

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022021\
 Data File : VU042369.D
 Acq On : 19 Feb 2021 18:13
 Operator : SY/MD
 Sample : M1453-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Feb 20 00:30:28 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U021721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 19 02:55:52 2021
 Response via : Initial Calibration

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

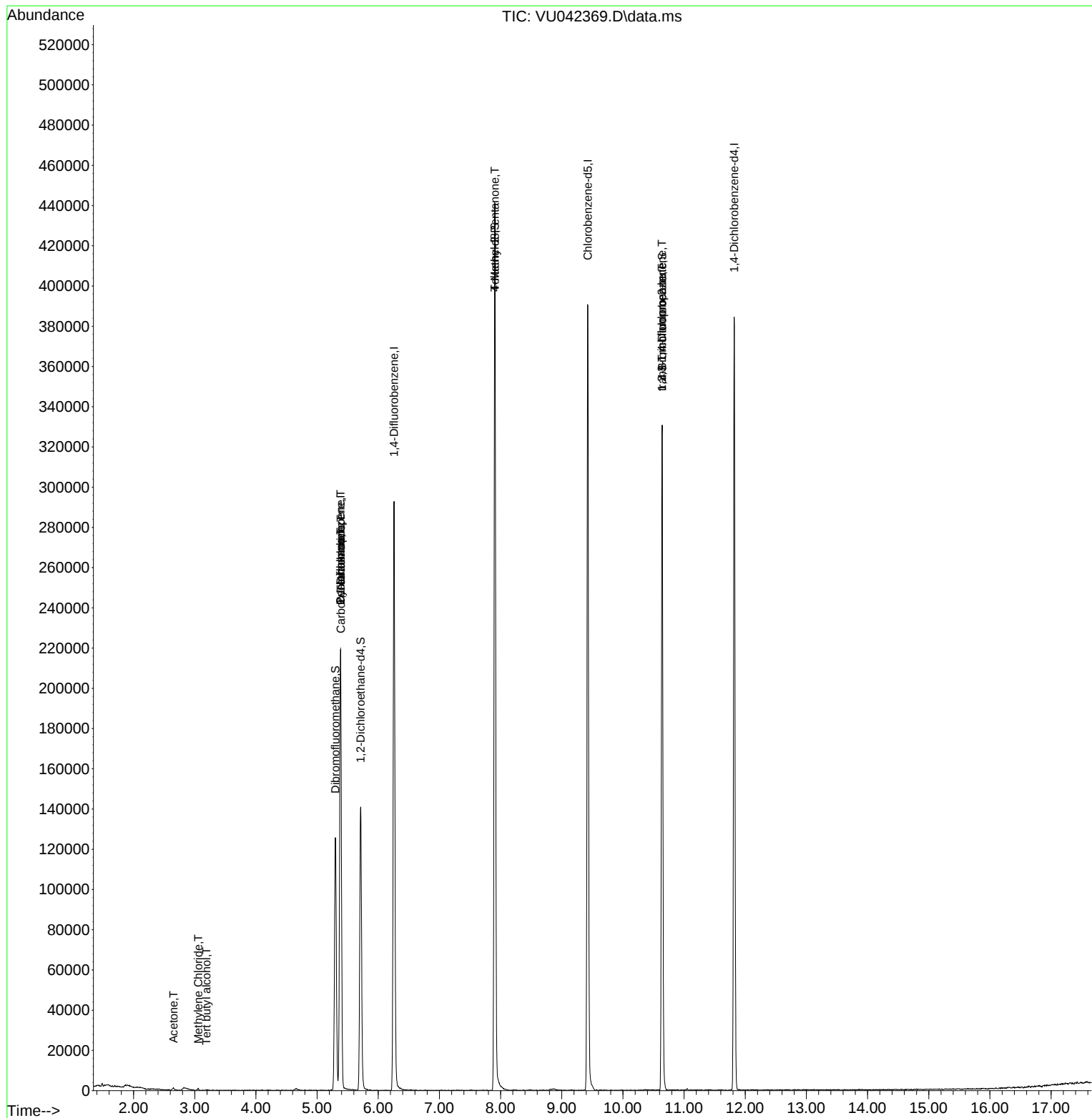
Internal Standards						
1) Pentafluorobenzene	5.385	168	153921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.259	114	228260	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.426	117	208131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	98563	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	111352	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	
35) Dibromofluoromethane	5.301	113	78194	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	
50) Toluene-d8	7.906	98	282230	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
62) 4-Bromofluorobenzene	10.642	95	102382	45.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.04%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	3.189	59	100	0.20	ug/l #	94
16) Acetone	2.652	43	1644	1.14	ug/l	93
20) Methylene Chloride	3.057	84	375	0.22	ug/l #	61
31) Cyclohexane	5.385	56	3662	1.20	ug/l #	31
36) 1,1-Dichloropropene	5.385	75	12254	5.43	ug/l #	52
38) Carbon Tetrachloride	5.388	117	15301	6.34	ug/l #	16
51) 4-Methyl-2-Pentanone	7.906	43	1483	0.42	ug/l #	1
76) 1,2,3-Trichloropropane	10.639	75	56872	23.34	ug/l #	36
81) trans-1,4-Dichloro-2-b...	10.639	75	56872	63.45	ug/l #	7

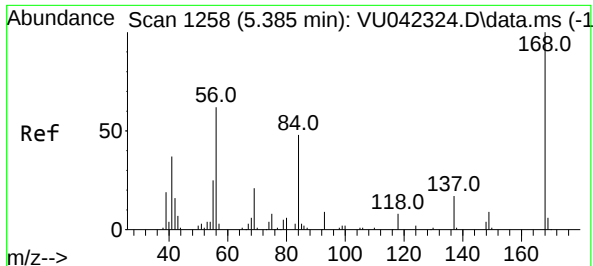
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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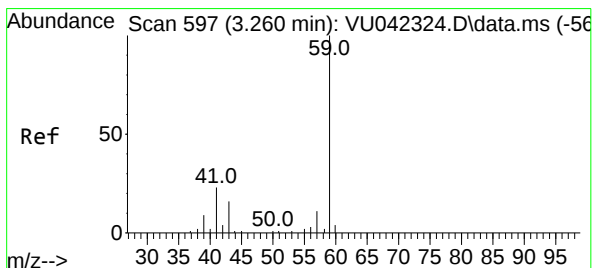
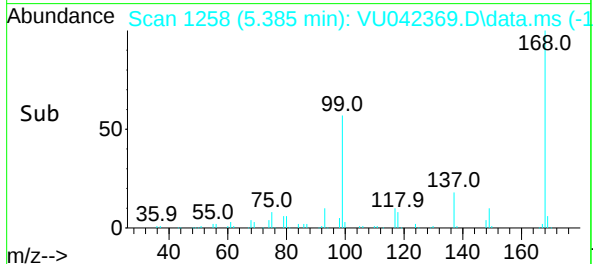
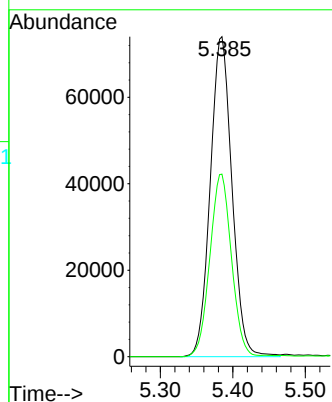
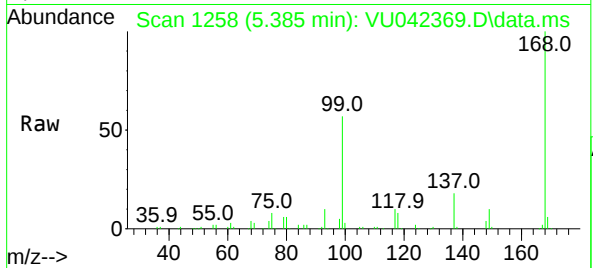




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VU042369.D
Acq: 19 Feb 2021 18:13

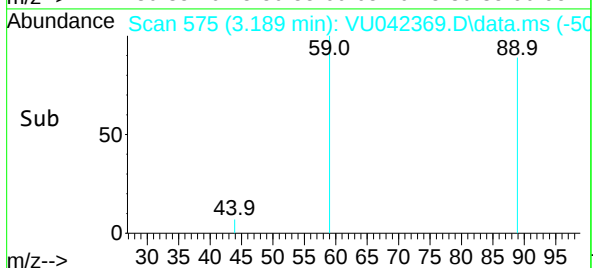
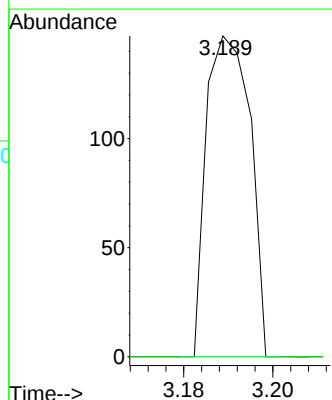
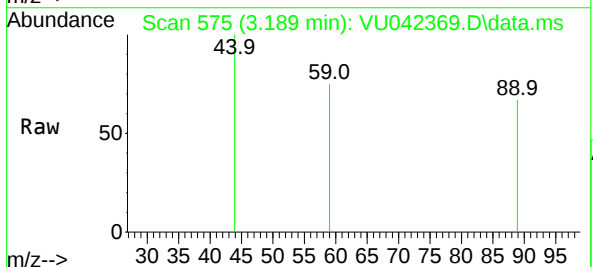
Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

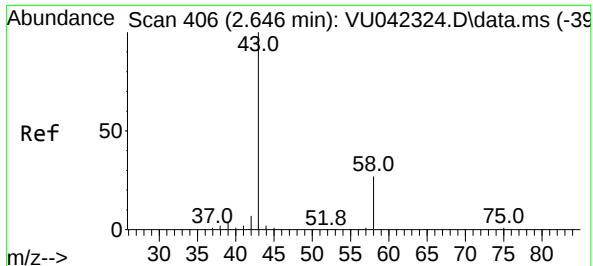
Tgt Ion:168 Resp: 153921
Ion Ratio Lower Upper
168 100
99 57.0 45.0 67.4



#11
Tert butyl alcohol
Concen: 0.20 ug/l
RT: 3.189 min Scan# 575
Delta R.T. -0.071 min
Lab File: VU042369.D
Acq: 19 Feb 2021 18:13

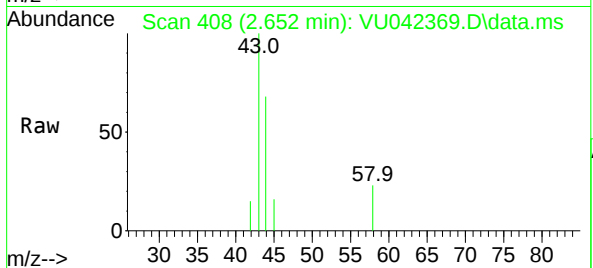
Tgt Ion: 59 Resp: 100
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#



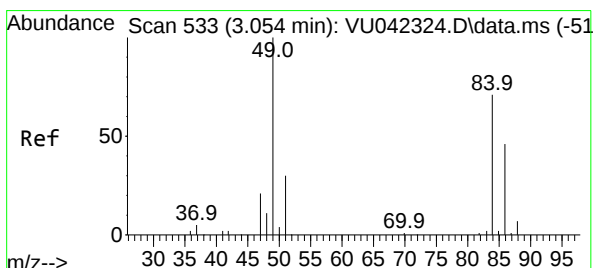
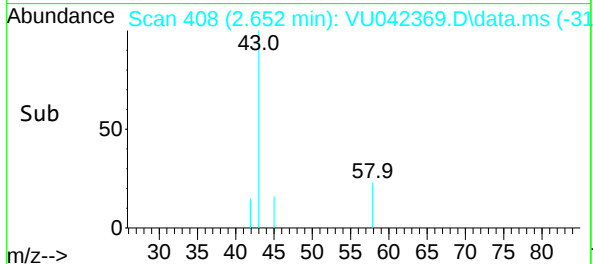
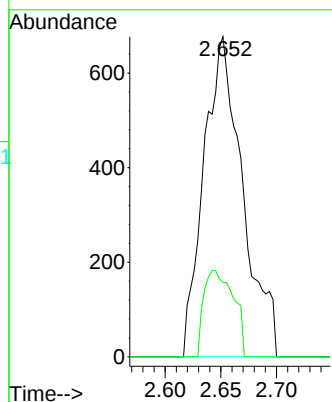


#16
Acetone
Concen: 1.14 ug/l
RT: 2.652 min Scan# 408
Delta R.T. 0.006 min
Lab File: VU042369.D
Acq: 19 Feb 2021 18:13

Instrument :
MSVOA_U
ClientSampleId :
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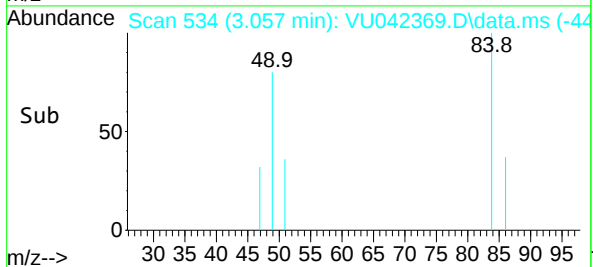
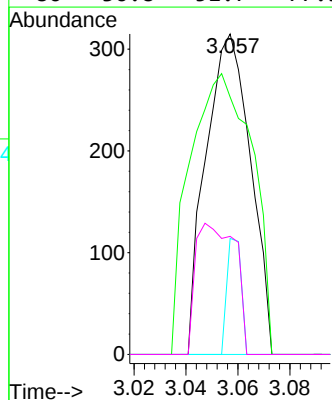
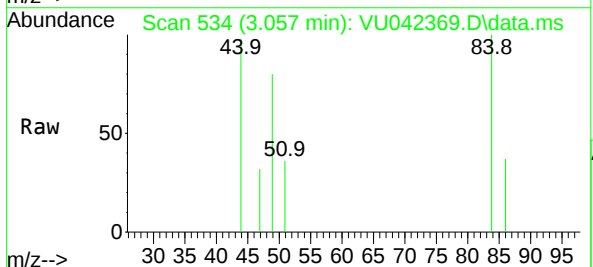


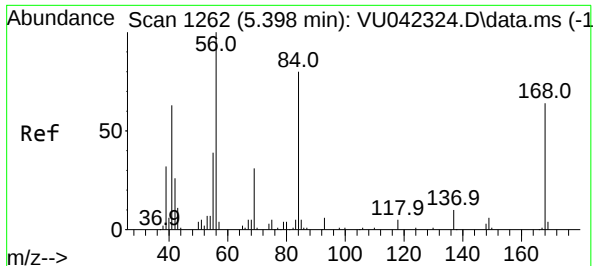
Tgt Ion: 43 Resp: 1644
Ion Ratio Lower Upper
43 100
58 23.2 21.5 32.3



#20
Methylene Chloride
Concen: 0.22 ug/l
RT: 3.057 min Scan# 534
Delta R.T. 0.003 min
Lab File: VU042369.D
Acq: 19 Feb 2021 18:13

Tgt Ion: 84 Resp: 375
Ion Ratio Lower Upper
84 100
49 80.3 112.6 169.0#
51 36.2 33.7 50.5
86 36.8 51.7 77.5#

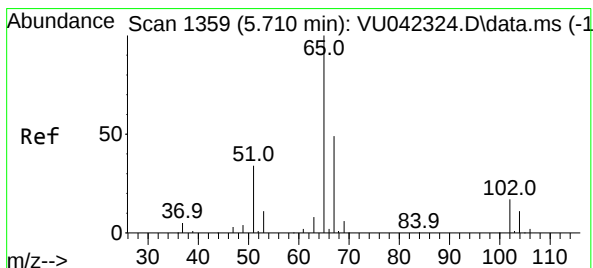
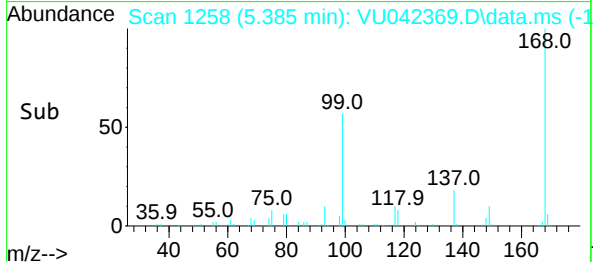
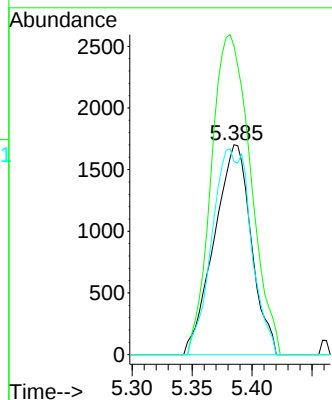
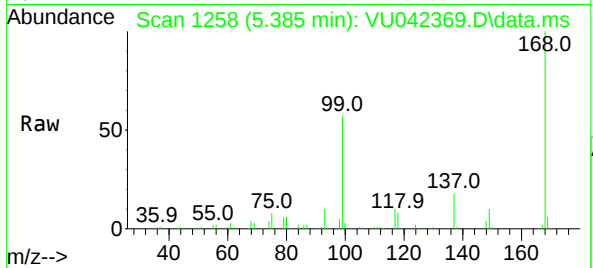




#31
Cyclohexane
Concen: 1.20 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.013 min
Lab File: VU042369.D
Acq: 19 Feb 2021 18:13

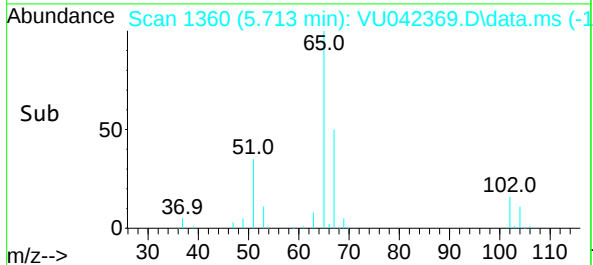
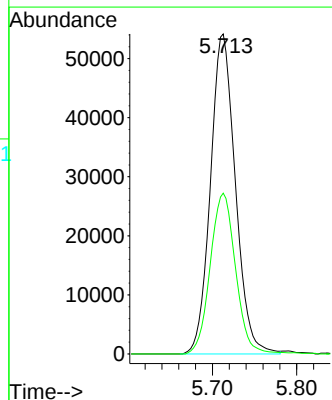
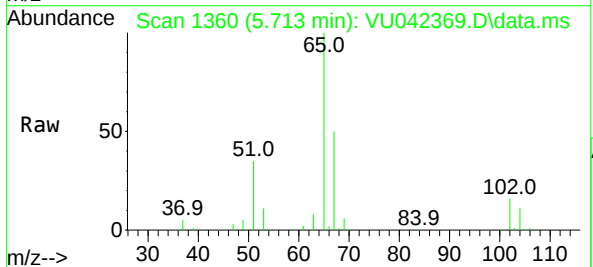
Instrument :
MSVOA_U
ClientSampleId :
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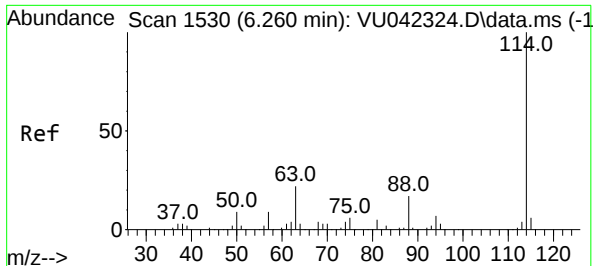
Tgt Ion: 56 Resp: 3662
Ion Ratio Lower Upper
56 100
69 147.3 24.9 37.3#
84 92.0 63.7 95.5



#33
1,2-Dichloroethane-d4
Concen: 47.70 ug/l
RT: 5.713 min Scan# 1360
Delta R.T. 0.003 min
Lab File: VU042369.D
Acq: 19 Feb 2021 18:13

Tgt Ion: 65 Resp: 111352
Ion Ratio Lower Upper
65 100
67 51.0 0.0 99.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.259 min Scan# 1530

Delta R.T. -0.000 min

Lab File: VU042369.D

Acq: 19 Feb 2021 18:13

Tgt Ion:114 Resp: 228260

Ion Ratio Lower Upper

114 100

63 22.4 0.0 44.2

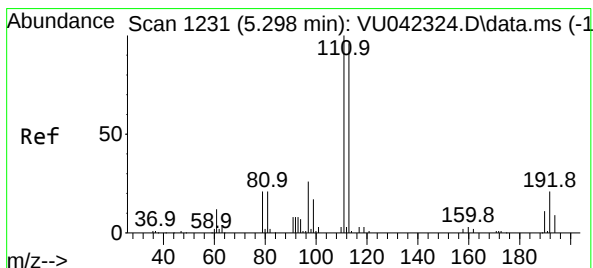
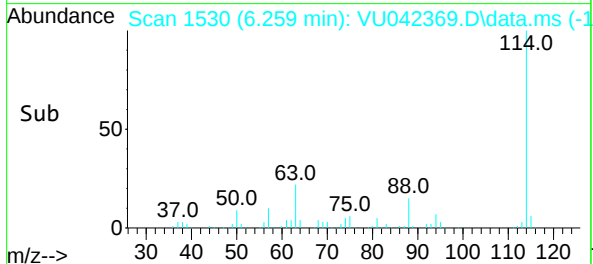
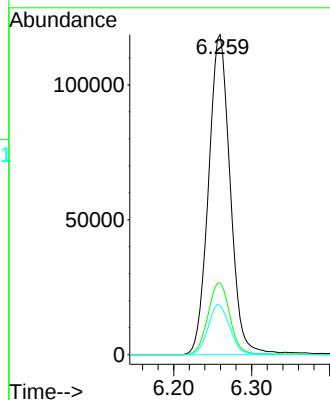
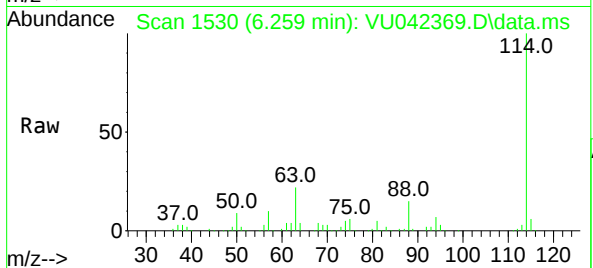
88 15.4 0.0 33.4

Instrument :

MSVOA_U

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA



#35

Dibromofluoromethane

Concen: 48.53 ug/l

RT: 5.301 min Scan# 1232

Delta R.T. 0.003 min

Lab File: VU042369.D

Acq: 19 Feb 2021 18:13

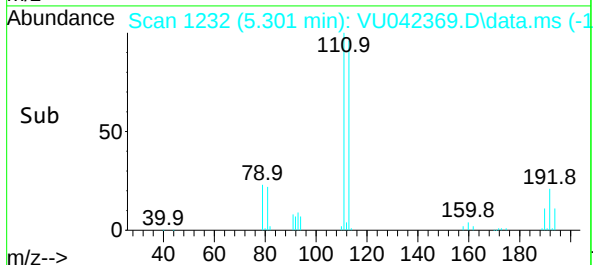
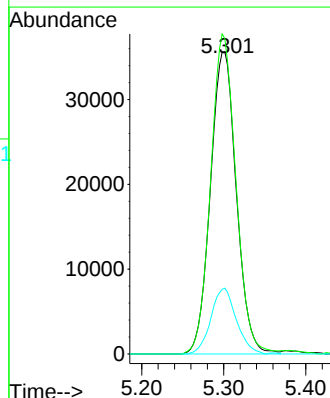
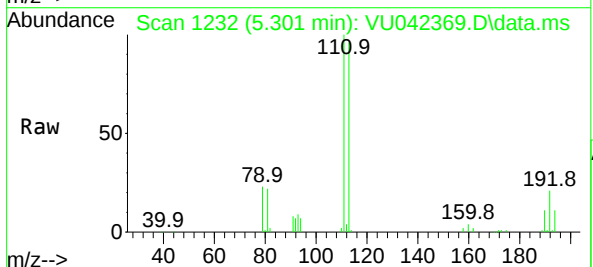
Tgt Ion:113 Resp: 78194

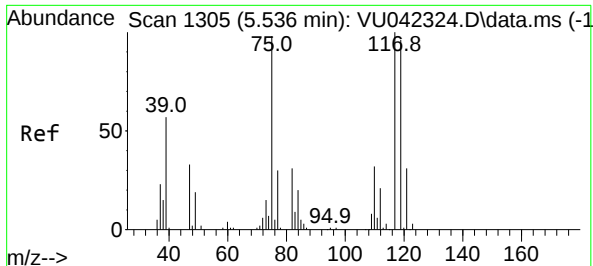
Ion Ratio Lower Upper

113 100

111 103.1 81.8 122.8

192 21.3 17.2 25.8

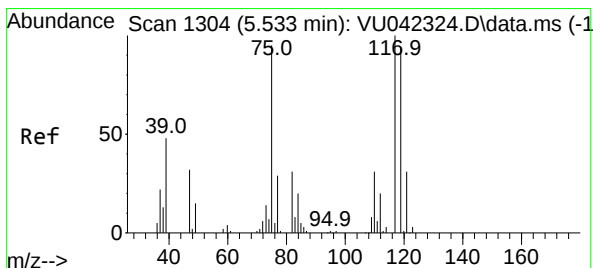
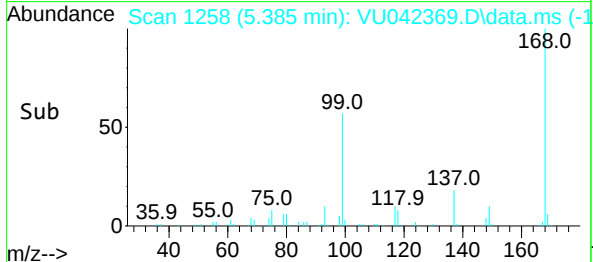
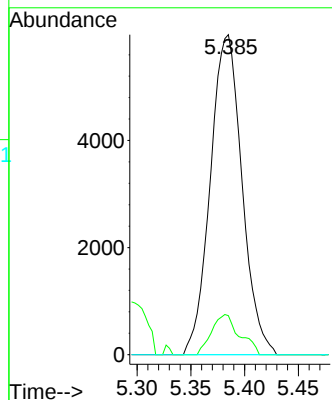
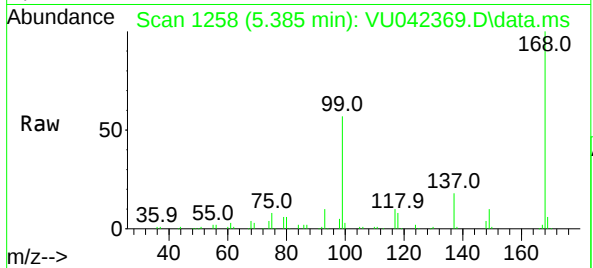




#36
1,1-Dichloropropene
Concen: 5.43 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.151 min
Lab File: VU042369.D
Acq: 19 Feb 2021 18:13

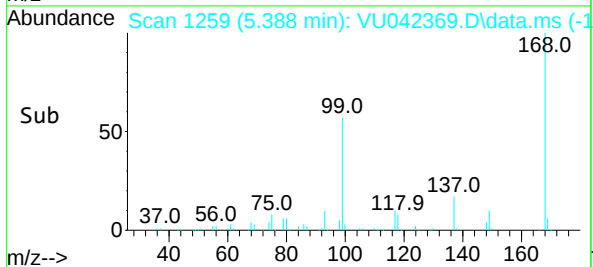
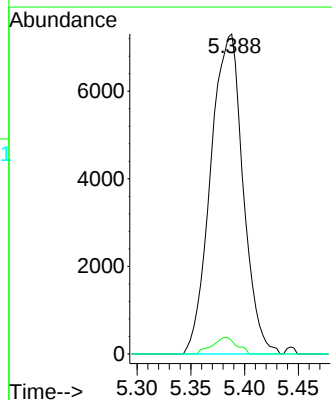
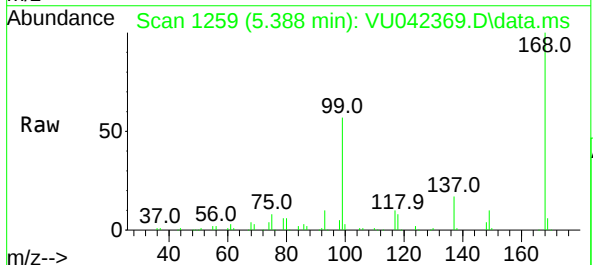
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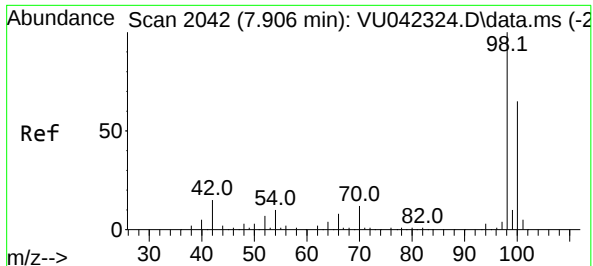
Tgt Ion: 75 Resp: 12254
Ion Ratio Lower Upper
75 100
110 11.1 16.8 50.3#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.34 ug/l
RT: 5.388 min Scan# 1259
Delta R.T. -0.145 min
Lab File: VU042369.D
Acq: 19 Feb 2021 18:13

Tgt Ion: 117 Resp: 15301
Ion Ratio Lower Upper
117 100
119 4.2 75.5 113.3#
121 0.0 24.7 37.1#

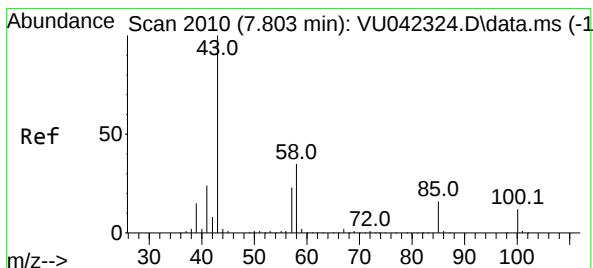
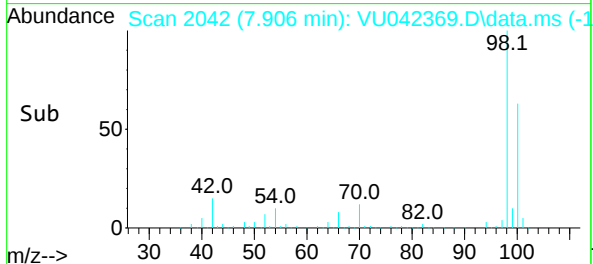
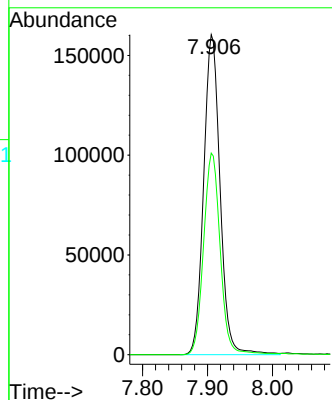
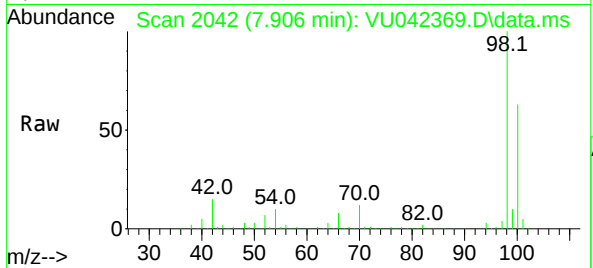




#50
Toluene-d8
Concen: 48.91 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042369.D
Acq: 19 Feb 2021 18:13

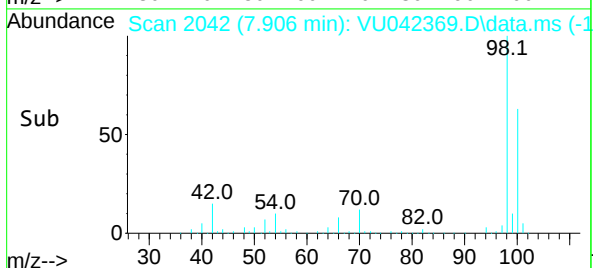
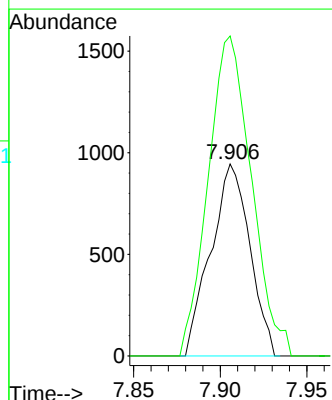
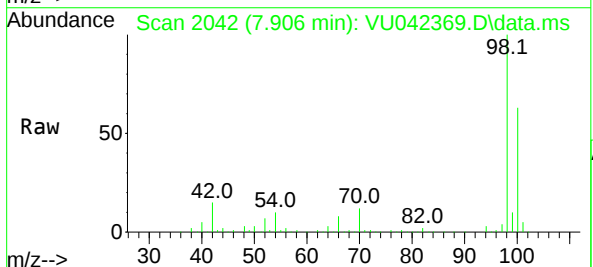
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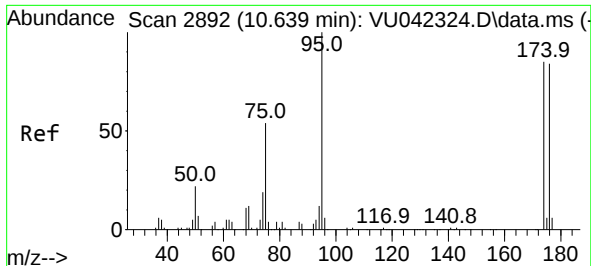
Tgt Ion: 98 Resp: 282230
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 0.42 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.103 min
Lab File: VU042369.D
Acq: 19 Feb 2021 18:13

Tgt Ion: 43 Resp: 1483
Ion Ratio Lower Upper
43 100
58 184.0 28.1 42.1#

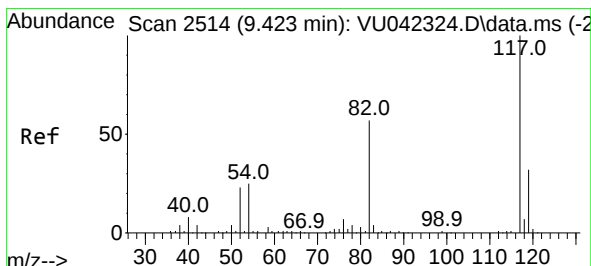
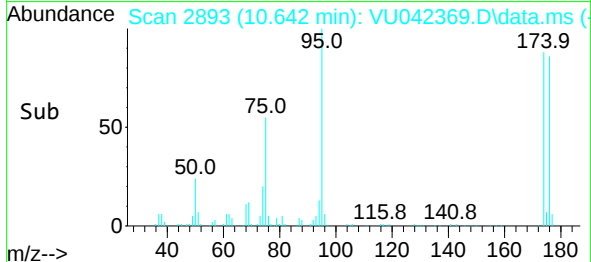
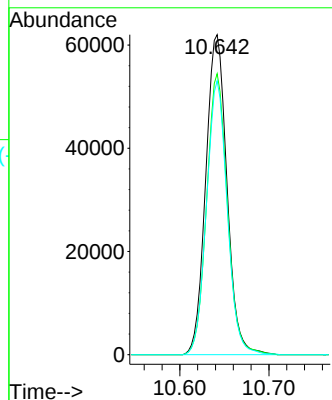
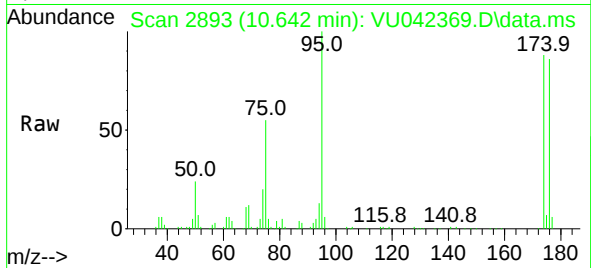




#62
4-Bromofluorobenzene
Concen: 45.02 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.003 min
Lab File: VU042369.D
Acq: 19 Feb 2021 18:13

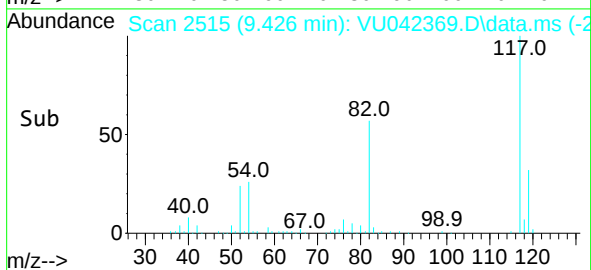
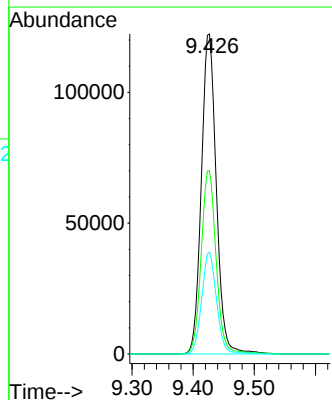
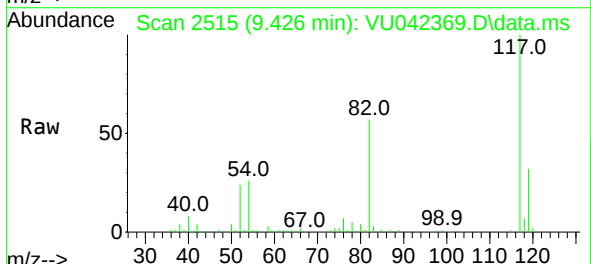
Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

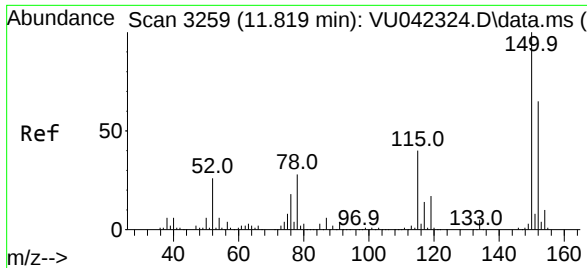
Tgt Ion:	95	Resp:	102382
Ion	Ratio	Lower	Upper
95	100		
174	85.9	0.0	172.2
176	83.4	0.0	168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.426 min Scan# 2515
Delta R.T. 0.003 min
Lab File: VU042369.D
Acq: 19 Feb 2021 18:13

Tgt Ion:	117	Resp:	208131
Ion	Ratio	Lower	Upper
117	100		
82	57.3	45.8	68.6
119	31.8	25.8	38.8

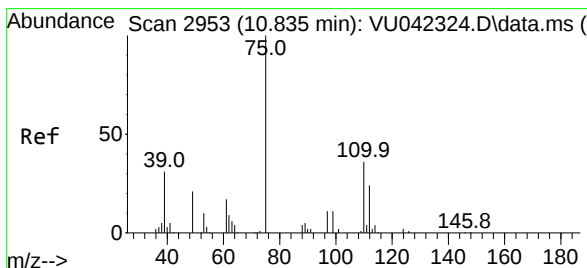
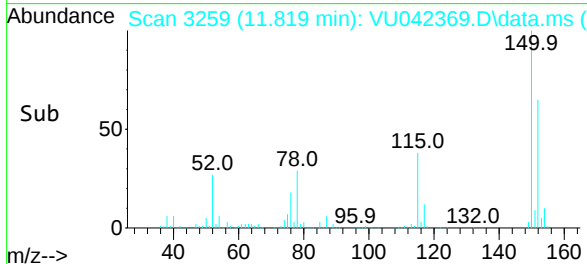
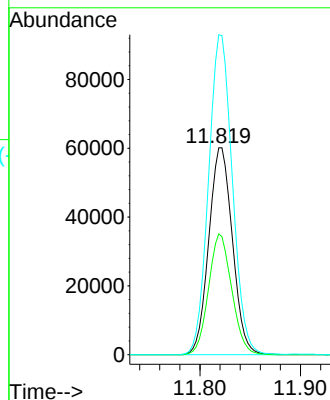
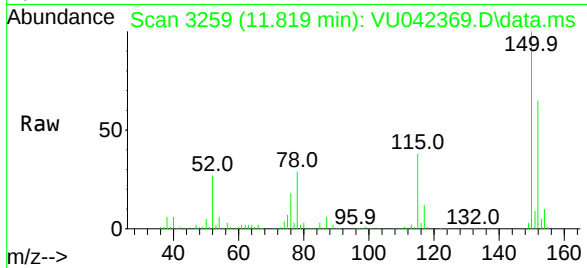




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU042369.D
 Acq: 19 Feb 2021 18:13

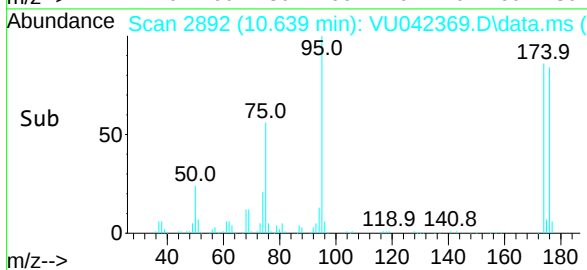
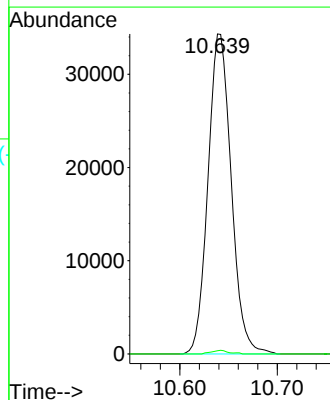
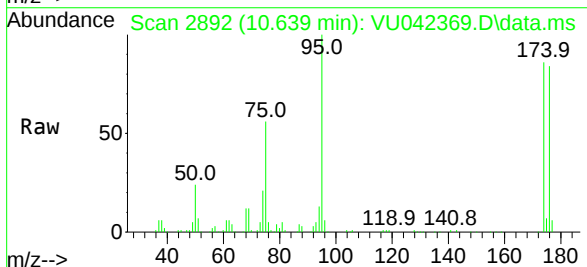
Instrument :
 MSVOA_U
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

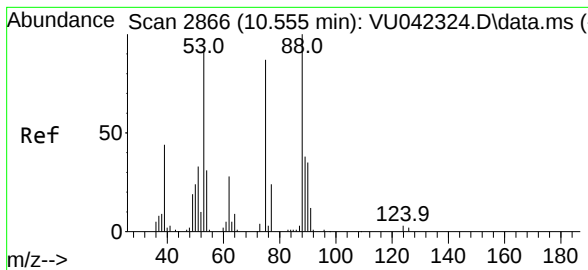
Tgt Ion:152 Resp: 98563
 Ion Ratio Lower Upper
 152 100
 115 56.9 41.5 124.6
 150 155.4 0.0 342.4



#76
 1,2,3-Trichloropropane
 Concen: 23.34 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.196 min
 Lab File: VU042369.D
 Acq: 19 Feb 2021 18:13

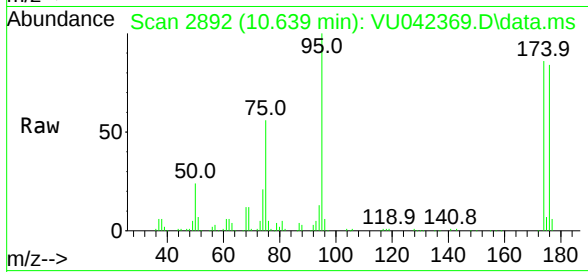
Tgt Ion: 75 Resp: 56872
 Ion Ratio Lower Upper
 75 100
 77 0.9 20.2 60.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.45 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. 0.083 min
 Lab File: VU042369.D
 Acq: 19 Feb 2021 18:13

Instrument :
 MSVOA_U
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA



Tgt Ion:	75	Resp:	56872
Ion Ratio	Lower	Upper	
75	100		
53	0.0	85.6	128.4#
89	0.0	35.7	53.5#

