

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122019\
 Data File : VU036311.D
 Acq On : 20 Dec 2019 12:22
 Operator : JC/MD
 Sample : K6282-07DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDW3DL

Quant Time: Dec 20 22:23:12 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	245072	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	274118	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	107798	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	96244	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.93	69	87346	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.59	63	100926	3.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.80%
20) 2-Butanone-d5	4.68	46	171521	42.42	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.84%
24) Chloroform-d	5.11	84	149235	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
26) 1,2-Dichloroethane-d4	5.75	65	80704	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
32) Benzene-d6	5.77	84	277449	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.60%
36) 1,2-Dichloropropane-d6	6.73	67	89985	4.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.00%
41) Toluene-d8	7.93	98	224092	3.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.20%#
43) trans-1,3-Dichloropropene-	8.21	79	32712	3.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.20%
46) 2-Hexanone-d5	8.67	63	128278	37.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.12%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	81816	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	89414	4.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.60%

Target Compounds

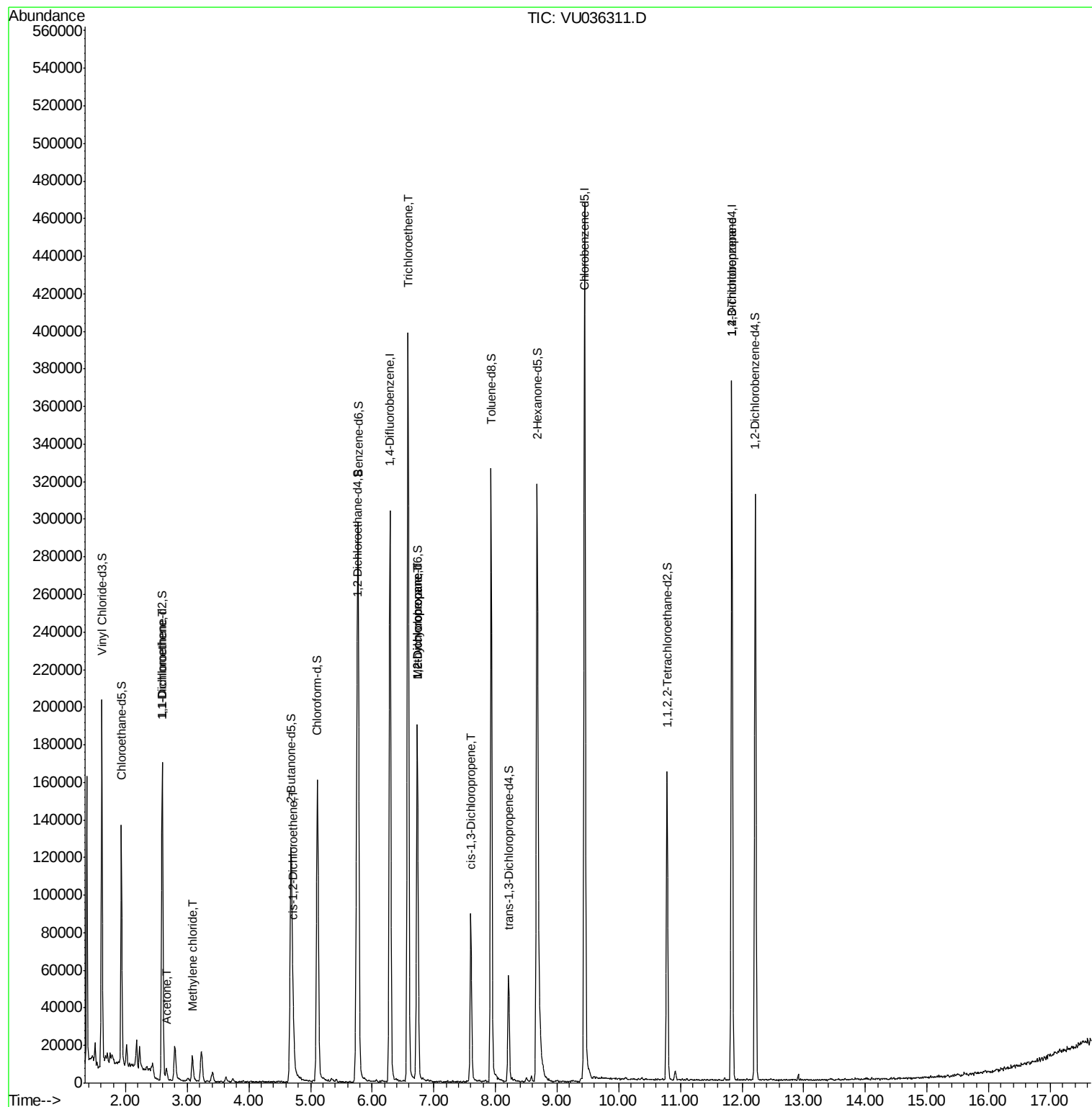
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.61	96	1879	0.103	ug/L #	1
13) Acetone	2.66	43	7191	2.041	ug/L	97
16) Methylene chloride	3.08	84	6276	0.235	ug/L	97
22) cis-1,2-Dichloroethene	4.72	96	11990	0.587	ug/L	95
34) Trichloroethene	6.58	95	136906	6.303	ug/L	99
35) Methylcyclohexane	6.73	83	21941	0.711	ug/L #	18
37) 1,2-Dichloropropane	6.74	63	10248	0.477	ug/L #	86
39) cis-1,3-Dichloropropene	7.60	75	2140	0.073	ug/L #	68
59) 1,2,3-Trichloropropane	11.84	75	11830	0.828	ug/L	97

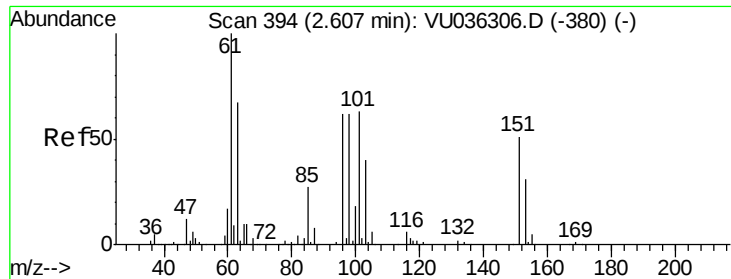
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.103 ug/L

RT: 2.61 min Scan# 394

Delta R.T. -0.00 min

Lab File: VU036311.D

Acq: 20 Dec 2019 12:22

Instrument :

MSVOA_U

ClientSampleId :

BFDW3DL

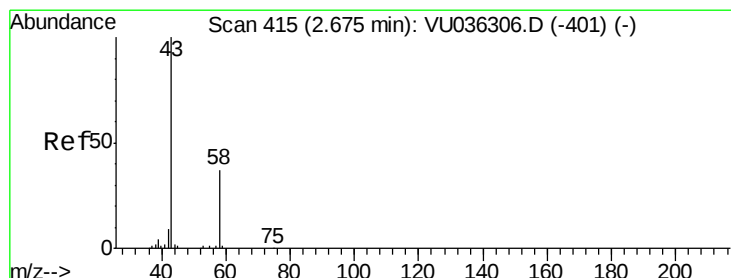
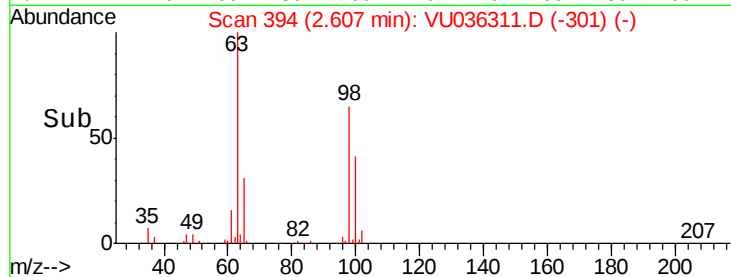
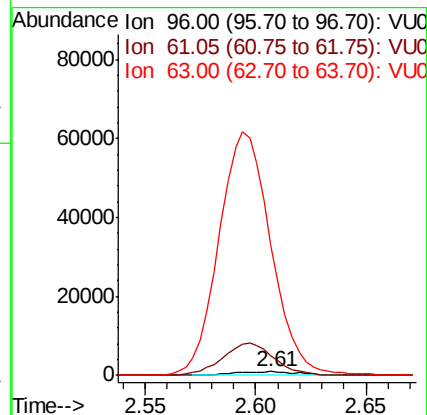
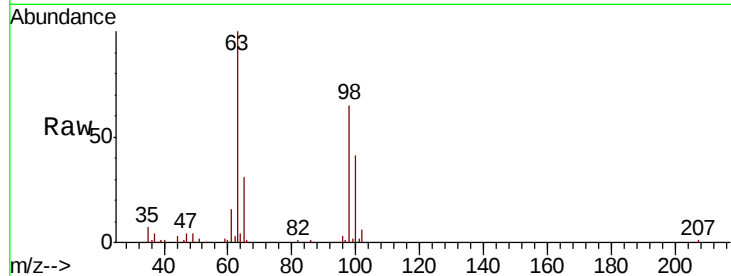
Tot Ion: 96 Resp: 1879

Ion Ratio Lower Upper

96 100

61 555.4 114.0 211.8#

63 3578.8 63.6 118.0#



#13

Acetone

Concen: 2.041 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.01 min

Lab File: VU036311.D

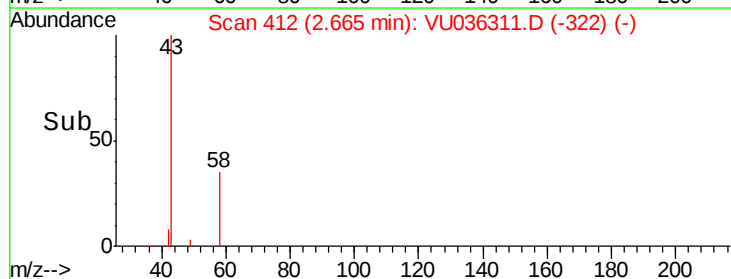
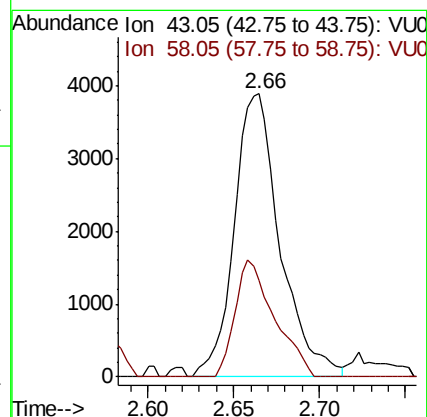
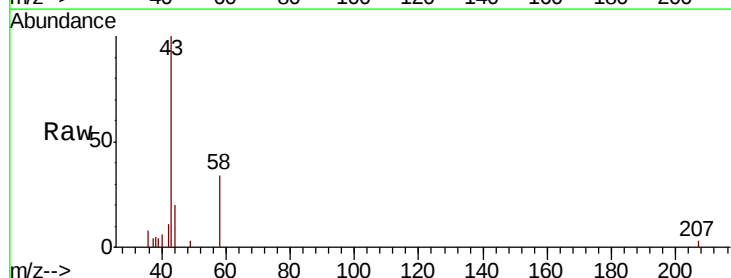
Acq: 20 Dec 2019 12:22

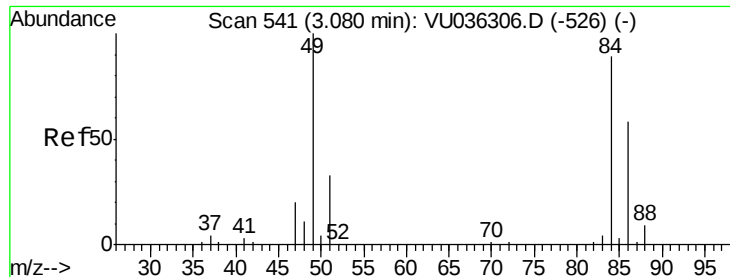
Tgt Ion: 43 Resp: 7191

Ion Ratio Lower Upper

43 100

58 35.3 0.0 67.6

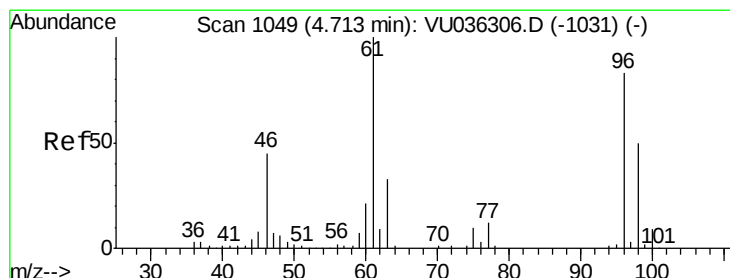
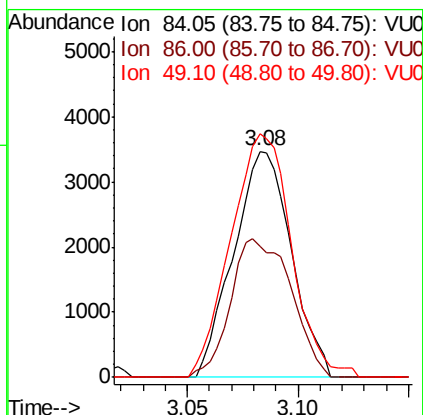
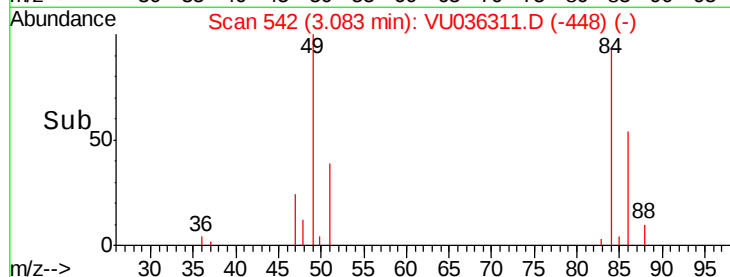
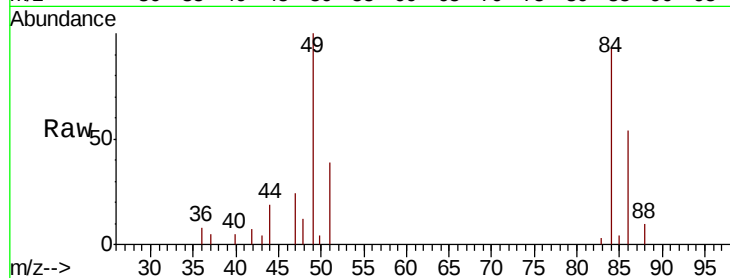




#16
Methylene chloride
Concen: 0.235 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU036311.D
Acq: 20 Dec 2019 12:22

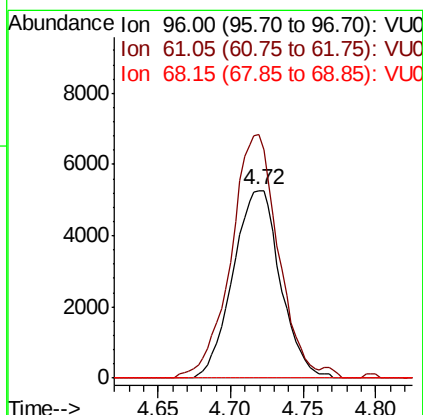
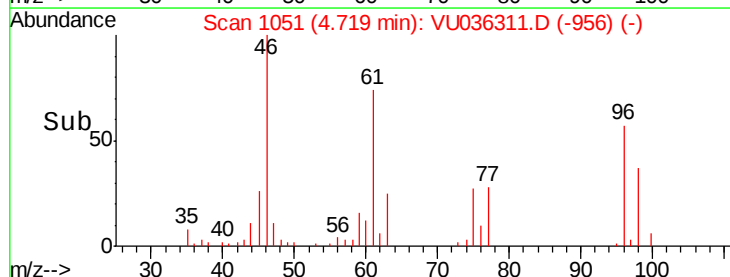
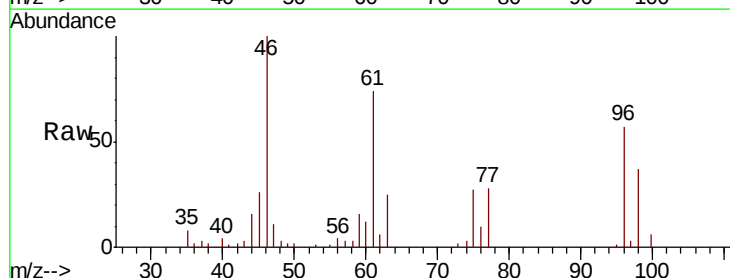
Instrument :
MSVOA_U
ClientSampleId :
BFDW3DL

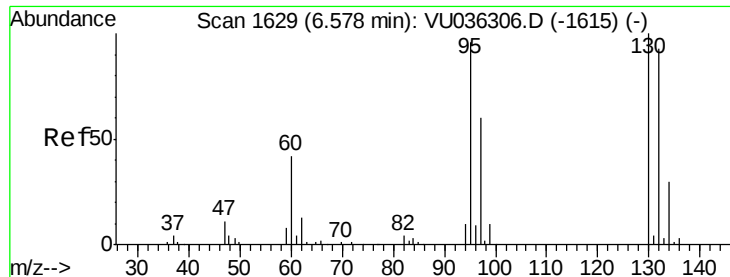
Tot Ion: 84 Resp: 6276
Ion Ratio Lower Upper
84 100
86 58.1 43.0 79.8
49 112.5 77.3 143.5



#22
cis-1,2-Dichloroethene
Concen: 0.587 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VU036311.D
Acq: 20 Dec 2019 12:22

Tgt Ion: 96 Resp: 11990
Ion Ratio Lower Upper
96 100
61 129.9 86.7 161.1
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 6.303 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU036311.D

Acq: 20 Dec 2019 12:22

Instrument :

MSVOA_U

ClientSampleId :

BFDW3DL

Tot Ion: 95 Resp: 136906

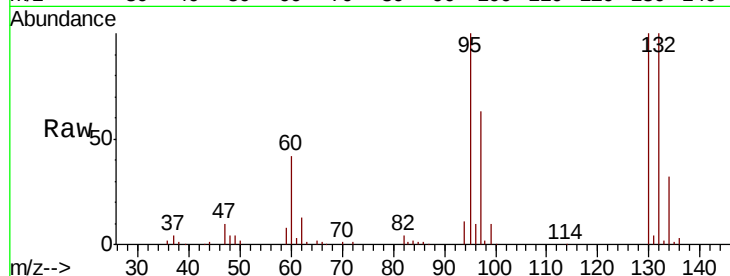
Ion Ratio Lower Upper

95 100

97 63.0 43.6 81.0

132 99.8 69.6 129.2

130 100.1 70.3 130.7

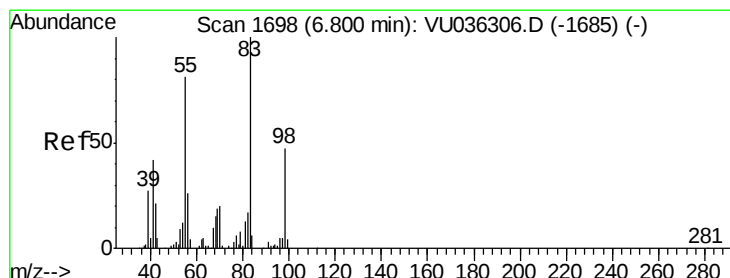
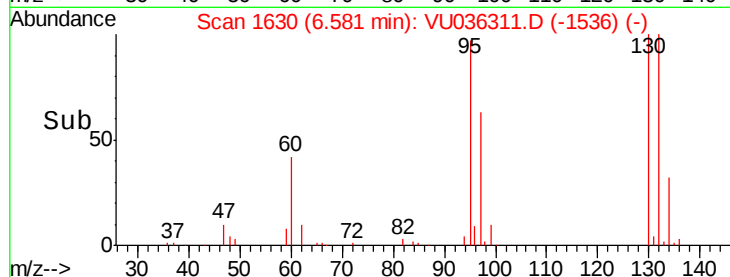
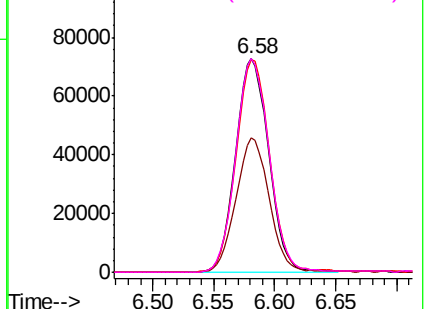


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.711 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.07 min

Lab File: VU036311.D

Acq: 20 Dec 2019 12:22

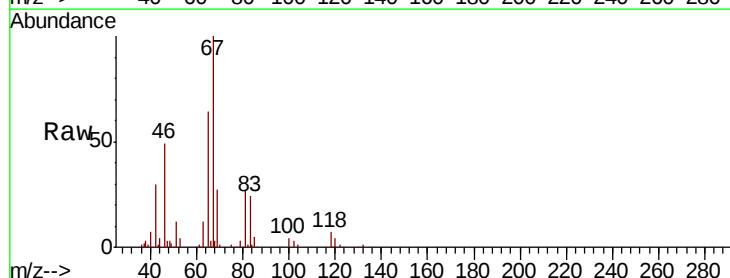
Tgt Ion: 83 Resp: 21941

Ion Ratio Lower Upper

83 100

55 0.2 62.6 94.0#

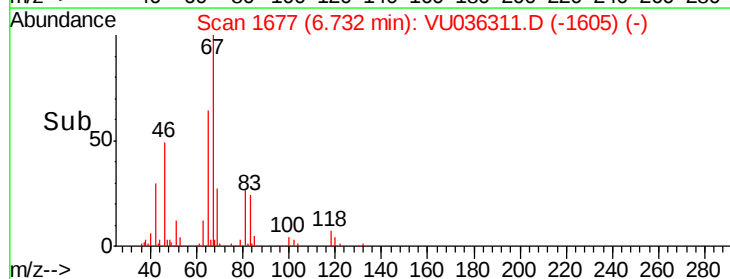
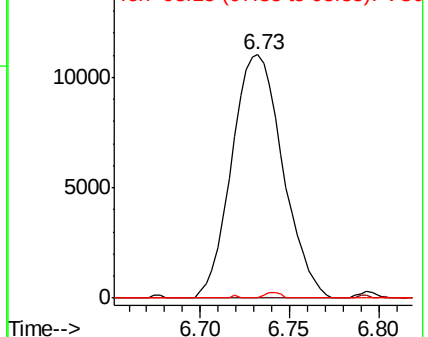
98 0.8 36.2 54.2#

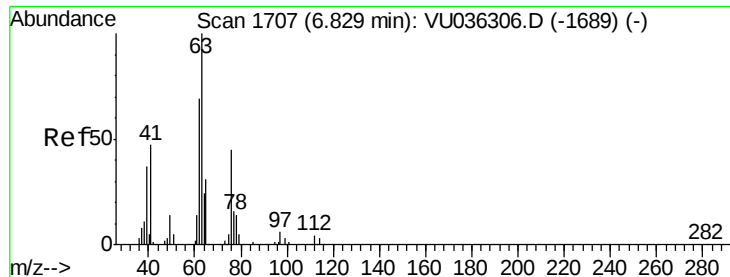


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.477 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.09 min

Lab File: VU036311.D

Acq: 20 Dec 2019 12:22

Instrument :

MSVOA_U

ClientSampleId :

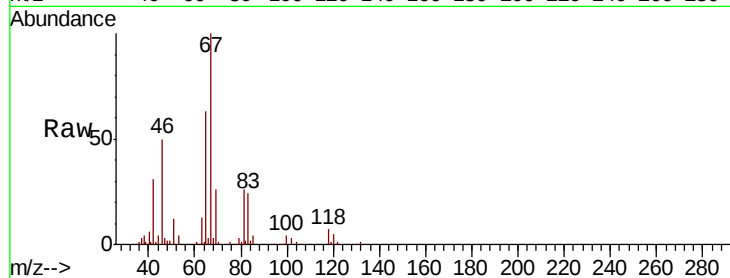
BFDW3DL

Tot Ion: 63 Resp: 10248

Ion Ratio Lower Upper

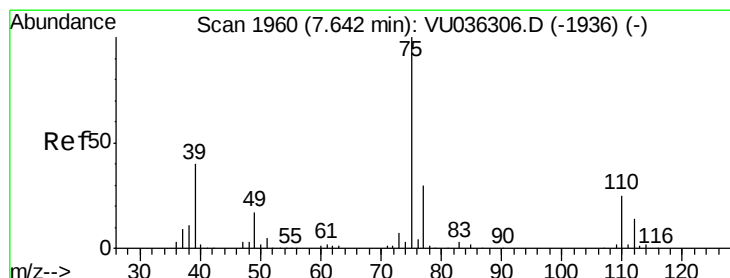
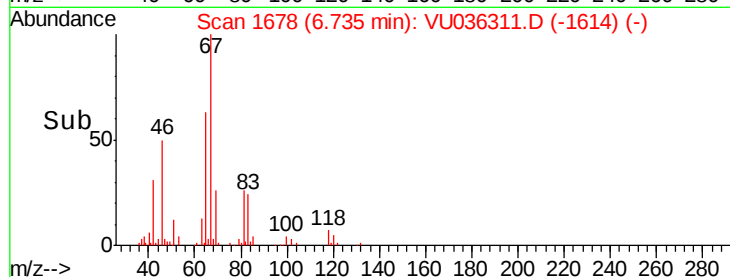
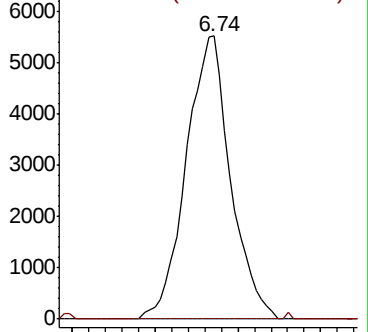
63 100

112 0.2 3.8 5.8#



Abundance Ion 63.10 (62.80 to 63.80): VU036311.D (-1678) (-)

Ion 112.10 (111.80 to 112.80): VU036311.D (-1678) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.073 ug/L

RT: 7.60 min Scan# 1948

Delta R.T. -0.04 min

Lab File: VU036311.D

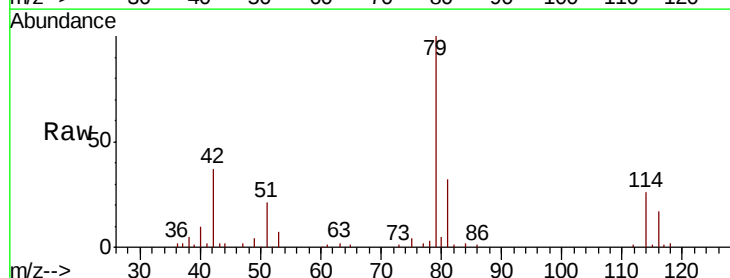
Acq: 20 Dec 2019 12:22

Tgt Ion: 75 Resp: 2140

Ion Ratio Lower Upper

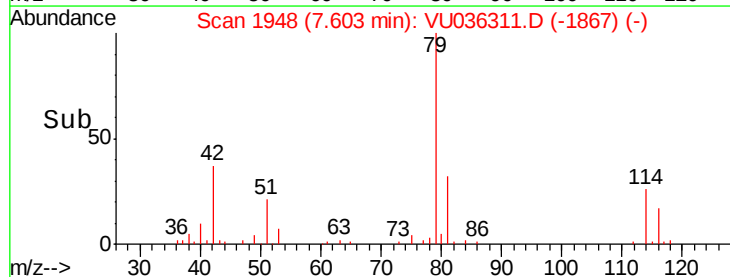
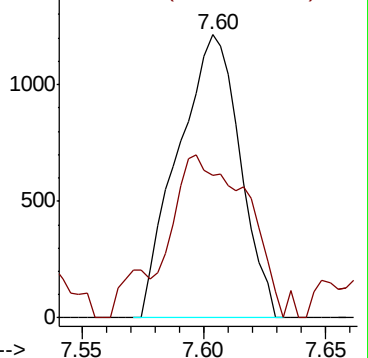
75 100

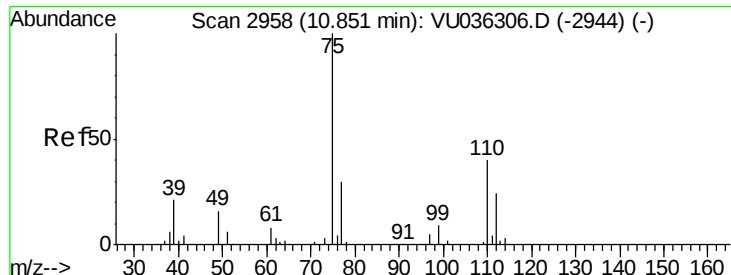
77 50.3 22.7 42.1#



Abundance Ion 75.05 (74.75 to 75.75): VU036311.D (-1948) (-)

Ion 77.05 (76.75 to 77.75): VU036311.D (-1948) (-)





#59

1,2,3-Trichloropropane

Concen: 0.828 ug/L

RT: 11.84 min Scan# 3265

Delta R.T. 0.99 min

Lab File: VU036311.D

Acq: 20 Dec 2019 12:22

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ClientSampleId :

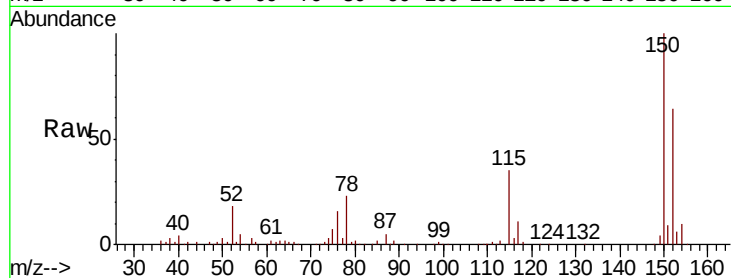
BFDW3DL

Tot Ion: 75 Resp: 11830

Ion Ratio Lower Upper

75 100

77 35.8 27.2 40.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

