

Data File : VU036017.D
Acq On : 06 Dec 2019 12:23
Operator : JC/SP
Sample : K6132-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFQR7

Quant Time: Dec 06 22:33:57 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	275470	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	300733	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	107676	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	115650	3.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.60%
7) Chloroethane-d5	1.93	69	110837	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.00%
11) 1,1-Dichloroethene-d2	2.59	63	134512	2.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.60%#
20) 2-Butanone-d5	4.70	46	252146	45.34	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.68%
24) Chloroform-d	5.11	84	196805	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.75	65	104146	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
32) Benzene-d6	5.77	84	376033	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
36) 1,2-Dichloropropane-d6	6.73	67	121223	4.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.20%
41) Toluene-d8	7.93	98	307251	3.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.00%
43) trans-1,3-Dichloropropene-	8.21	79	41010	3.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.40%
46) 2-Hexanone-d5	8.68	63	195088	42.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.16%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	106329	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	112045	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

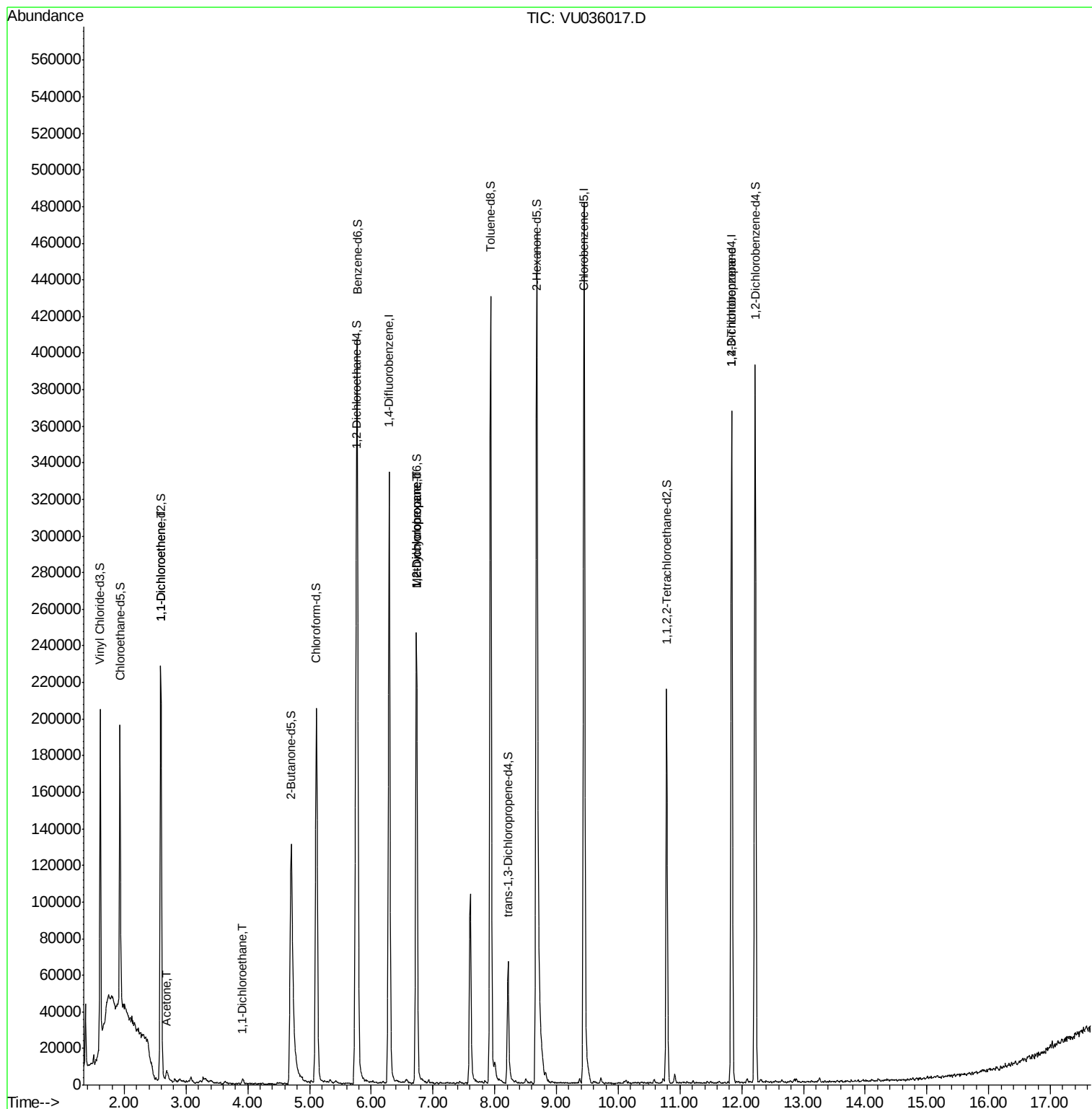
Target Compounds					Qvalue
12) 1,1-Dichloroethene	2.59	96	1198	0.061 ug/L #	1
13) Acetone	2.69	43	10170	2.023 ug/L	78
19) 1,1-Dichloroethane	3.92	63	3311	0.081 ug/L #	87
35) Methylcyclohexane	6.73	83	28668	0.799 ug/L #	16
37) 1,2-Dichloropropane	6.74	63	12045	0.470 ug/L #	88
59) 1,2,3-Trichloropropane	11.84	75	12365	0.743 ug/L	99

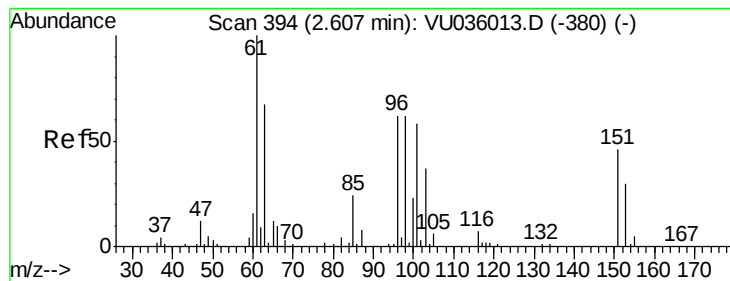
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.061 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU036017.D

Acq: 06 Dec 2019 12:23

Instrument :

MSVOA_U

ClientSampleId :

BFQR7

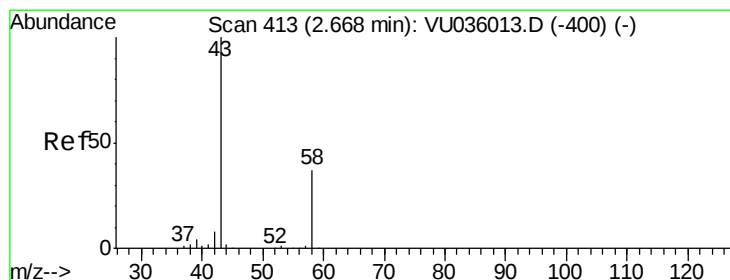
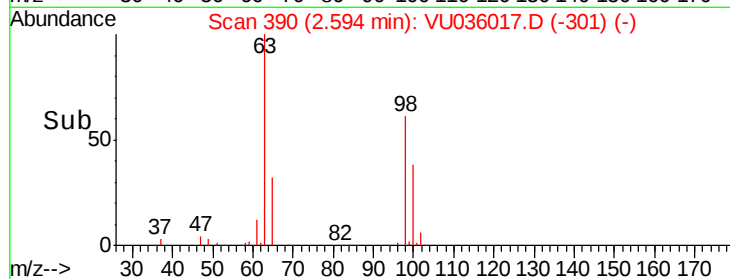
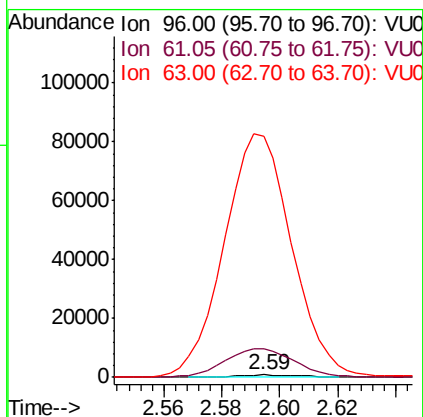
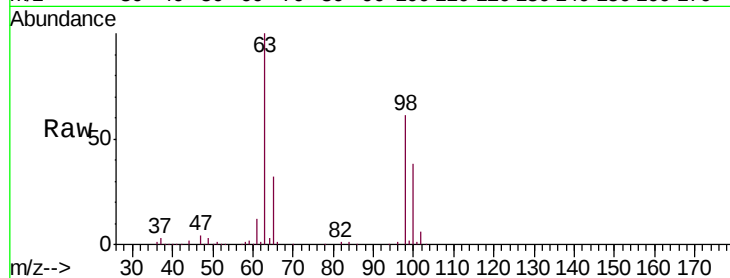
Tgt Ion: 96 Resp: 1198

Ion Ratio Lower Upper

96 100

61 1196.0 127.1 236.1#

63 10174.0 86.0 159.8#



#13

Acetone

Concen: 2.023 ug/L

RT: 2.69 min Scan# 419

Delta R.T. 0.02 min

Lab File: VU036017.D

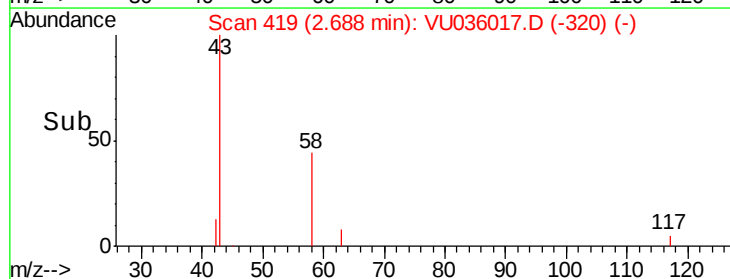
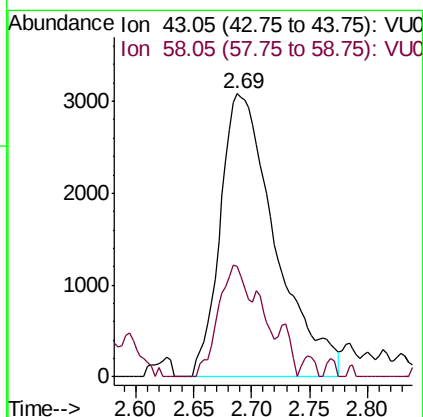
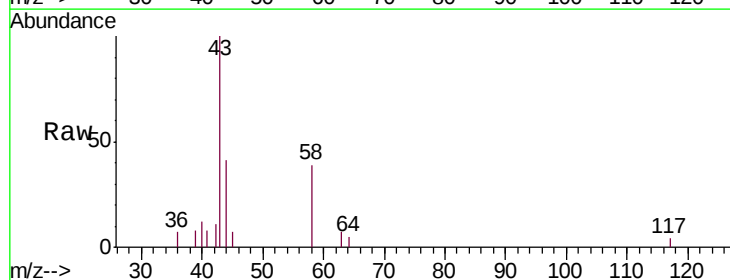
Acq: 06 Dec 2019 12:23

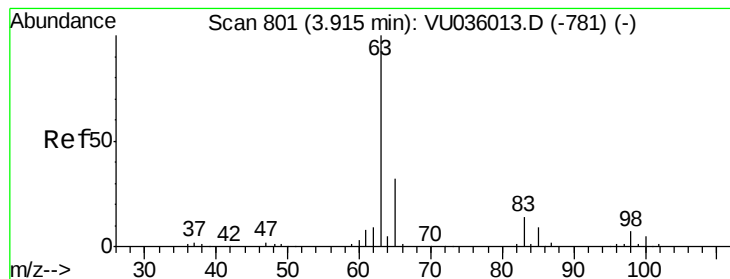
Tgt Ion: 43 Resp: 10170

Ion Ratio Lower Upper

43 100

58 21.5 0.0 68.6





#19

1,1-Dichloroethane

Concen: 0.081 ug/L

RT: 3.92 min Scan# 801

Delta R.T. 0.00 min

Lab File: VU036017.D

Acq: 06 Dec 2019 12:23

Instrument :

MSVOA_U

ClientSampleId :

BFQR7

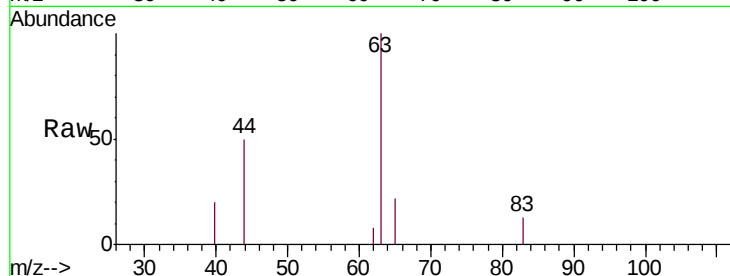
Tgt Ion: 63 Resp: 3311

Ion Ratio Lower Upper

63 100

65 21.8 22.4 41.6#

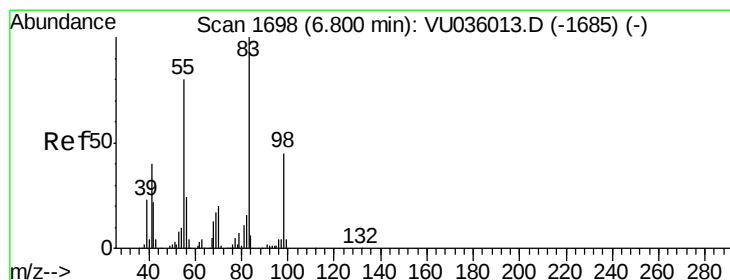
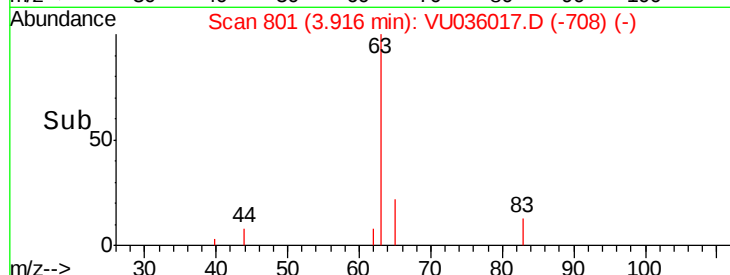
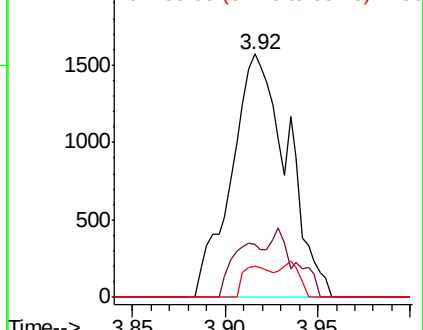
83 13.0 9.8 18.2



Abundance Ion 63.10 (62.80 to 63.80): VU036017.D (-781) (-)

Ion 65.10 (64.80 to 65.80): VU036017.D (-781) (-)

Ion 83.05 (82.75 to 83.75): VU036017.D (-781) (-)



#35

Methylcyclohexane

Concen: 0.799 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.07 min

Lab File: VU036017.D

Acq: 06 Dec 2019 12:23

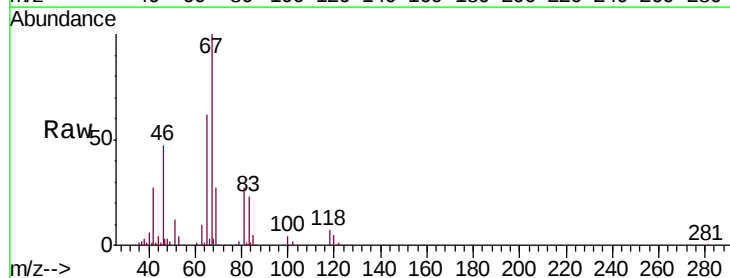
Tgt Ion: 83 Resp: 28668

Ion Ratio Lower Upper

83 100

55 0.3 67.4 101.0#

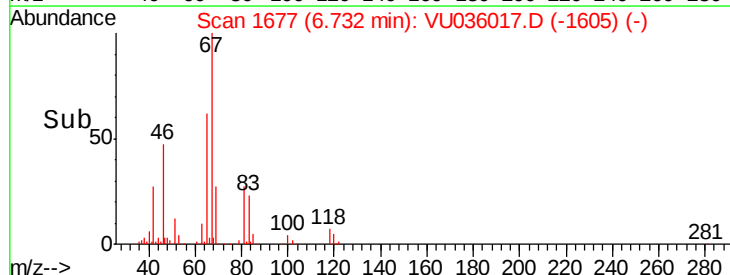
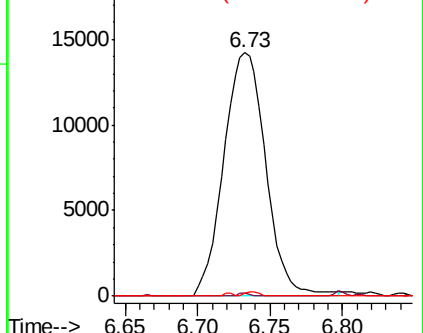
98 0.6 34.6 52.0#

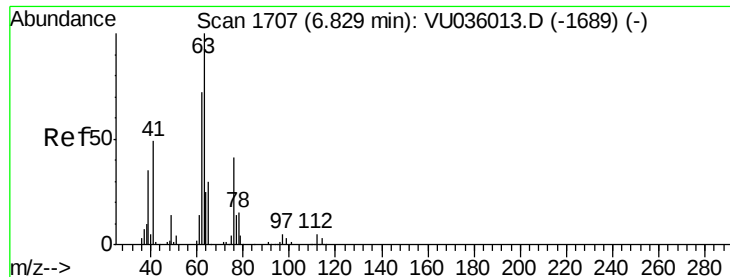


Abundance Ion 83.15 (82.85 to 83.85): VU036017.D (-1685) (-)

Ion 55.10 (54.80 to 55.80): VU036017.D (-1685) (-)

Ion 98.15 (97.85 to 98.85): VU036017.D (-1685) (-)





#37

1,2-Dichloropropane

Concen: 0.470 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.09 min

Lab File: VU036017.D

Acq: 06 Dec 2019 12:23

Instrument :

MSVOA_U

ClientSampleId :

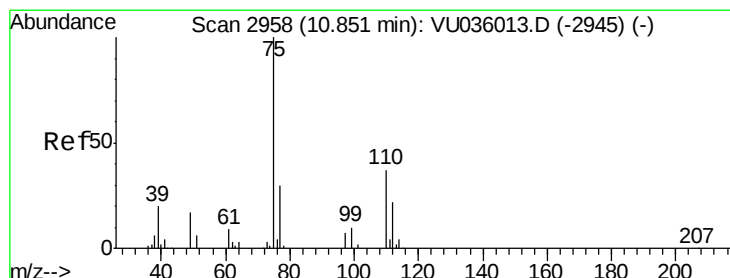
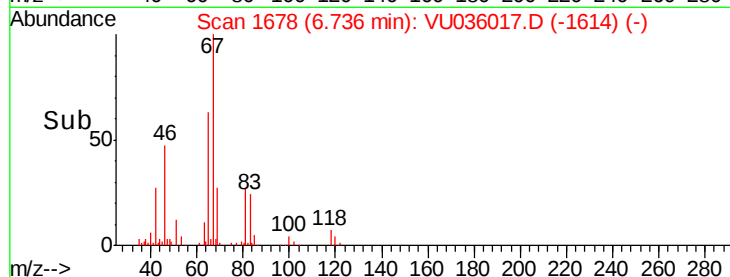
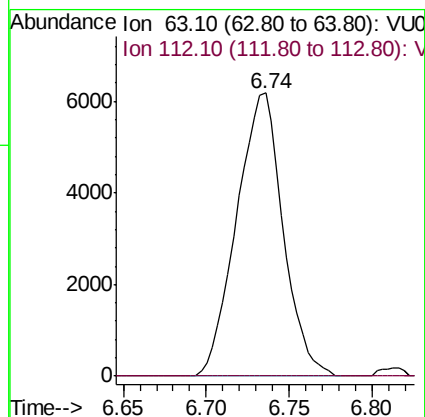
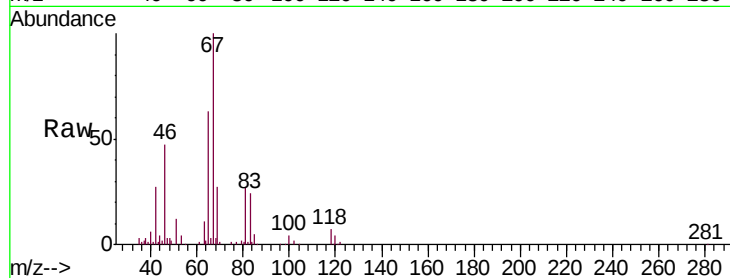
BFQR7

Tgt Ion: 63 Resp: 12045

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#59

1,2,3-Trichloropropane

Concen: 0.743 ug/L

RT: 11.84 min Scan# 3265

Delta R.T. 0.99 min

Lab File: VU036017.D

Acq: 06 Dec 2019 12:23

Tgt Ion: 75 Resp: 12365

Ion Ratio Lower Upper

75 100

77 33.9 26.6 39.8

