

Data File : VU035994.D
Acq On : 05 Dec 2019 15:09
Operator : JC/SP
Sample : K6132-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFQX5

Quant Time: Dec 06 01:00:58 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	270640	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	293086	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	87087	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	123941	4.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.40%
7) Chloroethane-d5	1.93	69	108391	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.60%
11) 1,1-Dichloroethene-d2	2.59	63	142734	3.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.40%
20) 2-Butanone-d5	4.69	46	236555	43.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.60%
24) Chloroform-d	5.11	84	206397	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.75	65	107993	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.77	84	384726	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.74	67	124815	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.80%
41) Toluene-d8	7.93	98	309100	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.40%
43) trans-1,3-Dichloropropene-	8.21	79	48259	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	8.68	63	171761	38.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.94%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	105906	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	93087	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

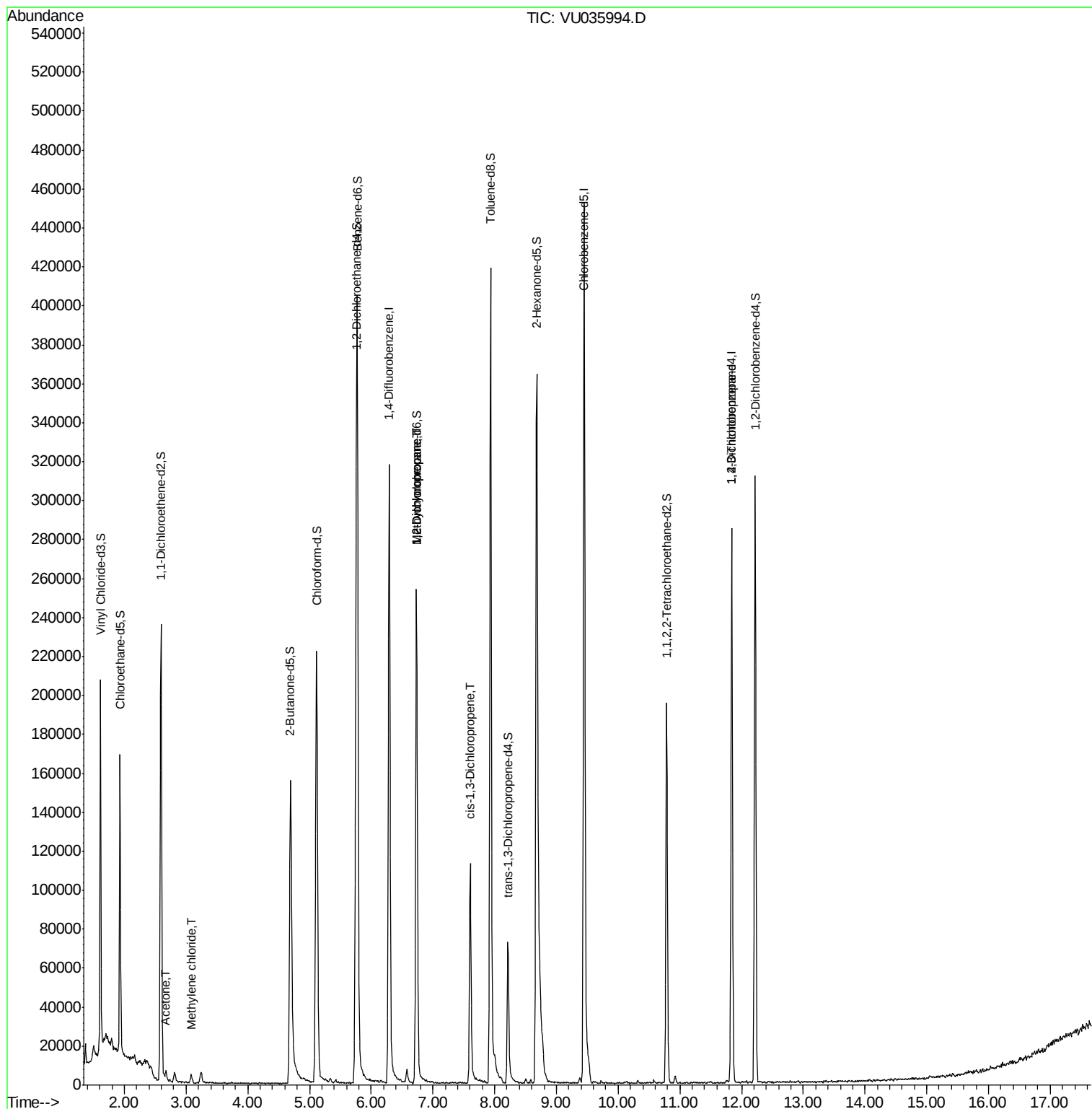
					Qvalue
13) Acetone	2.67	43	5214	1.056 ug/L	95
16) Methylene chloride	3.08	84	2073	0.069 ug/L	95
35) Methylcyclohexane	6.73	83	29192	0.835 ug/L #	16
37) 1,2-Dichloropropane	6.73	63	13501	0.541 ug/L #	89
39) cis-1,3-Dichloropropene	7.60	75	2933	0.089 ug/L #	35
59) 1,2,3-Trichloropropane	11.84	75	9871	0.609 ug/L #	87

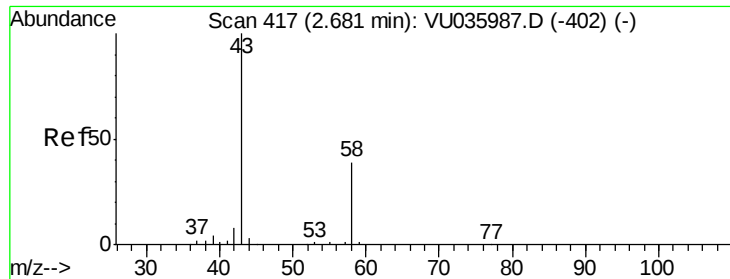
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.056 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.01 min

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Acq: 05 Dec 2019 15:09

Instrument :

MSVOA_U

ClientSampled :

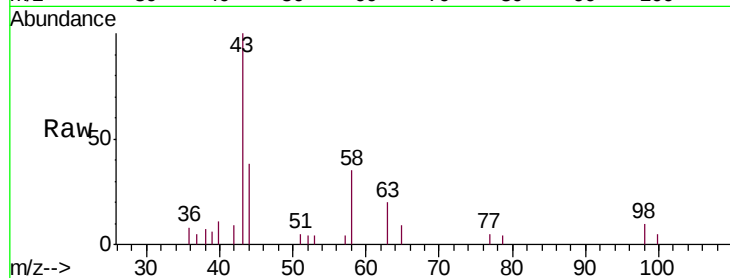
BFQX5

Tgt Ion: 43 Resp: 5214

Ion Ratio Lower Upper

43 100

58 31.3 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) (-)

2.67

2500

2000

1500

1000

500

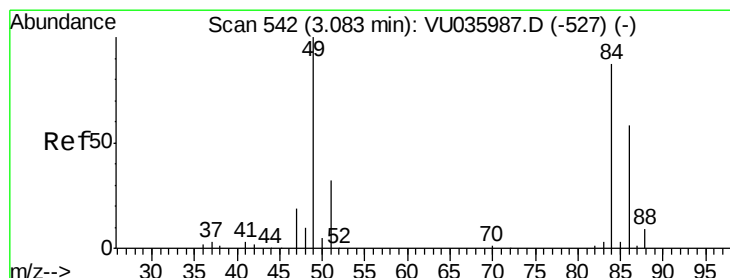
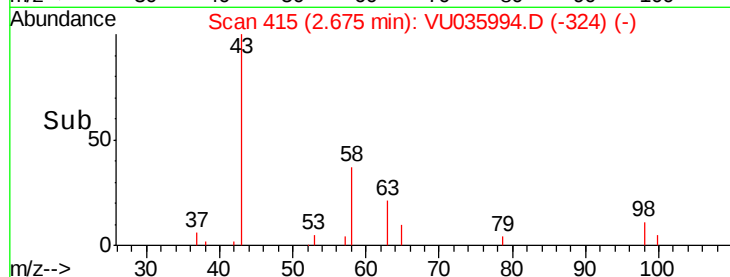
0

Time-->

2.60

2.65

2.70



#16

Methylene chloride

Concen: 0.069 ug/L

RT: 3.08 min Scan# 542

Delta R.T. 0.00 min

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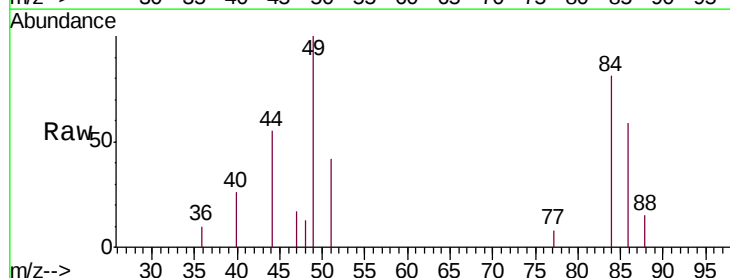
Tgt Ion: 84 Resp: 2073

Ion Ratio Lower Upper

84 100

86 73.2 44.7 82.9

49 124.2 86.2 160.2



Abundance Ion 84.05 (83.75 to 84.75): VU035987.D (-527) (-)

Ion 86.00 (85.70 to 86.70): VU035987.D (-527) (-)

Ion 49.10 (48.80 to 49.80): VU035987.D (-527) (-)

1500

1000

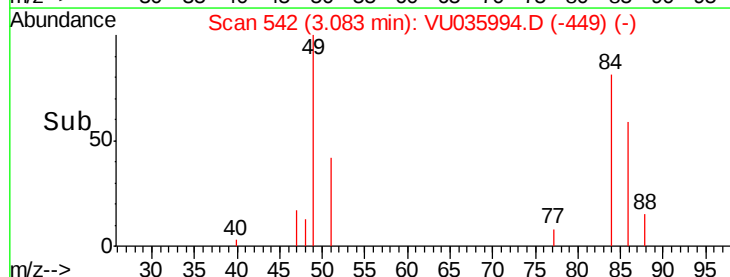
500

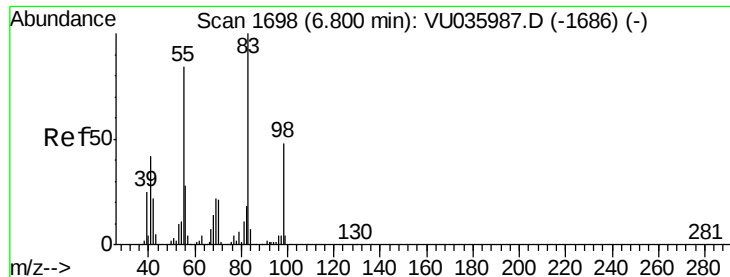
0

Time-->

3.05

3.10

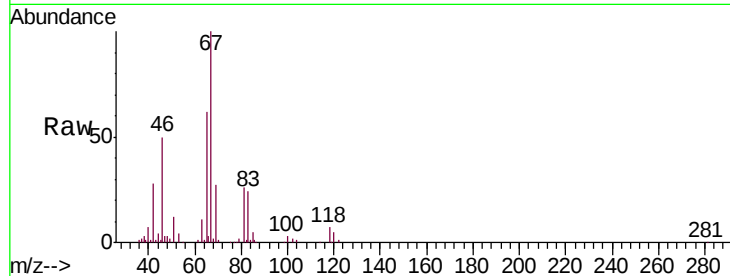




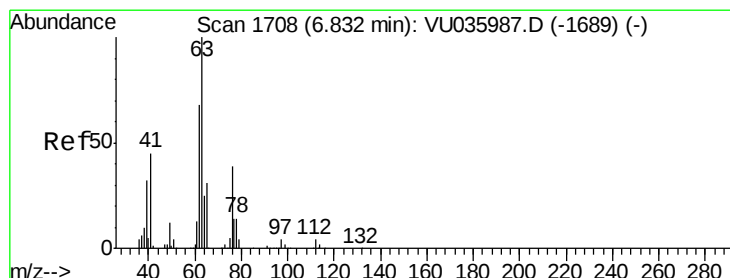
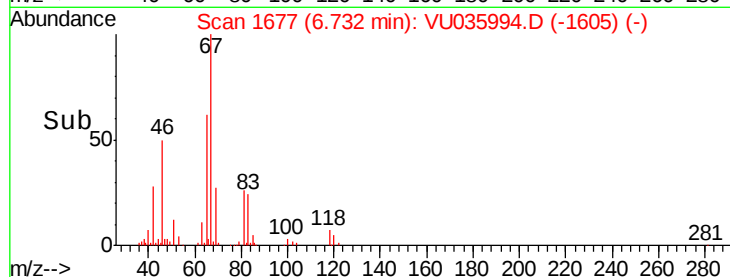
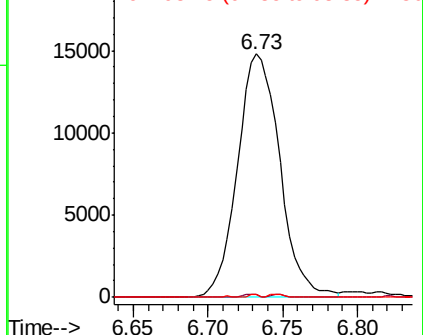
#35
Methylcyclohexane
Concen: 0.835 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU035994.D
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Instrument :
MSVOA_U
ClientSampleId :
BFQX5

Tgt Ion: 83 Resp: 29192
Ion Ratio Lower Upper
83 100
55 0.4 67.4 101.0#
98 0.2 34.6 52.0#

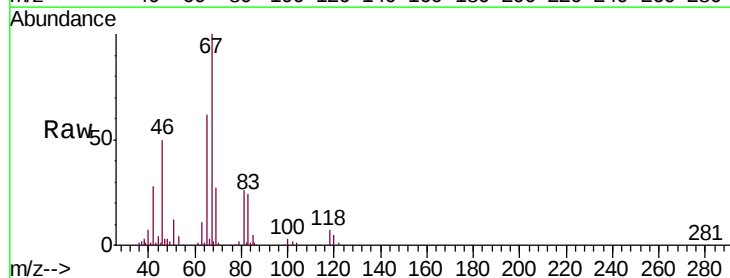


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

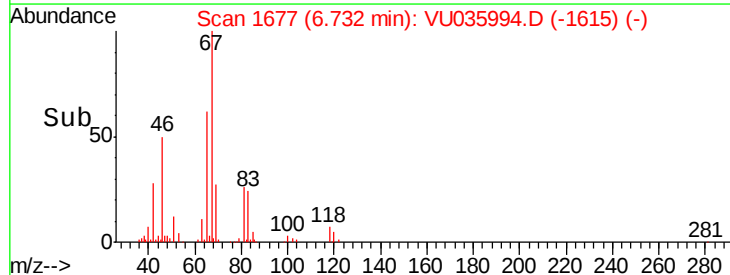
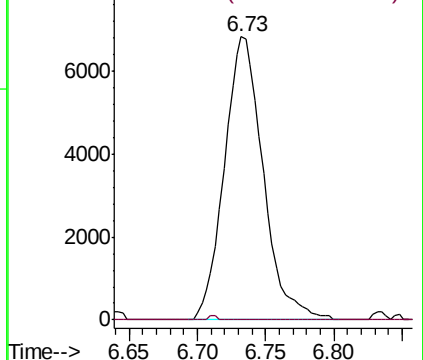


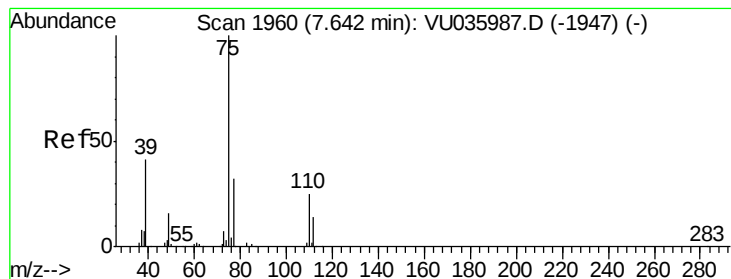
#37
1,2-Dichloropropane
Concen: 0.541 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU035994.D
Acq: 05 Dec 2019 15:09

Tgt Ion: 63 Resp: 13501
Ion Ratio Lower Upper
63 100
112 0.3 3.3 4.9#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.089 ug/L

RT: 7.60 min Scan# 1948

Delta R.T. -0.04 min

Lab File: VU035994.D

Acq: 05 Dec 2019 15:09

Instrument :

MSVOA_U

ClientSampleId :

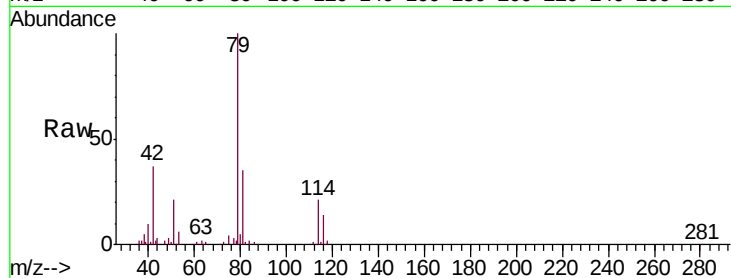
BFQX5

Tgt Ion: 75 Resp: 2933

Ion Ratio Lower Upper

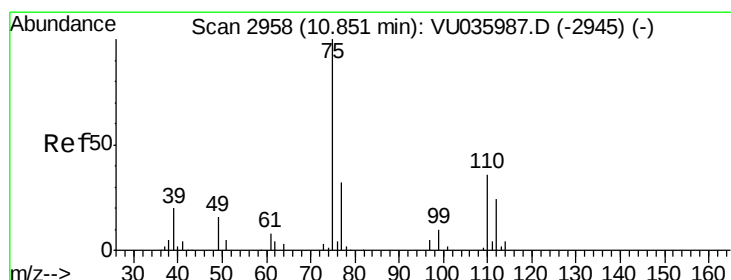
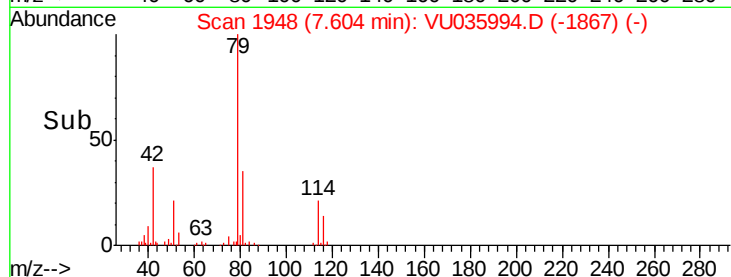
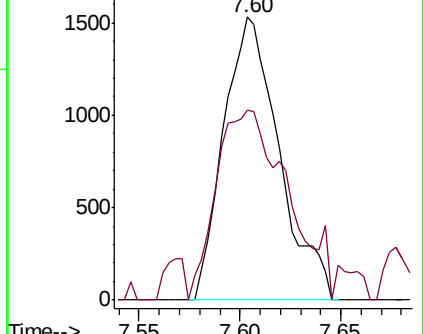
75 100

77 66.9 21.9 40.7#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#59

1,2,3-Trichloropropane

Concen: 0.609 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU035994.D

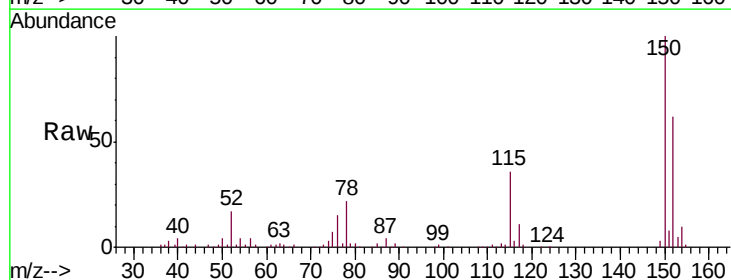
Acq: 05 Dec 2019 15:09

Tgt Ion: 75 Resp: 9871

Ion Ratio Lower Upper

75 100

77 40.8 26.6 39.8#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

