

Data File : VU036027.D
Acq On : 06 Dec 2019 16:53
Operator : JC/SP
Sample : K6167-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFQY5

Quant Time: Dec 06 22:36:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 06 22:30:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	278052	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	295864	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	98341	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	104488	3.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.00%
7) Chloroethane-d5	1.93	69	122628	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.59	63	128191	2.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.40%#
20) 2-Butanone-d5	4.69	46	280572	49.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.98%
24) Chloroform-d	5.11	84	193342	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.75	65	105957	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
32) Benzene-d6	5.77	84	372183	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
36) 1,2-Dichloropropane-d6	6.73	67	121557	4.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.80%
41) Toluene-d8	7.93	98	299445	3.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.20%
43) trans-1,3-Dichloropropene-	8.22	79	45067	3.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.60%
46) 2-Hexanone-d5	8.68	63	215811	47.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.76%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	111243	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	102962	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

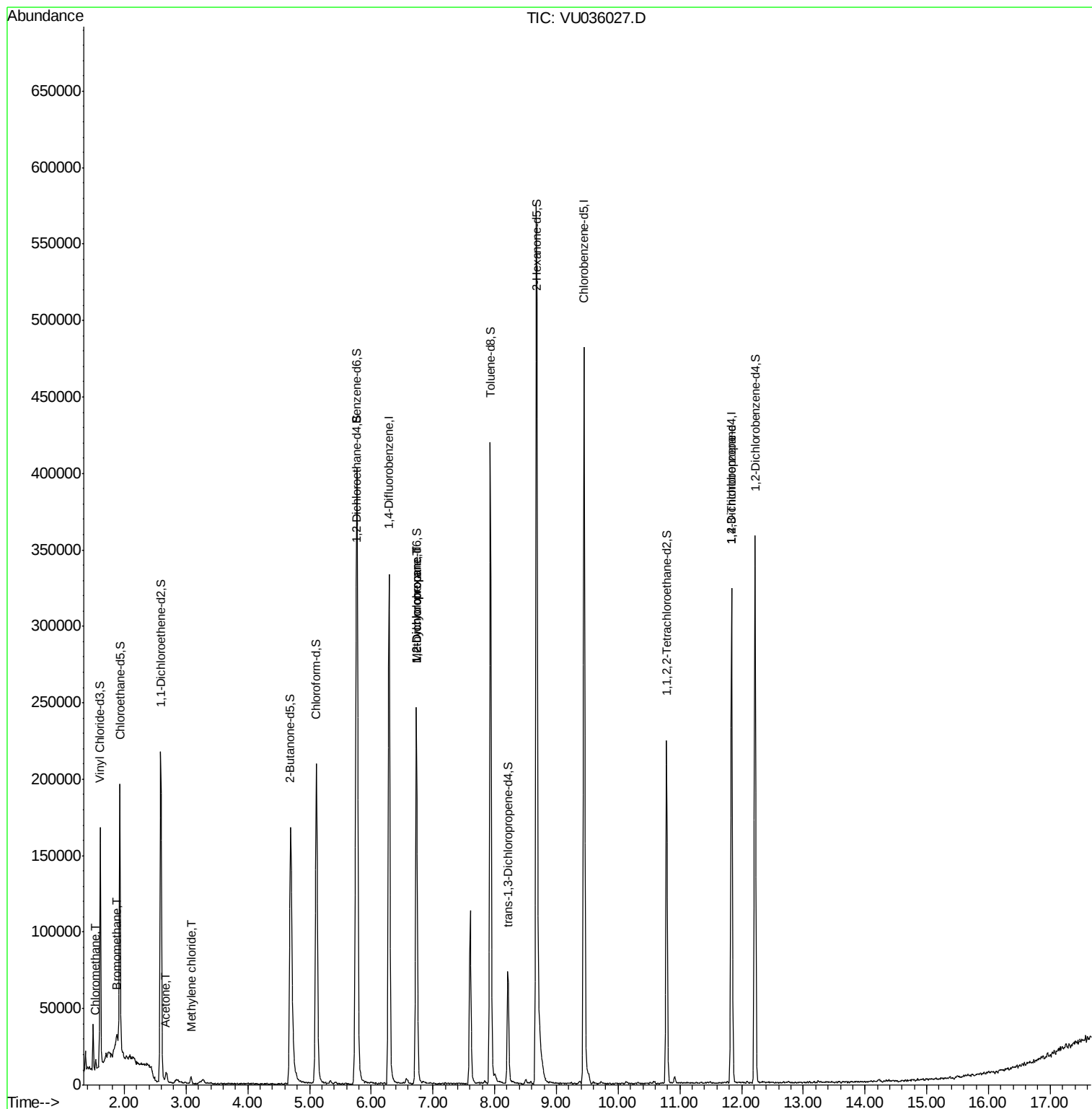
					Qvalue
3) Chloromethane	1.54	50	4811	0.146 ug/L	84
6) Bromomethane	1.87	94	1984	0.104 ug/L	86
13) Acetone	2.67	43	5344	1.053 ug/L	78
16) Methylene chloride	3.08	84	2429	0.079 ug/L	76
35) Methylcyclohexane	6.73	83	28629	0.811 ug/L #	17
37) 1,2-Dichloropropane	6.73	63	12162	0.483 ug/L #	88
59) 1,2,3-Trichloropropane	11.83	75	9866	0.602 ug/L #	84

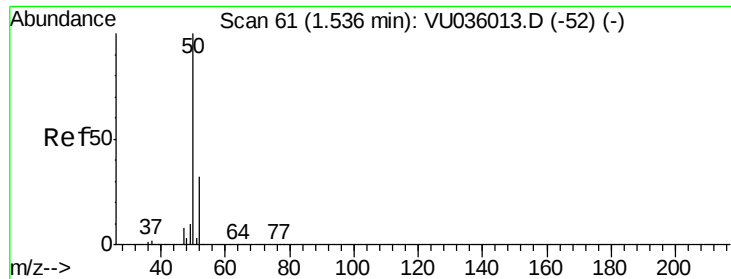
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.146 ug/L

RT: 1.54 min Scan# 61

Delta R.T. -0.00 min

Lab File: VU036027.D

Acq: 06 Dec 2019 16:53

Instrument :

MSVOA_U

ClientSampleId :

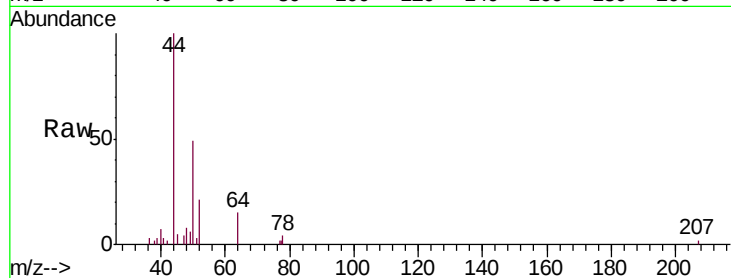
BFQY5

Tgt Ion: 50 Resp: 4811

Ion Ratio Lower Upper

50 100

52 41.9 23.1 42.9



Abundance Ion 50.05 (49.75 to 50.75): VU036013.D (-52) (-)

Ion 52.05 (51.75 to 52.75): VU036013.D (-52) (-)

1.54

3000

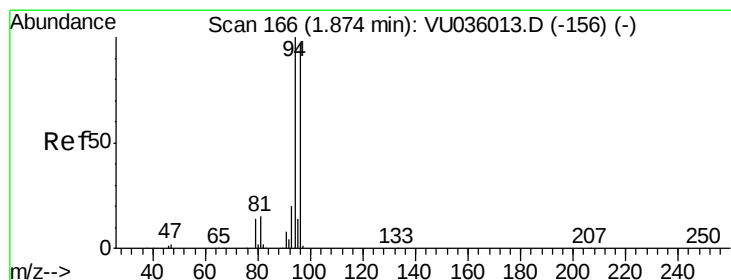
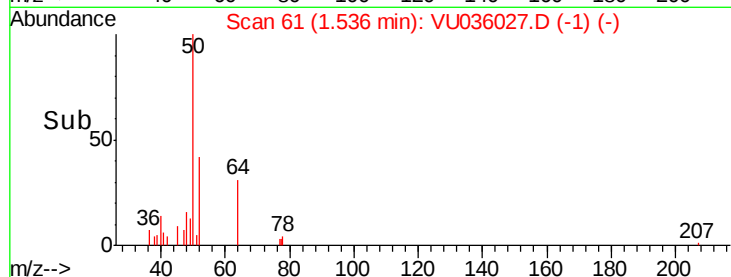
2000

1000

0

1.50 1.55 1.60

Time-->



#6

Bromomethane

Concen: 0.104 ug/L

RT: 1.87 min Scan# 166

Delta R.T. -0.00 min

Lab File: VU036027.D

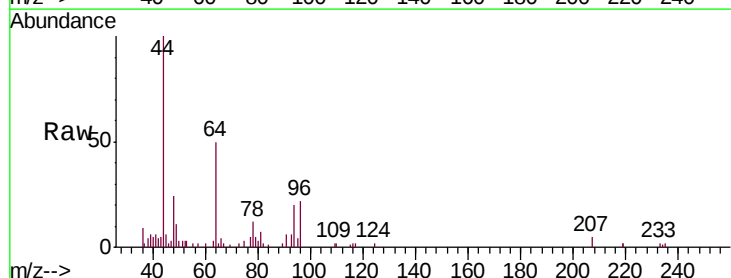
Acq: 06 Dec 2019 16:53

Tgt Ion: 94 Resp: 1984

Ion Ratio Lower Upper

94 100

96 110.1 67.3 124.9



Abundance Ion 94.00 (93.70 to 94.70): VU036013.D (-156) (-)

Ion 96.00 (95.70 to 96.70): VU036013.D (-156) (-)

1.87

2000

1500

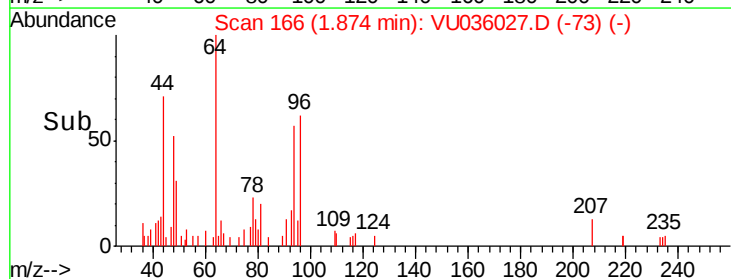
1000

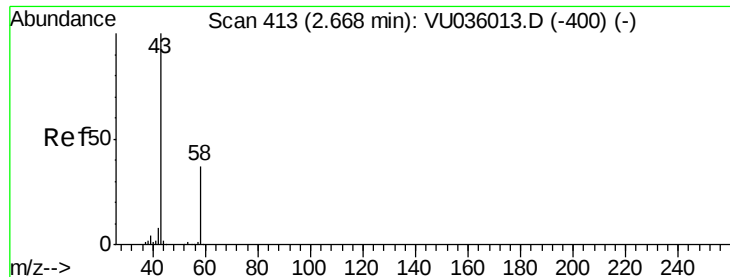
500

0

1.85 1.90

Time-->





#13

Acetone

Concen: 1.053 ug/L

RT: 2.67 min Scan# 415

Delta R.T. 0.01 min

Lab File: VU036027.D

Acq: 06 Dec 2019 16:53

Instrument :

MSVOA_U

ClientSampleId :

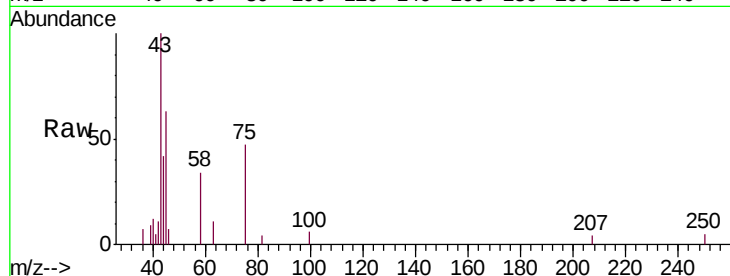
BFQY5

Tgt Ion: 43 Resp: 5344

Ion Ratio Lower Upper

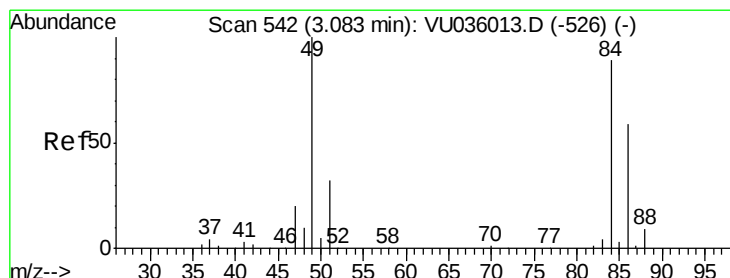
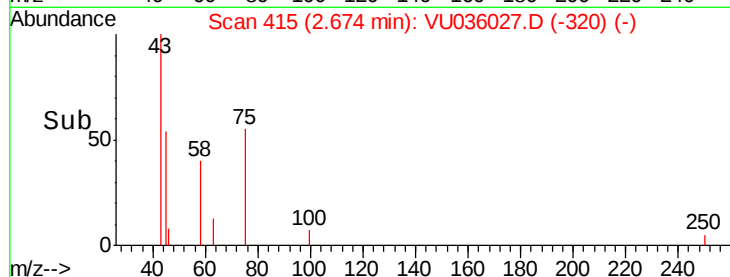
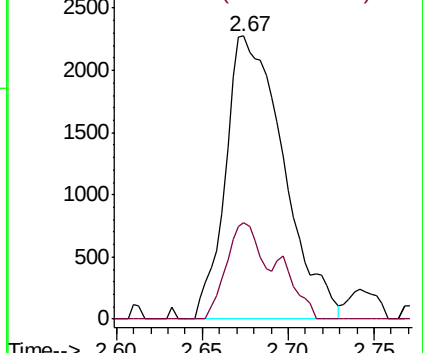
43 100

58 21.4 0.0 68.6



Abundance Ion 43.05 (42.75 to 43.75): VU036027.D (-449) (-)

Ion 58.05 (57.75 to 58.75): VU036027.D (-449) (-)



#16

Methylene chloride

Concen: 0.079 ug/L

RT: 3.08 min Scan# 542

Delta R.T. -0.00 min

Lab File: VU036027.D

Acq: 06 Dec 2019 16:53

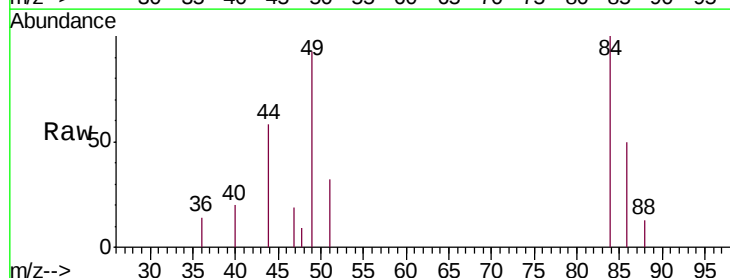
Tgt Ion: 84 Resp: 2429

Ion Ratio Lower Upper

84 100

86 50.1 44.7 82.9

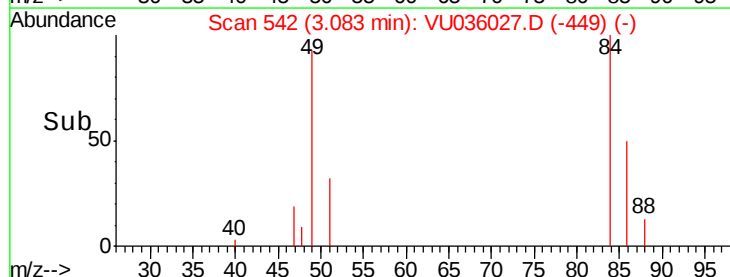
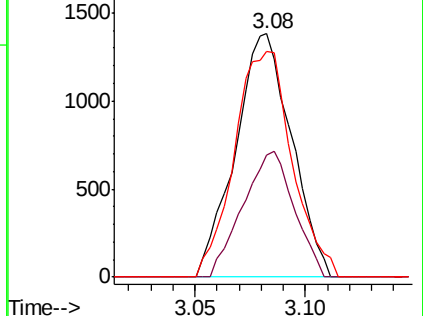
49 92.6 86.2 160.2

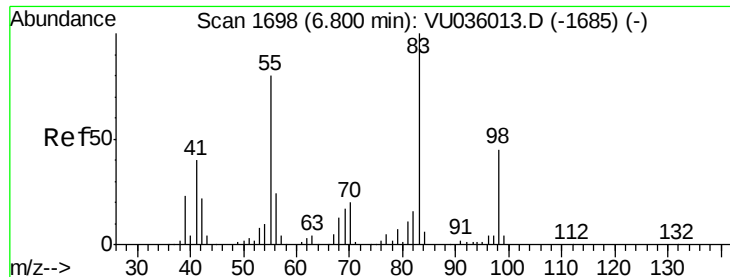


Abundance Ion 84.05 (83.75 to 84.75): VU036027.D (-449) (-)

Ion 86.00 (85.70 to 86.70): VU036027.D (-449) (-)

Ion 49.10 (48.80 to 49.80): VU036027.D (-449) (-)





#35

Methylcyclohexane

Concen: 0.811 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.07 min

Lab File: VU036027.D

Acq: 06 Dec 2019 16:53

Instrument :

MSVOA_U

ClientSampleId :

BFQY5

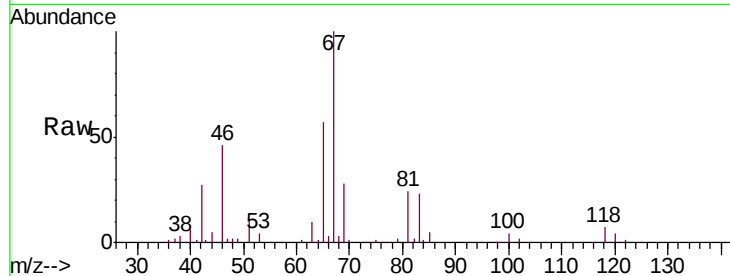
Tgt Ion: 83 Resp: 28629

Ion Ratio Lower Upper

83 100

55 0.4 67.4 101.0#

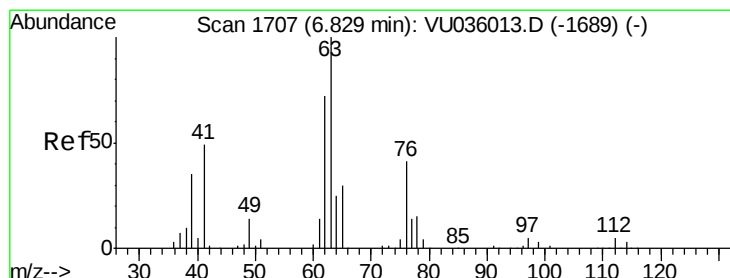
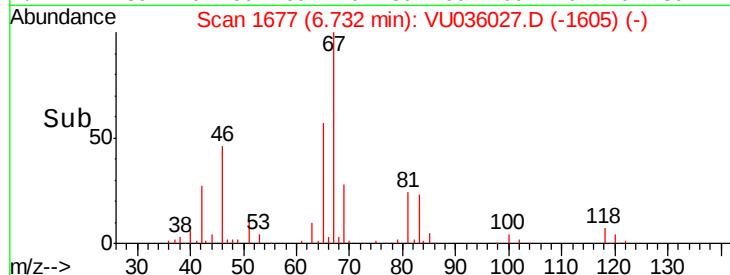
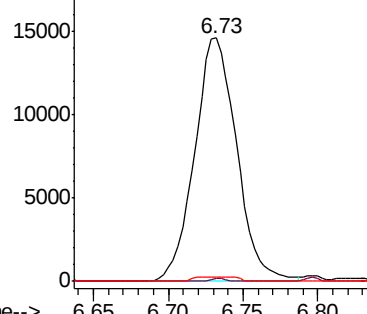
98 0.8 34.6 52.0#



Abundance Ion 83.15 (82.85 to 83.85): VU036027.D (-1677) (-)

Ion 55.10 (54.80 to 55.80): VU036027.D (-1677) (-)

Ion 98.15 (97.85 to 98.85): VU036027.D (-1677) (-)



#37

1,2-Dichloropropane

Concen: 0.483 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.10 min

Lab File: VU036027.D

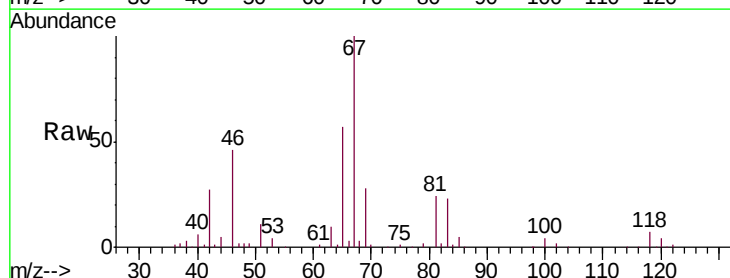
Acq: 06 Dec 2019 16:53

Tgt Ion: 63 Resp: 12162

Ion Ratio Lower Upper

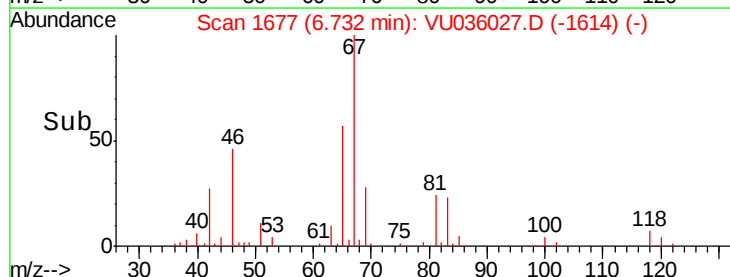
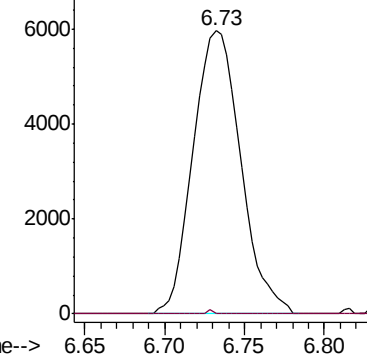
63 100

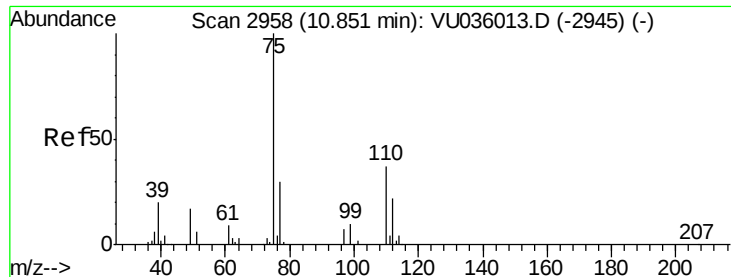
112 0.2 3.3 4.9#



Abundance Ion 63.10 (62.80 to 63.80): VU036027.D (-1677) (-)

Ion 112.10 (111.80 to 112.80): VU036027.D (-1677) (-)





#59

1,2,3-Trichloropropane

Concen: 0.602 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.98 min

Lab File: VU036027.D

Acq: 06 Dec 2019 16:53

Instrument :

MSVOA_U

ClientSampleId :

BFQY5

Tgt Ion: 75 Resp: 9866

Ion Ratio Lower Upper

75 100

77 42.5 26.6 39.8#

