

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080718\
 Data File : VU025956.D
 Acq On : 07 Aug 2018 22:54
 Operator : MD/SY
 Sample : J4361-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZB8

Quant Time: Aug 08 06:48:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 08 06:47:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	313733	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	283006	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	121024	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	82942	47.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.42%
7) Chloroethane-d5	1.68	69	68467	52.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.02%
11) 1,1-Dichloroethene-d2	2.27	63	123370	36.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.28%
21) 2-Butanone-d5	4.18	46	130749	109.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.30%
24) Chloroform-d	4.65	84	170399	50.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.26%
26) 1,2-Dichloroethane-d4	5.31	65	117494	52.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.78%
32) Benzene-d6	5.35	84	332477	53.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.60%
36) 1,2-Dichloropropane-d6	6.34	67	106227	54.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.54%
41) Toluene-d8	7.57	98	303241	50.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.20%
43) trans-1,3-Dichloropropene-	7.85	79	49842	49.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.02%
47) 2-Hexanone-d5	8.31	63	85922	106.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.46%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	143740	53.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.00%
64) 1,2-Dichlorobenzene-d4	11.87	152	114091	57.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.12%

Target Compounds

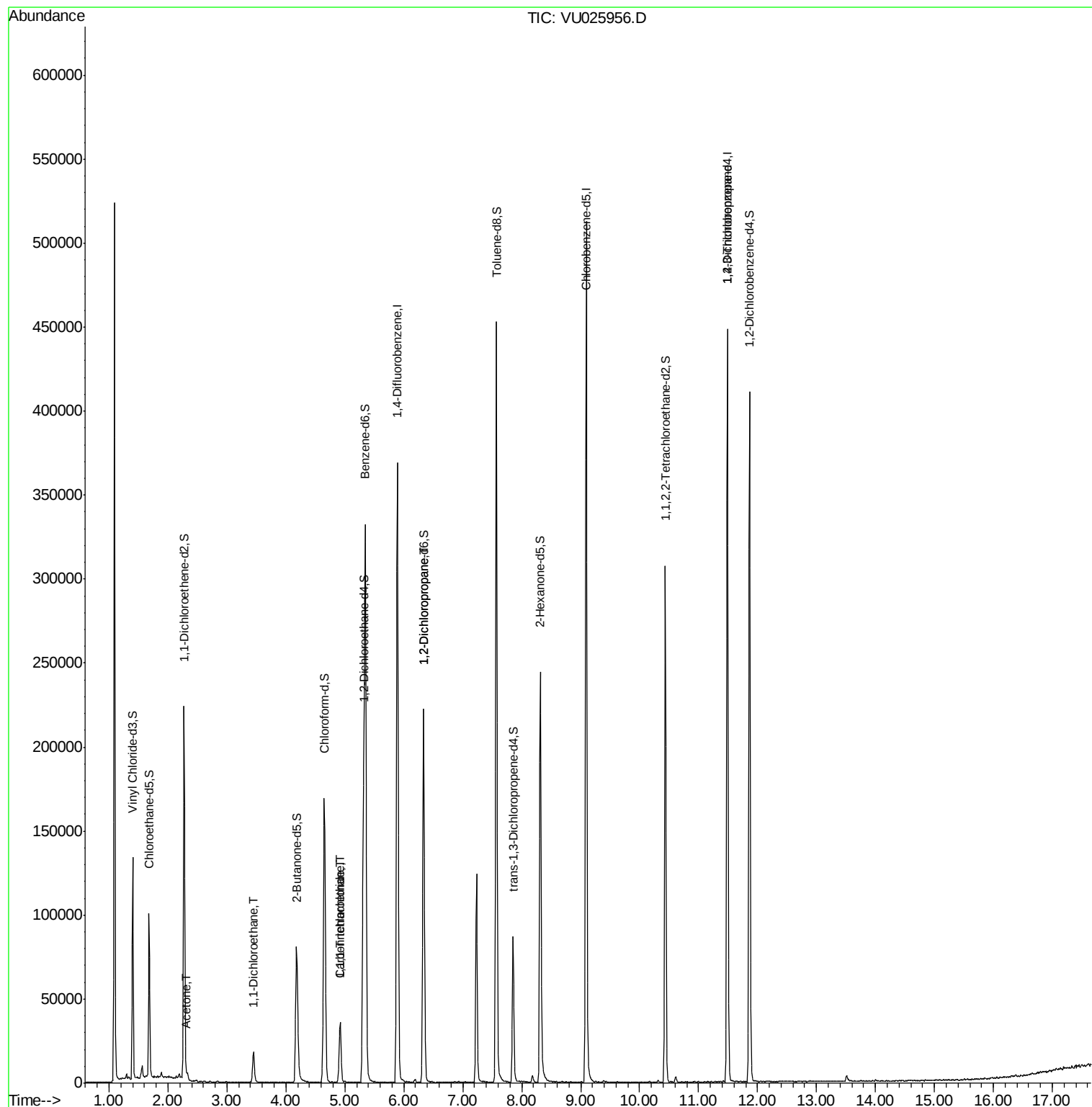
					Qvalue
13) Acetone	2.32	43	1992	1.407 ug/L	75
19) 1,1-Dichloroethane	3.45	63	19743	5.575 ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	28911	8.975 ug/L	97
31) Carbon tetrachloride	4.92	117	3548	1.232 ug/L	97
37) 1,2-Dichloropropane	6.34	63	12333	6.240 ug/L #	88
59) 1,2,3-Trichloropropane	11.49	75	13915	5.532 ug/L	90

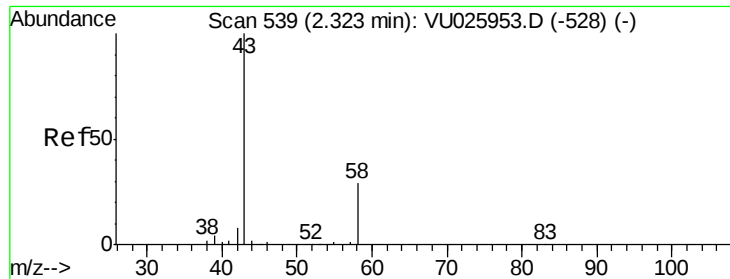
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 08 06:47:05 2018
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#13

Acetone

Concen: 1.407 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025956.D

Acq: 07 Aug 2018 22:54

Instrument :

MSVOA_U

ClientSampled :

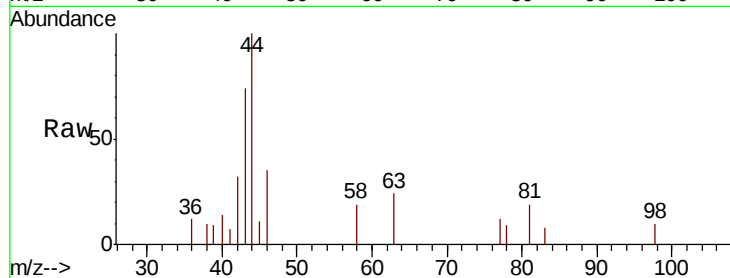
A4ZB8

Tgt Ion: 43 Resp: 1992

Ion Ratio Lower Upper

43 100

58 16.7 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

1200

1000

800

600

400

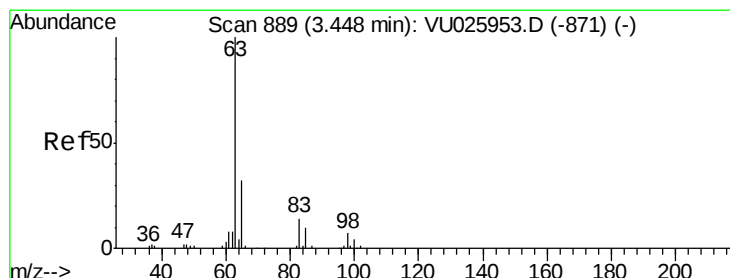
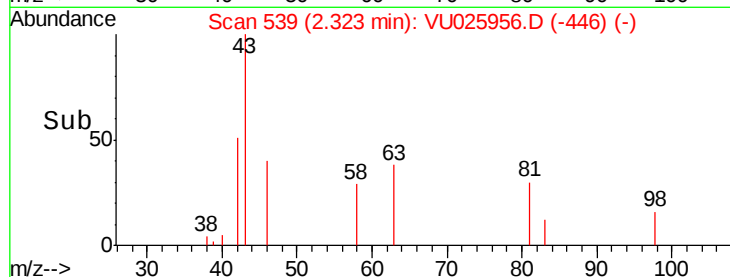
200

0

2.30

2.35

Time-->



#19

1,1-Dichloroethane

Concen: 5.575 ug/L

RT: 3.45 min Scan# 890

Delta R.T. 0.00 min

Lab File: VU025956.D

Acq: 07 Aug 2018 22:54

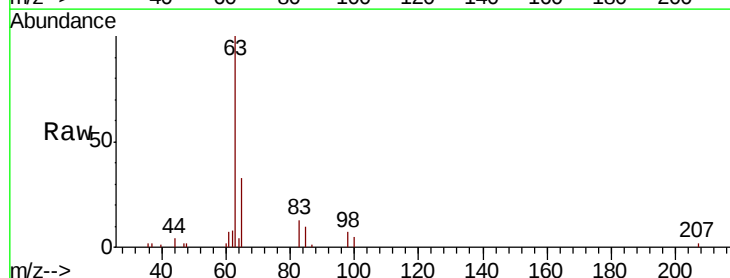
Tgt Ion: 63 Resp: 19743

Ion Ratio Lower Upper

63 100

65 32.7 22.7 42.3

83 12.7 9.7 18.1



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 65.00 (64.70 to 65.70): VU0

Ion 83.00 (82.70 to 83.70): VU0

12000

10000

8000

6000

4000

2000

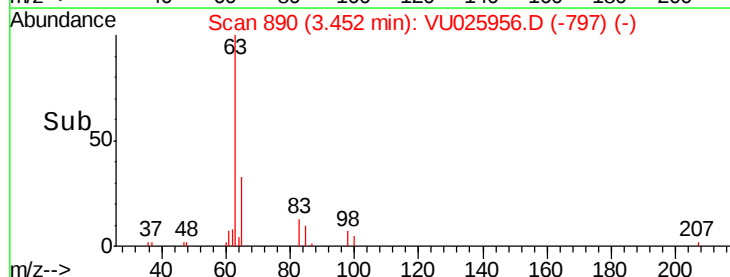
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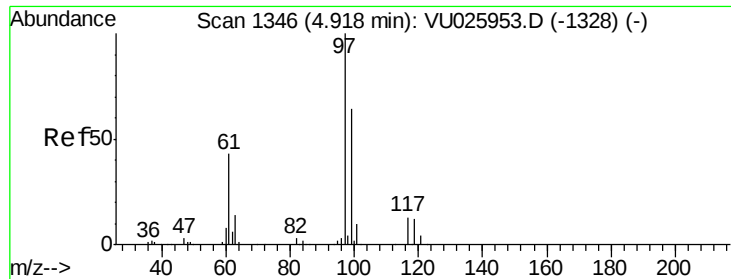
3.40

3.45

3.50

Time-->

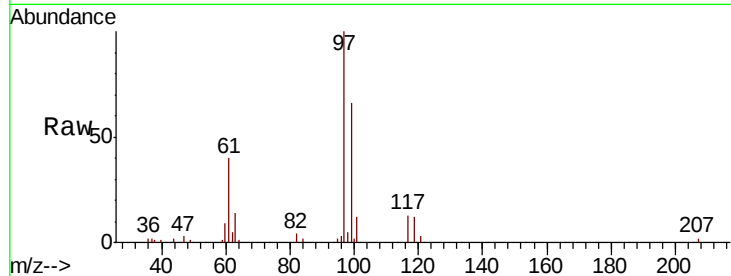




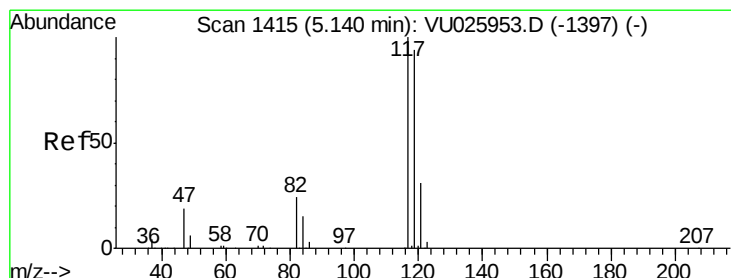
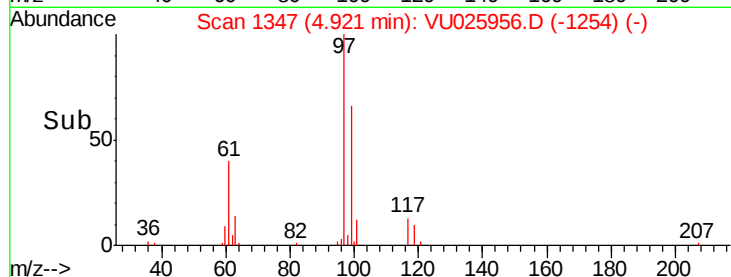
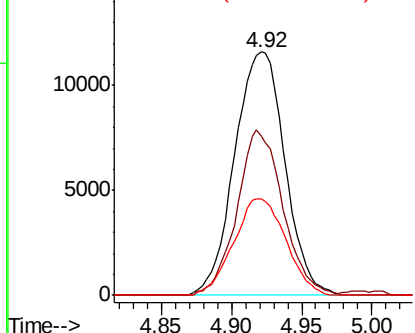
#30
 1,1,1-Trichloroethane
 Concen: 8.975 ug/L
 RT: 4.92 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: VU025956.D
 Acq: 07 Aug 2018 22:54

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZB8

Tgt Ion: 97 Resp: 28911
 Ion Ratio Lower Upper
 97 100
 99 62.3 52.3 78.5
 61 41.0 33.8 50.6

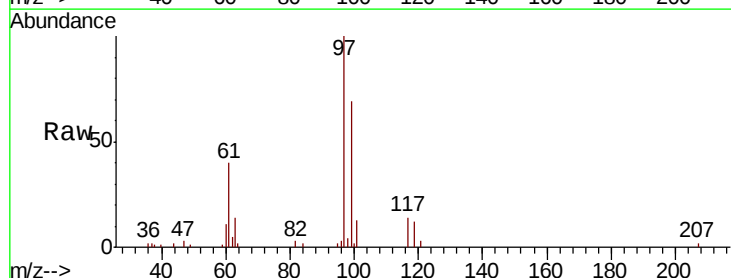


Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 99.00 (98.70 to 99.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0

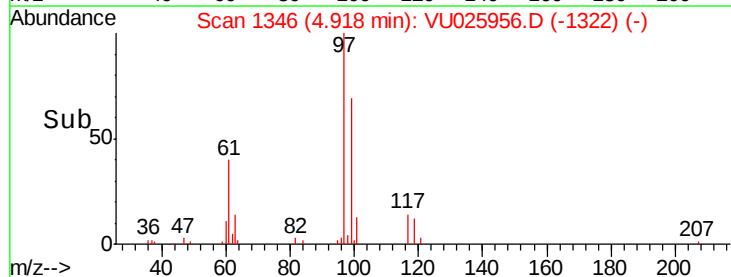
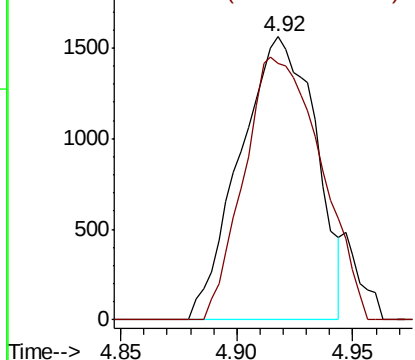


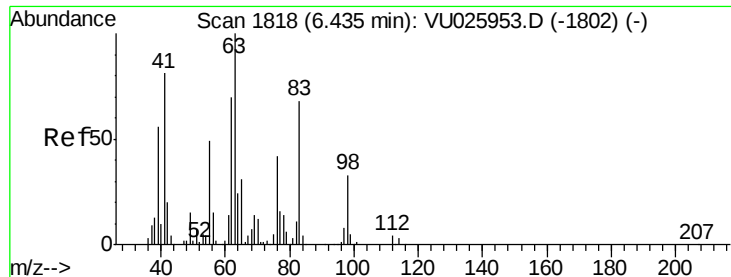
#31
 Carbon tetrachloride
 Concen: 1.232 ug/L
 RT: 4.92 min Scan# 1346
 Delta R.T. -0.22 min
 Lab File: VU025956.D
 Acq: 07 Aug 2018 22:54

Tgt Ion: 117 Resp: 3548
 Ion Ratio Lower Upper
 117 100
 119 94.5 77.8 116.8



Abundance Ion 117.00 (116.70 to 117.70): V
 Ion 119.00 (118.70 to 119.70): V

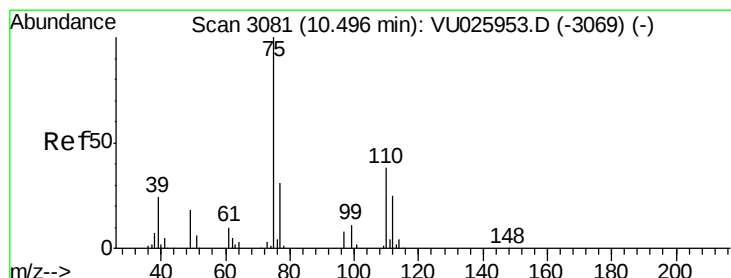
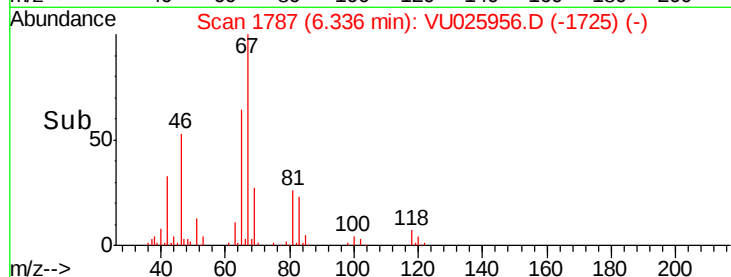
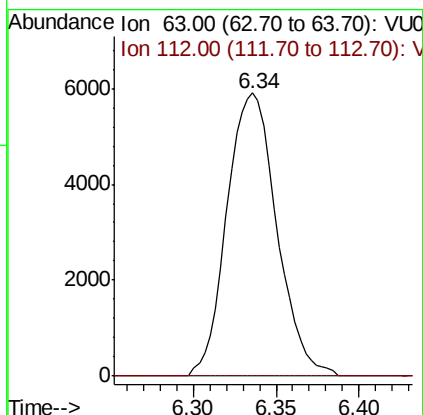
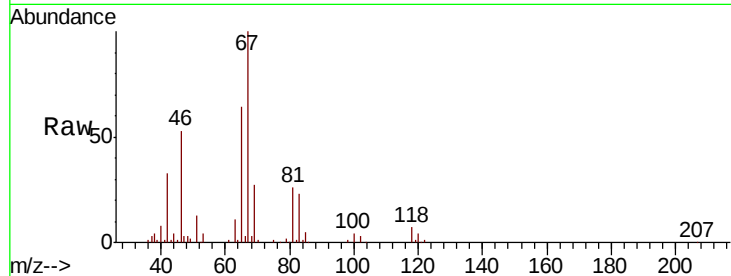




#37
 1,2-Dichloropropane
 Concen: 6.240 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
 Lab File: VU025956.D
 Acq: 07 Aug 2018 22:54

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZB8

Tgt Ion: 63 Resp: 12333
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.3 4.9#



#59
 1,2,3-Trichloropropane
 Concen: 5.532 ug/L
 RT: 11.49 min Scan# 3389
 Delta R.T. 0.99 min
 Lab File: VU025956.D
 Acq: 07 Aug 2018 22:54

Tgt Ion: 75 Resp: 13915
 Ion Ratio Lower Upper
 75 100
 77 37.2 25.5 38.3

