

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U072018\
 Data File : VU025559.D
 Acq On : 20 Jul 2018 21:59
 Operator : MD/SY
 Sample : J4097-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 21 02:55:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 21 02:53:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	316483	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	287028	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	132276	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	79871	44.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.42%
7) Chloroethane-d5	1.68	69	69095	46.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.72%
11) 1,1-Dichloroethene-d2	2.27	63	131372	34.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.86%
21) 2-Butanone-d5	4.18	46	144378	103.51	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.51%
24) Chloroform-d	4.65	84	187807	46.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.34%
26) 1,2-Dichloroethane-d4	5.31	65	130251	48.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.88%
32) Benzene-d6	5.35	84	361640	49.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.26%
36) 1,2-Dichloropropane-d6	6.34	67	120537	50.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.64%
41) Toluene-d8	7.57	98	337156	47.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.52%
43) trans-1,3-Dichloropropene-	7.85	79	55880	46.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.24%
47) 2-Hexanone-d5	8.31	63	105643	106.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.37%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	160310	48.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.64%
64) 1,2-Dichlorobenzene-d4	11.86	152	135811	50.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.32%

Target Compounds

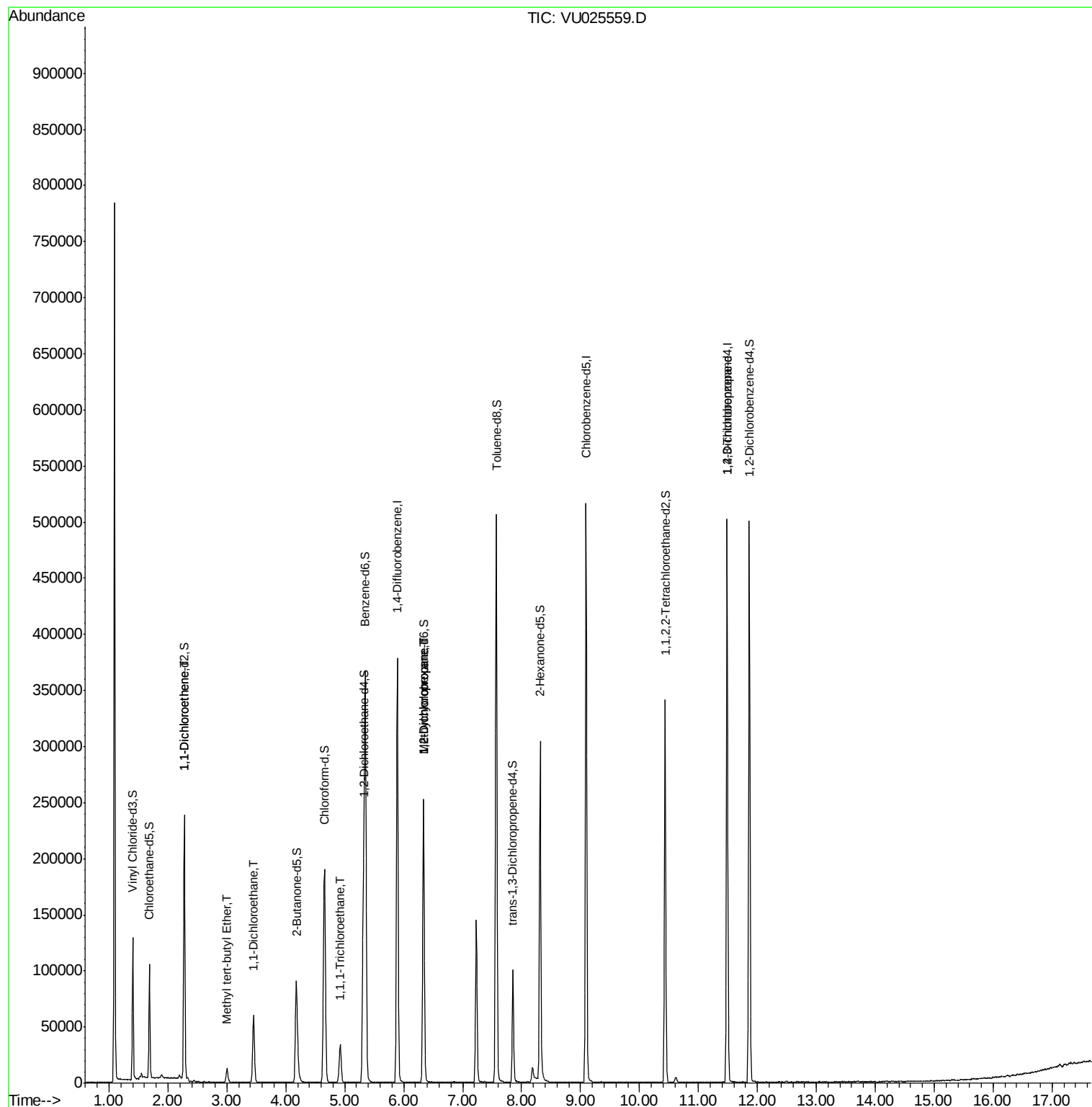
				Ovalue	
12) 1,1-Dichloroethene	2.28	96	2320	1.299 ug/L #	1
18) Methyl tert-butyl Ether	3.00	73	12335	1.842 ug/L	98
19) 1,1-Dichloroethane	3.45	63	63152	16.144 ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	27225	7.580 ug/L	99
35) Methylcyclohexane	6.33	83	28261	8.010 ug/L #	19
37) 1,2-Dichloropropane	6.34	63	13794	6.121 ug/L #	88
59) 1,2,3-Trichloropropane	11.49	75	13834	5.226 ug/L #	83

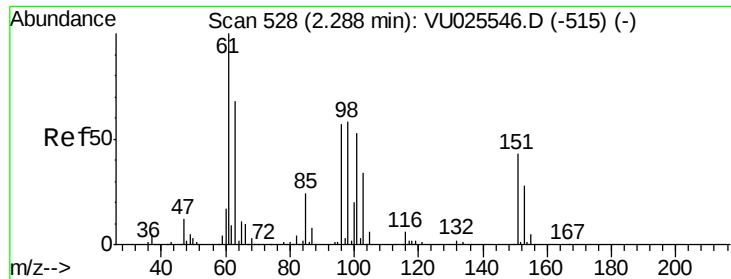
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU072018\
Data File : VU025559.D
Acq On : 20 Jul 2018 21:59
Operator : MD/SY
Sample : J4097-12
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jul 21 02:55:16 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 21 02:53:20 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.299 ug/L

RT: 2.28 min Scan# 526

Delta R.T. -0.01 min

Lab File: VU025559.D

Acq: 20 Jul 2018 21:59

Instrument :

MSVOA_U

ClientSampled :

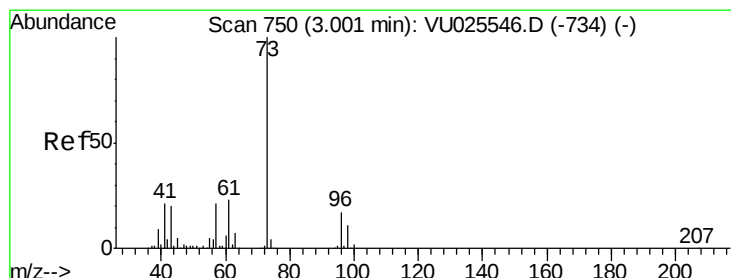
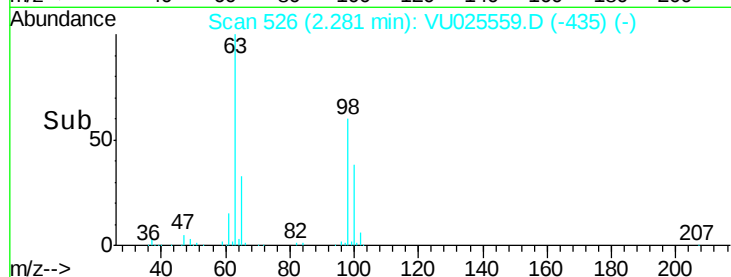
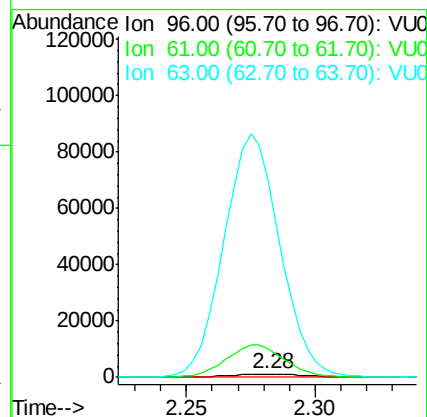
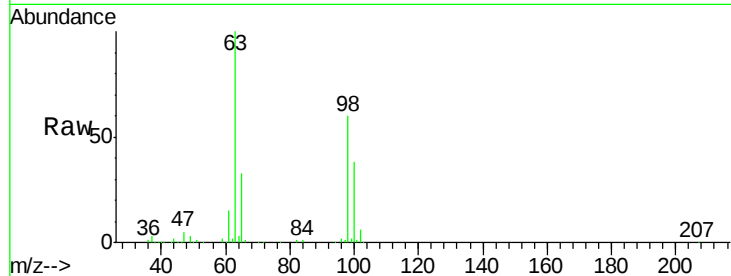
Tot Ion: 96 Resp: 2320

Ion Ratio Lower Upper

96 100

61 809.4 122.5 227.5#

63 5505.5 90.9 168.9#



#18

Methyl tert-butyl Ether

Concen: 1.842 ug/L

RT: 3.00 min Scan# 750

Delta R.T. 0.00 min

Lab File: VU025559.D

Acq: 20 Jul 2018 21:59

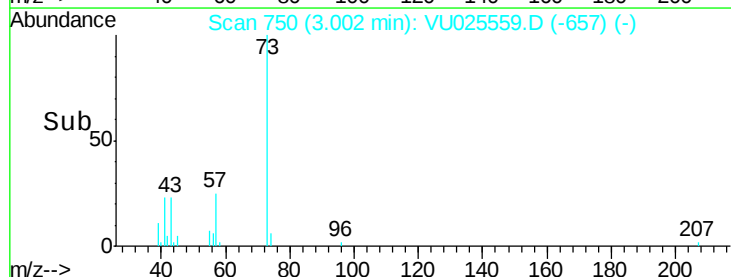
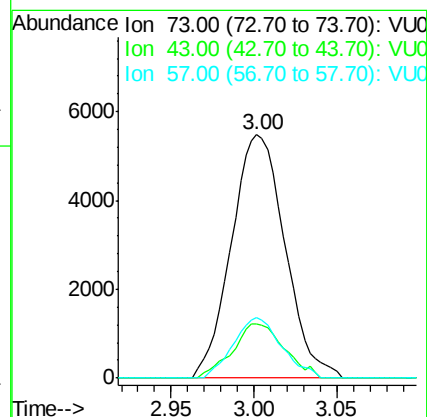
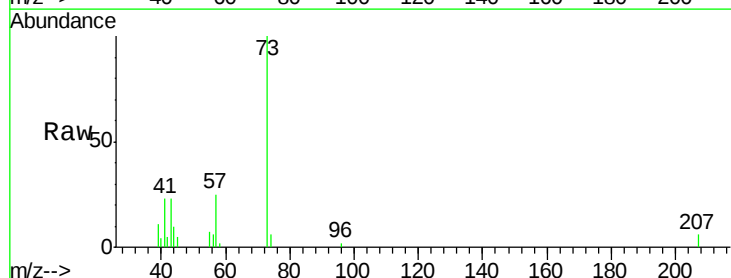
Tgt Ion: 73 Resp: 12335

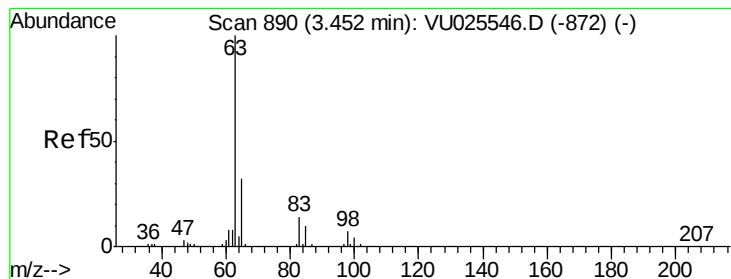
Ion Ratio Lower Upper

73 100

43 21.6 16.2 24.2

57 22.3 17.1 25.7





#19

1,1-Dichloroethane

Concen: 16.144 ug/L

RT: 3.45 min Scan# 890

Delta R.T. 0.00 min

Lab File: VU025559.D

Acq: 20 Jul 2018 21:59

Instrument :

MSVOA_U

ClientSampleId :

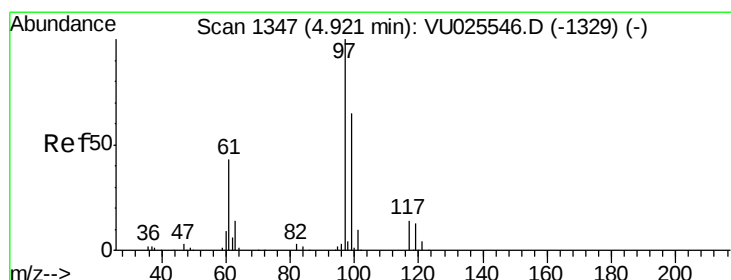
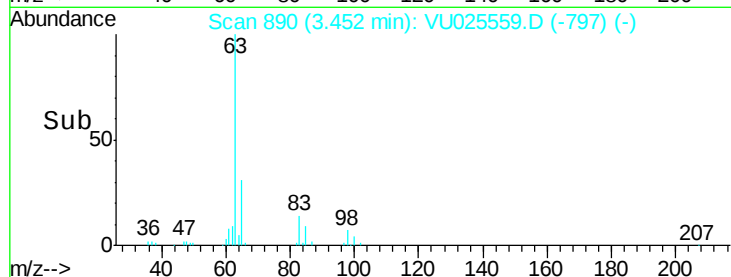
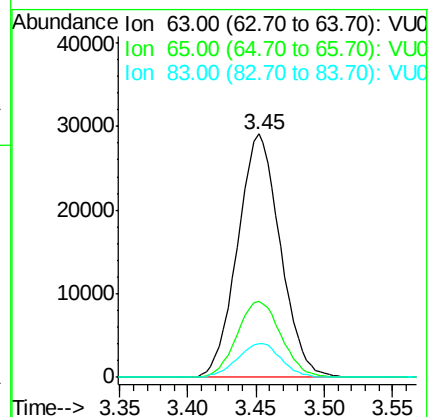
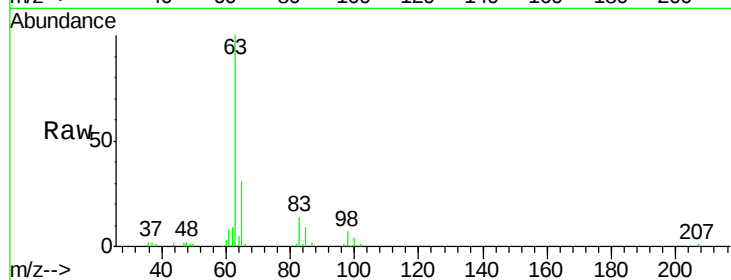
Tot Ion: 63 Resp: 63152

Ion Ratio Lower Upper

63 100

65 31.2 22.0 41.0

83 13.9 9.6 17.8



#30

1,1,1-Trichloroethane

Concen: 7.580 ug/L

RT: 4.92 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VU025559.D

Acq: 20 Jul 2018 21:59

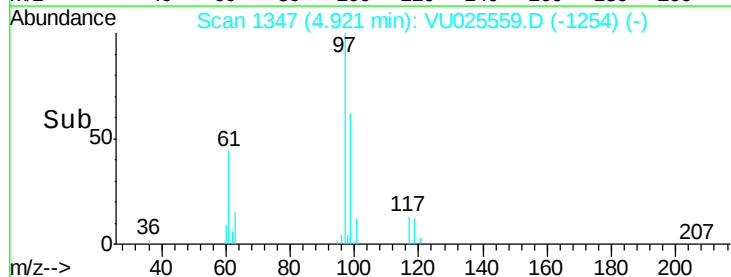
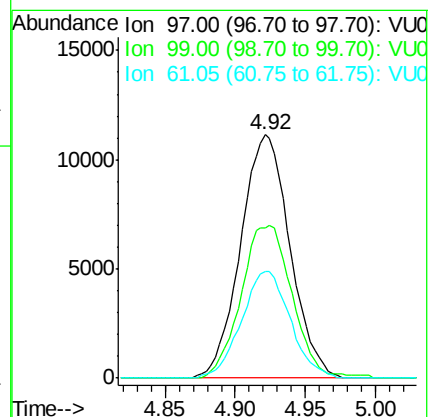
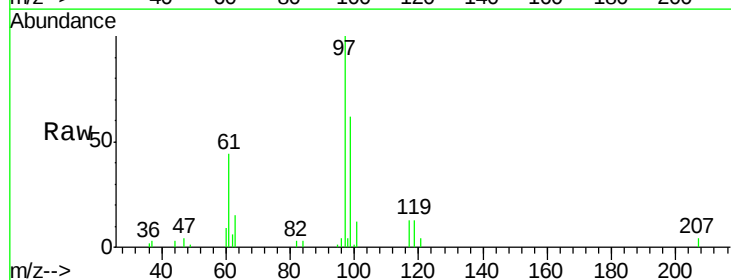
Tgt Ion: 97 Resp: 27225

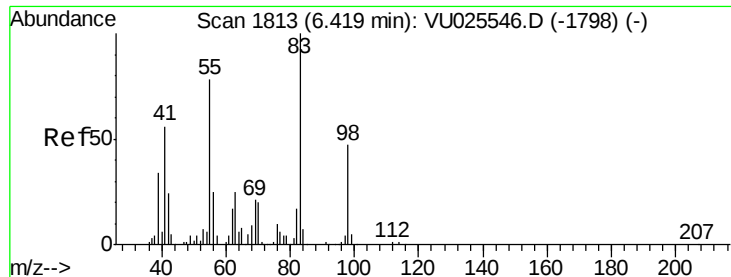
Ion Ratio Lower Upper

97 100

99 64.2 52.4 78.6

61 43.2 34.6 52.0

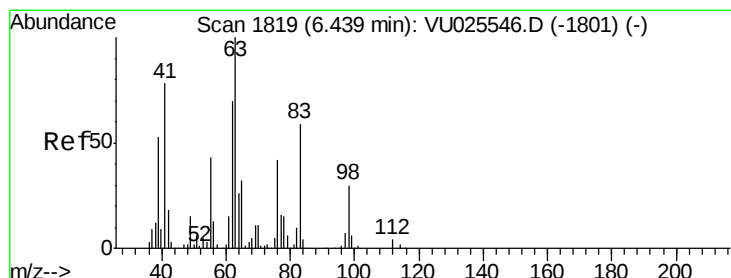
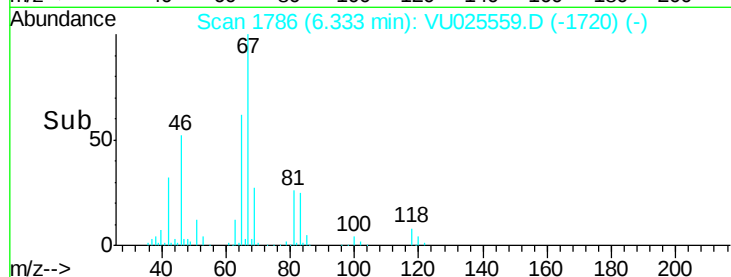
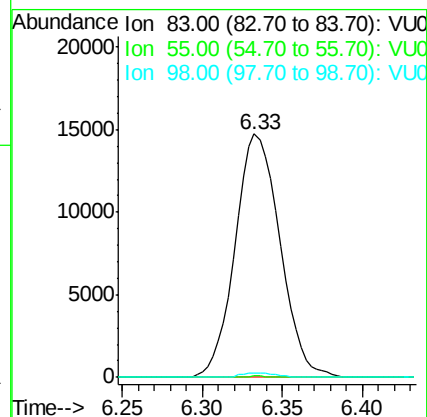
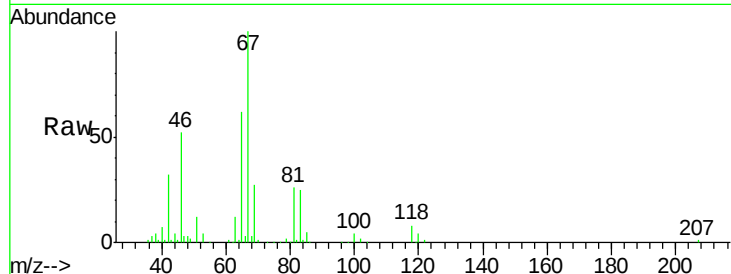




#35
Methvlcvclohexane
Concen: 8.010 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.09 min
Lab File: VU025559.D
Acq: 20 Jul 2018 21:59

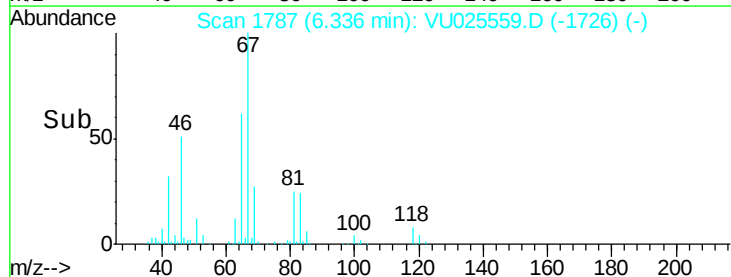
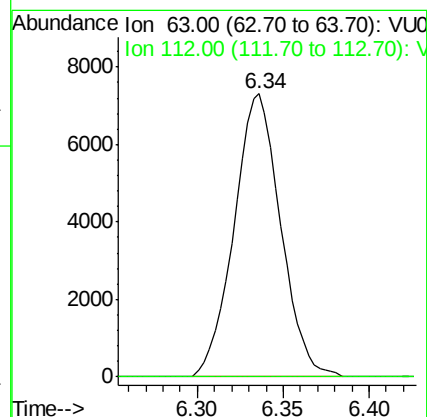
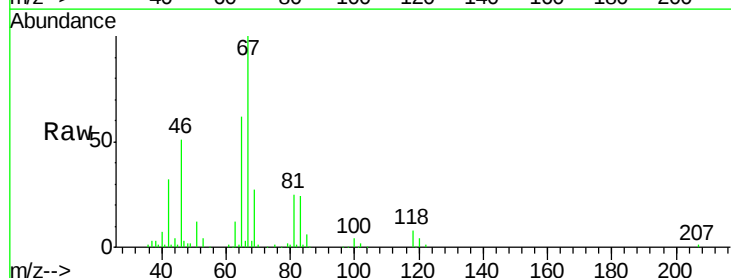
Instrument :
MSVOA_U
ClientSampleId :

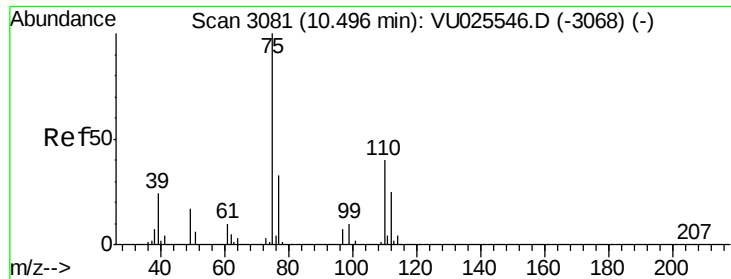
Tot Ion: 83 Resp: 28261
Ion Ratio Lower Upper
83 100
55 0.1 61.1 91.7#
98 1.4 38.6 57.8#



#37
1,2-Dichloropropane
Concen: 6.121 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.10 min
Lab File: VU025559.D
Acq: 20 Jul 2018 21:59

Tgt Ion: 63 Resp: 13794
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#





#59

1,2,3-Trichloropropane

Concen: 5.226 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU025559.D

Acq: 20 Jul 2018 21:59

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 13834

Ion Ratio Lower Upper

75 100

77 41.6 25.8 38.8#

