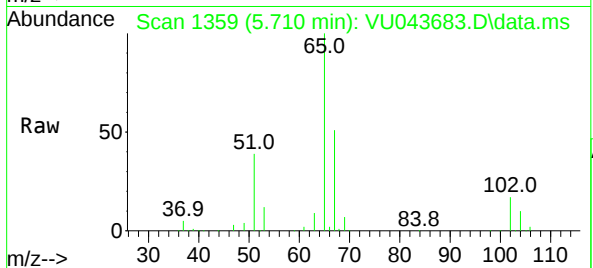
65 100

67 51.8 0.0 104.6

Instrument :

MSVOA_U

ClientSampleId :



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. 0.000 min

Lab File: VU043683.D

Acq: 12 May 2021 17:25

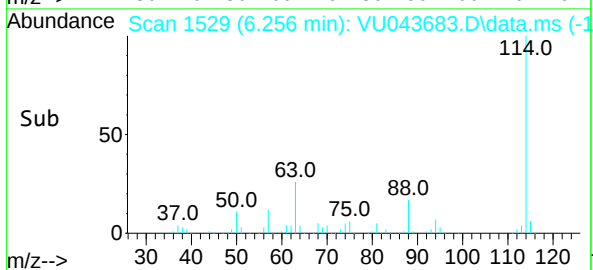
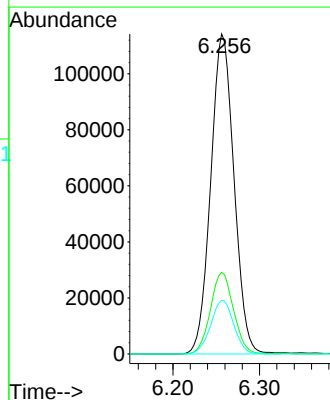
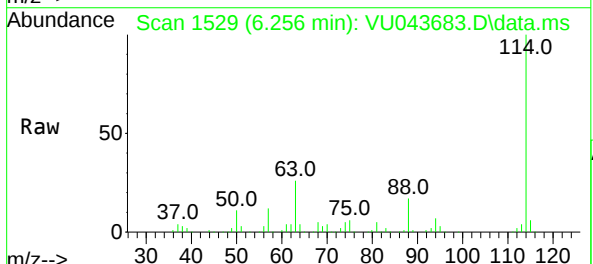
Tgt Ion: 114 Resp: 213108

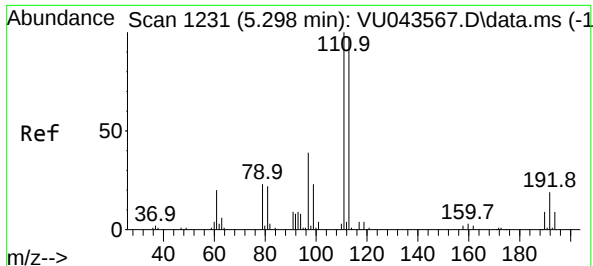
Ion Ratio Lower Upper

114 100

63 25.5 0.0 50.2

88 16.8 0.0 33.8





#35

Dibromofluoromethane

Concen: 48.50 ug/l

RT: 5.298 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VU043683.D

Acq: 12 May 2021 17:25

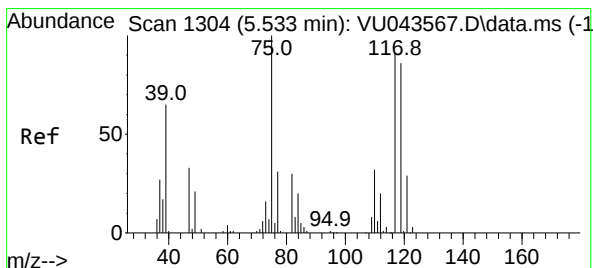
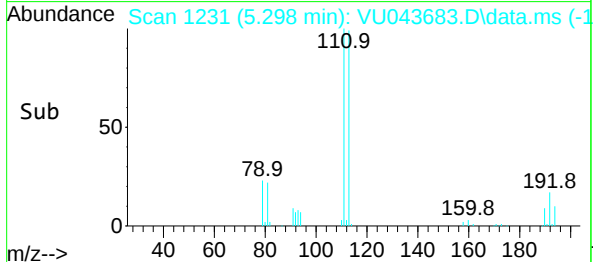
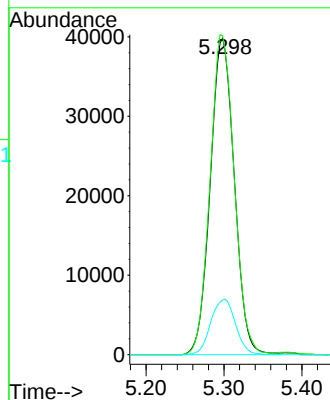
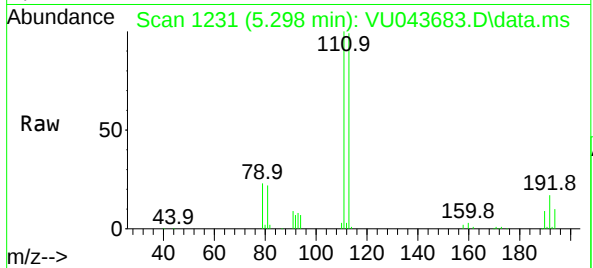
Tgt Ion:113 Resp: 85298

Ion Ratio Lower Upper

113 100

111 101.6 82.3 123.5

192 18.0 15.8 23.6



#36

1,1-Dichloropropene

Concen: 4.51 ug/l

RT: 5.382 min Scan# 1257

Delta R.T. -0.151 min

Lab File: VU043683.D

Acq: 12 May 2021 17:25

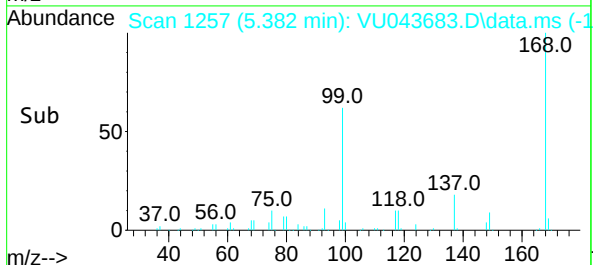
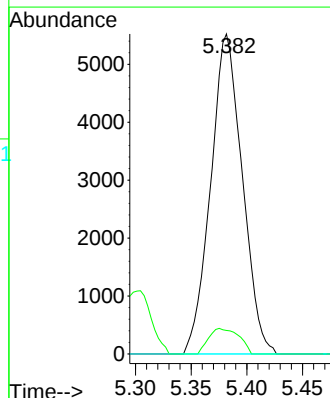
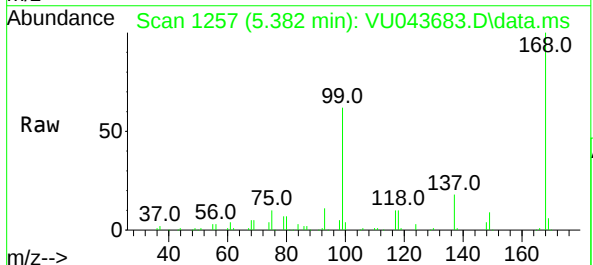
Tgt Ion: 75 Resp: 10910

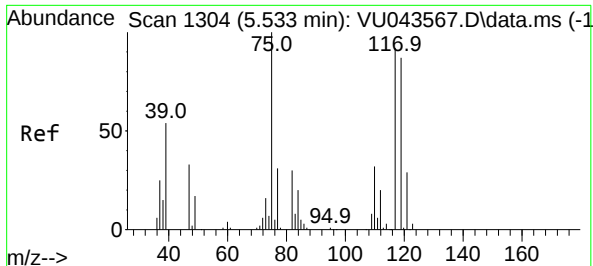
Ion Ratio Lower Upper

75 100

110 7.6 16.2 48.5#

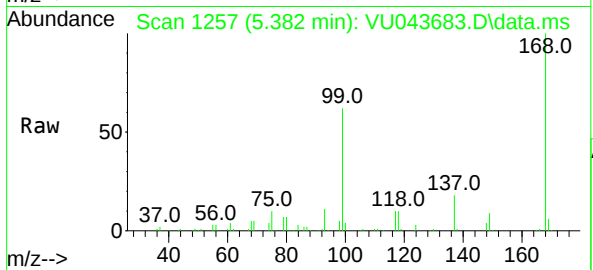
77 0.0 24.4 36.6#



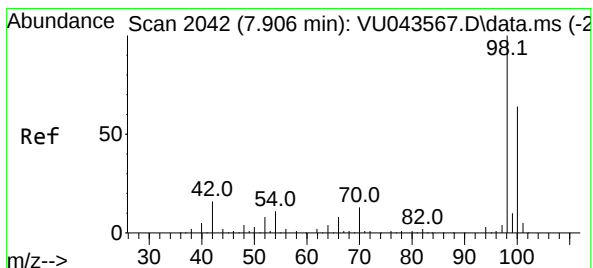
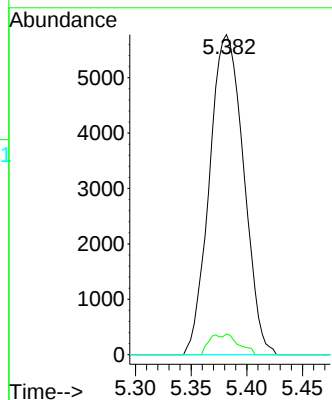
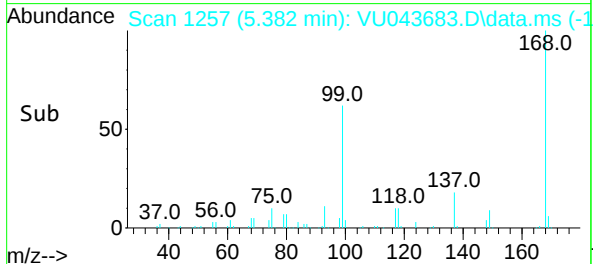


#38
Carbon Tetrachloride
Concen: 5.03 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043683.D
Acq: 12 May 2021 17:25

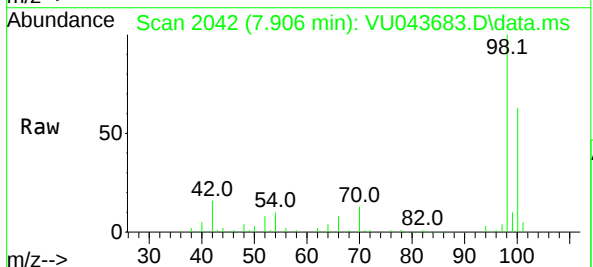
Instrument :
MSVOA_U
ClientSampled :



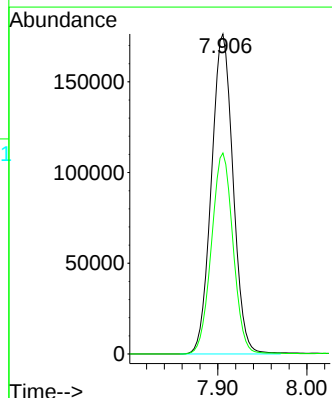
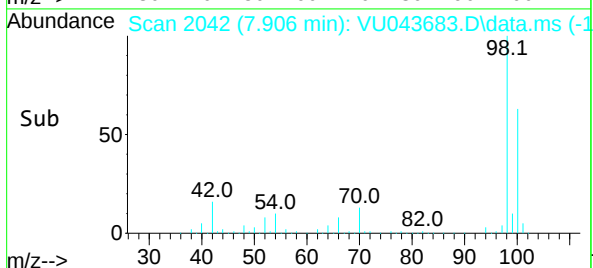
Tgt Ion:117 Resp: 12332
Ion Ratio Lower Upper
117 100
119 6.5 75.4 113.0#
121 0.0 25.2 37.8#

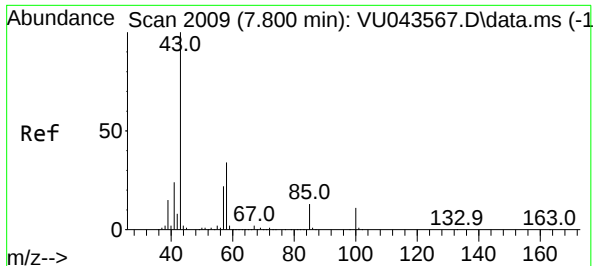


#50
Toluene-d8
Concen: 50.24 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043683.D
Acq: 12 May 2021 17:25



Tgt Ion: 98 Resp: 297350
Ion Ratio Lower Upper
98 100
100 62.8 50.5 75.7

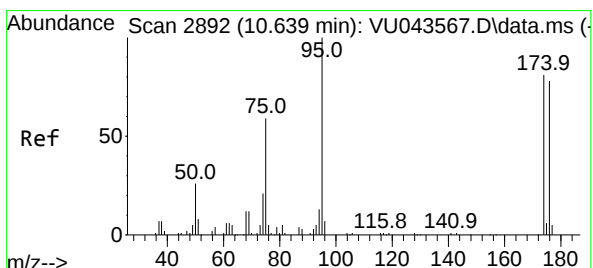
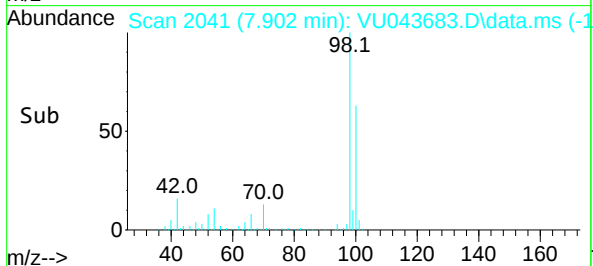
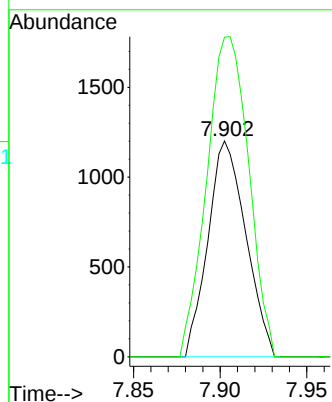
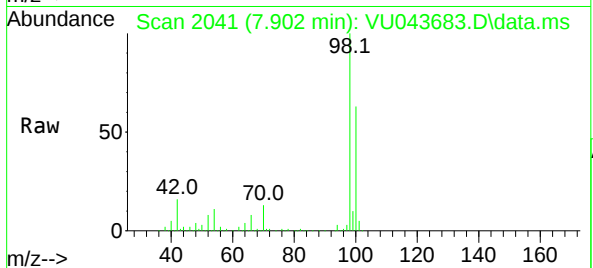




#51
4-Methyl-2-Pentanone
Concen: 19.53 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.102 min
Lab File: VU043683.D
Acq: 12 May 2021 17:25

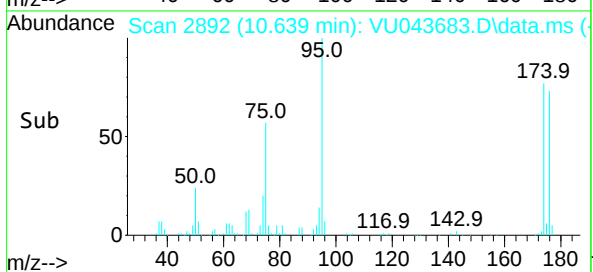
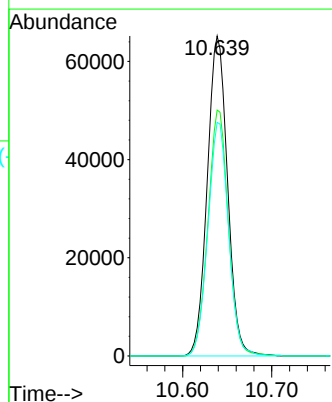
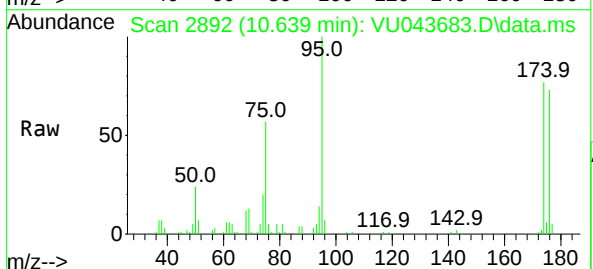
Instrument :
MSVOA_U
ClientSampled :

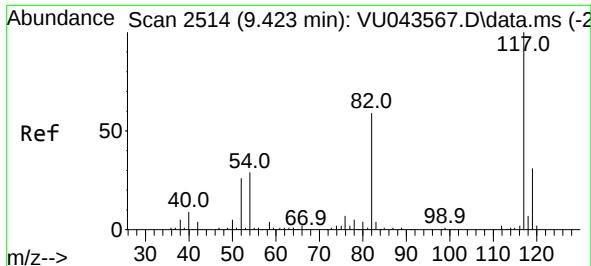
Tgt Ion: 43 Resp: 1826
Ion Ratio Lower Upper
43 100
58 164.5 27.2 40.8#



#62
4-Bromofluorobenzene
Concen: 44.65 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043683.D
Acq: 12 May 2021 17:25

Tgt Ion: 95 Resp: 102961
Ion Ratio Lower Upper
95 100
174 77.4 0.0 158.8
176 74.2 0.0 155.6

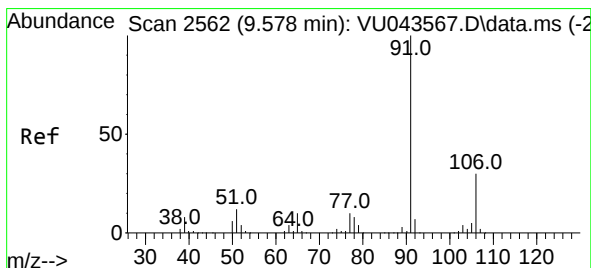
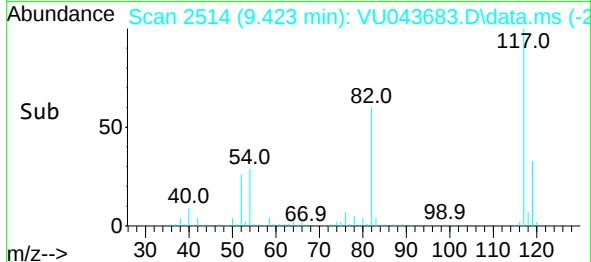
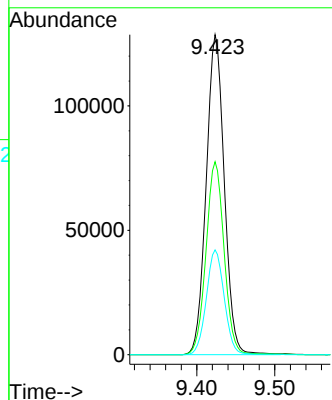
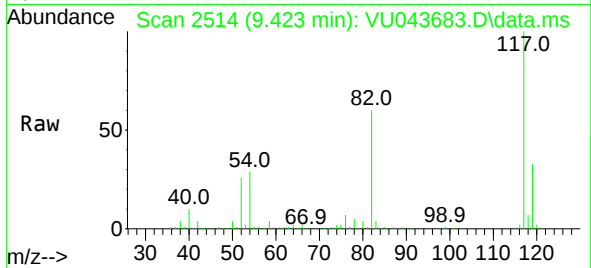




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043683.D
Acq: 12 May 2021 17:25

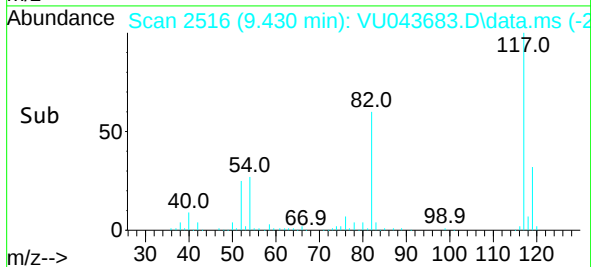
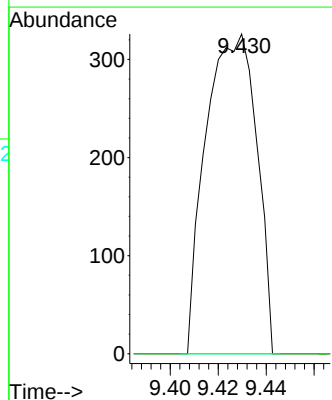
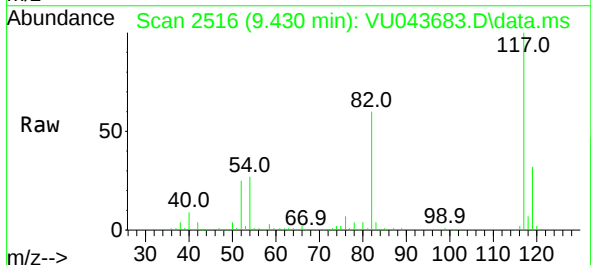
Instrument :
MSVOA_U
ClientSampled :

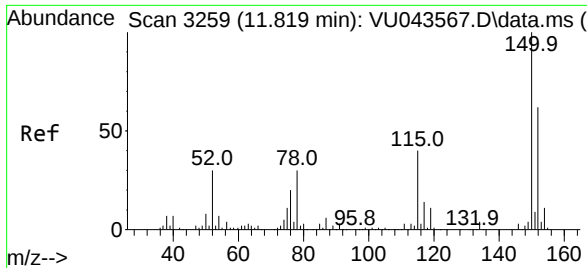
Tgt Ion:117 Resp: 207553
Ion Ratio Lower Upper
117 100
82 60.3 47.5 71.3
119 32.8 24.7 37.1



#67
Ethyl Benzene
Concen: 1.50 ug/l
RT: 9.430 min Scan# 2516
Delta R.T. -0.148 min
Lab File: VU043683.D
Acq: 12 May 2021 17:25

Tgt Ion: 91 Resp: 479
Ion Ratio Lower Upper
91 100
106 0.0 24.0 36.0#

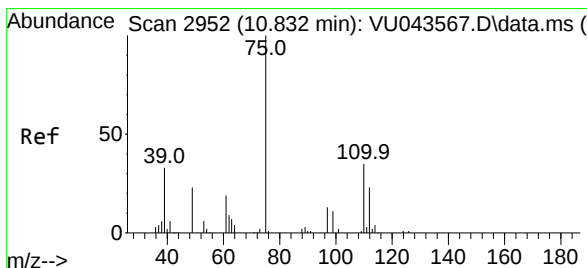
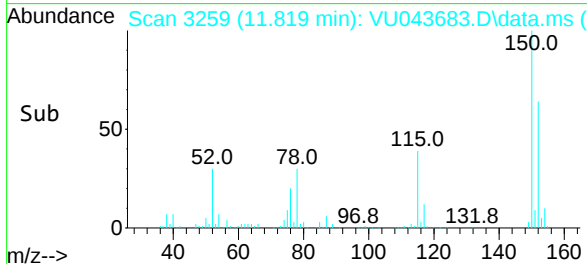
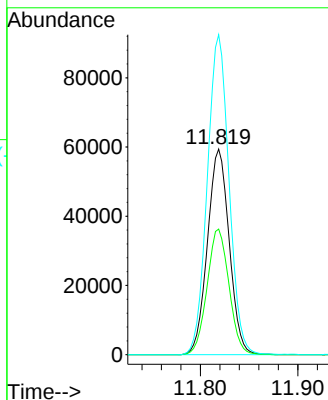
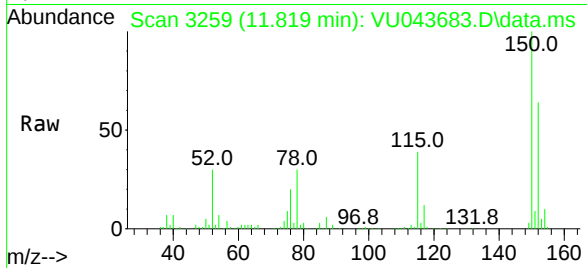




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043683.D
Acq: 12 May 2021 17:25

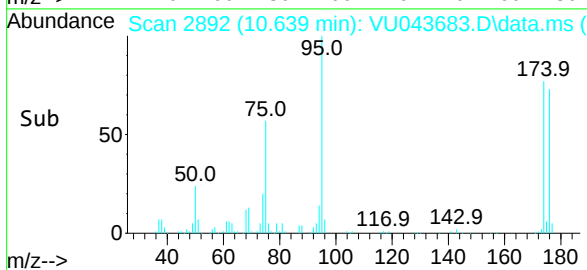
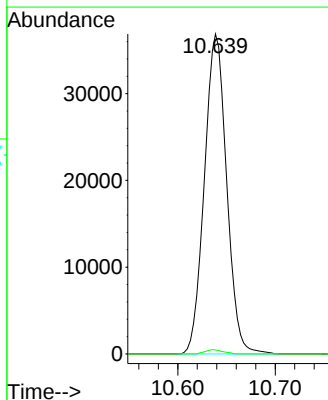
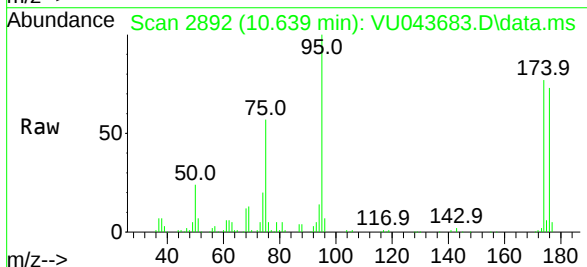
Instrument :
MSVOA_U
ClientSampled :

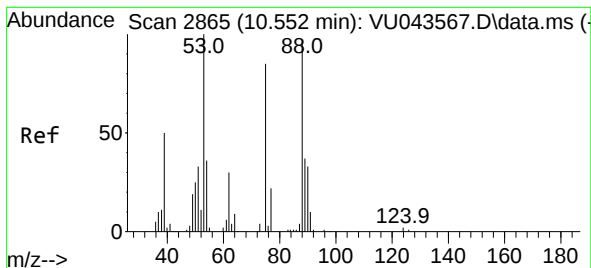
Tgt Ion:152 Resp: 92312
Ion Ratio Lower Upper
152 100
115 61.4 46.1 138.3
150 155.0 0.0 361.0



#76
1,2,3-Trichloropropane
Concen: 19.93 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU043683.D
Acq: 12 May 2021 17:25

Tgt Ion: 75 Resp: 58510
Ion Ratio Lower Upper
75 100
77 1.1 17.1 51.3#

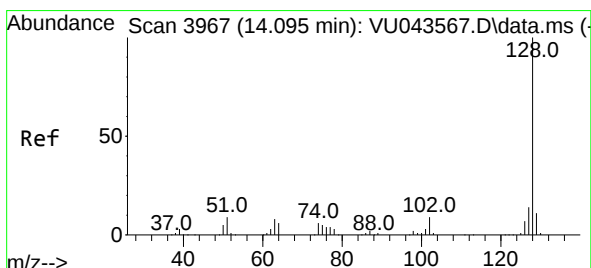
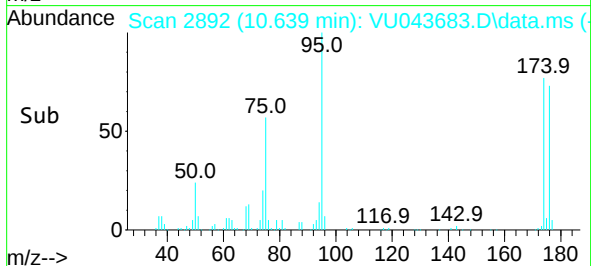
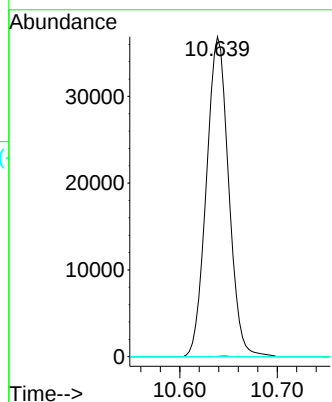
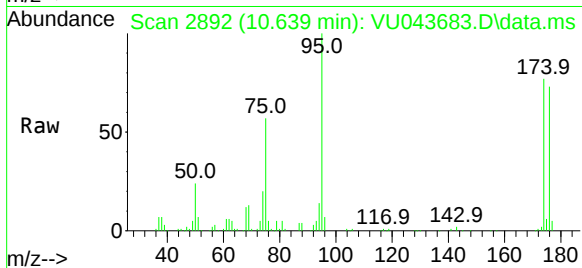




#81
trans-1,4-Dichloro-2-butene
Concen: 64.92 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU043683.D
Acq: 12 May 2021 17:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 58510
Ion Ratio Lower Upper
75 100
53 0.1 95.8 143.8#
89 0.0 36.1 54.1#



#95
Naphthalene
Concen: 1.54 ug/l
RT: 14.098 min Scan# 3968
Delta R.T. 0.003 min
Lab File: VU043683.D
Acq: 12 May 2021 17:25

Tgt Ion:128 Resp: 123
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 8.6 12.8#

