

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
 Data File : VU044973.D
 Acq On : 29 Sep 2021 04:29
 Operator : SY/MD
 Sample : M3952-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TRIP-BLANK

Quant Time: Sep 29 05:51:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

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

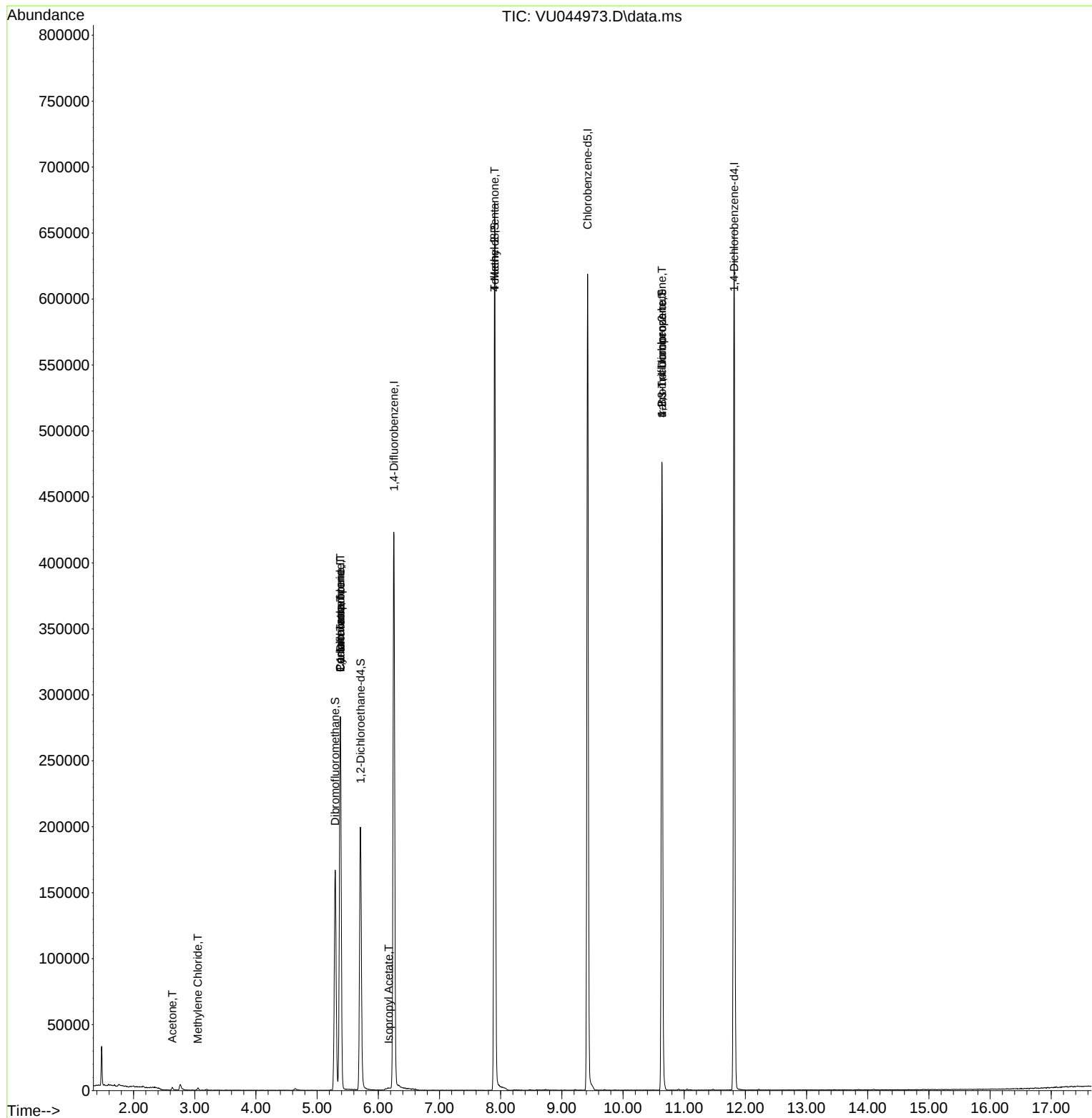
Internal Standards						
1) Pentafluorobenzene	5.378	168	187588	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	330557	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	326240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	162318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	156526	50.126	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.260%			
35) Dibromofluoromethane	5.295	113	108212	51.894	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.780%			
50) Toluene-d8	7.902	98	430765	52.282	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.560%			
62) 4-Bromofluorobenzene	10.635	95	161491	47.475	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.960%			
Target Compounds						
					Qvalue	
16) Acetone	2.633	43	2336	1.260	ug/l	100
20) Methylene Chloride	3.051	84	701	0.251	ug/l	93
31) Cyclohexane	5.378	56	5138	1.083	ug/l #	1
36) 1,1-Dichloropropene	5.378	75	17618	5.097	ug/l #	49
38) Carbon Tetrachloride	5.378	117	19414	6.490	ug/l #	16
43) Isopropyl Acetate	6.169	43	2388	0.347	ug/l #	61
51) 4-Methyl-2-Pentanone	7.902	43	2019	0.403	ug/l #	1
76) 1,2,3-Trichloropropane	10.635	75	88503	18.693	ug/l #	41
81) trans-1,4-Dichloro-2-b...	10.635	75	88503	51.877	ug/l #	9

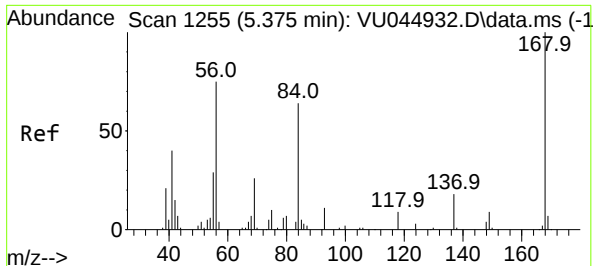
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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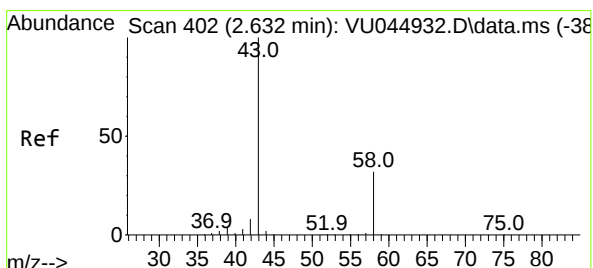
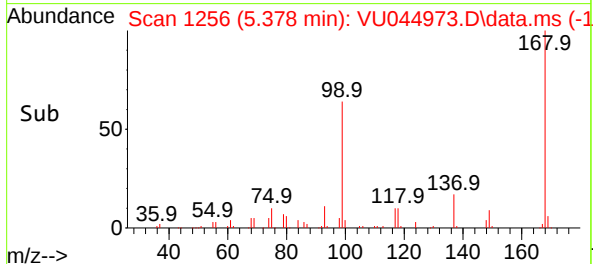
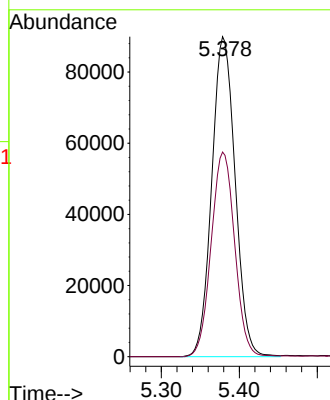
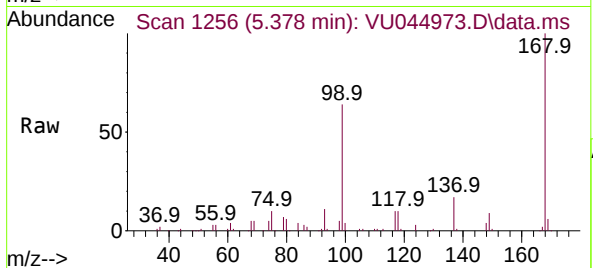




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU044973.D
Acq: 29 Sep 2021 04:29

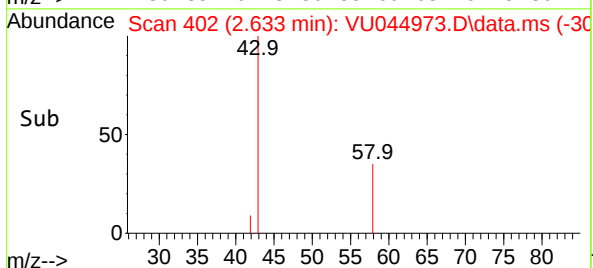
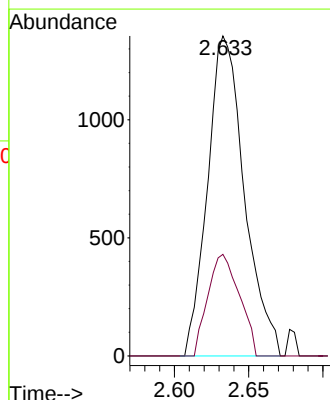
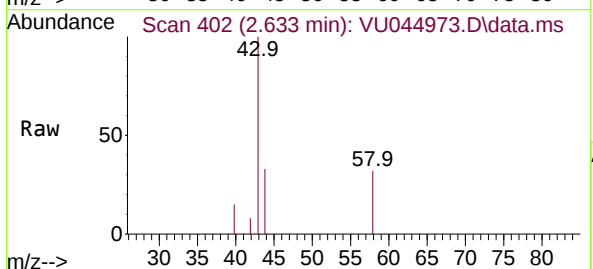
Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

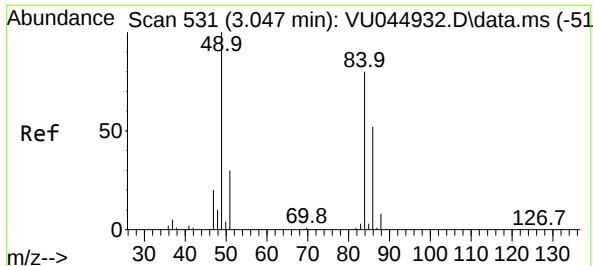
Tgt Ion:168 Resp: 187588
Ion Ratio Lower Upper
168 100
99 64.0 51.4 77.0



#16
Acetone
Concen: 1.260 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.001 min
Lab File: VU044973.D
Acq: 29 Sep 2021 04:29

Tgt Ion: 43 Resp: 2336
Ion Ratio Lower Upper
43 100
58 31.7 25.2 37.8

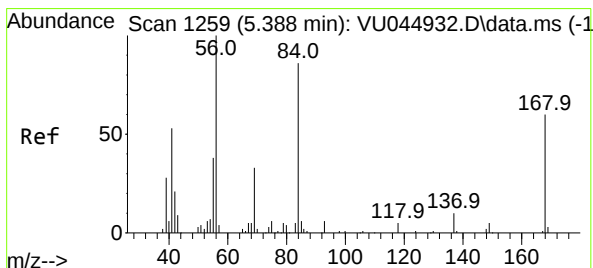
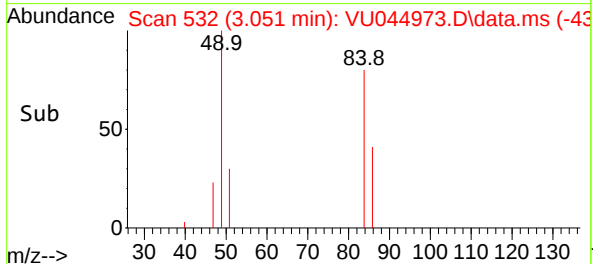
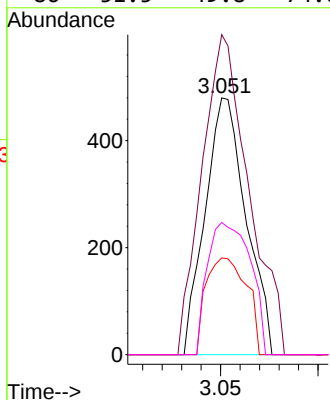
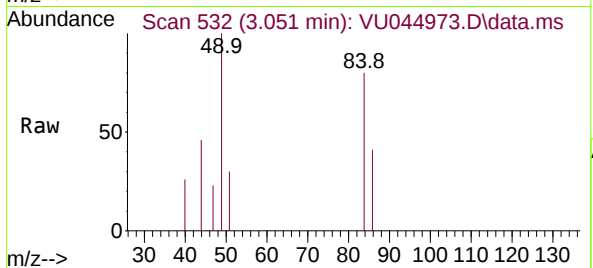




#20
Methylene Chloride
Concen: 0.251 ug/l
RT: 3.051 min Scan# 51
Delta R.T. 0.004 min
Lab File: VU044973.D
Acq: 29 Sep 2021 04:29

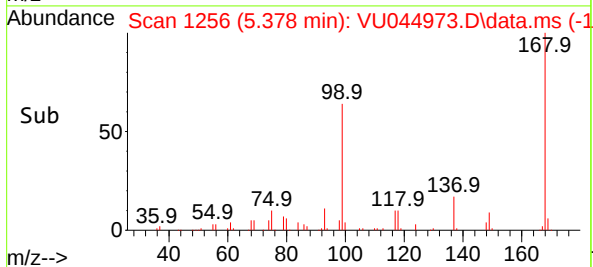
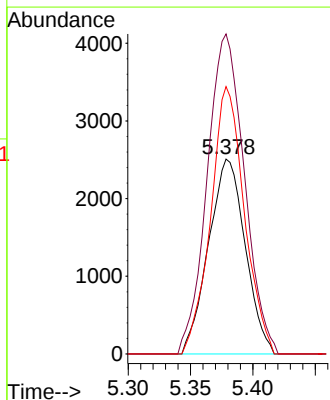
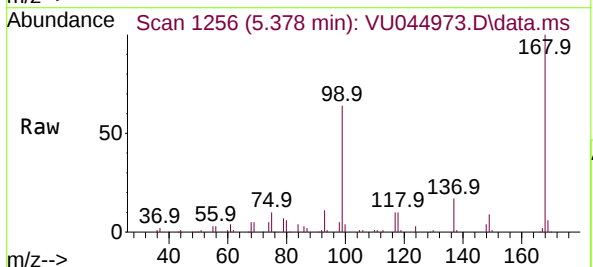
Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

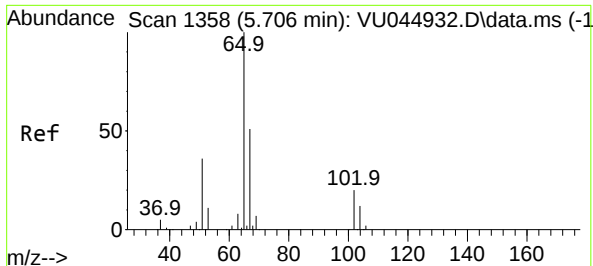
Tgt Ion:	84	Resp:	701
Ion	Ratio	Lower	Upper
84	100		
49	124.6	104.9	157.3
51	37.7	31.8	47.8
86	51.5	49.8	74.6



#31
Cyclohexane
Concen: 1.083 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.010 min
Lab File: VU044973.D
Acq: 29 Sep 2021 04:29

Tgt Ion:	56	Resp:	5138
Ion	Ratio	Lower	Upper
56	100		
69	164.2	25.2	37.8#
84	137.2	66.4	99.6#





#33

1,2-Dichloroethane-d4

Concen: 50.126 ug/l

RT: 5.710 min Scan# 1

Delta R.T. 0.004 min

Lab File: VU044973.D

Acq: 29 Sep 2021 04:29

Instrument :

MSVOA_U

ClientSampleId :

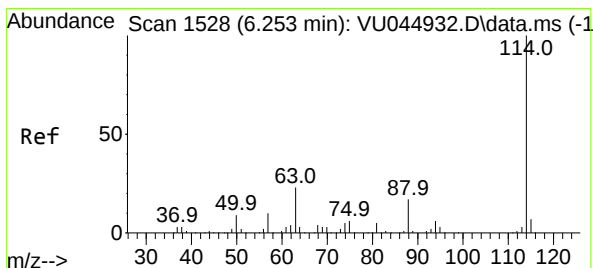
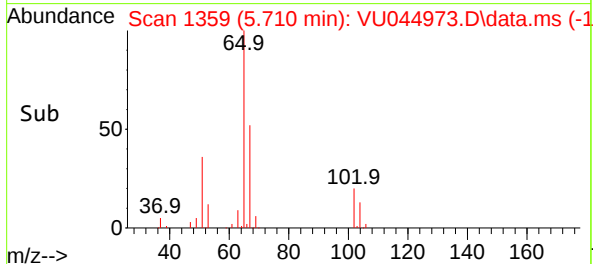
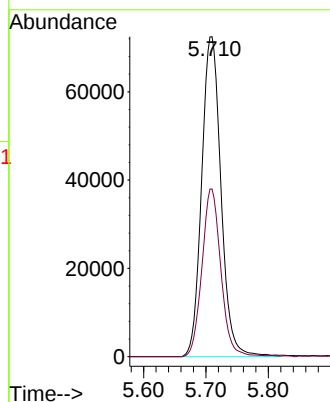
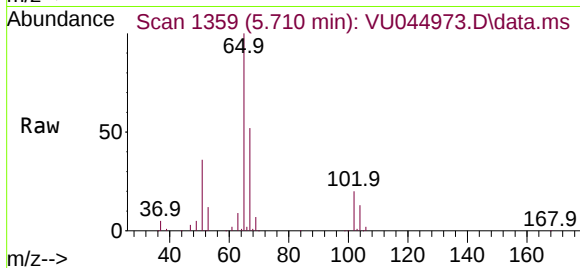
TRIP-BLANK

Tgt Ion: 65 Resp: 156526

Ion Ratio Lower Upper

65 100

67 51.1 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. 0.003 min

Lab File: VU044973.D

Acq: 29 Sep 2021 04:29

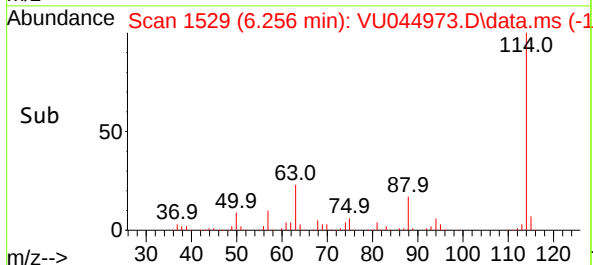
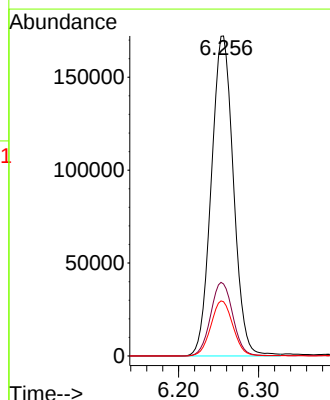
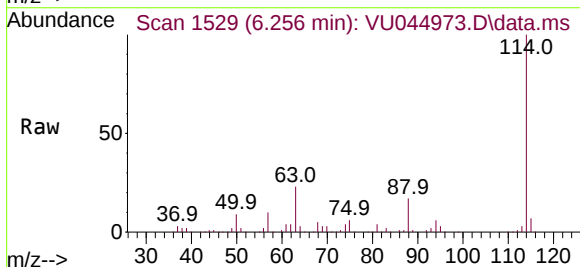
Tgt Ion: 114 Resp: 330557

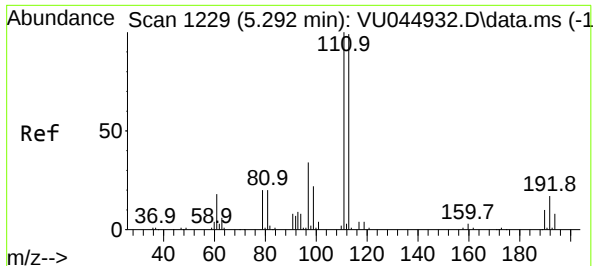
Ion Ratio Lower Upper

114 100

63 22.5 0.0 47.8

88 16.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.894 ug/l

RT: 5.295 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU044973.D

Acq: 29 Sep 2021 04:29

Instrument :

MSVOA_U

ClientSampleId :

TRIP-BLANK

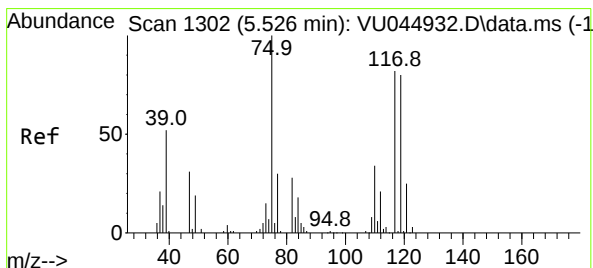
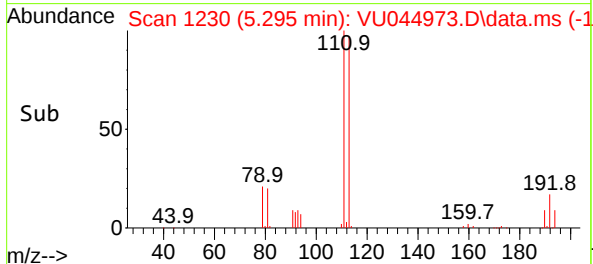
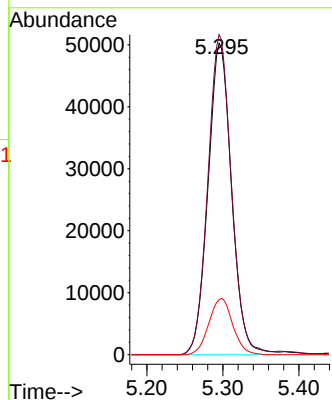
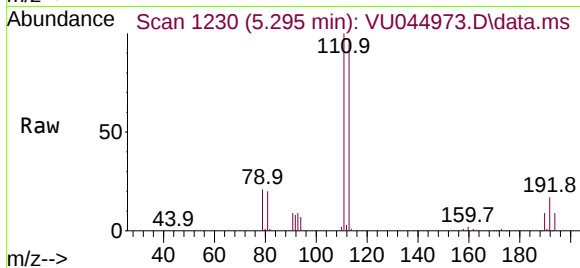
Tgt Ion:113 Resp: 108212

Ion Ratio Lower Upper

113 100

111 102.6 84.1 126.1

192 18.3 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.097 ug/l

RT: 5.378 min Scan# 1256

Delta R.T. -0.148 min

Lab File: VU044973.D

Acq: 29 Sep 2021 04:29

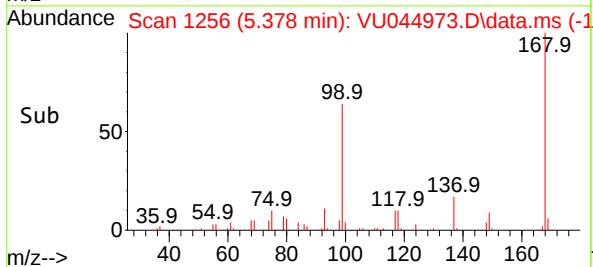
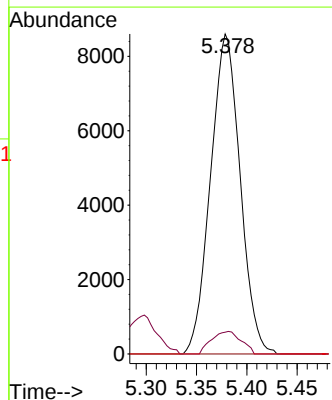
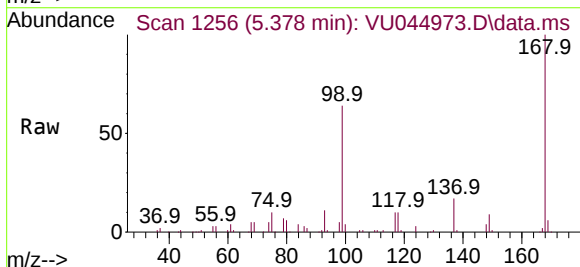
Tgt Ion: 75 Resp: 17618

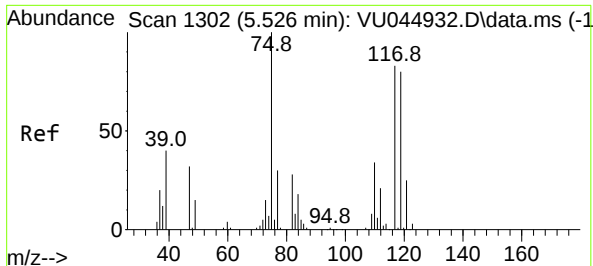
Ion Ratio Lower Upper

75 100

110 7.1 16.3 48.9#

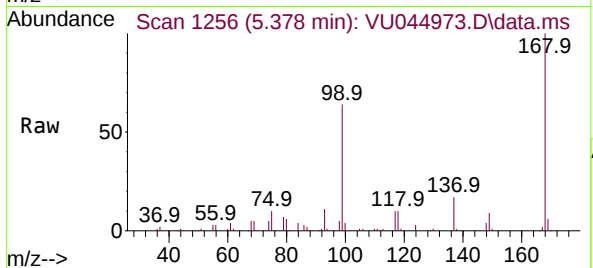
77 0.0 25.0 37.4#



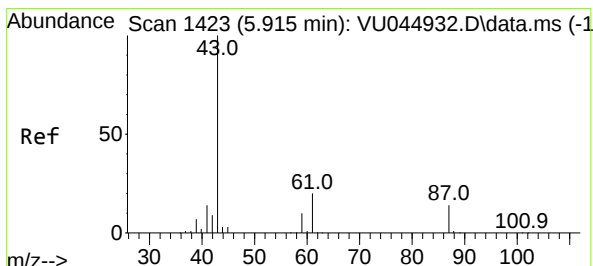
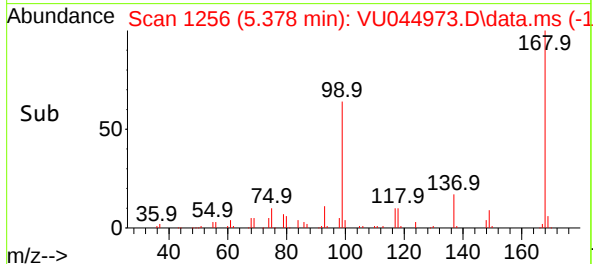
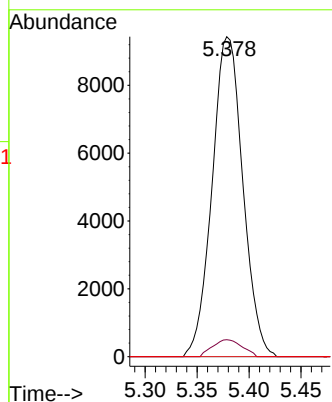


#38
Carbon Tetrachloride
Concen: 6.490 ug/l
RT: 5.378 min Scan# 11
Delta R.T. -0.148 min
Lab File: VU044973.D
Acq: 29 Sep 2021 04:29

Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

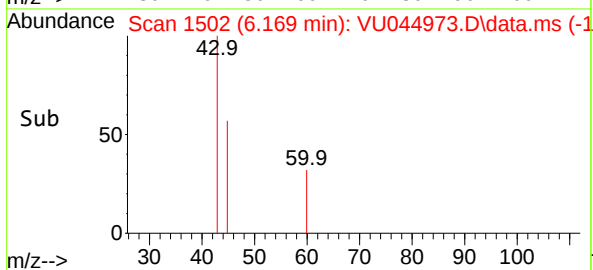
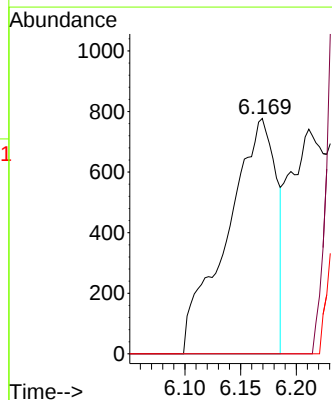
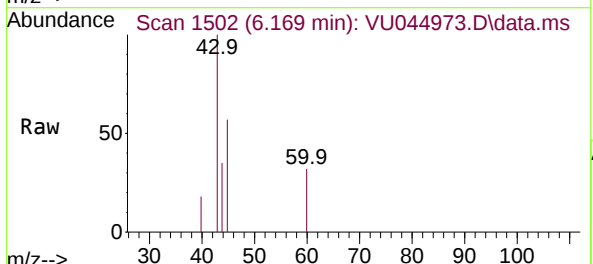


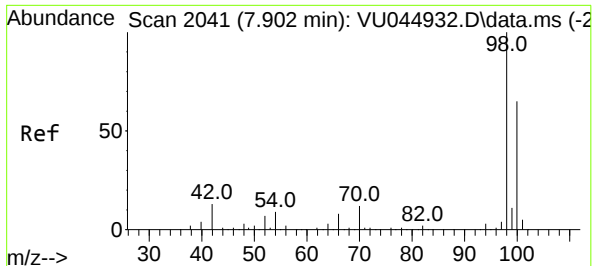
Tgt Ion:117 Resp: 19414
Ion Ratio Lower Upper
117 100
119 5.3 77.4 116.2#
121 0.0 24.5 36.7#



#43
Isopropyl Acetate
Concen: 0.347 ug/l
RT: 6.169 min Scan# 1502
Delta R.T. 0.254 min
Lab File: VU044973.D
Acq: 29 Sep 2021 04:29

Tgt Ion: 43 Resp: 2388
Ion Ratio Lower Upper
43 100
61 0.0 16.1 24.1#
87 0.0 10.3 15.5#

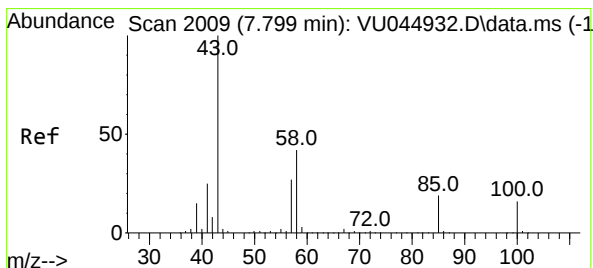
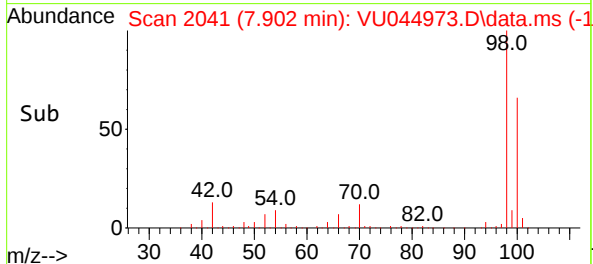
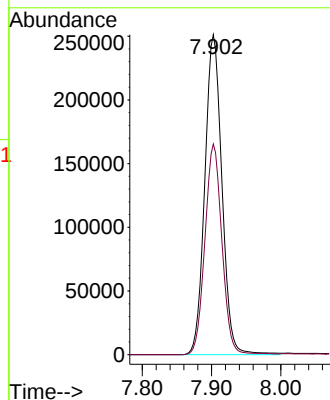
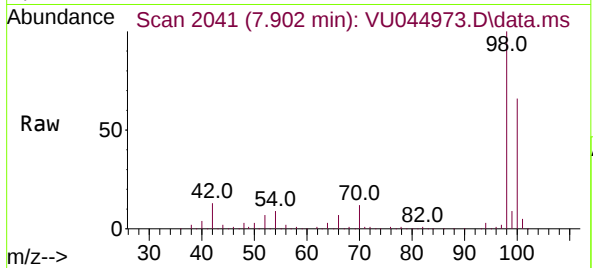




#50
Toluene-d8
Concen: 52.282 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU044973.D
Acq: 29 Sep 2021 04:29

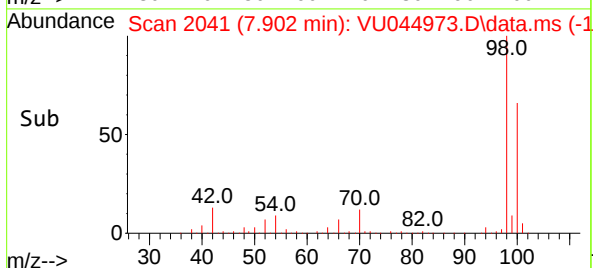
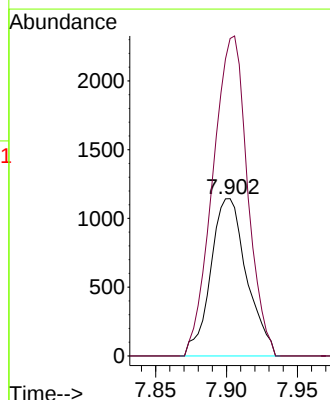
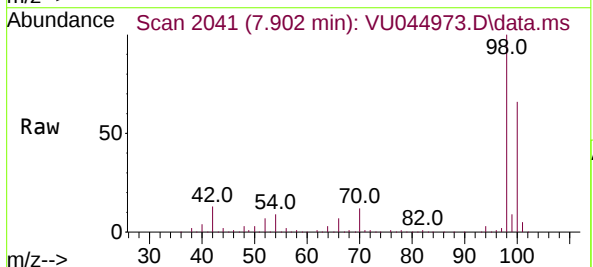
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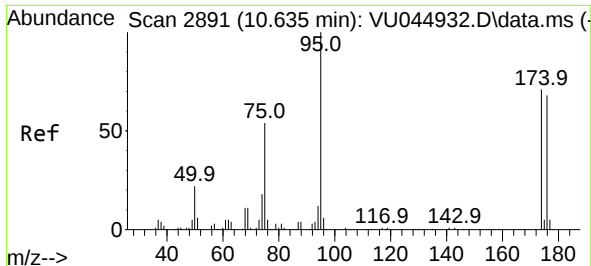
Tgt Ion: 98 Resp: 430765
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.403 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.103 min
Lab File: VU044973.D
Acq: 29 Sep 2021 04:29

Tgt Ion: 43 Resp: 2019
Ion Ratio Lower Upper
43 100
58 196.6 32.4 48.6#

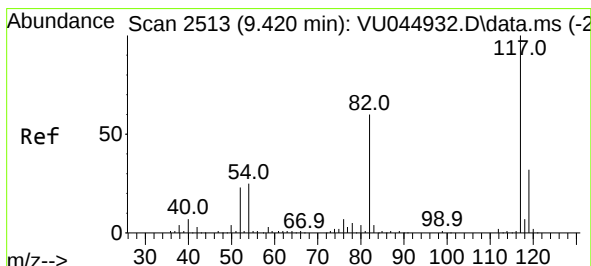
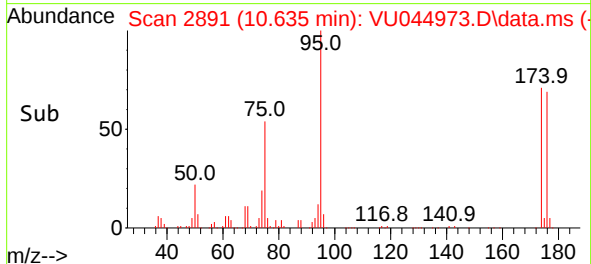
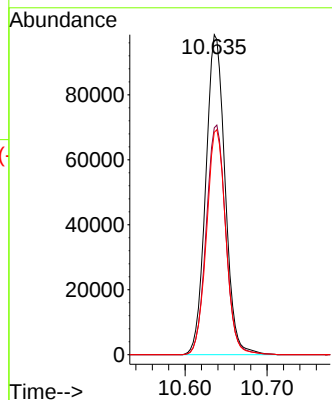
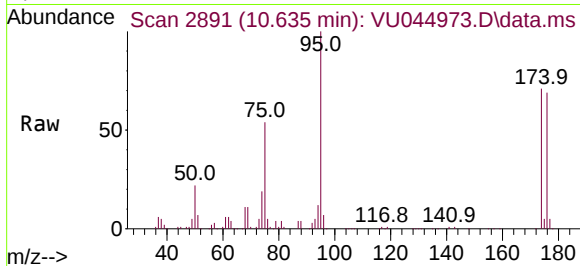




#62
4-Bromofluorobenzene
Concen: 47.475 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU044973.D
Acq: 29 Sep 2021 04:29

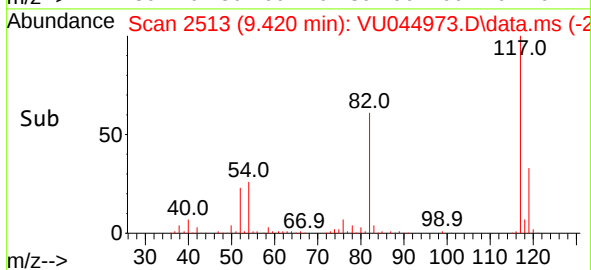
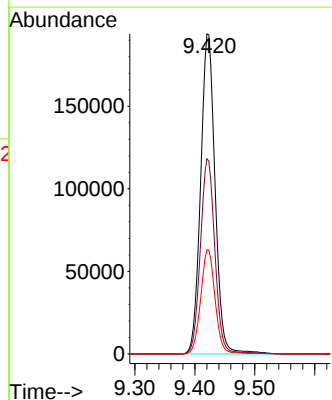
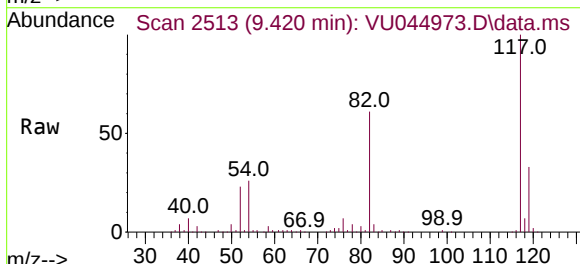
Instrument :
MSVOA_U
ClientSampleId :
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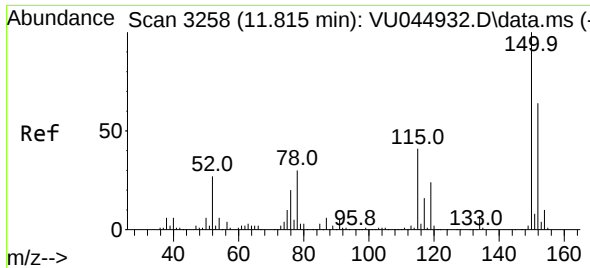
Tgt Ion: 95 Resp: 161491
Ion Ratio Lower Upper
95 100
174 72.4 0.0 146.6
176 70.2 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU044973.D
Acq: 29 Sep 2021 04:29

Tgt Ion: 117 Resp: 326240
Ion Ratio Lower Upper
117 100
82 61.0 47.8 71.8
119 32.5 25.8 38.6

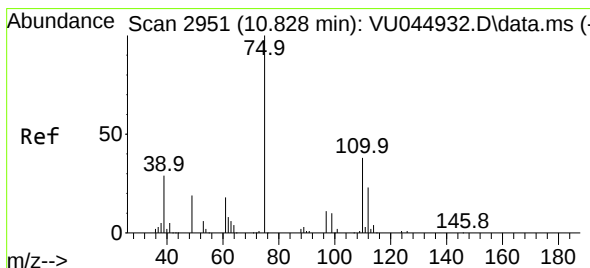
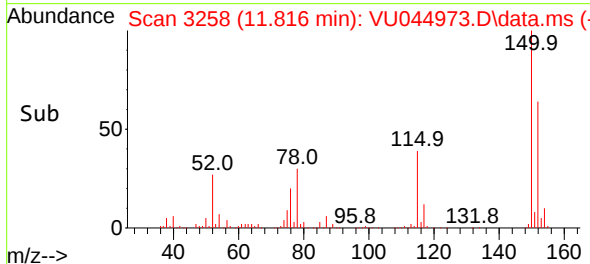
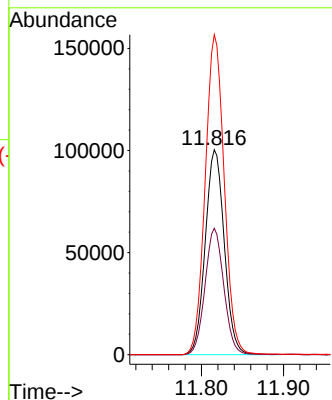
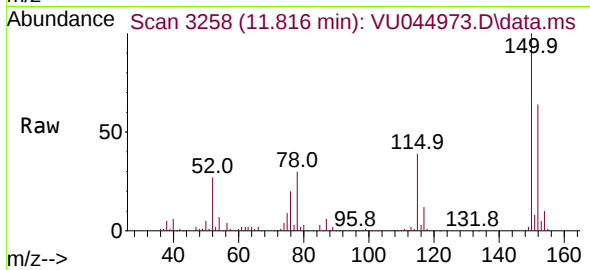




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.816 min Scan# 31
 Delta R.T. 0.001 min
 Lab File: VU044973.D
 Acq: 29 Sep 2021 04:29

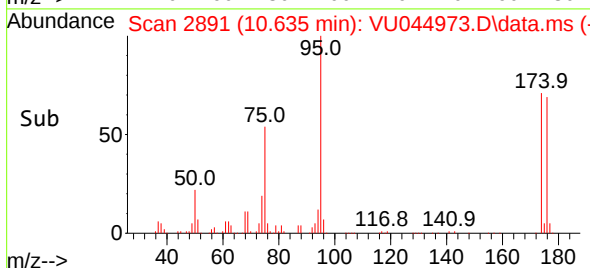
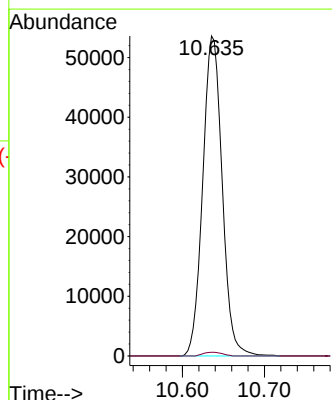
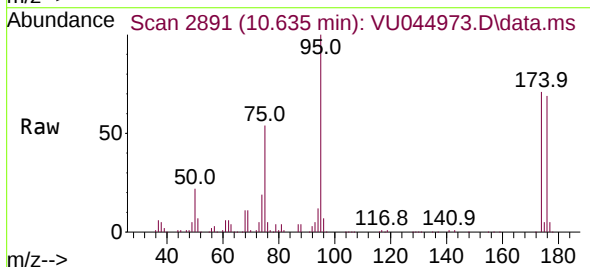
Instrument :
 MSVOA_U
 ClientSampleId :
 TRIP-BLANK

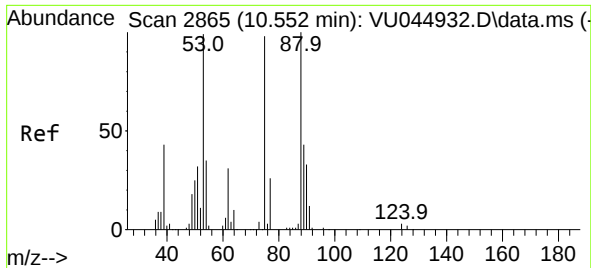
Tgt Ion:152 Resp: 162318
 Ion Ratio Lower Upper
 152 100
 115 60.8 43.5 130.7
 150 155.9 0.0 350.0



#76
 1,2,3-Trichloropropane
 Concen: 18.693 ug/l
 RT: 10.635 min Scan# 2891
 Delta R.T. -0.193 min
 Lab File: VU044973.D
 Acq: 29 Sep 2021 04:29

Tgt Ion: 75 Resp: 88503
 Ion Ratio Lower Upper
 75 100
 77 1.1 17.9 53.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.877 ug/l
 RT: 10.635 min Scan# 21
 Delta R.T. 0.083 min
 Lab File: VU044973.D
 Acq: 29 Sep 2021 04:29

Instrument :
 MSVOA_U
 ClientSampleId :
 TRIP-BLANK

Tgt Ion: 75 Resp: 88503
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.0 123.0#
 89 0.0 34.2 51.4#

