

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122019\
 Data File : VU036310.D
 Acq On : 20 Dec 2019 11:58
 Operator : JC/MD
 Sample : K6282-06DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDW2DL

Quant Time: Dec 20 22:23:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 20 22:20:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	252537	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	277080	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	109638	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	94155	4.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.60%
7) Chloroethane-d5	1.93	69	88761	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.59	63	100026	3.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.40%
20) 2-Butanone-d5	4.68	46	177791	42.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.34%
24) Chloroform-d	5.11	84	151212	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
26) 1,2-Dichloroethane-d4	5.75	65	80218	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
32) Benzene-d6	5.77	84	275669	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.20%
36) 1,2-Dichloropropane-d6	6.73	67	92594	4.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.40%
41) Toluene-d8	7.93	98	219848	3.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.20%#
43) trans-1,3-Dichloropropene-	8.21	79	34100	3.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.60%
46) 2-Hexanone-d5	8.67	63	133475	38.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.32%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	80342	4.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	86511	4.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.40%

Target Compounds

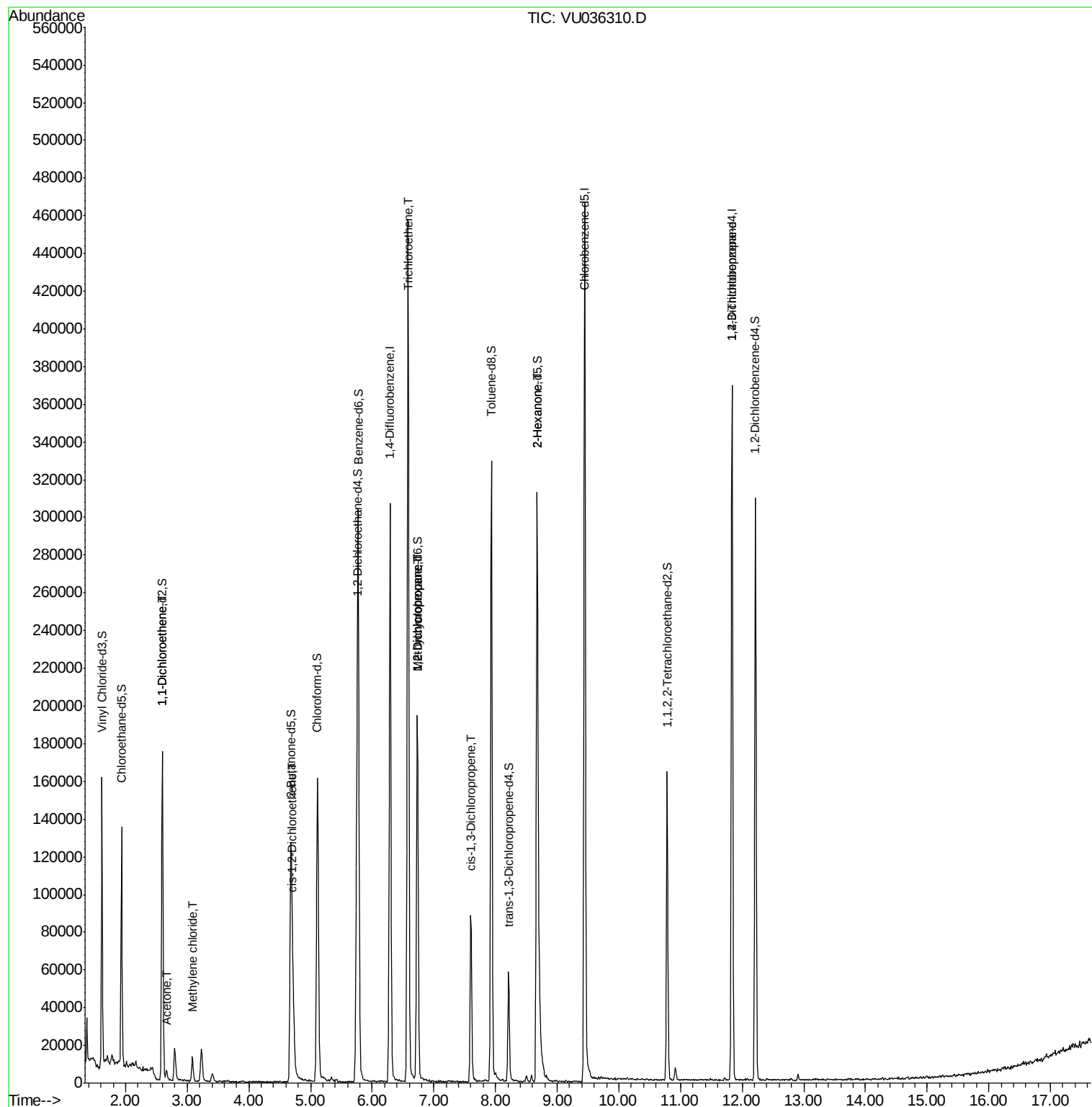
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.60	96	1512	0.081	ug/L #	1
13) Acetone	2.66	43	5348	1.473	ug/L	92
16) Methylene chloride	3.08	84	6131	0.223	ug/L	93
22) cis-1,2-Dichloroethene	4.72	96	18449	0.877	ug/L	97
34) Trichloroethene	6.58	95	156109	7.111	ug/L	98
35) Methylcyclohexane	6.73	83	21415	0.686	ug/L #	18
37) 1,2-Dichloropropane	6.73	63	10082	0.464	ug/L #	86
39) cis-1,3-Dichloropropene	7.60	75	2326	0.079	ug/L #	61
48) 2-Hexanone	8.67	43	15087	1.779	ug/L #	70
59) 1,2,3-Trichloropropane	11.83	75	11206	0.776	ug/L	95

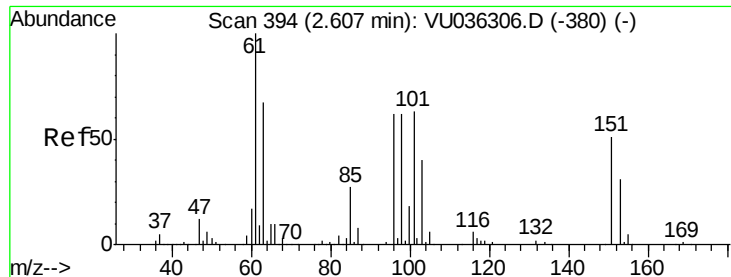
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122019\
Data File : VU036310.D
Acq On : 20 Dec 2019 11:58
Operator : JC/MD
Sample : K6282-06DL 5X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDW2DL

Quant Time: Dec 20 22:23:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 20 22:20:21 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.081 ug/L

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU036310.D

Acq: 20 Dec 2019 11:58

Instrument :

MSVOA_U

ClientSampleId :

BFDW2DL

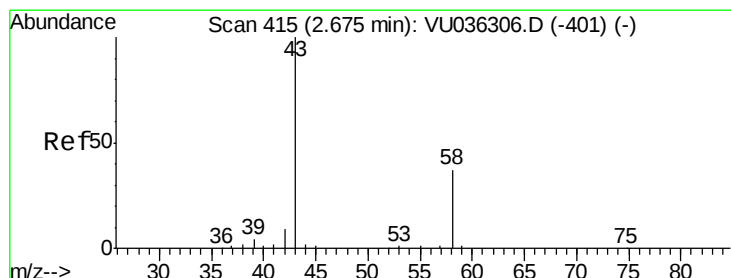
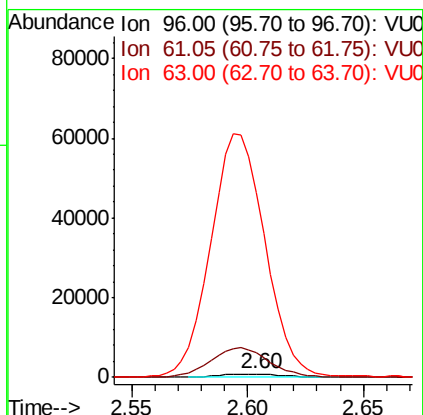
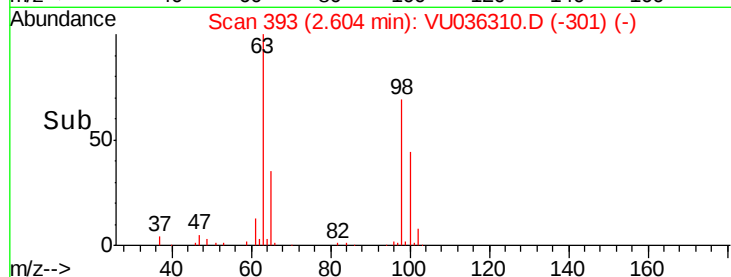
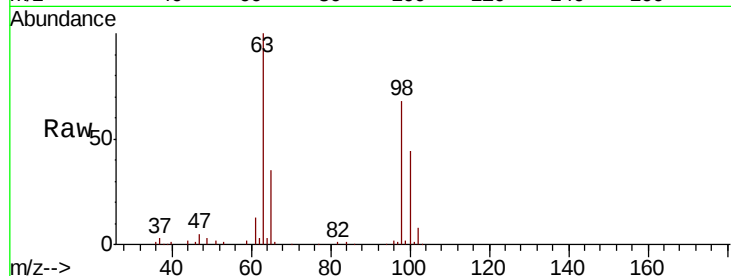
Tot Ion: 96 Resp: 1512

Ion Ratio Lower Upper

96 100

61 732.0 114.0 211.8#

63 5554.8 63.6 118.0#



#13

Acetone

Concen: 1.473 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.01 min

Lab File: VU036310.D

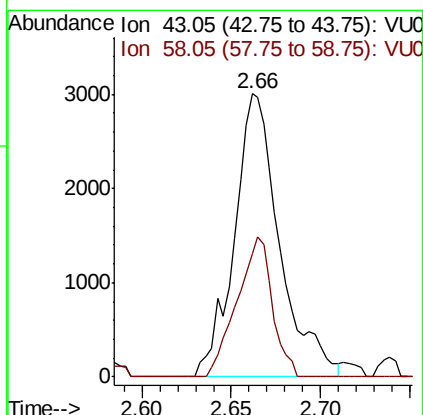
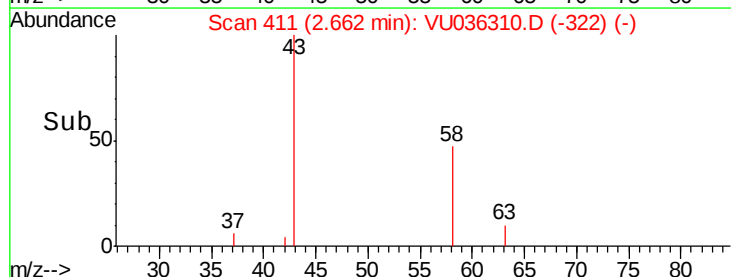
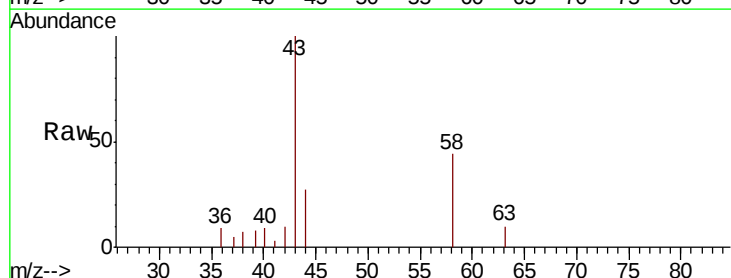
Acq: 20 Dec 2019 11:58

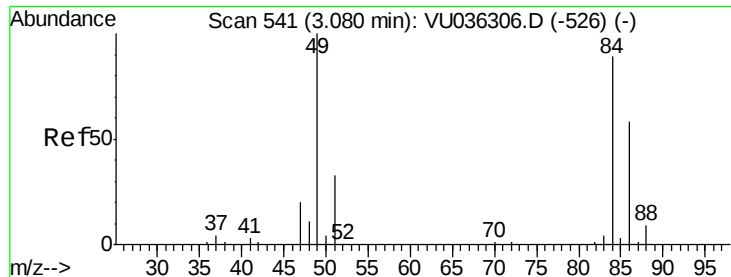
Tgt Ion: 43 Resp: 5348

Ion Ratio Lower Upper

43 100

58 38.4 0.0 67.6

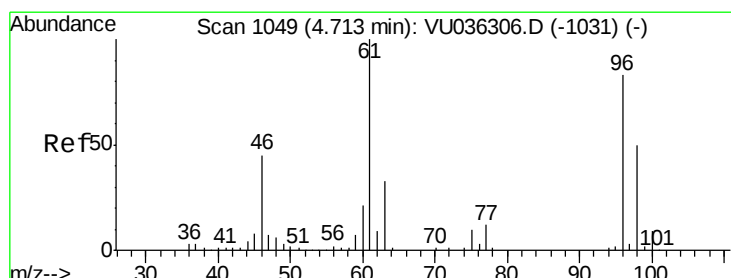
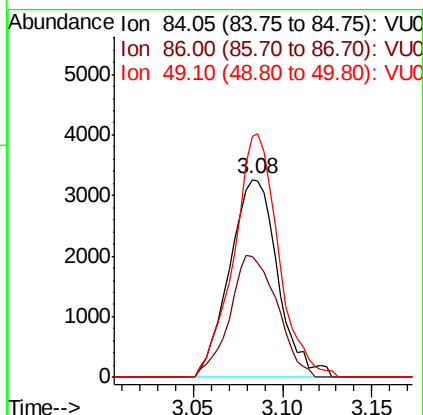
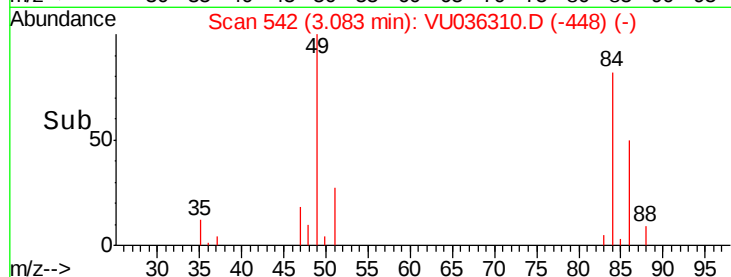
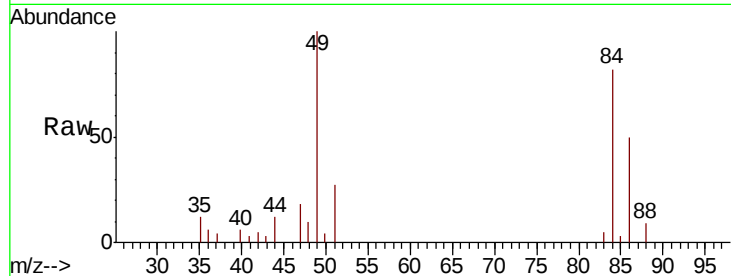




#16
Methylene chloride
Concen: 0.223 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU036310.D
Acq: 20 Dec 2019 11:58

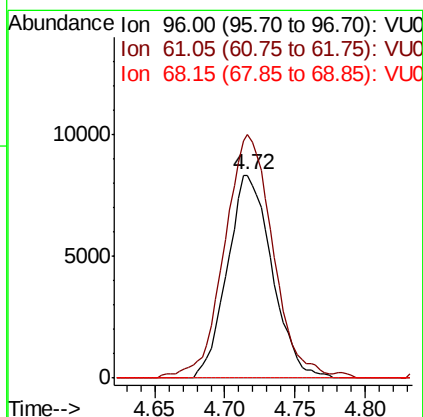
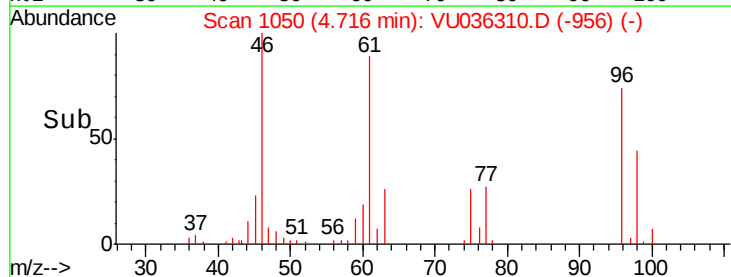
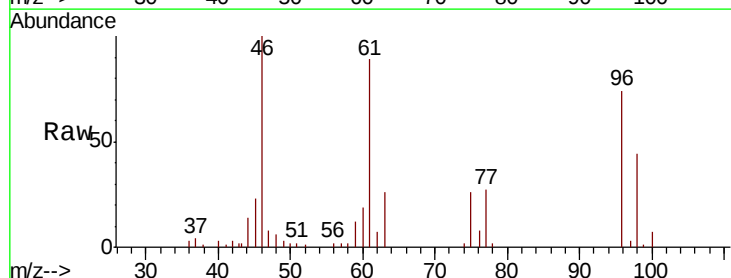
Instrument :
MSVOA_U
ClientSampled :
BFDW2DL

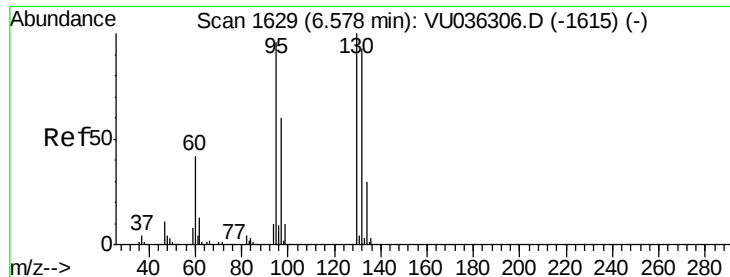
Tot Ion: 84 Resp: 6131
Ion Ratio Lower Upper
84 100
86 61.1 43.0 79.8
49 121.5 77.3 143.5



#22
cis-1,2-Dichloroethene
Concen: 0.877 ug/L
RT: 4.72 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VU036310.D
Acq: 20 Dec 2019 11:58

Tgt Ion: 96 Resp: 18449
Ion Ratio Lower Upper
96 100
61 120.0 86.7 161.1
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 7.111 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU036310.D

Acq: 20 Dec 2019 11:58

Instrument :

MSVOA_U

ClientSampleId :

BFDW2DL

Tot Ion: 95 Resp: 156109

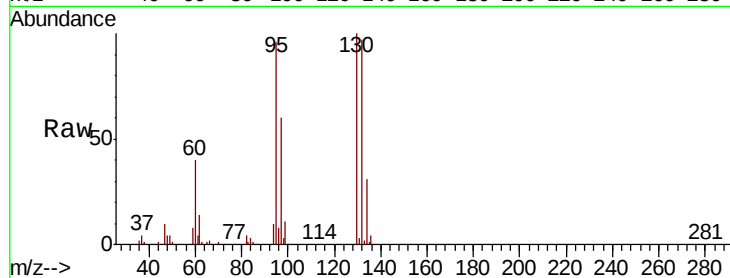
Ion Ratio Lower Upper

95 100

97 62.7 43.6 81.0

132 100.9 69.6 129.2

130 103.7 70.3 130.7

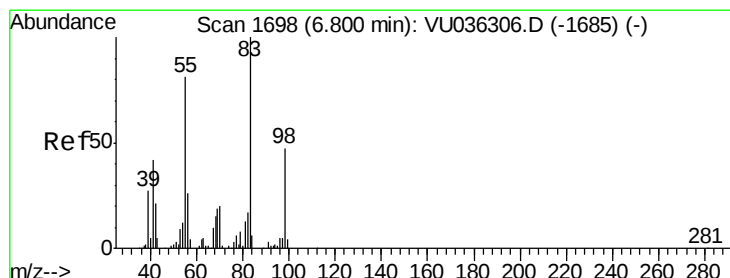
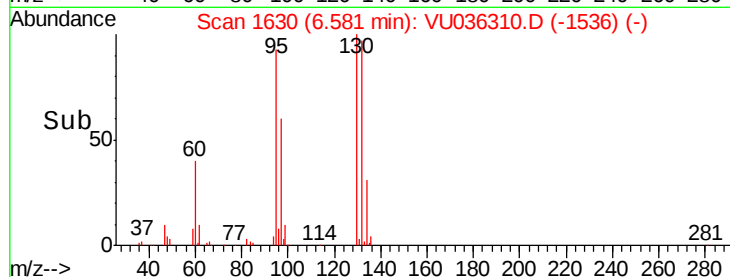
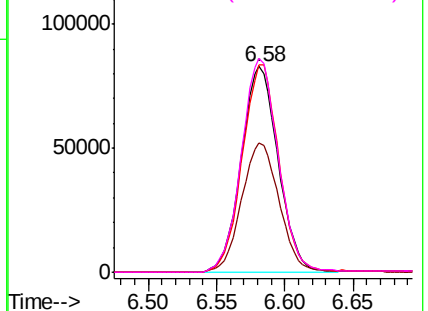


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.686 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.07 min

Lab File: VU036310.D

Acq: 20 Dec 2019 11:58

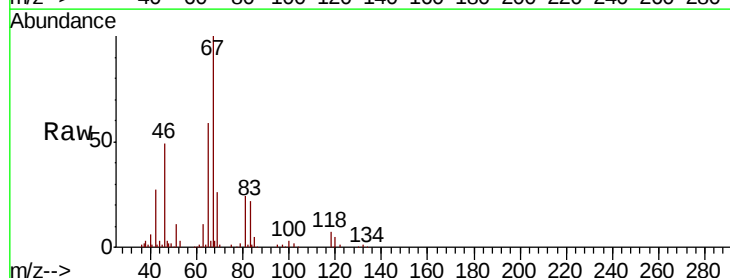
Tgt Ion: 83 Resp: 21415

Ion Ratio Lower Upper

83 100

55 0.0 62.6 94.0#

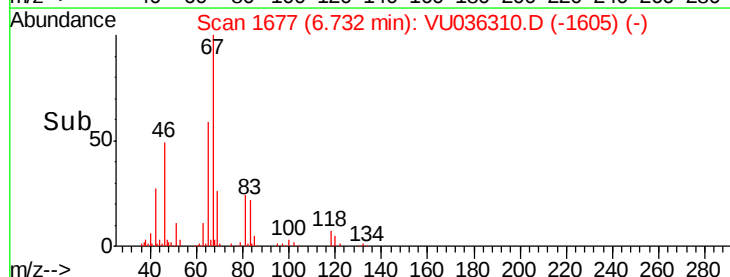
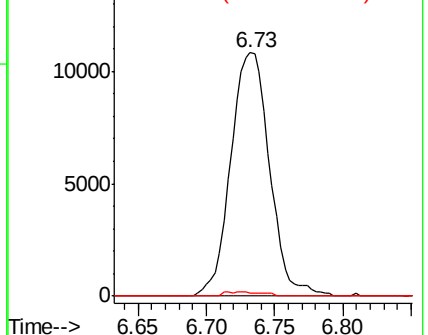
98 0.0 36.2 54.2#

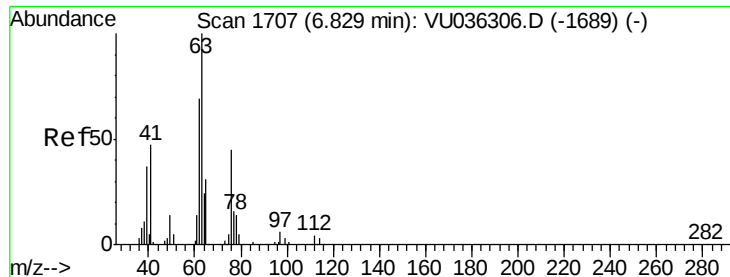


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.464 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.10 min

Lab File: VU036310.D

Acq: 20 Dec 2019 11:58

Instrument :

MSVOA_U

ClientSampleId :

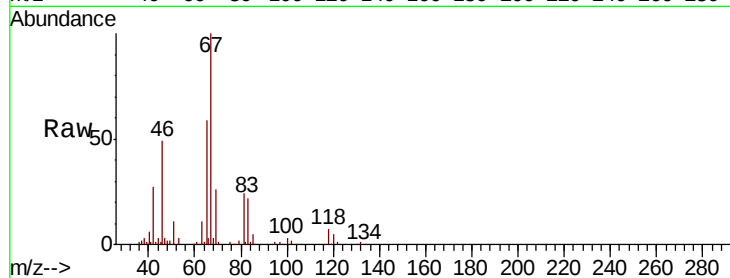
BFDW2DL

Tot Ion: 63 Resp: 10082

Ion Ratio Lower Upper

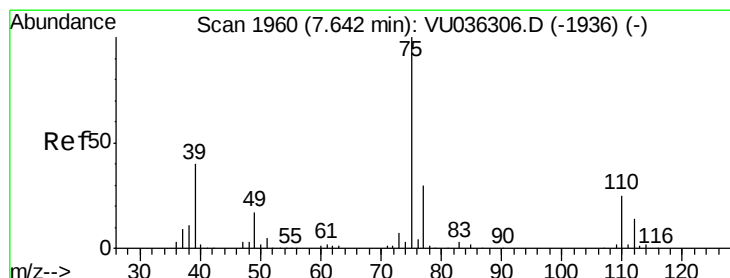
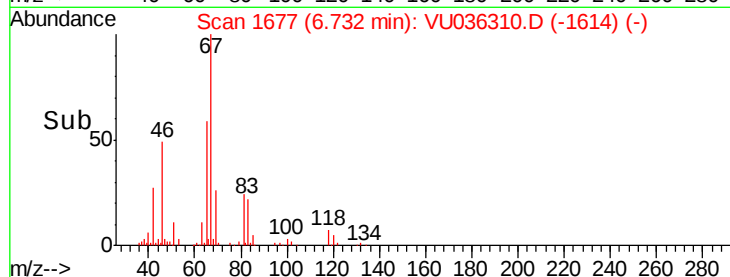
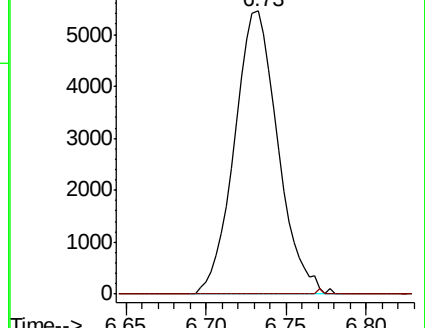
63 100

112 0.2 3.8 5.8#



Abundance Ion 63.10 (62.80 to 63.80): VU036310.D (-1677) (-)

Ion 112.10 (111.80 to 112.80): VU036310.D (-1677) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.079 ug/L

RT: 7.60 min Scan# 1948

Delta R.T. -0.04 min

Lab File: VU036310.D

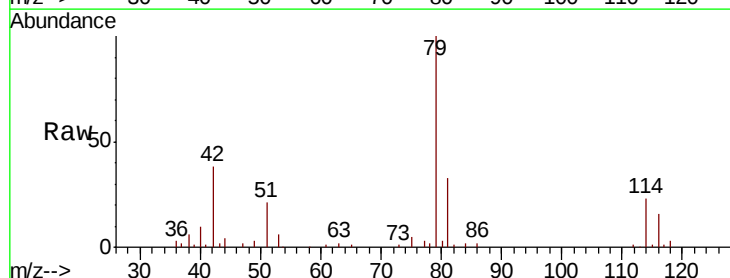
Acq: 20 Dec 2019 11:58

Tgt Ion: 75 Resp: 2326

Ion Ratio Lower Upper

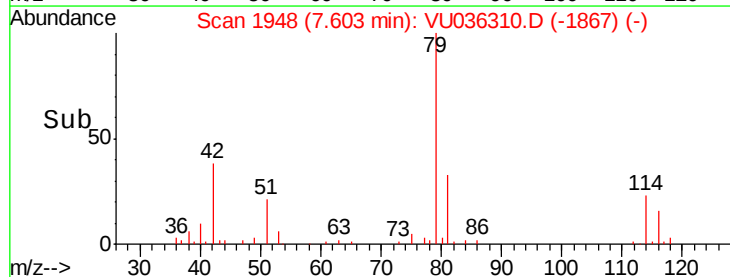
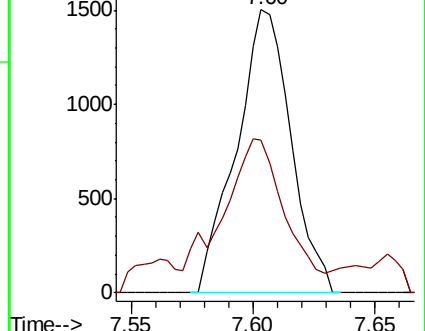
75 100

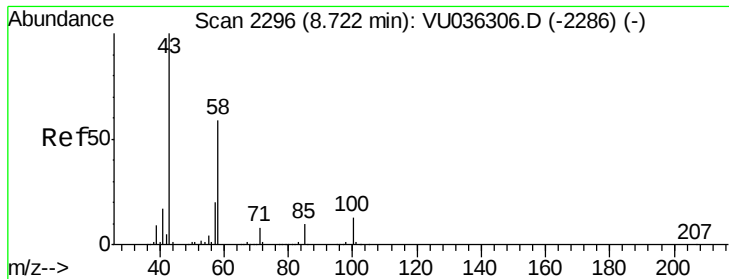
77 54.2 22.7 42.1#



Abundance Ion 75.05 (74.75 to 75.75): VU036310.D (-1867) (-)

Ion 77.05 (76.75 to 77.75): VU036310.D (-1867) (-)

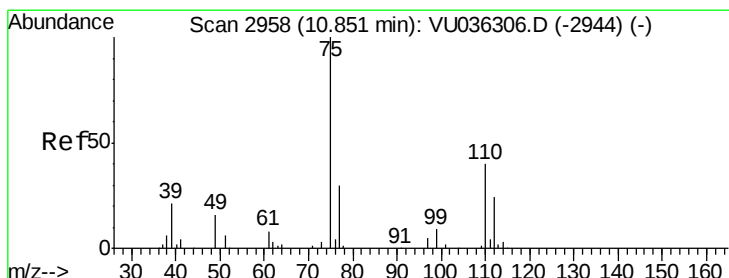
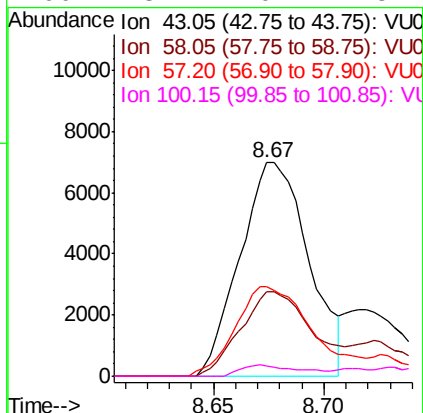
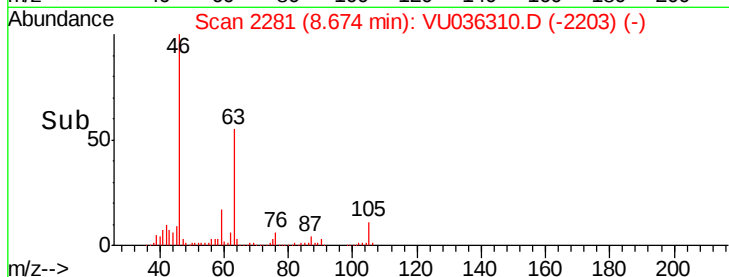
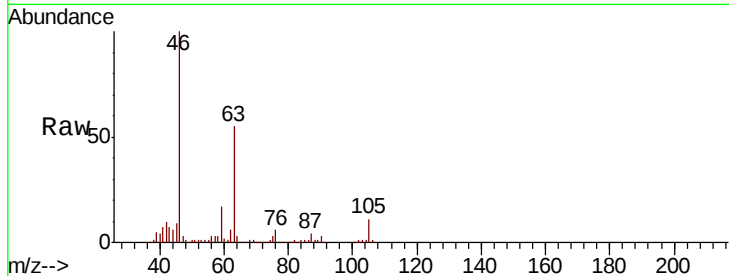




#48
 2-Hexanone
 Concen: 1.779 ug/L
 RT: 8.67 min Scan# 2281
 Delta R.T. -0.05 min
 Lab File: VU036310.D
 Acq: 20 Dec 2019 11:58

Instrument :
 MSVOA_U
 ClientSampleID :
 BFDW2DL

Tot Ion	Ratio	Lower	Upper
43	100		
58	41.6	46.2	69.2#
57	46.8	16.2	24.4#
100	3.4	10.2	15.4#



#59
 1,2,3-Trichloropropane
 Concen: 0.776 ug/L
 RT: 11.83 min Scan# 3264
 Delta R.T. 0.98 min
 Lab File: VU036310.D
 Acq: 20 Dec 2019 11:58

Tgt Ion	Ratio	Lower	Upper
75	100		
77	37.1	27.2	40.8

