

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121719\
 Data File : VU036261.D
 Acq On : 17 Dec 2019 16:07
 Operator : JC/MD
 Sample : K6281-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 18 01:27:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 18 01:23:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	247891	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	281618	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	112667	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	75460	3.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.20%
7) Chloroethane-d5	1.93	69	76781	3.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.40%
11) 1,1-Dichloroethene-d2	2.59	63	84424	2.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.60%#
20) 2-Butanone-d5	4.70	46	185222	45.29	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.58%
24) Chloroform-d	5.11	84	151300	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	5.75	65	80172	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
32) Benzene-d6	5.77	84	263646	3.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.40%
36) 1,2-Dichloropropane-d6	6.73	67	88118	3.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.00%
41) Toluene-d8	7.93	98	211448	3.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.60%#
43) trans-1,3-Dichloropropene-	8.21	79	33928	3.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.00%
46) 2-Hexanone-d5	8.68	63	144056	41.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.10%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	84182	4.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	94491	4.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.60%

Target Compounds

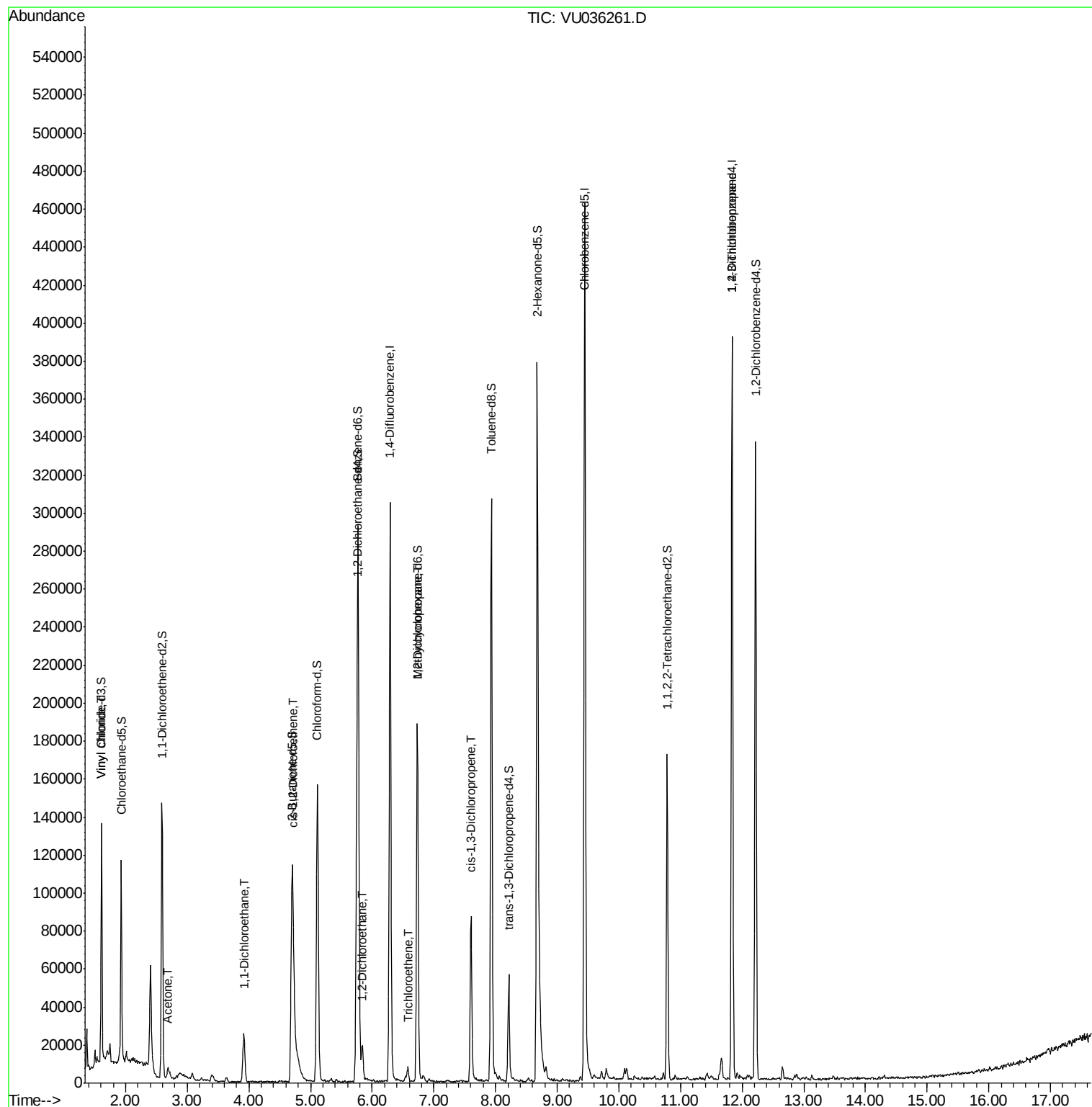
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.62	62	6391	0.194	ug/L #	78
13) Acetone	2.68	43	10158	2.850	ug/L	97
19) 1,1-Dichloroethane	3.92	63	29944	0.842	ug/L	96
22) cis-1,2-Dichloroethene	4.72	96	9630	0.466	ug/L	98
27) 1,2-Dichloroethane	5.84	62	13164	0.577	ug/L #	94
34) Trichloroethene	6.58	95	2670	0.120	ug/L	82
35) Methylcyclohexane	6.73	83	21745	0.685	ug/L #	19
39) cis-1,3-Dichloropropene	7.60	75	2318	0.077	ug/L #	55
59) 1,2,3-Trichloropropane	11.83	75	12259	0.835	ug/L #	80

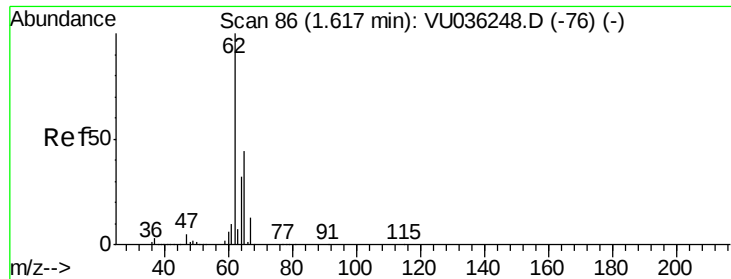
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 18 01:23:38 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.194 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

Lab File: VU036261.D

Acq: 17 Dec 2019 16:07

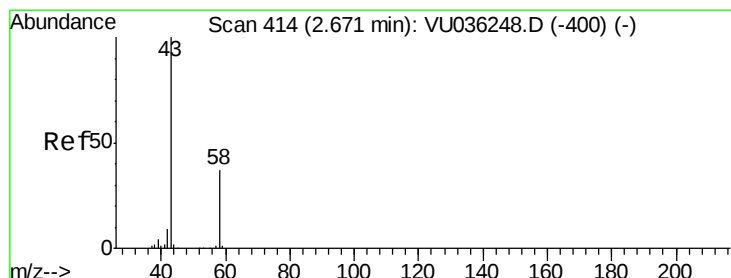
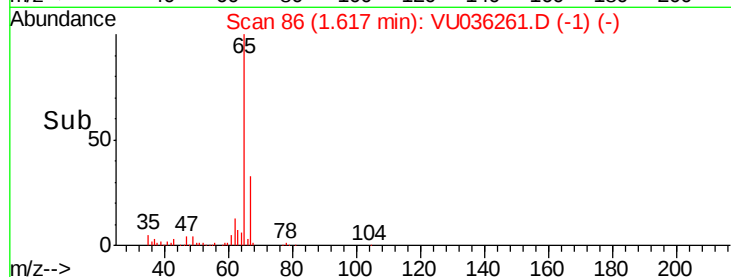
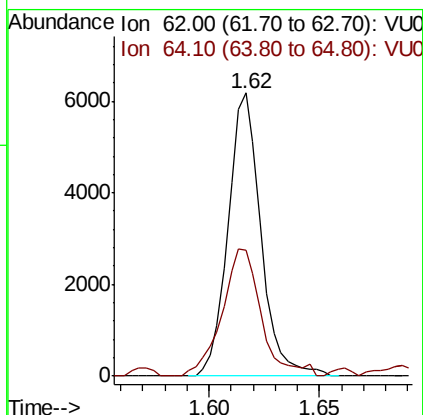
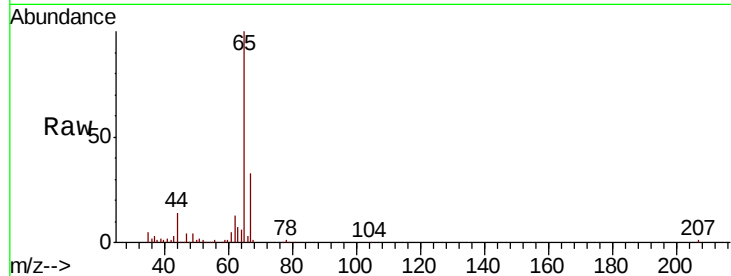
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 62 Resp: 6391

Ion Ratio Lower Upper

62 100

64 44.3 22.4 41.6#



#13

Acetone

Concen: 2.850 ug/L

RT: 2.68 min Scan# 418

Delta R.T. 0.01 min

Lab File: VU036261.D

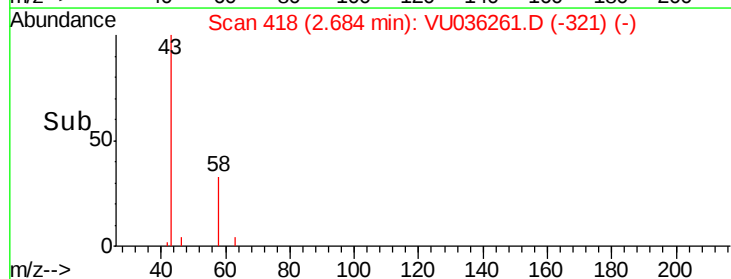
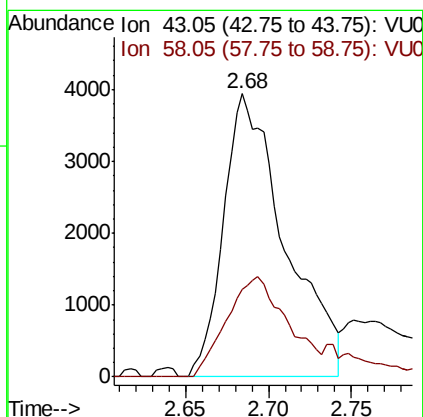
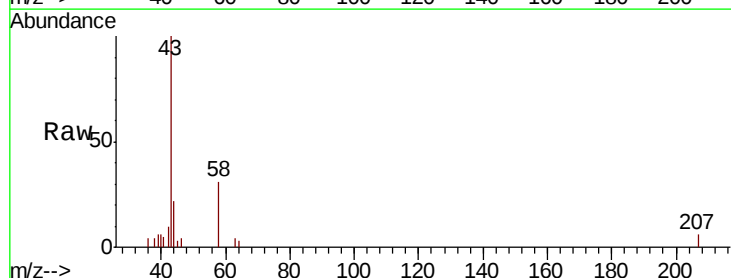
Acq: 17 Dec 2019 16:07

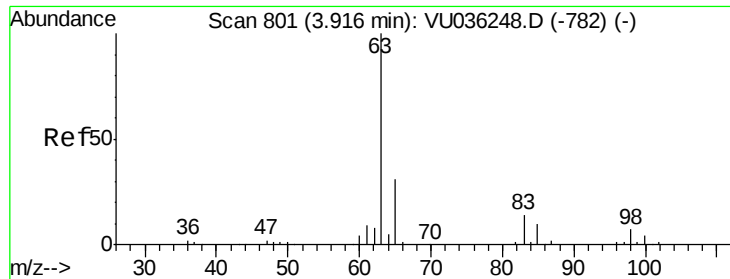
Tgt Ion: 43 Resp: 10158

Ion Ratio Lower Upper

43 100

58 35.4 0.0 67.6

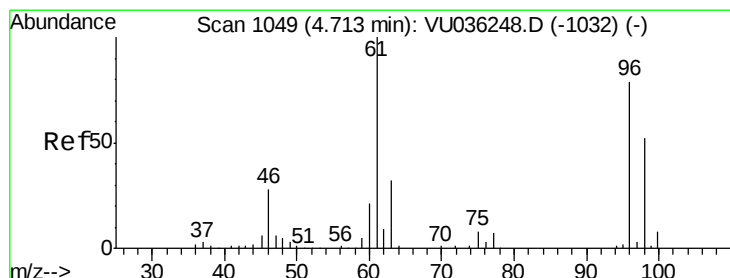
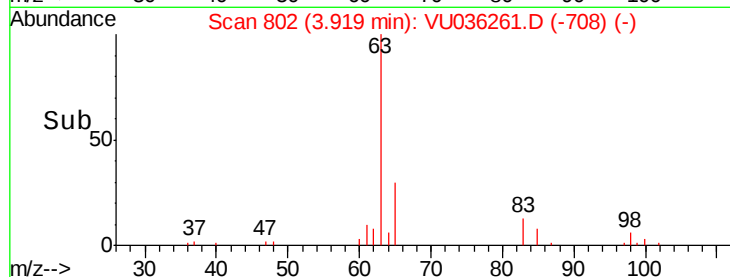
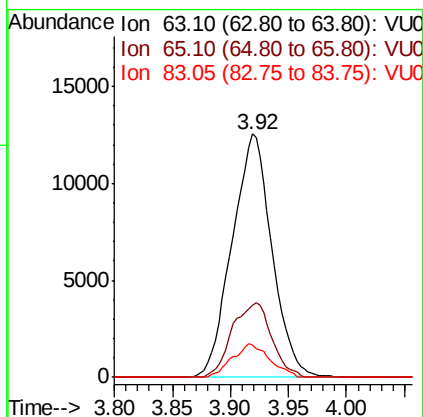
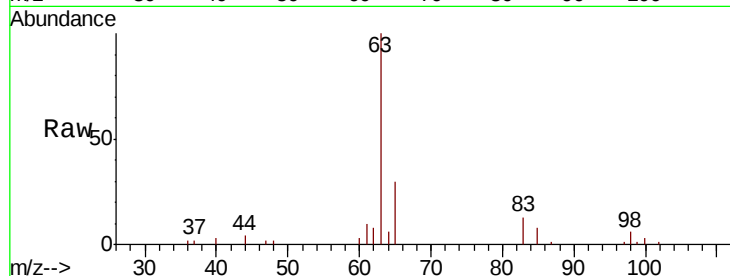




#19
 1,1-Dichloroethane
 Concen: 0.842 ug/L
 RT: 3.92 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: VU036261.D
 Acq: 17 Dec 2019 16:07

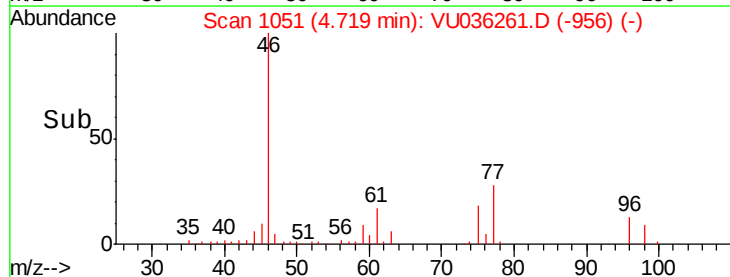
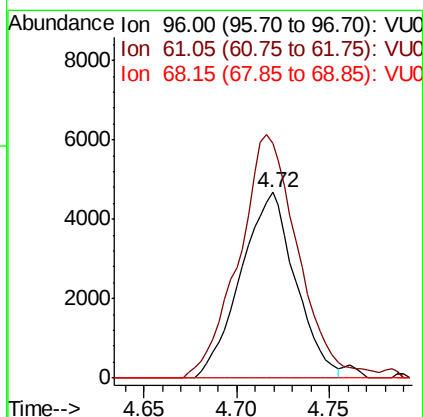
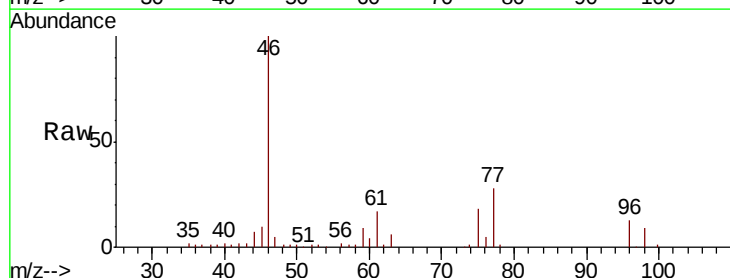
Instrument :
 MSVOA_U
 ClientSampleId :

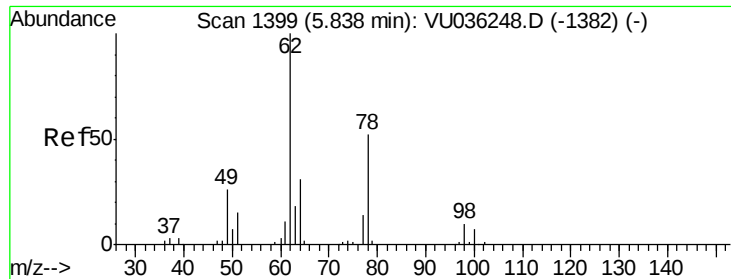
Tot Ion: 63 Resp: 29944
 Ion Ratio Lower Upper
 63 100
 65 29.9 22.6 42.0
 83 13.2 9.7 18.1



#22
 cis-1,2-Dichloroethene
 Concen: 0.466 ug/L
 RT: 4.72 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VU036261.D
 Acq: 17 Dec 2019 16:07

Tgt Ion: 96 Resp: 9630
 Ion Ratio Lower Upper
 96 100
 61 126.6 86.7 161.1
 68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 0.577 ug/L

RT: 5.84 min Scan# 1400

Delta R.T. 0.00 min

Lab File: VU036261.D

Acq: 17 Dec 2019 16:07

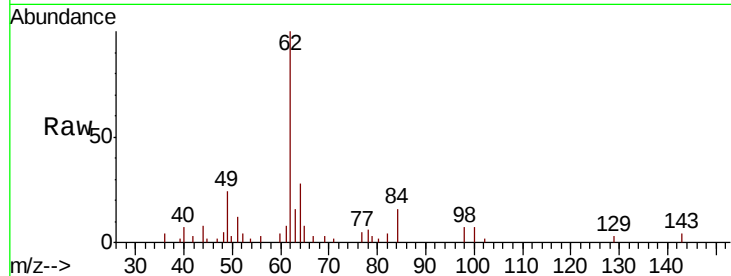
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 62 Resp: 13164

Ion Ratio Lower Upper

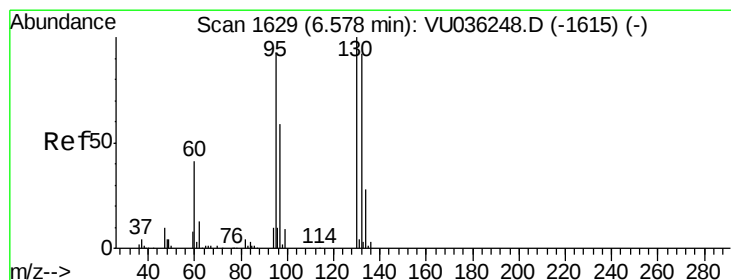
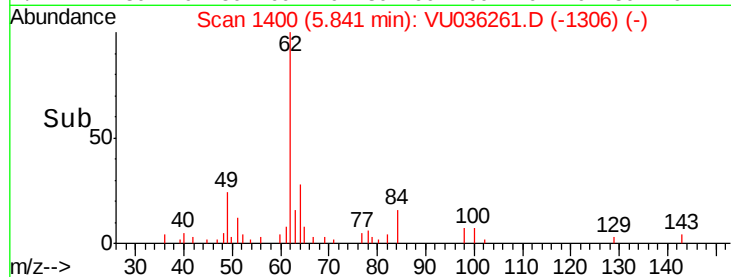
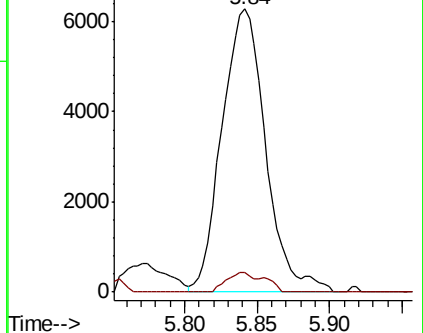
62 100

98 6.8 7.3 10.9#



Abundance Ion 62.00 (61.70 to 62.70): VU036248.D (-1382) (-)

Ion 98.05 (97.75 to 98.75): VU036248.D (-1382) (-)



#34

Trichloroethene

Concen: 0.120 ug/L

RT: 6.58 min Scan# 1631

Delta R.T. 0.01 min

Lab File: VU036261.D

Acq: 17 Dec 2019 16:07

Tgt Ion: 95 Resp: 2670

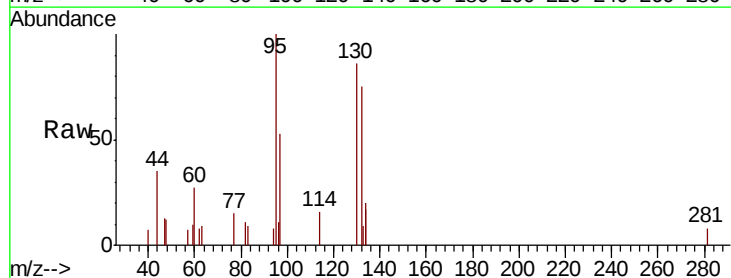
Ion Ratio Lower Upper

95 100

97 53.1 43.6 81.0

132 74.5 69.6 129.2

130 86.3 70.3 130.7

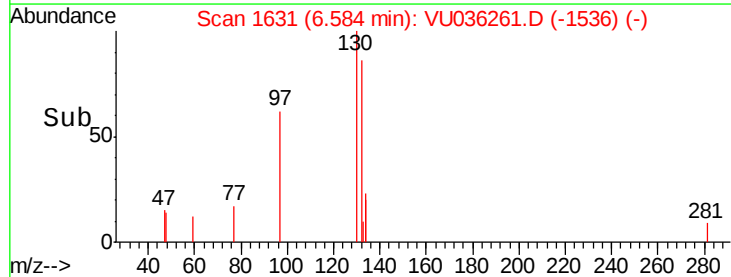
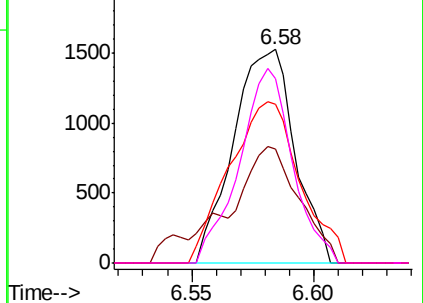


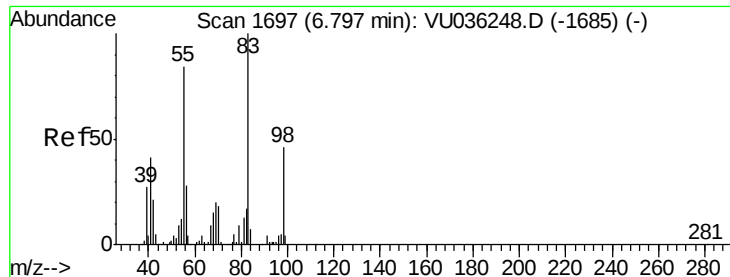
Abundance Ion 95.00 (94.70 to 95.70): VU036248.D (-1615) (-)

Ion 96.95 (96.65 to 97.65): VU036248.D (-1615) (-)

Ion 131.95 (131.65 to 132.65): VU036248.D (-1615) (-)

Ion 129.95 (129.65 to 130.65): VU036248.D (-1615) (-)





#35

Methylcyclohexane

Concen: 0.685 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.06 min

Lab File: VU036261.D

Acq: 17 Dec 2019 16:07

Instrument :

MSVOA_U

ClientSampled :

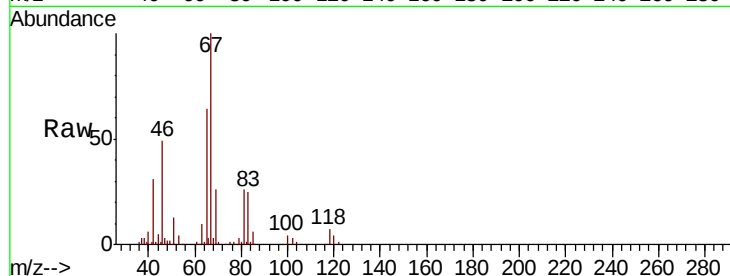
Tot Ion: 83 Resp: 21745

Ion Ratio Lower Upper

83 100

55 0.6 62.6 94.0#

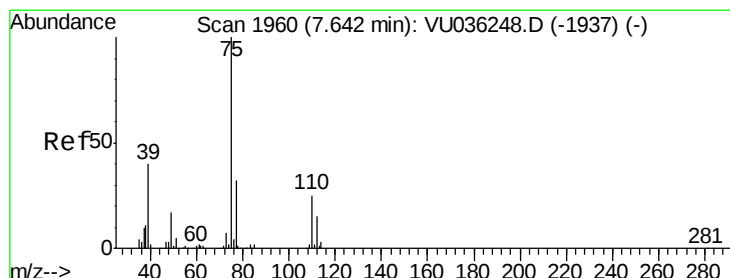
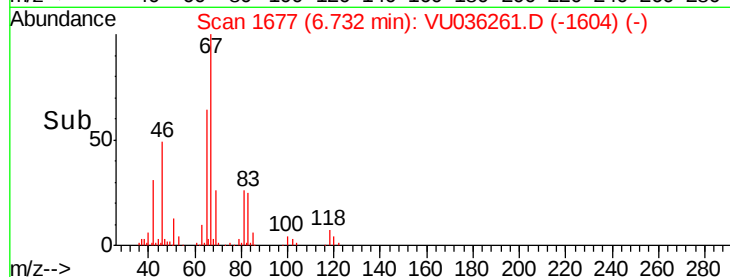
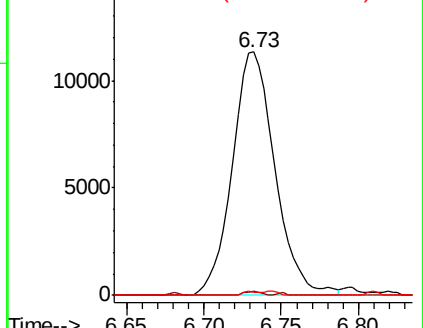
98 0.6 36.2 54.2#



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



#39

cis-1,3-Dichloropropene

Concen: 0.077 ug/L

RT: 7.60 min Scan# 1947

Delta R.T. -0.04 min

Lab File: VU036261.D

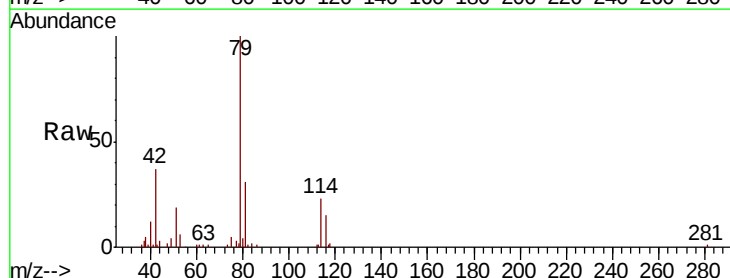
Acq: 17 Dec 2019 16:07

Tgt Ion: 75 Resp: 2318

Ion Ratio Lower Upper

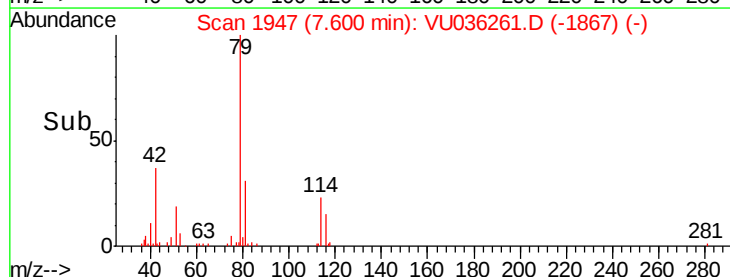
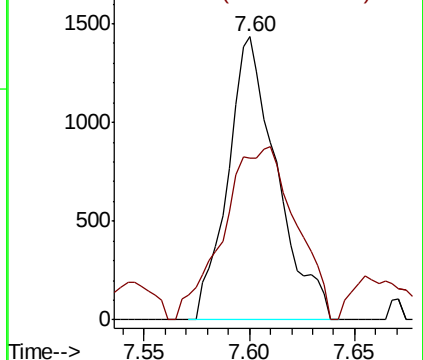
75 100

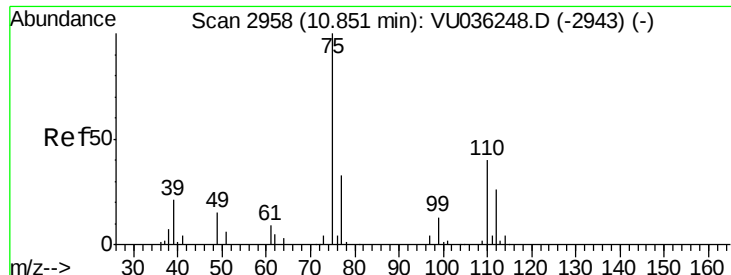
77 57.4 22.7 42.1#



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: 0.835 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.98 min

Lab File: VU036261.D

Acq: 17 Dec 2019 16:07

Instrument :

MSVOA_U

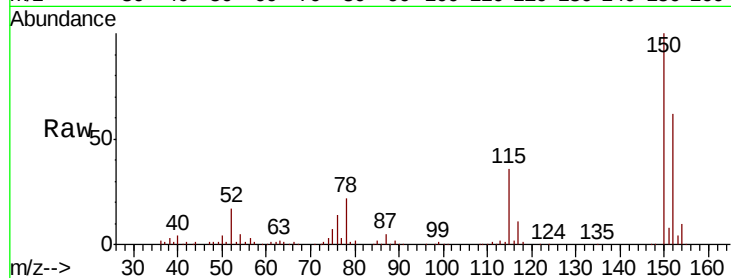
ClientSampleId :

Tot Ion: 75 Resp: 12259

Ion Ratio Lower Upper

75 100

77 45.5 27.2 40.8#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

