

Data File : VU036051.D
Acq On : 09 Dec 2019 16:49
Operator : JC/MD
Sample : K6168-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFE42

Quant Time: Dec 10 01:51:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 10 01:47:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	240163	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	254671	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	63183	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	108907	5.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.80%
7) Chloroethane-d5	1.93	69	117179	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.59	63	155148	3.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.20%
20) 2-Butanone-d5	4.69	46	173233	47.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.98%
24) Chloroform-d	5.11	84	161553	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.75	65	96677	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.40%
32) Benzene-d6	5.77	84	354462	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.00%
36) 1,2-Dichloropropane-d6	6.73	67	109037	5.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.20%
41) Toluene-d8	7.93	98	291672	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
43) trans-1,3-Dichloropropene-	8.22	79	31664	3.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.20%
46) 2-Hexanone-d5	8.70	63	161930	55.23	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.46%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	94449	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	75841	6.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	124.80%#

Target Compounds

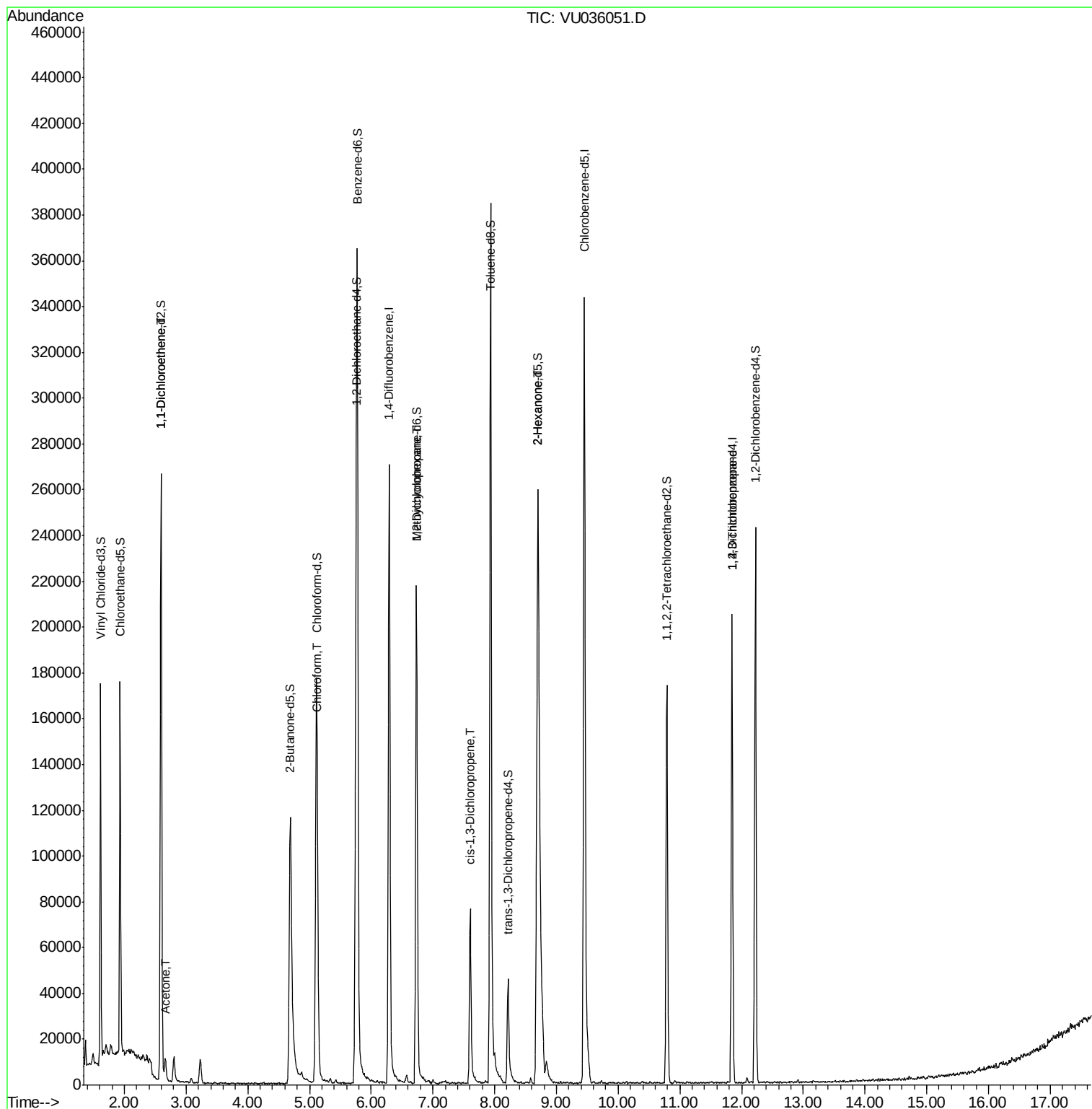
					Qvalue
12) 1,1-Dichloroethene	2.59	96	1454	0.070 ug/L #	1
13) Acetone	2.66	43	9867	2.131 ug/L	94
25) Chloroform	5.13	83	22780	0.639 ug/L	94
35) Methylcyclohexane	6.73	83	26048	1.051 ug/L #	18
39) cis-1,3-Dichloropropene	7.60	75	2283	0.096 ug/L #	57
48) 2-Hexanone	8.69	43	17633	2.695 ug/L #	70
59) 1,2,3-Trichloropropane	11.84	75	6878	0.551 ug/L	100

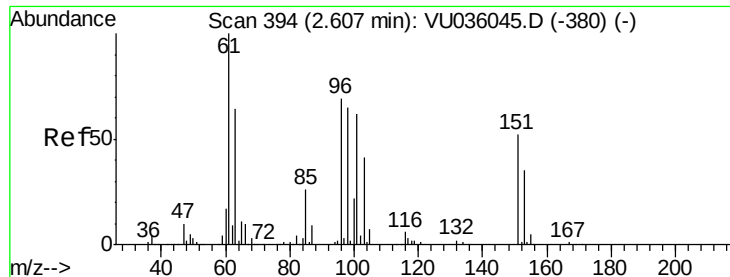
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 10 01:47:47 2019
Response via : Initial Calibration

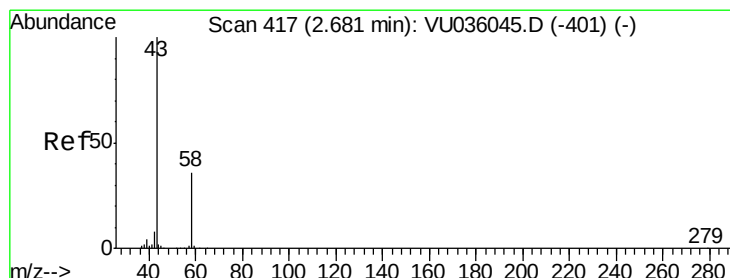
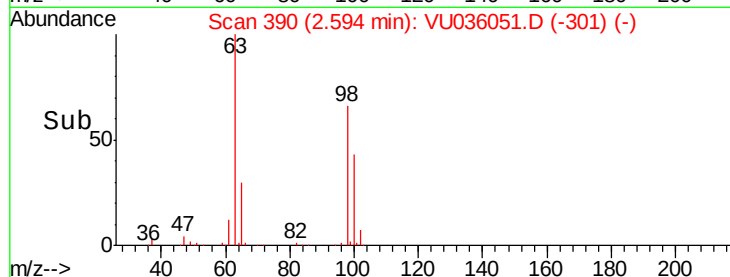
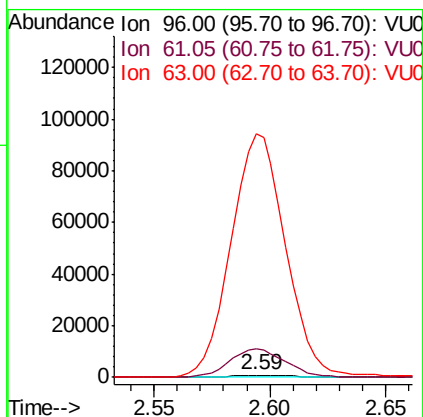
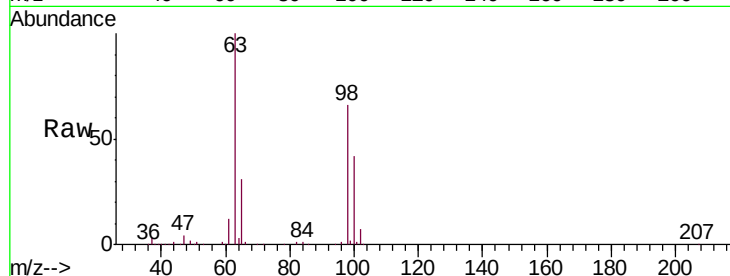




#12
 1,1-Dichloroethene
 Concen: 0.070 ug/L
 RT: 2.59 min Scan# 390
 Delta R.T. -0.01 min
 Lab File: VU036051.D
 Acq: 09 Dec 2019 16:49

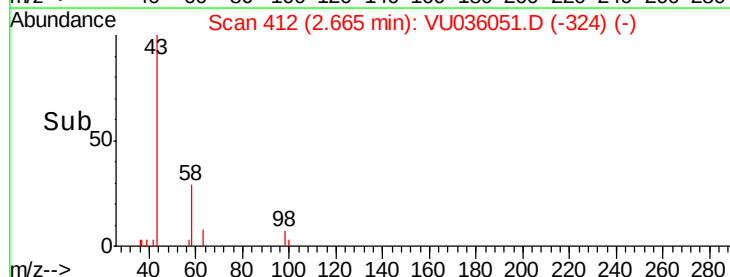
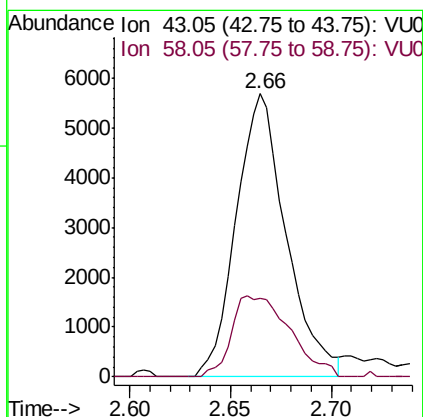
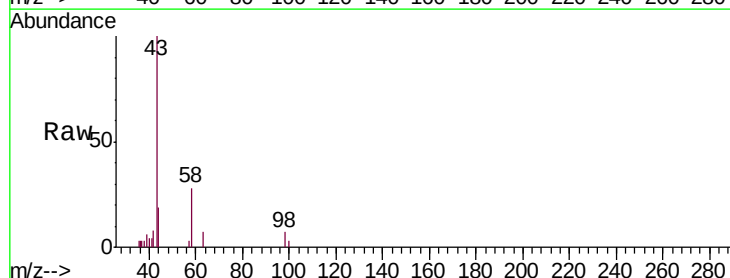
Instrument :
 MSVOA_U
 ClientSampleId :
 BFE42

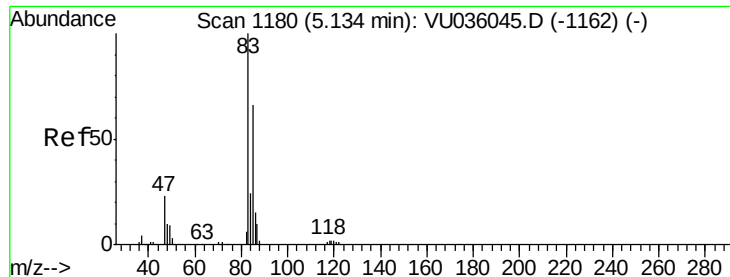
Tgt Ion: 96 Resp: 1454
 Ion Ratio Lower Upper
 96 100
 61 1243.0 104.3 193.7#
 63 10560.4 65.6 121.8#



#13
 Acetone
 Concen: 2.131 ug/L
 RT: 2.66 min Scan# 412
 Delta R.T. -0.02 min
 Lab File: VU036051.D
 Acq: 09 Dec 2019 16:49

Tgt Ion: 43 Resp: 9867
 Ion Ratio Lower Upper
 43 100
 58 33.3 0.0 74.2





#25

Chloroform

Concen: 0.639 ug/L

RT: 5.13 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VU036051.D

Acq: 09 Dec 2019 16:49

Instrument :

MSVOA_U

ClientSampleId :

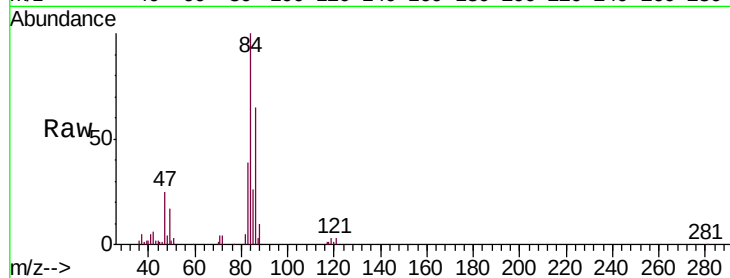
BFE42

Tgt Ion: 83 Resp: 22780

Ion Ratio Lower Upper

83 100

85 67.1 43.9 81.5



Abundance Ion 83.05 (82.75 to 83.75): VU036045.D (-1162) (-)

Ion 85.00 (84.70 to 85.70): VU036045.D (-1162) (-)

5.13

12000

10000

8000

6000

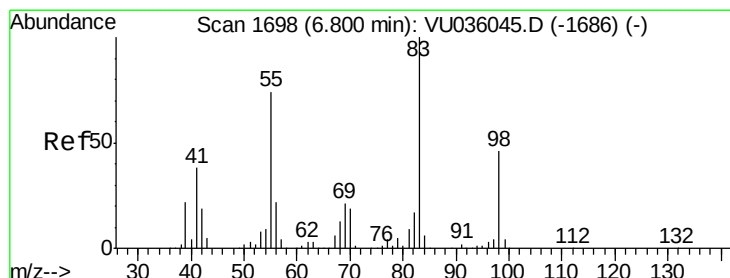
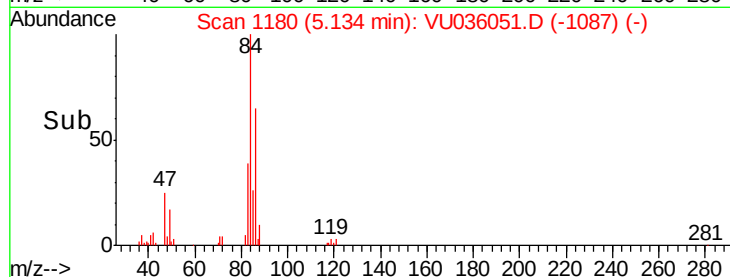
4000

2000

0

Time-->

5.05 5.10 5.15 5.20 5.25



#35

Methylcyclohexane

Concen: 1.051 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.07 min

Lab File: VU036051.D

Acq: 09 Dec 2019 16:49

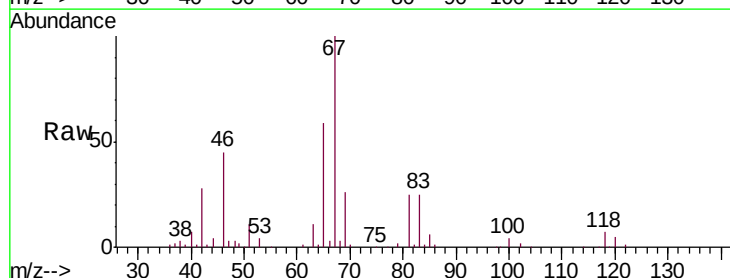
Tgt Ion: 83 Resp: 26048

Ion Ratio Lower Upper

83 100

55 0.4 62.1 93.1#

98 0.5 37.0 55.4#



Abundance Ion 83.15 (82.85 to 83.85): VU036045.D (-1686) (-)

Ion 55.10 (54.80 to 55.80): VU036045.D (-1686) (-)

Ion 98.15 (97.85 to 98.85): VU036045.D (-1686) (-)

6.73

15000

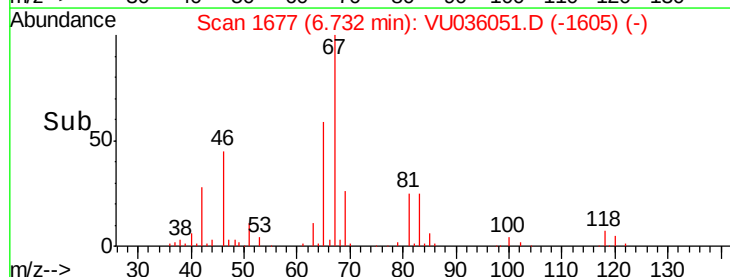
10000

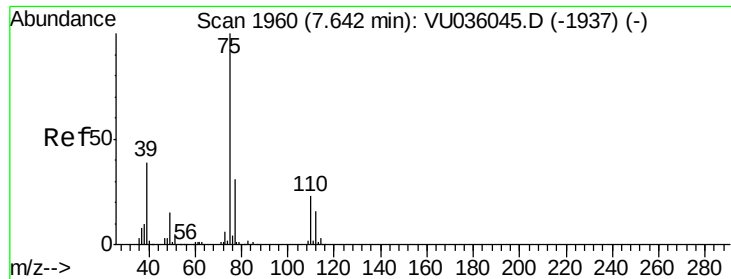
5000

0

Time-->

6.65 6.70 6.75 6.80



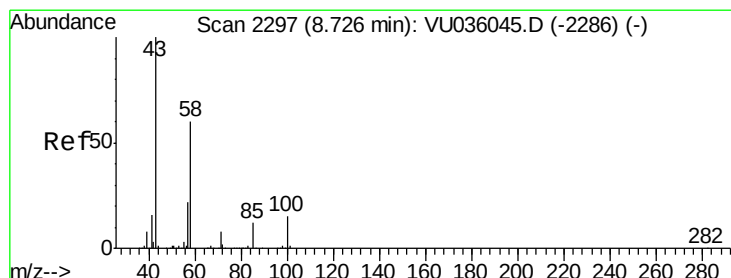
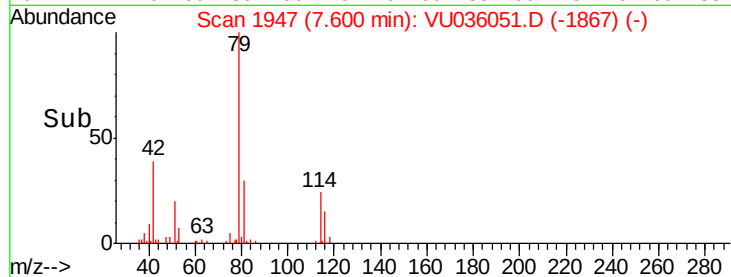
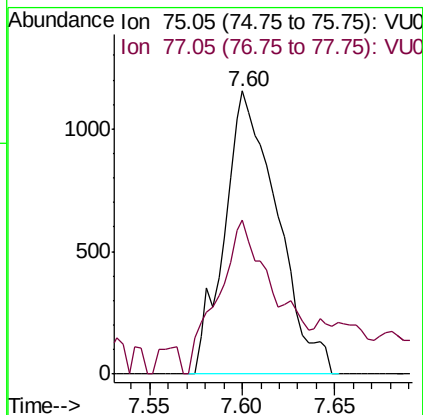
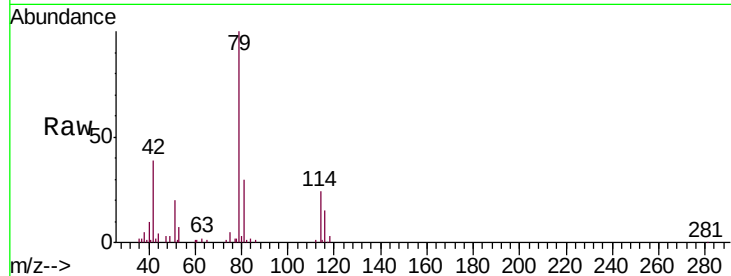


#39

cis-1,3-Dichloropropene
 Concen: 0.096 ug/L
 RT: 7.60 min Scan# 1947
 Delta R.T. -0.04 min
 Lab File: VU036051.D
 Acq: 09 Dec 2019 16:49

Instrument :
 MSVOA_U
 ClientSampled :
 BFE42

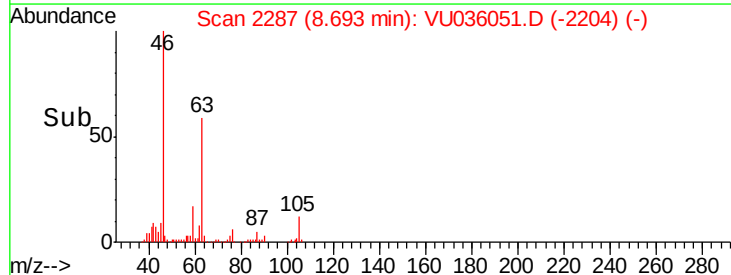
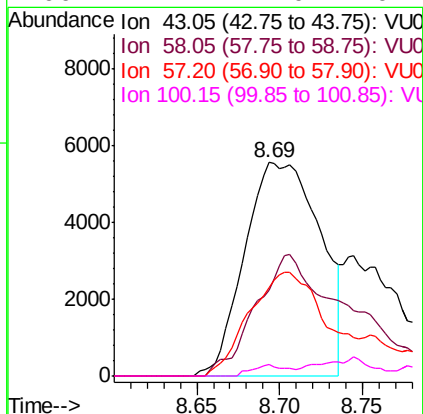
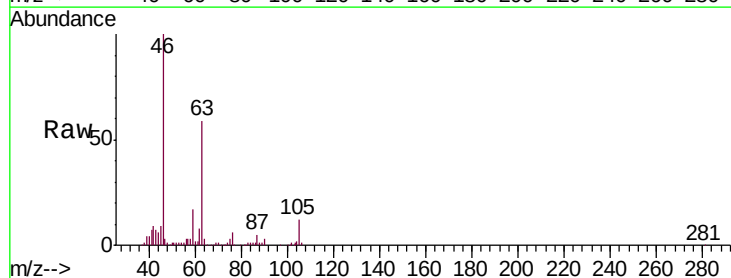
Tgt Ion: 75 Resp: 2283
 Ion Ratio Lower Upper
 75 100
 77 54.5 21.7 40.3#

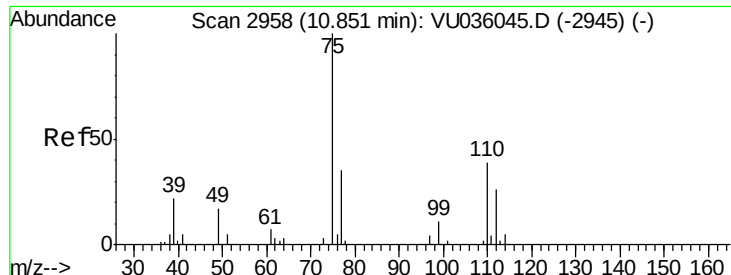


#48

2-Hexanone
 Concen: 2.695 ug/L
 RT: 8.69 min Scan# 2287
 Delta R.T. -0.03 min
 Lab File: VU036051.D
 Acq: 09 Dec 2019 16:49

Tgt Ion: 43 Resp: 17633
 Ion Ratio Lower Upper
 43 100
 58 72.9 46.9 70.3#
 57 49.7 16.4 24.6#
 100 2.4 11.0 16.4#





#59

1,2,3-Trichloropropane

Concen: 0.551 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU036051.D

Acq: 09 Dec 2019 16:49

Instrument :

MSVOA_U

ClientSampleId :

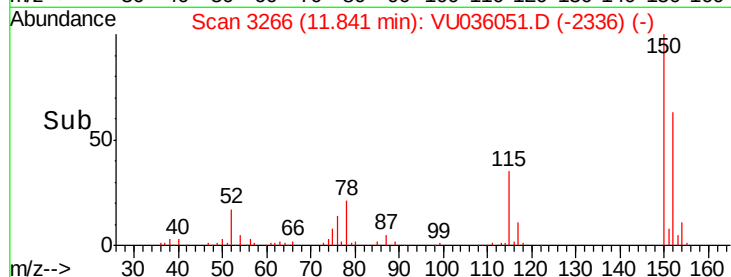
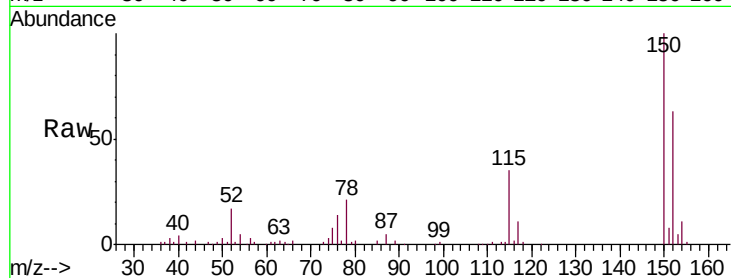
BFE42

Tgt Ion: 75 Resp: 6878

Ion Ratio Lower Upper

75 100

77 33.6 26.7 40.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

