

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021122\
 Data File : VU047117.D
 Acq On : 11 Feb 2022 16:01
 Operator : SY/MD
 Sample : N1462-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 12 01:28:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 12 01:25:35 2022
 Response via : Initial Calibration

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

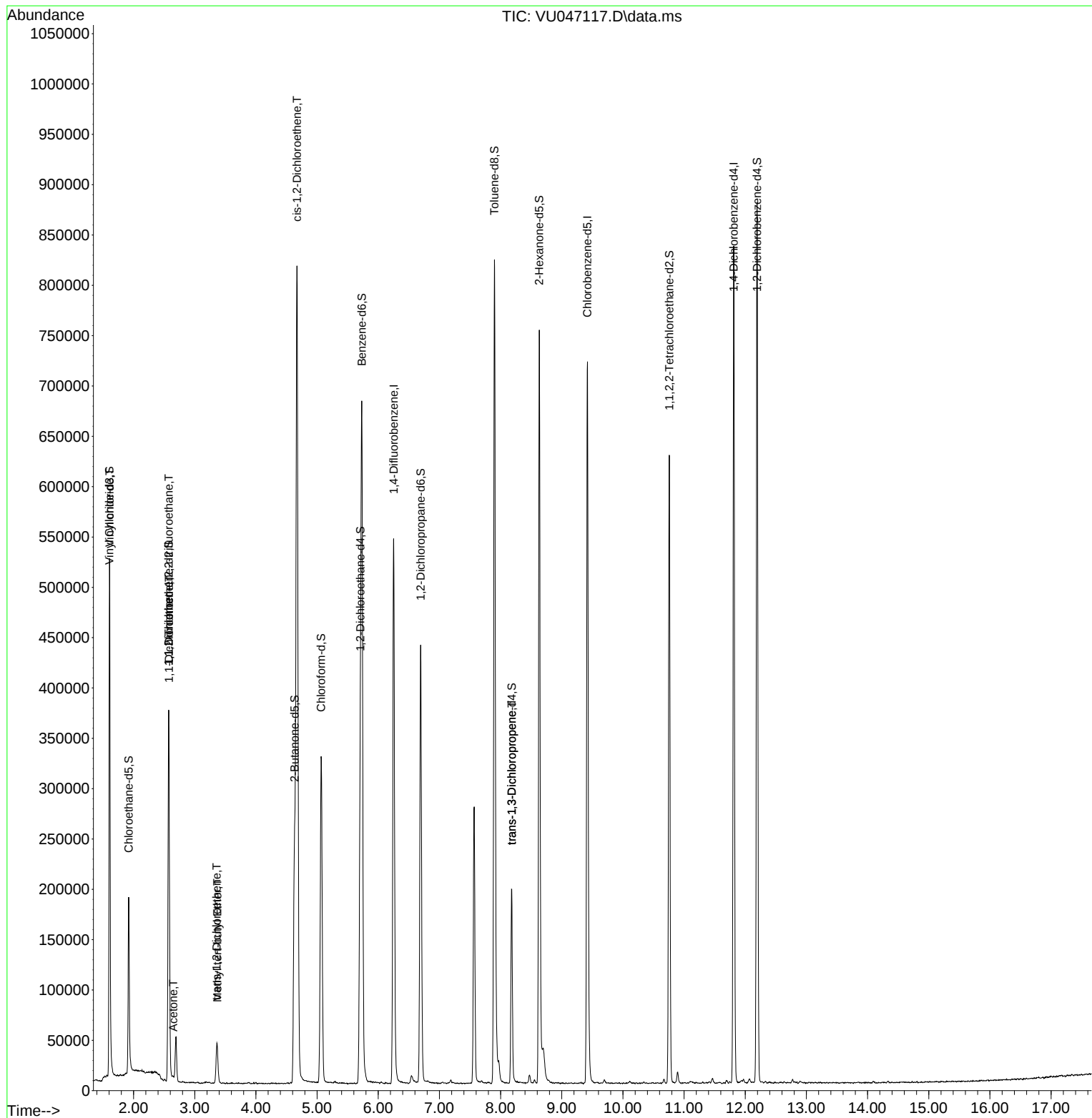
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	462888	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	432118	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	220667	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	164022	39.016	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	78.040%		
7) Chloroethane-d5	1.919	69	135548	43.495	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	87.000%		
11) 1,1-Dichloroethene-d2	2.575	63	220241	31.614	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	63.220%		
21) 2-Butanone-d5	4.633	46	374803	114.956	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	114.960%		
24) Chloroform-d	5.067	84	297205	43.548	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.100%		
26) 1,2-Dichloroethane-d4	5.707	65	202645	46.261	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.520%		
32) Benzene-d6	5.732	84	629938	43.849	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.700%		
36) 1,2-Dichloropropane-d6	6.694	67	210185	45.115	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.240%		
41) Toluene-d8	7.899	98	595751	43.555	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.100%		
43) trans-1,3-Dichloroprop...	8.182	79	106722	43.712	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.420%		
47) 2-Hexanone-d5	8.632	63	274960	103.019	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	103.020%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	315977	46.514	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.020%		
66) 1,2-Dichlorobenzene-d4	12.195	152	237101	45.305	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.600%		
Target Compounds						Qvalue
5) Vinyl chloride	1.610	62	237167	55.143	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	2137	0.697	ug/L #	20
12) 1,1-Dichloroethene	2.578	96	2024	0.672	ug/L #	1
13) Acetone	2.649	43	5906	2.487	ug/L	84
17) trans-1,2-Dichloroethene	3.359	96	11640	3.681	ug/L	94
18) Methyl tert-butyl Ether	3.369	73	15746	1.472	ug/L #	93
20) cis-1,2-Dichloroethene	4.671	96	406963	116.340	ug/L	92
44) trans-1,3-Dichloropropene	8.182	75	4907	0.870	ug/L	84

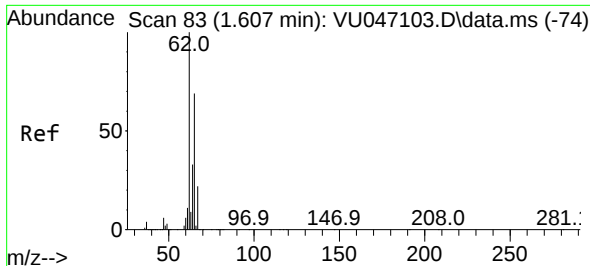
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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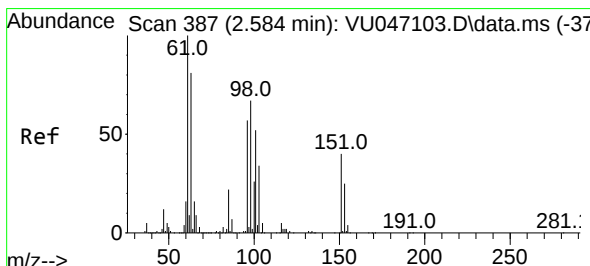
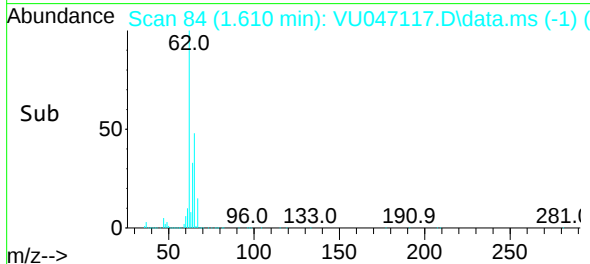
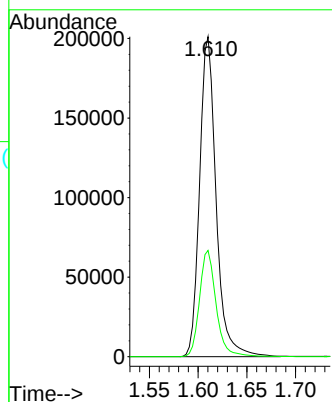
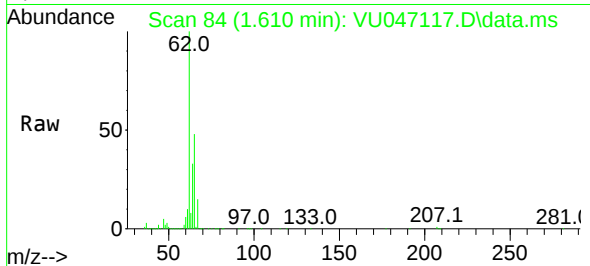




#5
 Vinyl chloride
 Concen: 55.143 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VU047117.D
 Acq: 11 Feb 2022 16:01

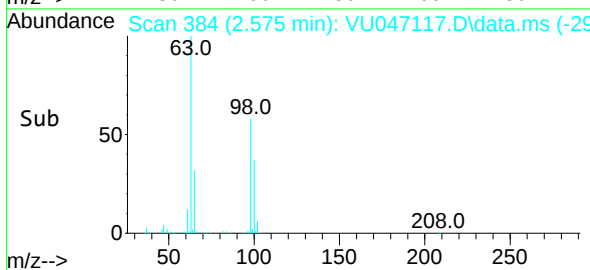
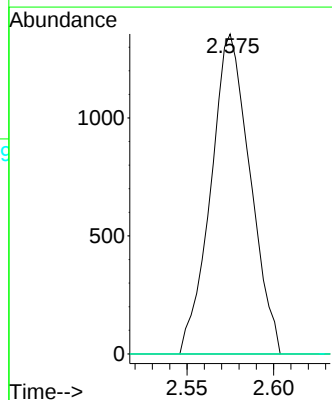
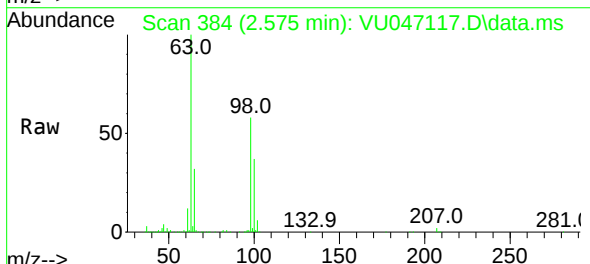
Instrument :
 MSVOA_U
 ClientSampleId :

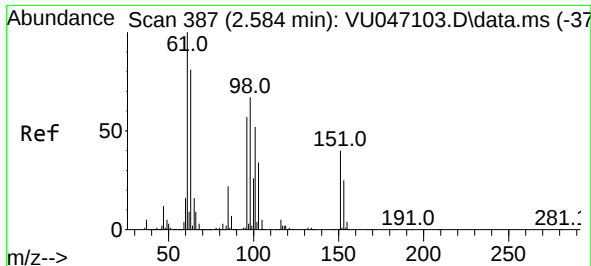
Tgt Ion: 62 Resp: 237167
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.1 42.9



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.697 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.010 min
 Lab File: VU047117.D
 Acq: 11 Feb 2022 16:01

Tgt Ion: 101 Resp: 2137
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.9 52.3#
 151 0.0 58.3 87.5#





#12

1,1-Dichloroethene

Concen: 0.672 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.006 min

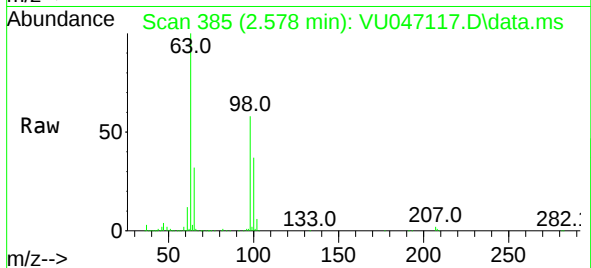
Lab File: VU047117.D

Acq: 11 Feb 2022 16:01

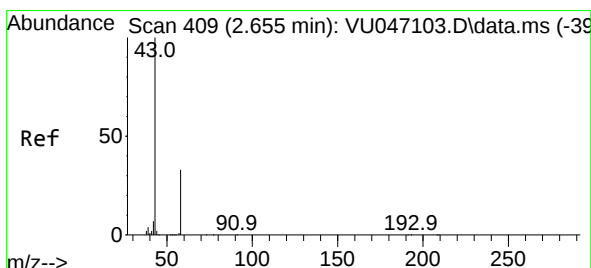
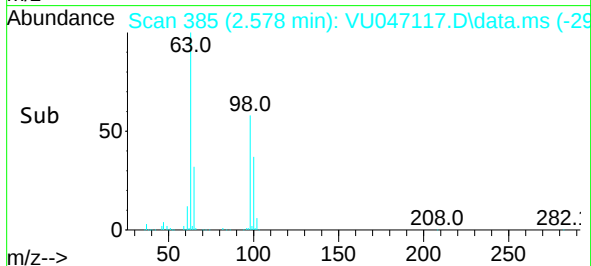
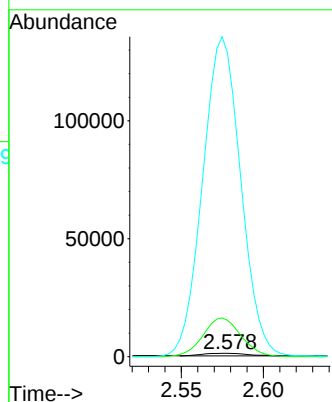
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	96	Resp:	2024
Ion	Ratio	Lower	Upper
96	100		
61	1105.3	114.9	213.3#
63	9193.4	86.0	159.8#



#13

Acetone

Concen: 2.487 ug/L

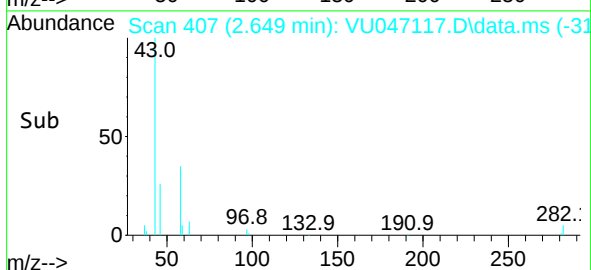
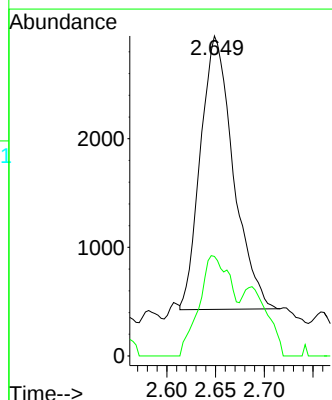
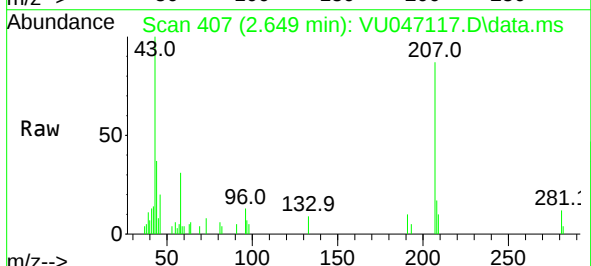
RT: 2.649 min Scan# 407

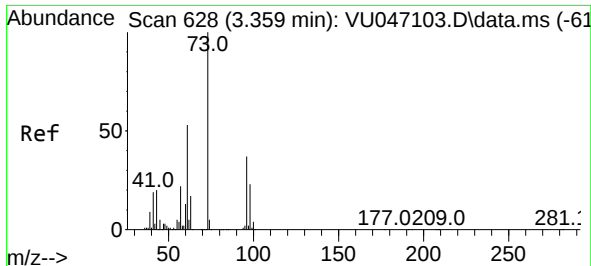
Delta R.T. -0.006 min

Lab File: VU047117.D

Acq: 11 Feb 2022 16:01

Tgt Ion:	43	Resp:	5906
Ion	Ratio	Lower	Upper
43	100		
58	26.4	0.0	71.0

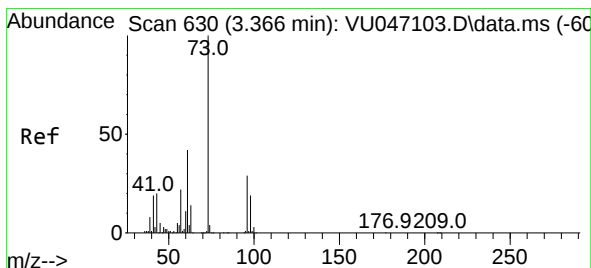
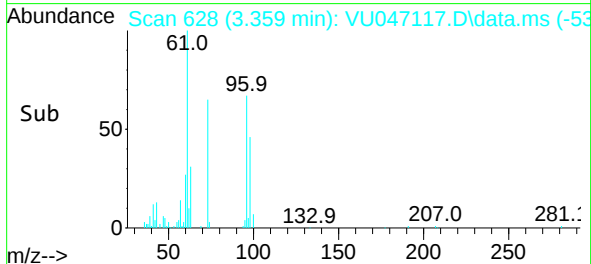
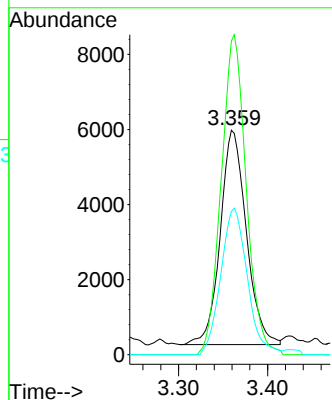
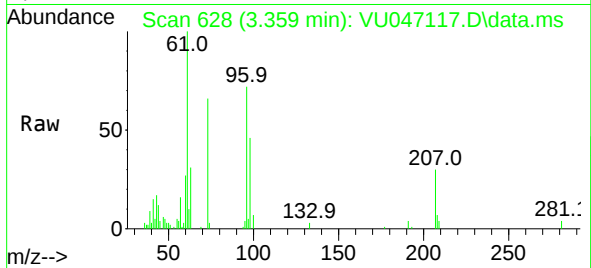




#17
trans-1,2-Dichloroethene
Concen: 3.681 ug/L
RT: 3.359 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU047117.D
Acq: 11 Feb 2022 16:01

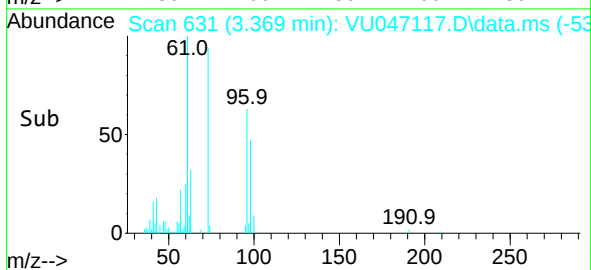
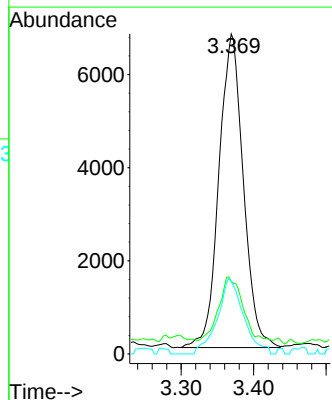
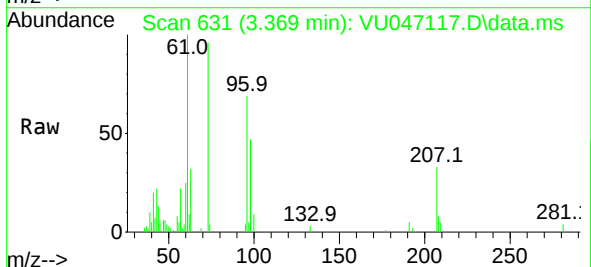
Instrument :
MSVOA_U
ClientSampleId :

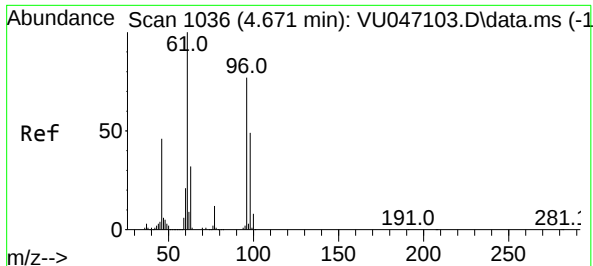
Tgt Ion: 96 Resp: 11640
Ion Ratio Lower Upper
96 100
61 139.7 92.5 171.9
98 63.8 42.4 78.6



#18
Methyl tert-butyl Ether
Concen: 1.472 ug/L
RT: 3.369 min Scan# 631
Delta R.T. 0.003 min
Lab File: VU047117.D
Acq: 11 Feb 2022 16:01

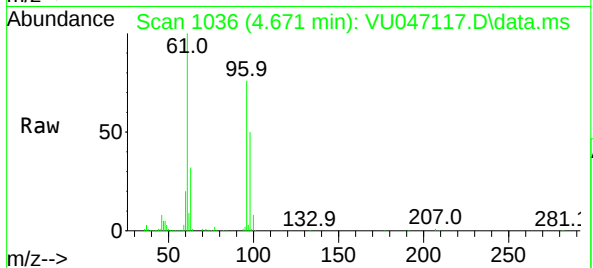
Tgt Ion: 73 Resp: 15746
Ion Ratio Lower Upper
73 100
43 19.2 14.1 21.1
57 25.3 16.4 24.6#



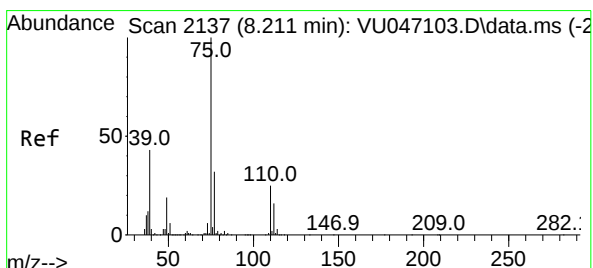
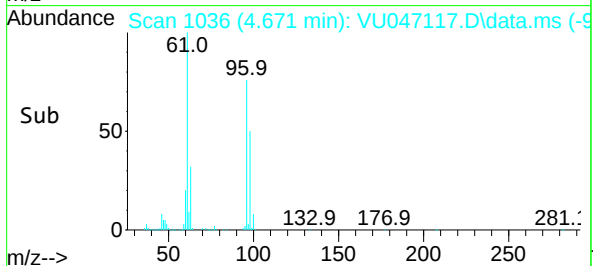
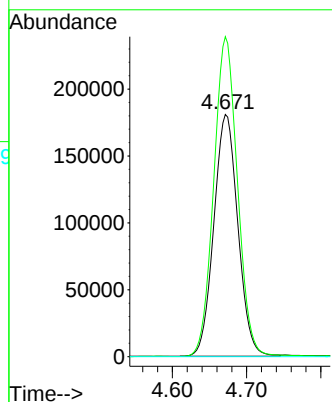


#20
 cis-1,2-Dichloroethene
 Concen: 116.340 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VU047117.D
 Acq: 11 Feb 2022 16:01

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 406963
 Ion Ratio Lower Upper
 96 100
 61 132.1 86.0 159.6
 68 0.0 0.0 0.0



#44
 trans-1,3-Dichloropropene
 Concen: 0.870 ug/L
 RT: 8.182 min Scan# 2128
 Delta R.T. -0.029 min
 Lab File: VU047117.D
 Acq: 11 Feb 2022 16:01

Tgt Ion: 75 Resp: 4907
 Ion Ratio Lower Upper
 75 100
 77 42.0 23.0 42.8

