

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122019\
 Data File : VU036309.D
 Acq On : 20 Dec 2019 11:35
 Operator : JC/MD
 Sample : K6282-05DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDW1DL

Quant Time: Dec 20 22:22:56 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	232139	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	260040	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	104505	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	96155	4.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.00%
7) Chloroethane-d5	1.94	69	89148	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.60	63	103618	3.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.20%
20) 2-Butanone-d5	4.68	46	176890	46.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.38%
24) Chloroform-d	5.11	84	151997	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.75	65	83880	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.77	84	280154	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
36) 1,2-Dichloropropane-d6	6.73	67	92135	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.60%
41) Toluene-d8	7.93	98	226476	3.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.60%
43) trans-1,3-Dichloropropene-	8.21	79	34228	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
46) 2-Hexanone-d5	8.67	63	132833	40.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.98%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	83680	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	90647	4.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.60%

Target Compounds

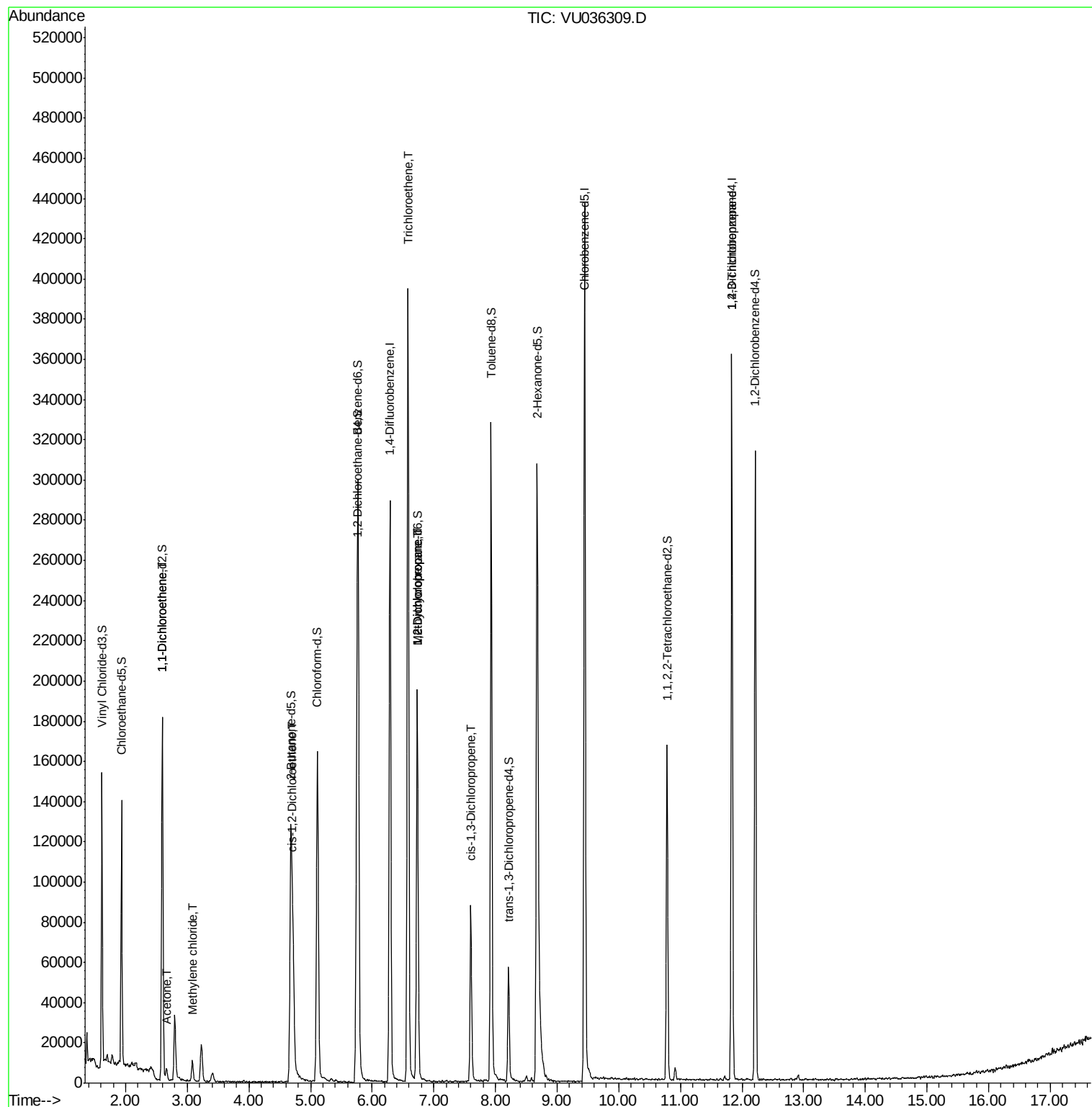
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.60	96	1929	0.112	ug/L #	1
13) Acetone	2.67	43	6829	2.046	ug/L	95
16) Methylene chloride	3.09	84	5034	0.199	ug/L	93
22) cis-1,2-Dichloroethene	4.72	96	28600	1.478	ug/L	99
34) Trichloroethene	6.58	95	134241	6.515	ug/L	96
35) Methylcyclohexane	6.73	83	22168	0.757	ug/L #	18
37) 1,2-Dichloropropane	6.73	63	9927	0.487	ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	2423	0.087	ug/L #	64
59) 1,2,3-Trichloropropane	11.83	75	10936	0.807	ug/L	89

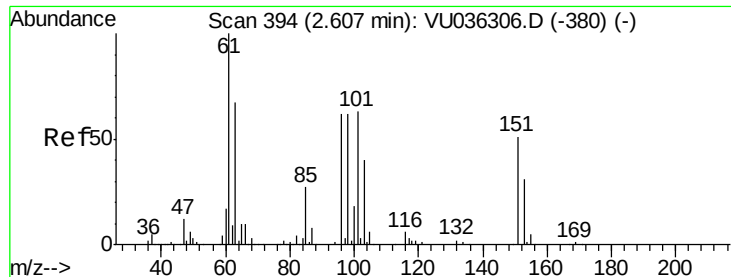
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU122019\
Data File : VU036309.D
Acq On : 20 Dec 2019 11:35
Operator : JC/MD
Sample : K6282-05DL 5X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDW1DL

Quant Time: Dec 20 22:22:56 2019
Quant Method : Z:\V0ASRV\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

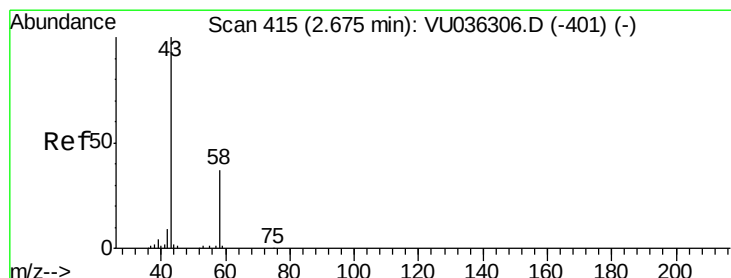
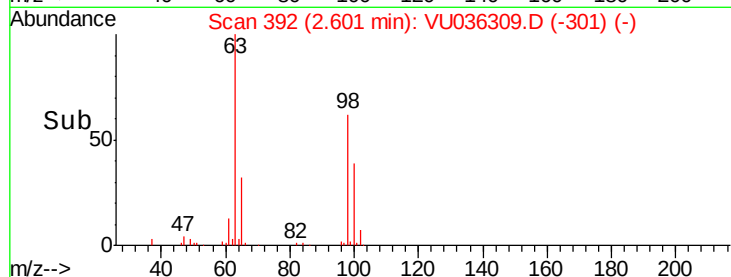
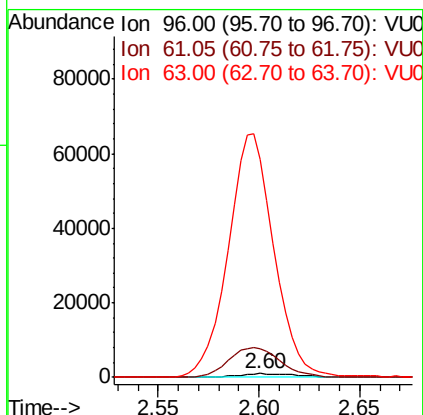
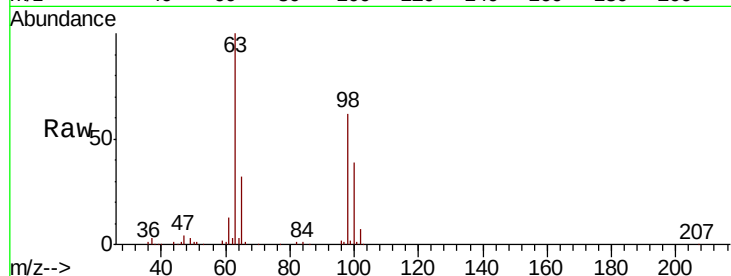




#12
 1,1-Dichloroethene
 Concen: 0.112 ug/L
 RT: 2.60 min Scan# 392
 Delta R.T. -0.01 min
 Lab File: VU036309.D
 Acq: 20 Dec 2019 11:35

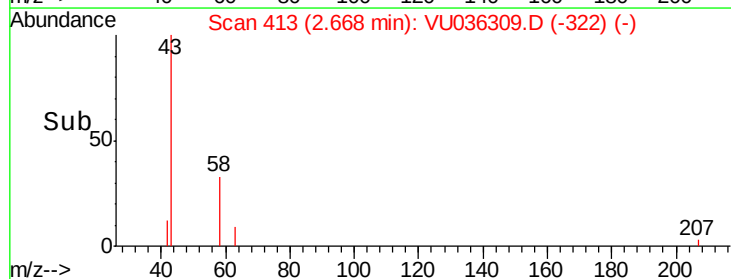
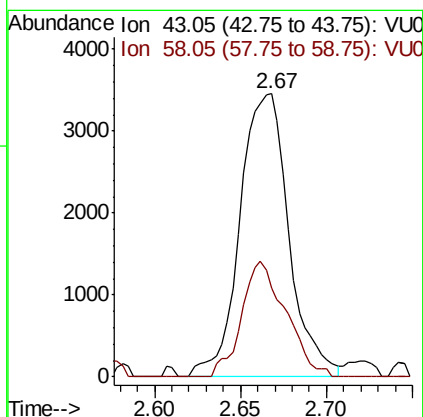
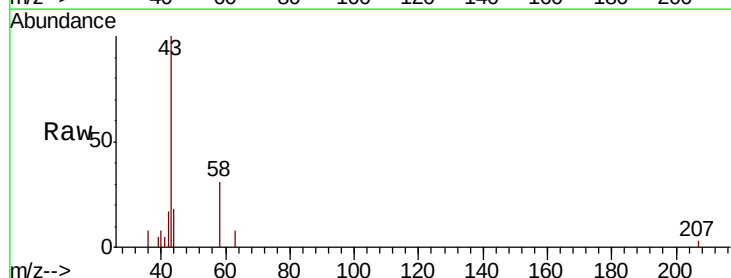
Instrument :
 MSVOA_U
 ClientSampleId :
 BFDW1DL

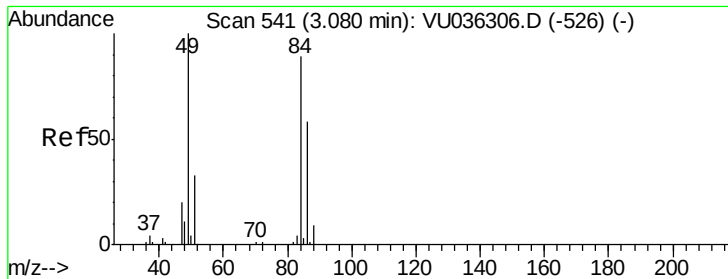
Tot Ion: 96 Resp: 1929
 Ion Ratio Lower Upper
 96 100
 61 552.3 114.0 211.8#
 63 4161.4 63.6 118.0#



#13
 Acetone
 Concen: 2.046 ug/L
 RT: 2.67 min Scan# 413
 Delta R.T. -0.01 min
 Lab File: VU036309.D
 Acq: 20 Dec 2019 11:35

Tgt Ion: 43 Resp: 6829
 Ion Ratio Lower Upper
 43 100
 58 36.9 0.0 67.6

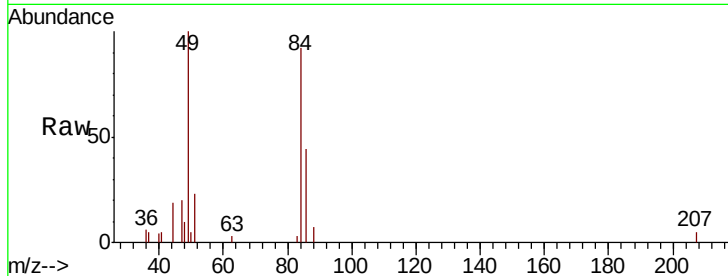




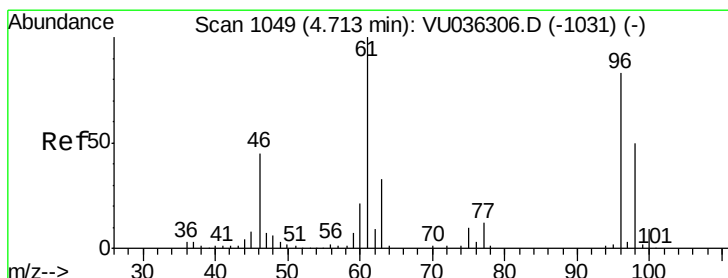
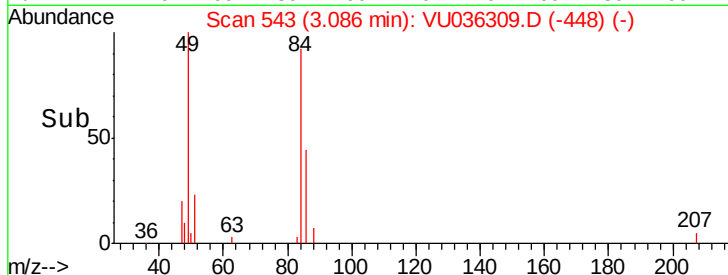
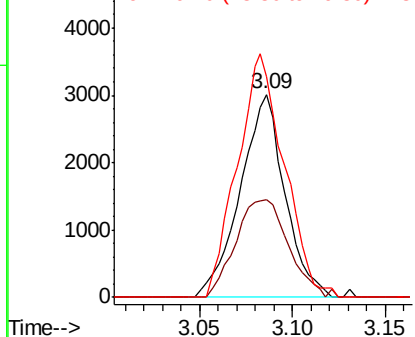
#16
Methylene chloride
Concen: 0.199 ug/L
RT: 3.09 min Scan# 543
Delta R.T. 0.01 min
Lab File: VU036309.D
Acq: 20 Dec 2019 11:35

Instrument :
MSVOA_U
ClientSampleId :
BFDW1DL

Tot Ion: 84 Resp: 5034
Ion Ratio Lower Upper
84 100
86 48.3 43.0 79.8
49 108.9 77.3 143.5

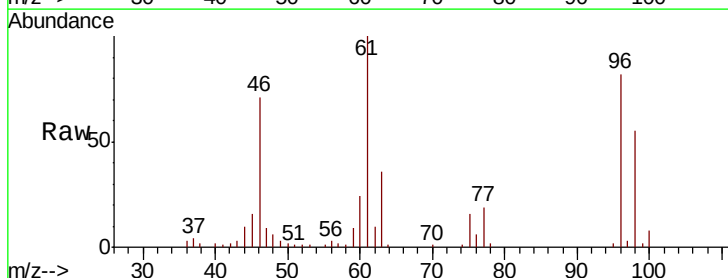


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

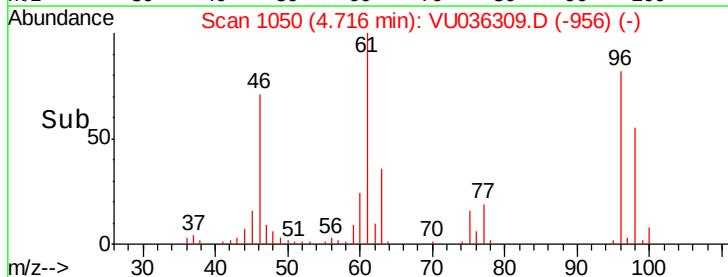
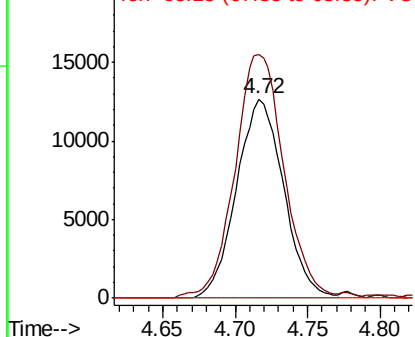


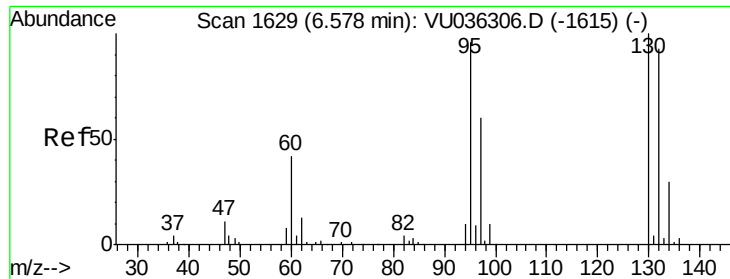
#22
cis-1,2-Dichloroethene
Concen: 1.478 ug/L
RT: 4.72 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VU036309.D
Acq: 20 Dec 2019 11:35

Tgt Ion: 96 Resp: 28600
Ion Ratio Lower Upper
96 100
61 122.5 86.7 161.1
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0





#34

Trichloroethene

Concen: 6.515 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU036309.D

Acq: 20 Dec 2019 11:35

Instrument :

MSVOA_U

ClientSampleId :

BFDW1DL

Tot Ion: 95 Resp: 134241

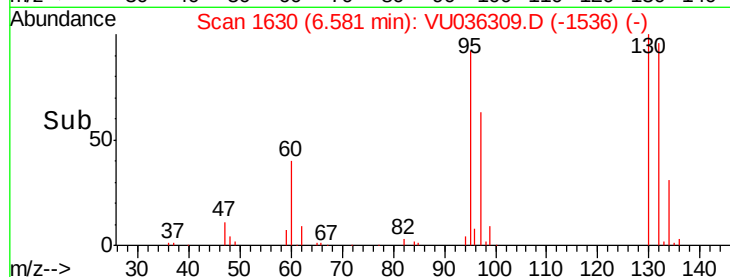
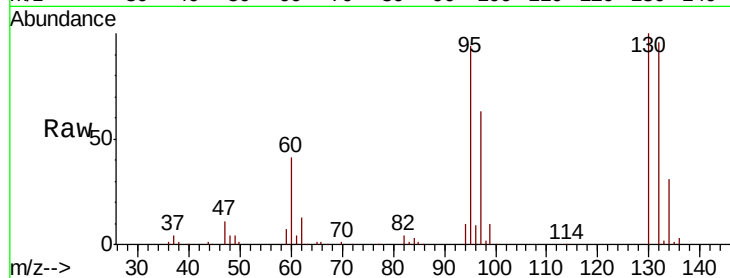
Ion Ratio Lower Upper

95 100

97 66.8 43.6 81.0

132 101.6 69.6 129.2

130 105.9 70.3 130.7

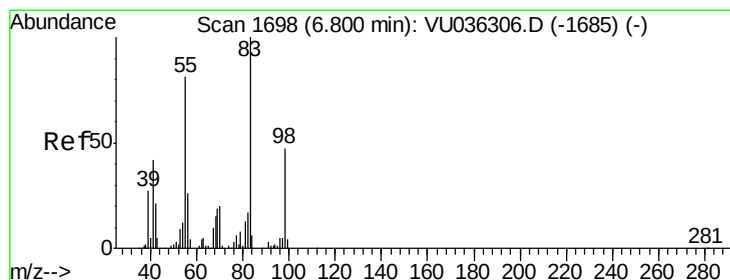
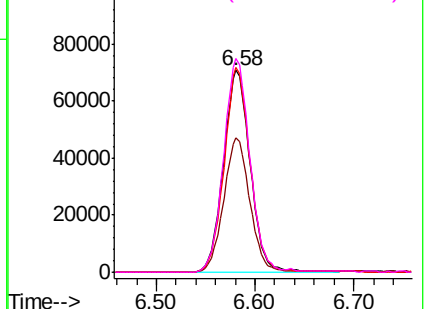


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.757 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.07 min

Lab File: VU036309.D

Acq: 20 Dec 2019 11:35

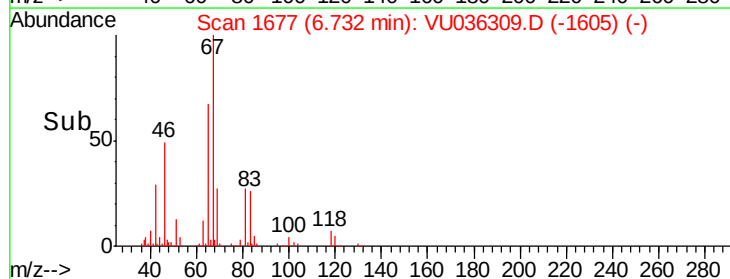
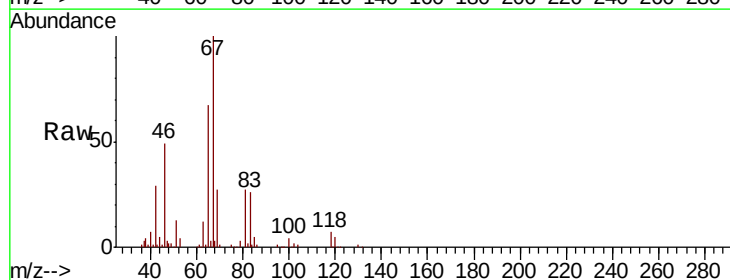
Tgt Ion: 83 Resp: 22168

Ion Ratio Lower Upper

83 100

55 0.3 62.6 94.0#

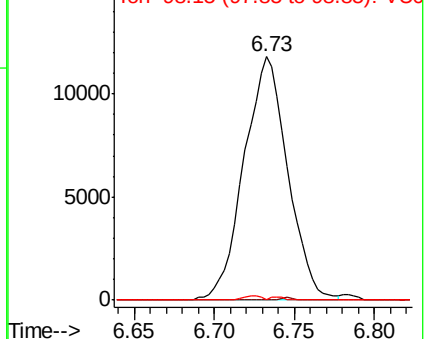
98 0.7 36.2 54.2#

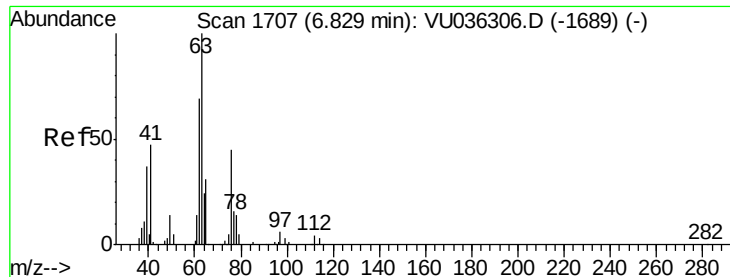


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.487 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.10 min

Lab File: VU036309.D

Acq: 20 Dec 2019 11:35

Instrument :

MSVOA_U

ClientSampleId :

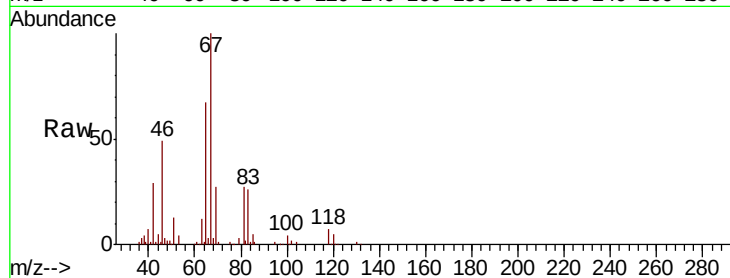
BFDW1DL

Tot Ion: 63 Resp: 9927

Ion Ratio Lower Upper

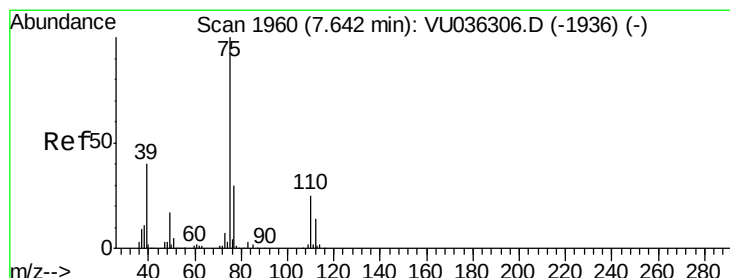
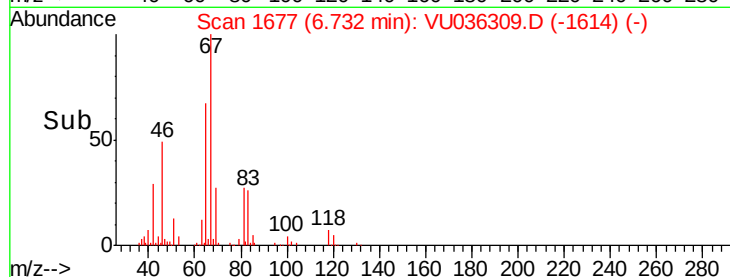
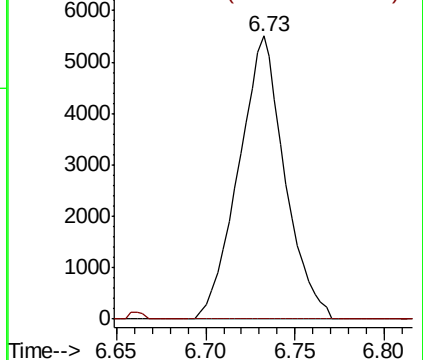
63 100

112 0.7 3.8 5.8#



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: 0.087 ug/L

RT: 7.60 min Scan# 1947

Delta R.T. -0.04 min

Lab File: VU036309.D

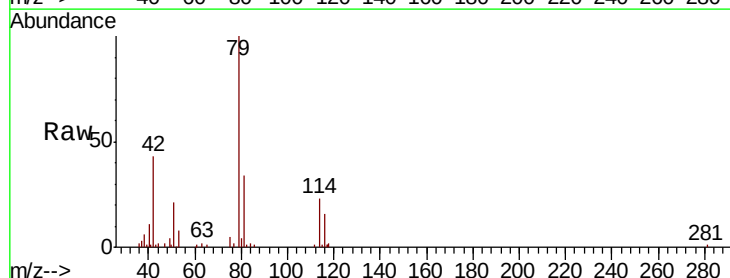
Acq: 20 Dec 2019 11:35

Tgt Ion: 75 Resp: 2423

Ion Ratio Lower Upper

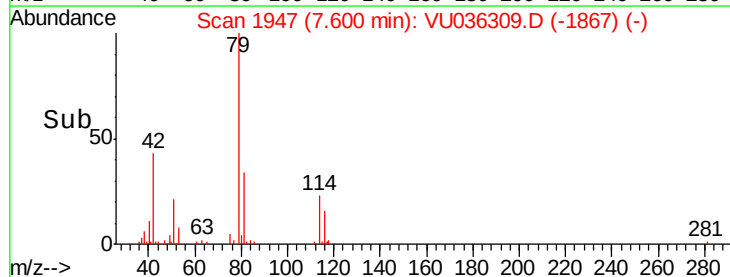
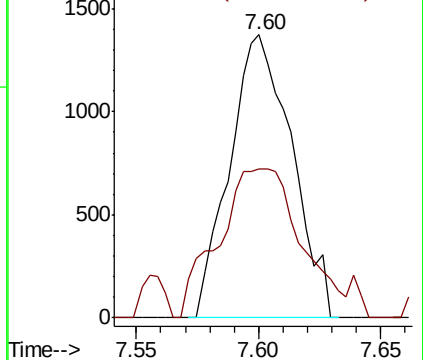
75 100

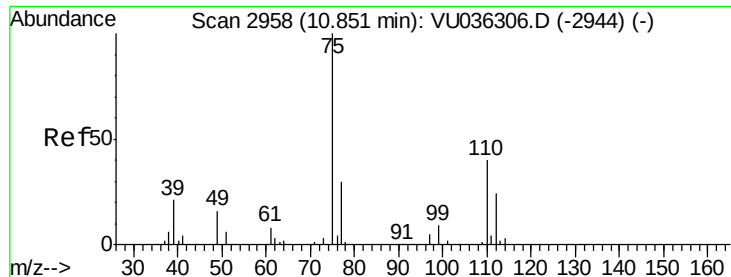
77 52.5 22.7 42.1#



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: 0.807 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.98 min

Lab File: VU036309.D

Acq: 20 Dec 2019 11:35

Instrument :

MSVOA_U

ClientSampleId :

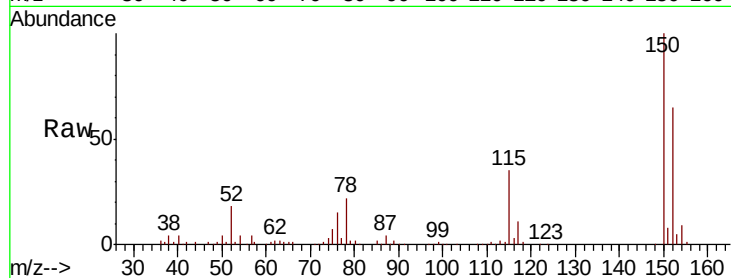
BFDW1DL

Tot Ion: 75 Resp: 10936

Ion Ratio Lower Upper

75 100

77 40.3 27.2 40.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

