

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121319\
 Data File : VU036216.D
 Acq On : 13 Dec 2019 23:18
 Operator : JC/MD
 Sample : K6240-20
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFQS3

Quant Time: Dec 14 01:23:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 14 01:19:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	227286	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	248020	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	94445	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	95414	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.93	69	90588	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.00%
11) 1,1-Dichloroethene-d2	2.59	63	97171	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	4.70	46	200574	53.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.98%
24) Chloroform-d	5.11	84	160180	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.75	65	87747	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.77	84	291820	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.73	67	96757	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.93	98	234074	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
43) trans-1,3-Dichloropropene-	8.21	79	35164	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.68	63	153983	49.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.64%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	90337	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	97287	5.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.60%

Target Compounds

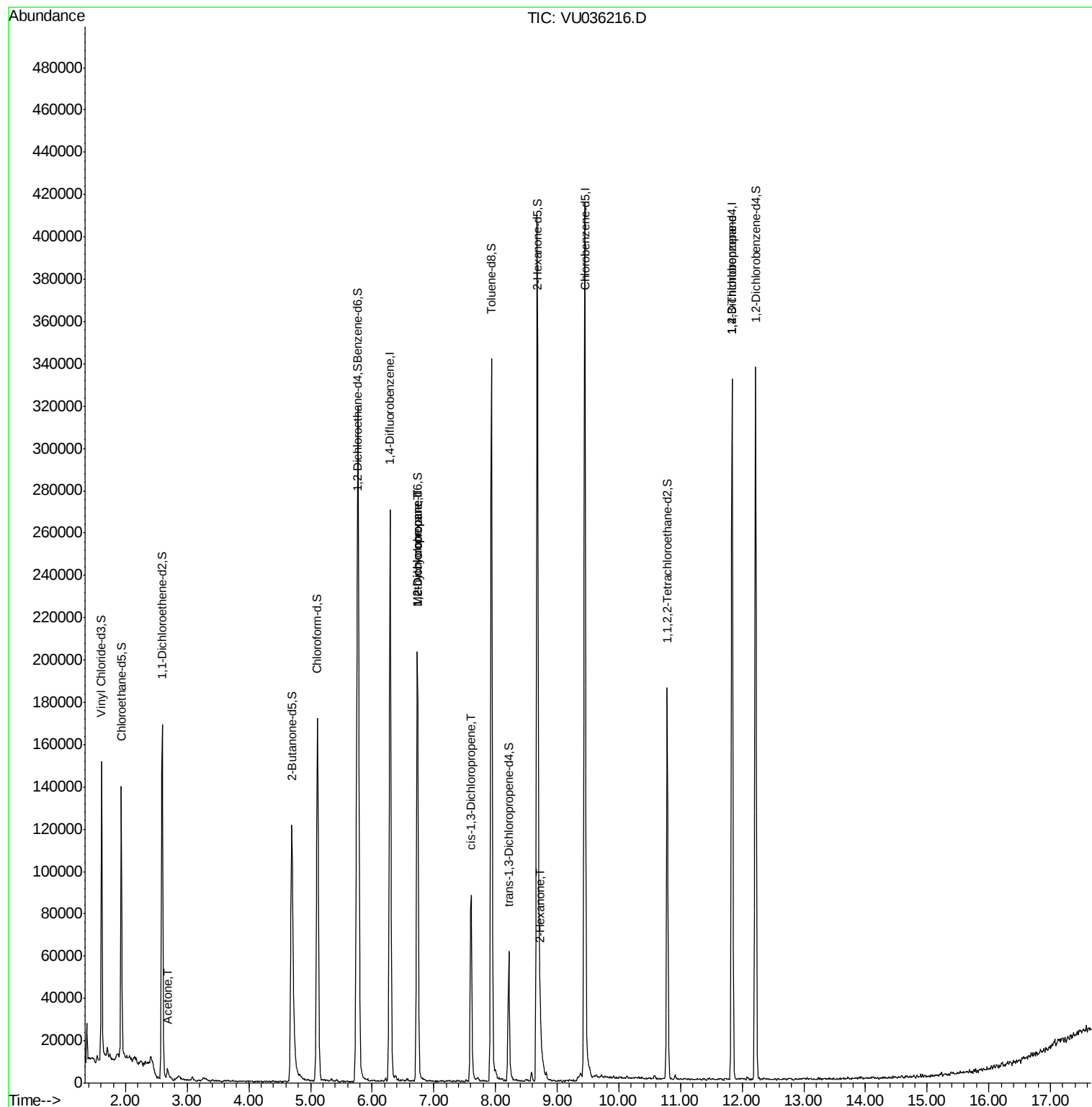
					Ovalue
13) Acetone	2.68	43	6135	1.877 ug/L	94
35) Methylcyclohexane	6.73	83	23071	0.826 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	10785	0.555 ug/L #	87
39) cis-1,3-Dichloropropene	7.60	75	2410	0.091 ug/L #	52
48) 2-Hexanone	8.73	43	8988	1.184 ug/L #	80
59) 1,2,3-Trichloropropane	11.83	75	10028	0.776 ug/L	95

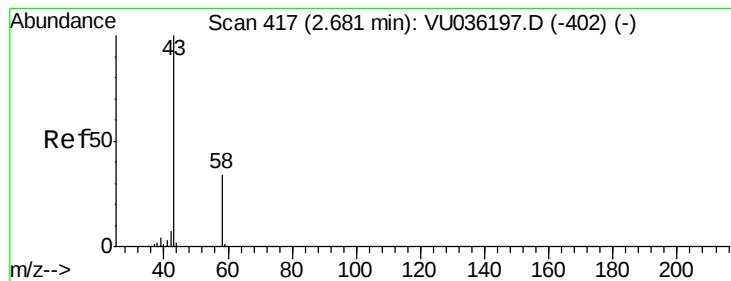
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Dec 14 01:19:01 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.877 ug/L

RT: 2.68 min Scan# 418

Delta R.T. 0.00 min

Lab File: VU036216.D

Acq: 13 Dec 2019 23:18

Instrument :

MSVOA_U

ClientSampled :

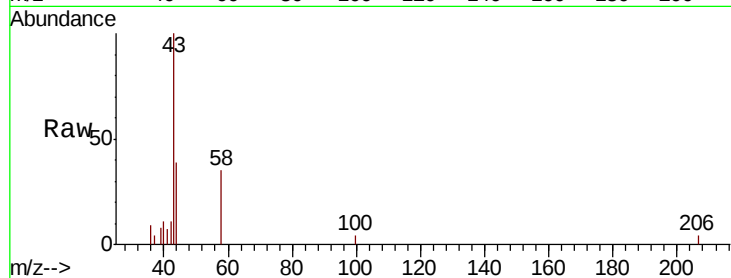
BFQS3

Tot Ion: 43 Resp: 6135

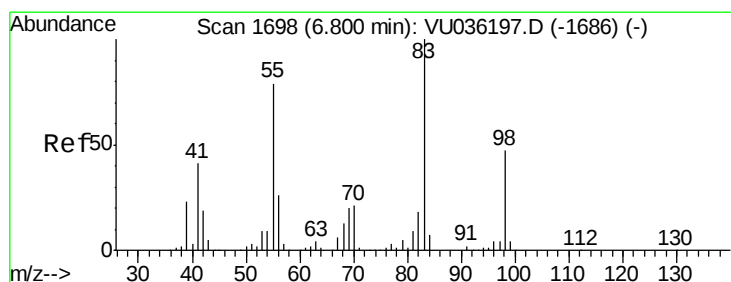
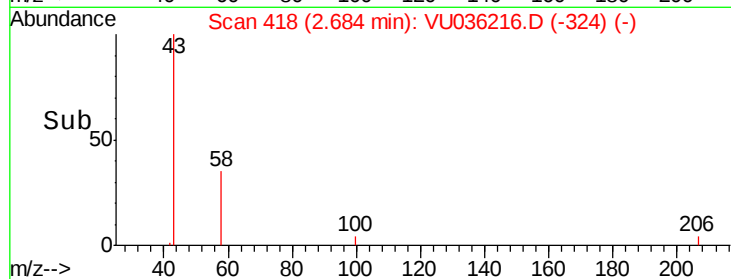
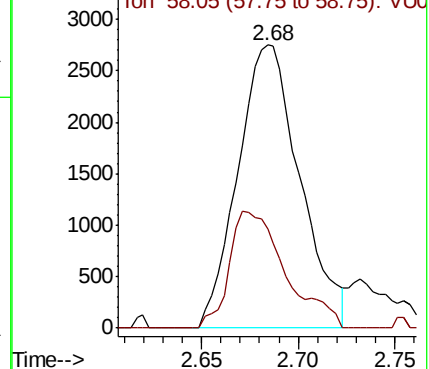
Ion Ratio Lower Upper

43 100

58 37.4 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU036197.D (-402) (-)



#35

Methylcyclohexane

Concen: 0.826 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.07 min

Lab File: VU036216.D

Acq: 13 Dec 2019 23:18

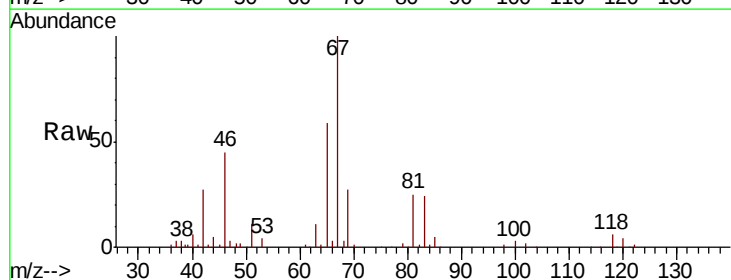
Tgt Ion: 83 Resp: 23071

Ion Ratio Lower Upper

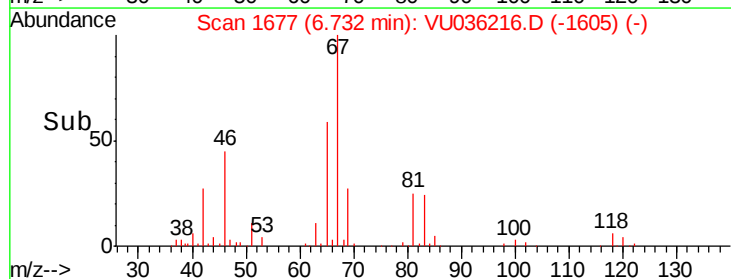
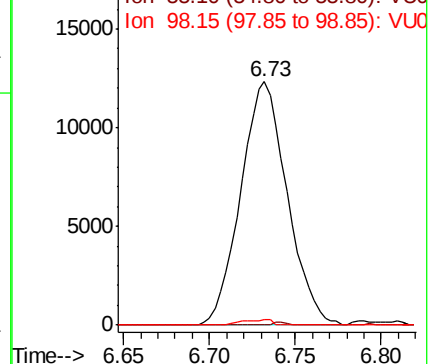
83 100

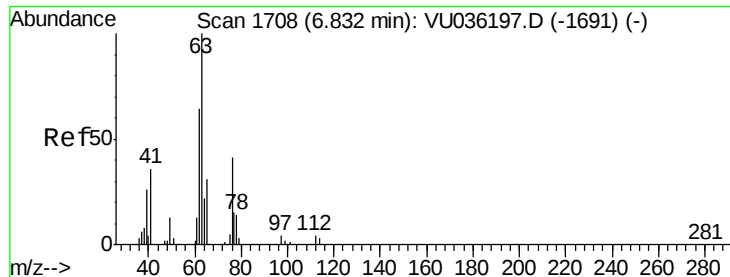
55 0.3 62.6 94.0#

98 1.4 36.2 54.2#



Abundance Ion 83.15 (82.85 to 83.85): VU036197.D (-1686) (-)





#37

1,2-Dichloropropane

Concen: 0.555 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.10 min

Lab File: VU036216.D

Acq: 13 Dec 2019 23:18

Instrument :

MSVOA_U

ClientSampleId :

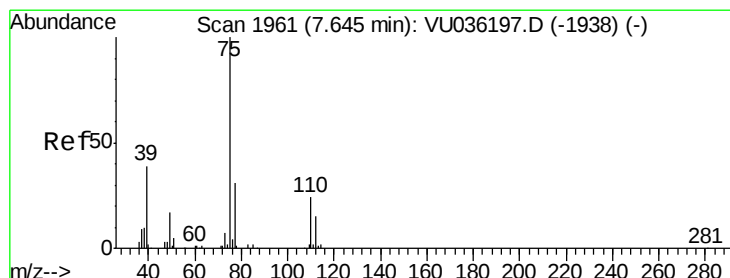
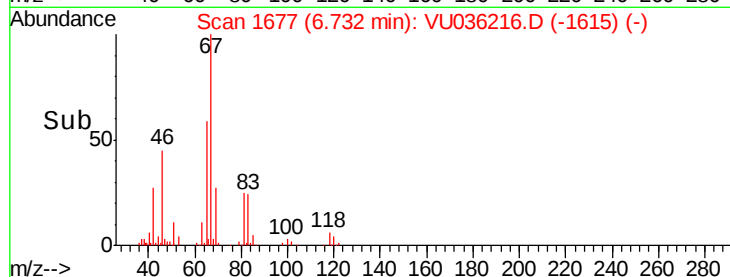
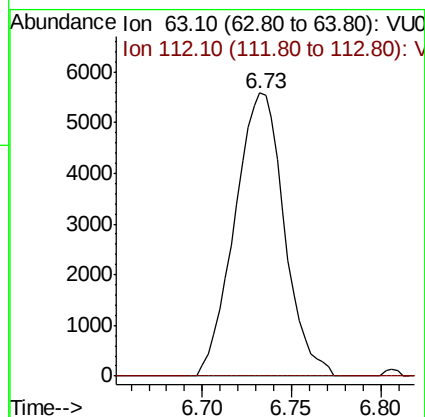
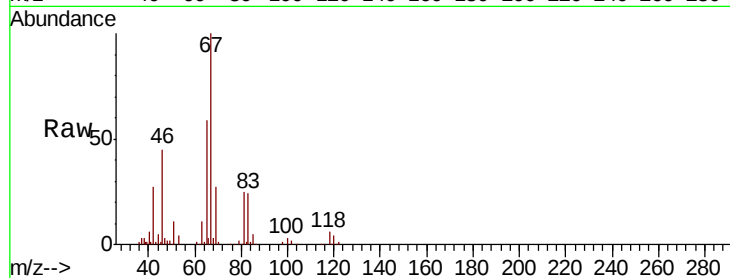
BFQS3

Tot Ion: 63 Resp: 10785

Ion Ratio Lower Upper

63 100

112 0.6 3.8 5.8#



#39

cis-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 7.60 min Scan# 1947

Delta R.T. -0.05 min

Lab File: VU036216.D

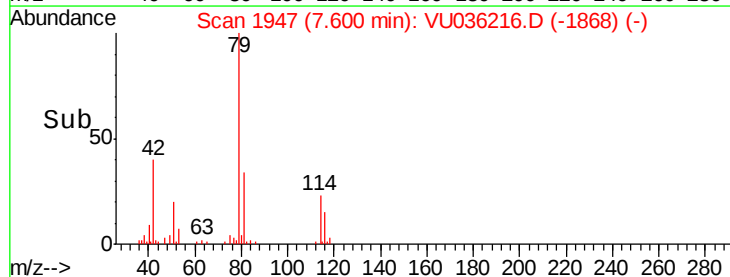
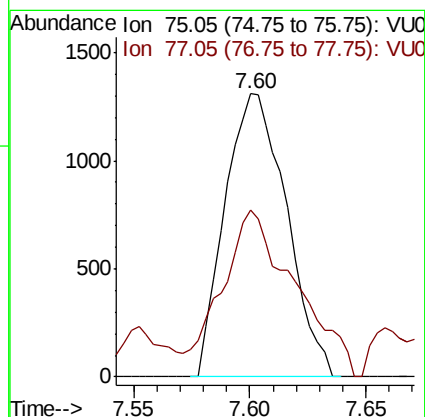
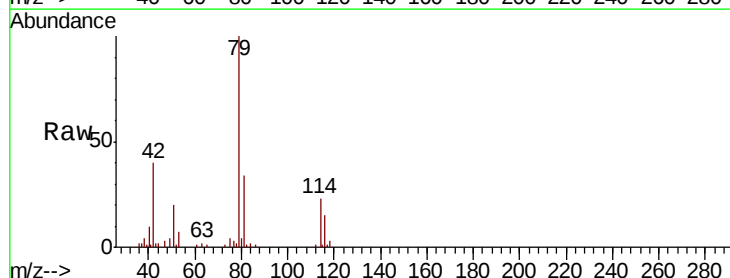
Acq: 13 Dec 2019 23:18

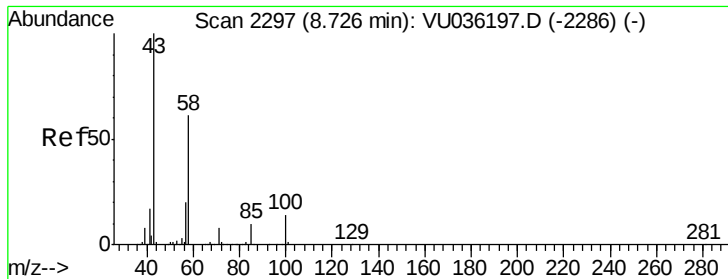
Tgt Ion: 75 Resp: 2410

Ion Ratio Lower Upper

75 100

77 59.2 22.7 42.1#

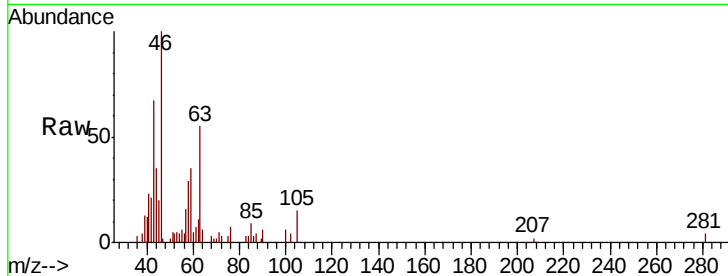




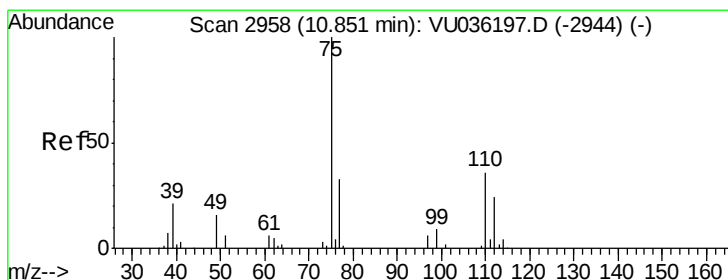
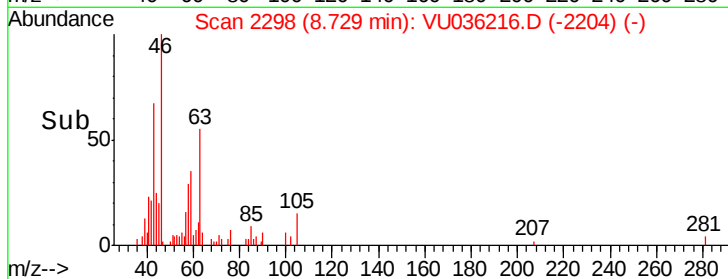
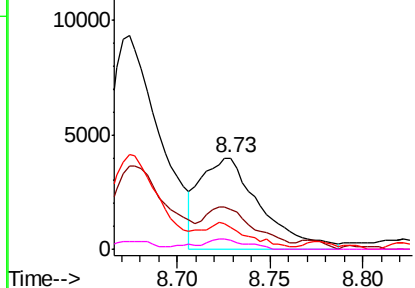
#48
 2-Hexanone
 Concen: 1.184 ug/L
 RT: 8.73 min Scan# 2298
 Delta R.T. 0.00 min
 Lab File: VU036216.D
 Acq: 13 Dec 2019 23:18

Instrument :
 MSVOA_U
 ClientSampleId :
 BFQS3

Tot Ion: 43 Resp: 8988
 Ion Ratio Lower Upper
 43 100
 58 39.6 46.2 69.2#
 57 14.7 16.2 24.4#
 100 7.0 10.2 15.4#

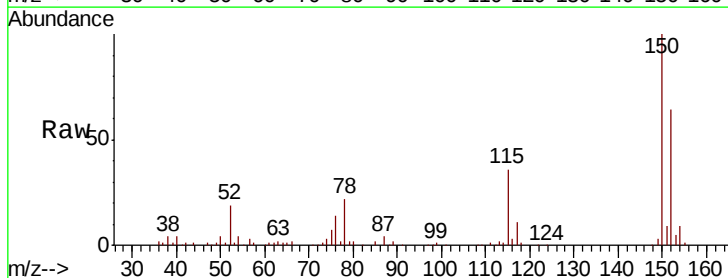


Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 58.05 (57.75 to 58.75): VU0
 Ion 57.20 (56.90 to 57.90): VU0
 Ion 100.15 (99.85 to 100.85): VU0



#59
 1,2,3-Trichloropropane
 Concen: 0.776 ug/L
 RT: 11.83 min Scan# 3264
 Delta R.T. 0.98 min
 Lab File: VU036216.D
 Acq: 13 Dec 2019 23:18

Tgt Ion: 75 Resp: 10028
 Ion Ratio Lower Upper
 75 100
 77 37.1 27.2 40.8



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0

