

Data File : VU036004.D
Acq On : 05 Dec 2019 19:33
Operator : JC/SP
Sample : K6132-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFQR8

Quant Time: Dec 06 01:03:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 06 00:57:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	286481	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	306968	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	116026	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	130979	4.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.20%
7) Chloroethane-d5	1.93	69	110814	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.60%
11) 1,1-Dichloroethene-d2	2.59	63	151401	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	4.70	46	281276	48.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.28%
24) Chloroform-d	5.11	84	216477	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.75	65	113983	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.77	84	413552	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.73	67	136375	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.93	98	333445	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.60%
43) trans-1,3-Dichloropropene-	8.21	79	49472	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	8.68	63	216849	46.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.74%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	117505	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	126393	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

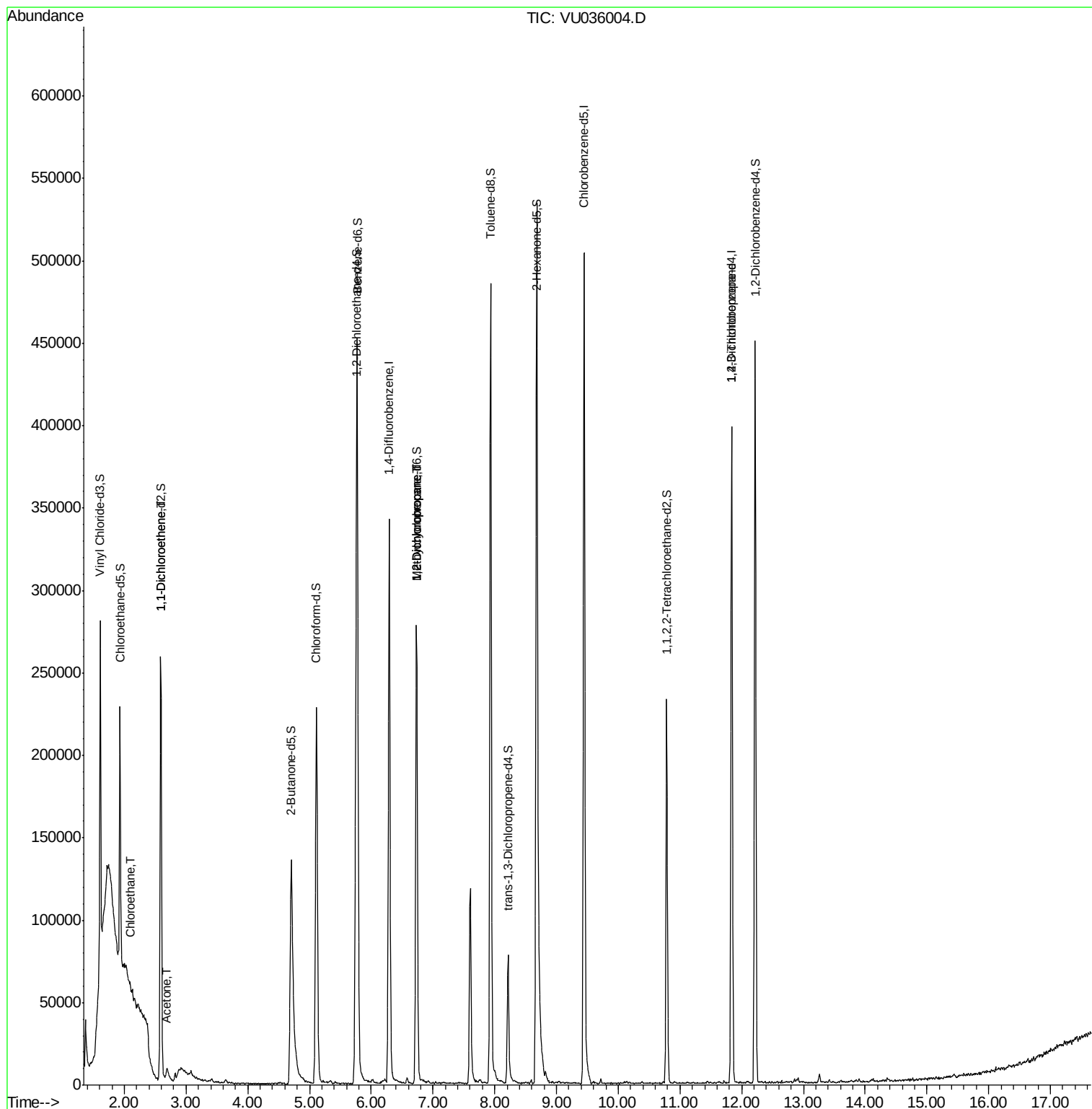
					Qvalue
8) Chloroethane	2.10	64	12963	0.611 ug/L #	53
12) 1,1-Dichloroethene	2.59	96	1571	0.077 ug/L #	1
13) Acetone	2.70	43	11938	2.283 ug/L	83
35) Methylcyclohexane	6.73	83	32510	0.888 ug/L #	17
37) 1,2-Dichloropropane	6.73	63	14156	0.542 ug/L #	88
59) 1,2,3-Trichloropropane	11.83	75	12938	0.762 ug/L	91

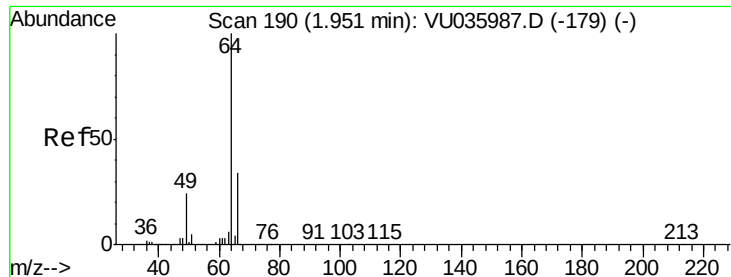
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.611 ug/L

RT: 2.10 min Scan# 235

Delta R.T. 0.14 min

Lab File: VU036004.D

Acq: 05 Dec 2019 19:33

Instrument :

MSVOA_U

ClientSampleId :

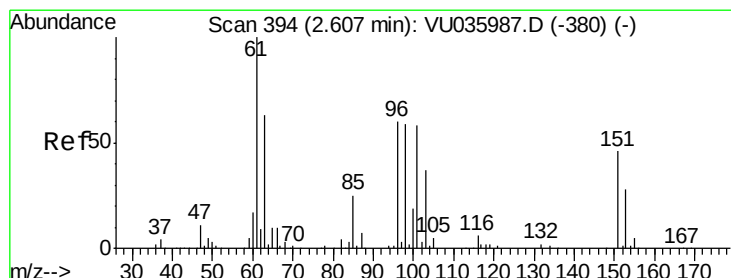
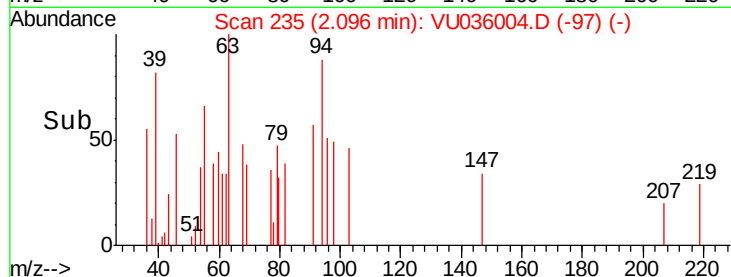
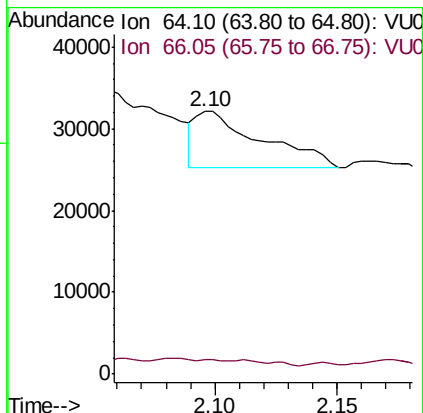
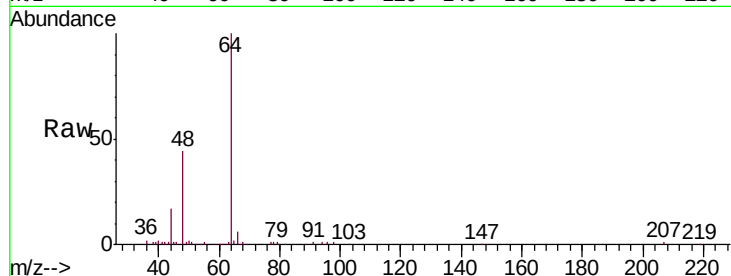
BFQR8

Tgt Ion: 64 Resp: 12963

Ion Ratio Lower Upper

64 100

66 5.5 22.0 40.8#



#12

1,1-Dichloroethene

Concen: 0.077 ug/L

RT: 2.59 min Scan# 388

Delta R.T. -0.02 min

Lab File: VU036004.D

Acq: 05 Dec 2019 19:33

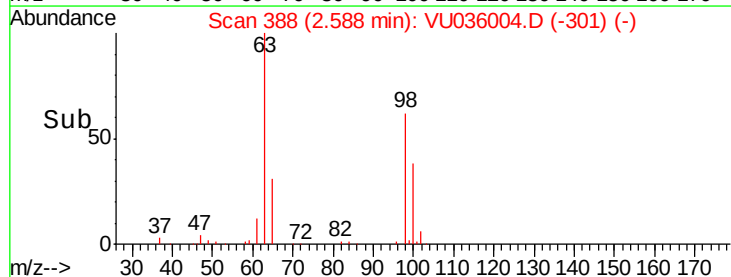
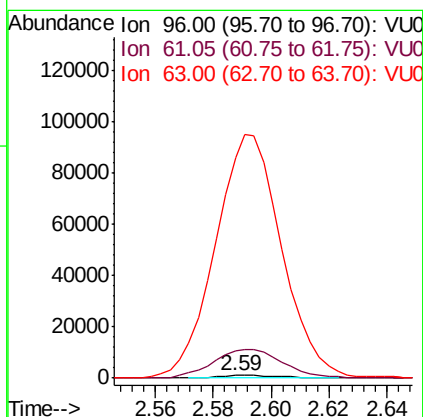
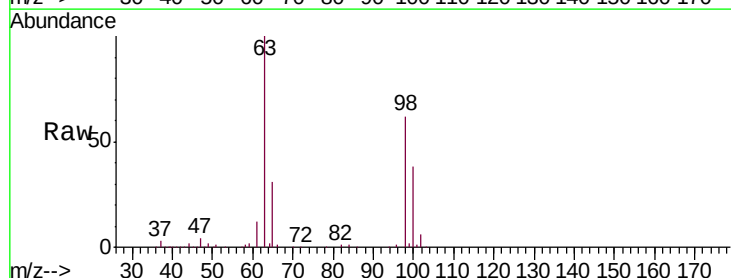
Tgt Ion: 96 Resp: 1571

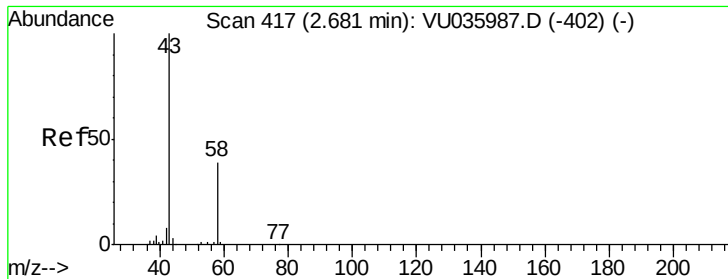
Ion Ratio Lower Upper

96 100

61 983.9 127.1 236.1#

63 8125.8 86.0 159.8#





#13

Acetone

Concen: 2.283 ug/L

RT: 2.70 min Scan# 422

Delta R.T. 0.02 min

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Acq: 05 Dec 2019 19:33

Instrument :

MSVOA_U

ClientSampleId :

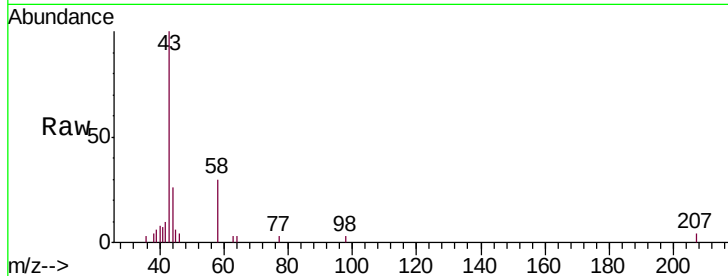
BFQR8

Tgt Ion: 43 Resp: 11938

Ion Ratio Lower Upper

43 100

58 24.8 0.0 68.6



Abundance Ion 43.05 (42.75 to 43.75): VU035987.D (-402) (-)

Ion 58.05 (57.75 to 58.75): VU035987.D (-402) (-)

2.70

4000

3000

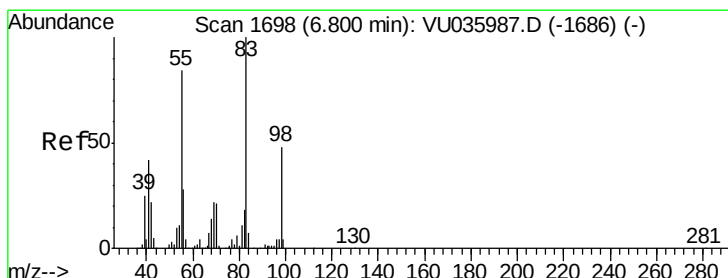
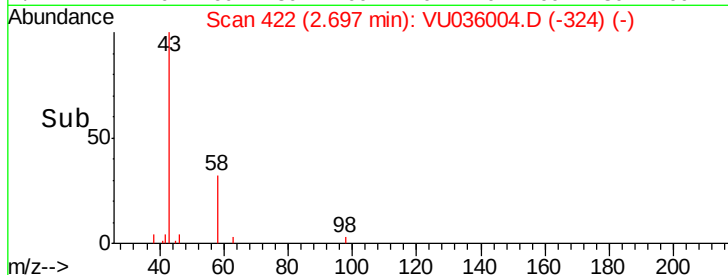
2000

1000

0

Time-->

2.65 2.70 2.75



#35

Methylcyclohexane

Concen: 0.888 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.07 min

Lab File: VU036004.D

Acq: 05 Dec 2019 19:33

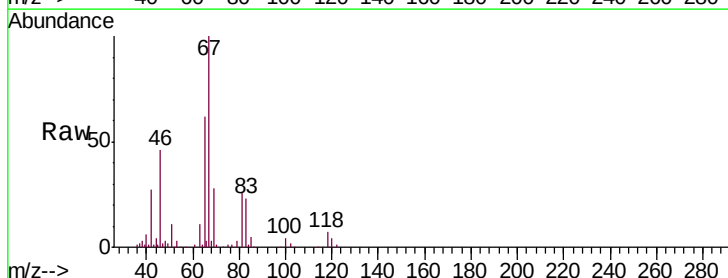
Tgt Ion: 83 Resp: 32510

Ion Ratio Lower Upper

83 100

55 0.6 67.4 101.0#

98 0.5 34.6 52.0#



Abundance Ion 83.15 (82.85 to 83.85): VU035987.D (-1686) (-)

Ion 55.10 (54.80 to 55.80): VU035987.D (-1686) (-)

Ion 98.15 (97.85 to 98.85): VU035987.D (-1686) (-)

6.73

20000

15000

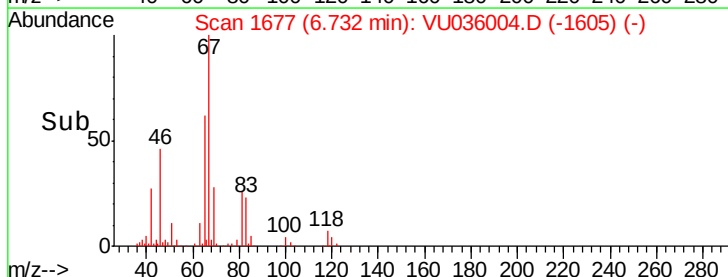
10000

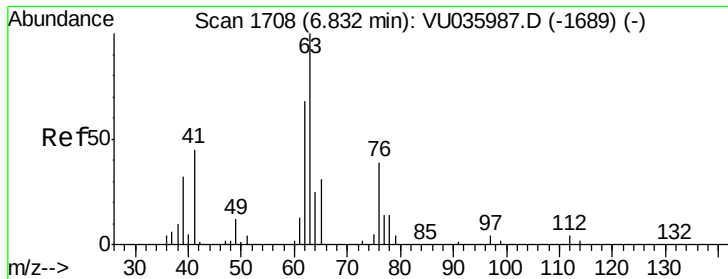
5000

0

Time-->

6.65 6.70 6.75 6.80

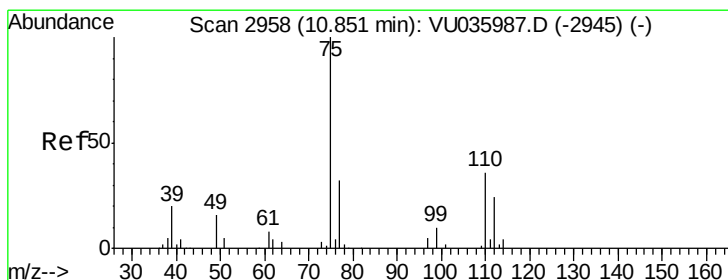
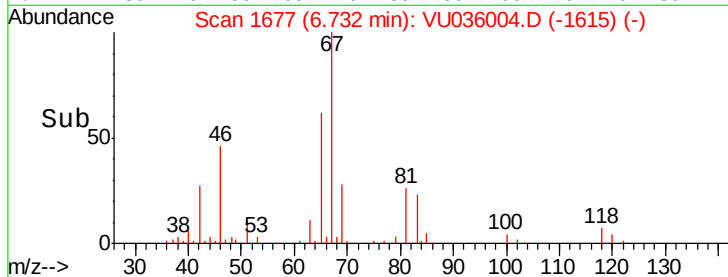
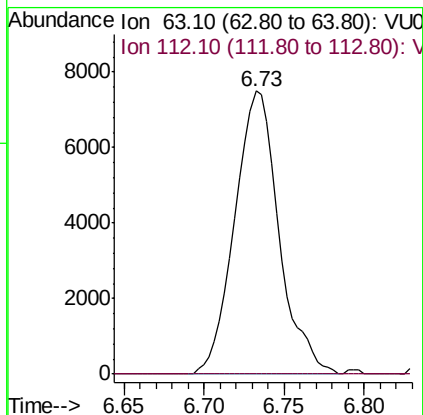
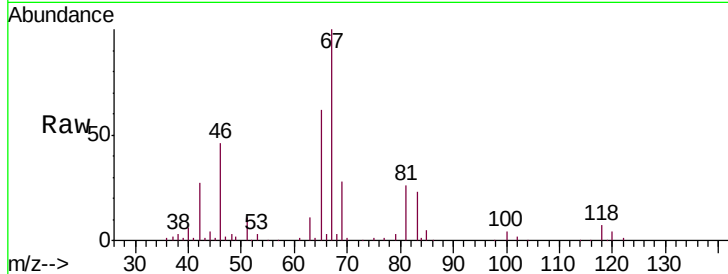




#37
 1,2-Dichloropropane
 Concen: 0.542 ug/L
 RT: 6.73 min Scan# 1677
 Delta R.T. -0.10 min
 Lab File: VU036004.D
 Acq: 05 Dec 2019 19:33

Instrument :
 MSVOA_U
 ClientSampleId :
 BFQR8

Tgt Ion: 63 Resp: 14156
 Ion Ratio Lower Upper
 63 100
 112 0.1 3.3 4.9#



#59
 1,2,3-Trichloropropane
 Concen: 0.762 ug/L
 RT: 11.83 min Scan# 3263
 Delta R.T. 0.98 min
 Lab File: VU036004.D
 Acq: 05 Dec 2019 19:33

Tgt Ion: 75 Resp: 12938
 Ion Ratio Lower Upper
 75 100
 77 38.5 26.6 39.8

