

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121719\
 Data File : VU036259.D
 Acq On : 17 Dec 2019 15:19
 Operator : JC/MD
 Sample : K6214-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 18 01:27:06 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	241709	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	275431	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	82453	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	79186	3.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.40%
7) Chloroethane-d5	1.93	69	81427	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.40%
11) 1,1-Dichloroethene-d2	2.59	63	90043	2.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.60%#
20) 2-Butanone-d5	4.68	46	192053	48.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.32%
24) Chloroform-d	5.11	84	124303	3.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.60%
26) 1,2-Dichloroethane-d4	5.75	65	87142	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.77	84	286094	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.60%
36) 1,2-Dichloropropane-d6	6.73	67	94884	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.00%
41) Toluene-d8	7.93	98	229868	3.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.60%
43) trans-1,3-Dichloropropene-	8.21	79	37205	4.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.00%
46) 2-Hexanone-d5	8.69	63	143473	41.80	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.60%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	85448	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	73342	4.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.00%

Target Compounds

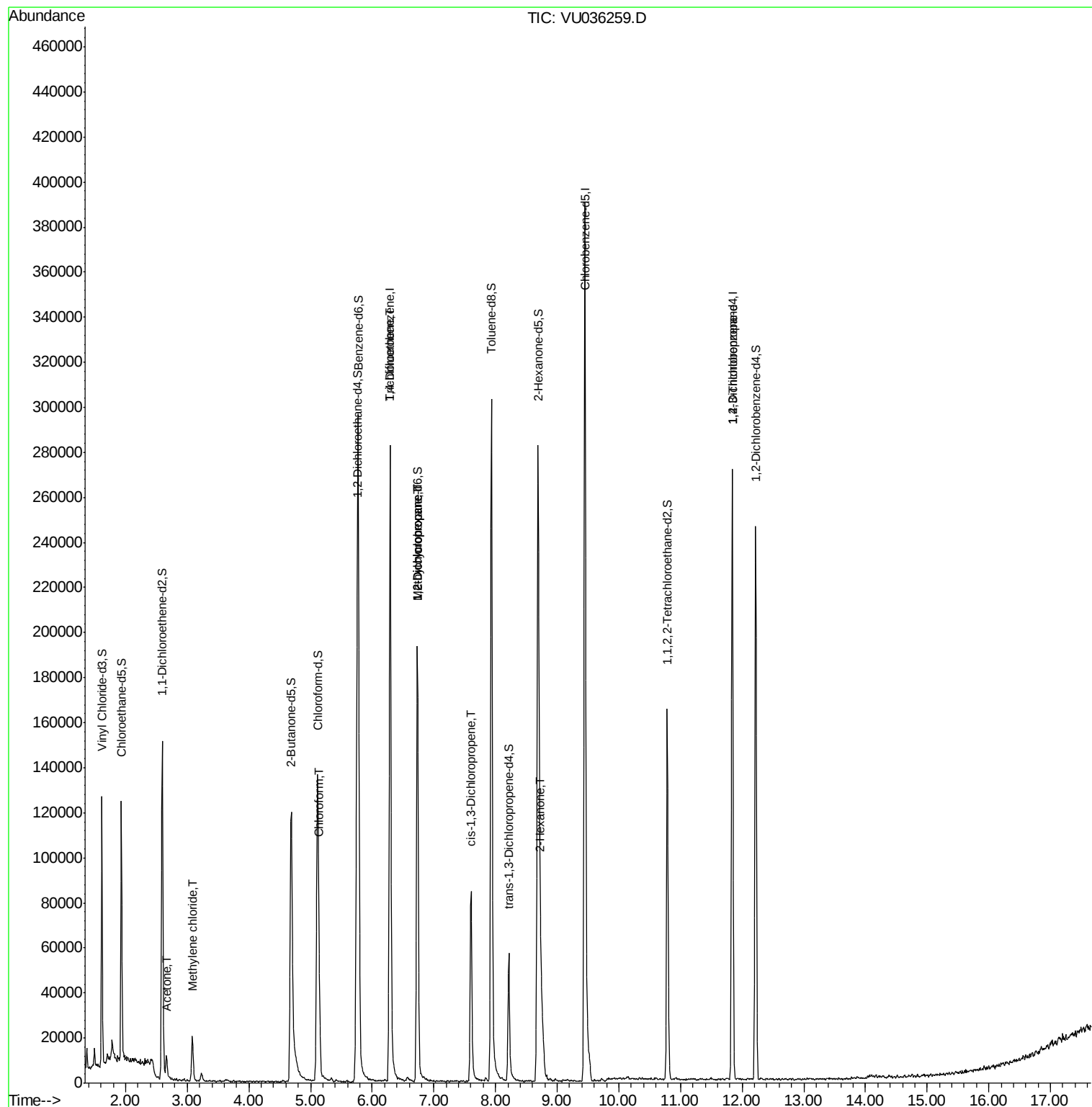
					Ovalue
13) Acetone	2.67	43	12220	3.516	ug/L 96
16) Methylene chloride	3.08	84	9990	0.379	ug/L 95
25) Chloroform	5.14	83	32436	0.865	ug/L 95
34) Trichloroethene	6.29	95	4794	0.220	ug/L # 5
35) Methylcyclohexane	6.73	83	22791	0.735	ug/L # 18
37) 1,2-Dichloropropane	6.73	63	9905	0.459	ug/L # 85
39) cis-1,3-Dichloropropene	7.60	75	2336	0.079	ug/L # 51
48) 2-Hexanone	8.74	43	8394	0.996	ug/L # 87
59) 1,2,3-Trichloropropane	11.84	75	8406	0.586	ug/L 97

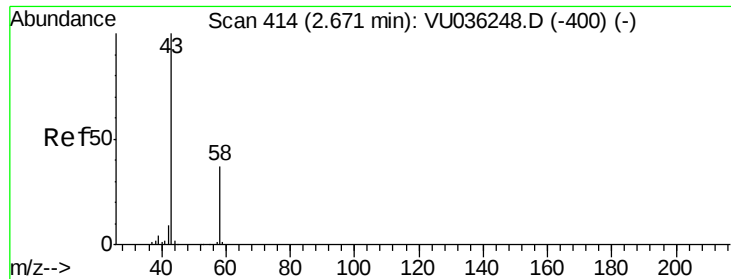
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121719\
Data File : VU036259.D
Acq On : 17 Dec 2019 15:19
Operator : JC/MD
Sample : K6214-10
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 18 01:27:06 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





#13

Acetone

Concen: 3.516 ug/L

RT: 2.67 min Scan# 412

Delta R.T. -0.01 min

Lab File: VU036259.D

Acq: 17 Dec 2019 15:19

Instrument :

MSVOA_U

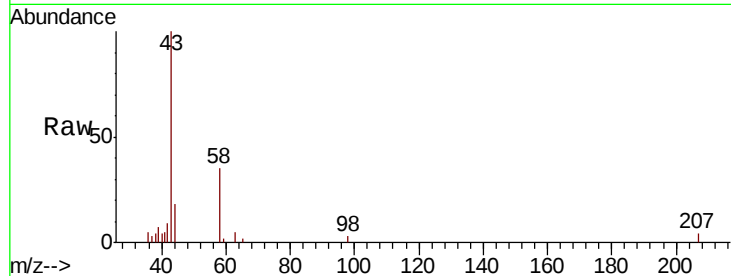
ClientSampleId :

Tot Ion: 43 Resp: 12220

Ion Ratio Lower Upper

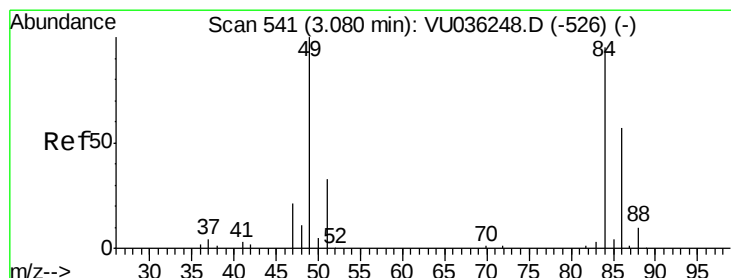
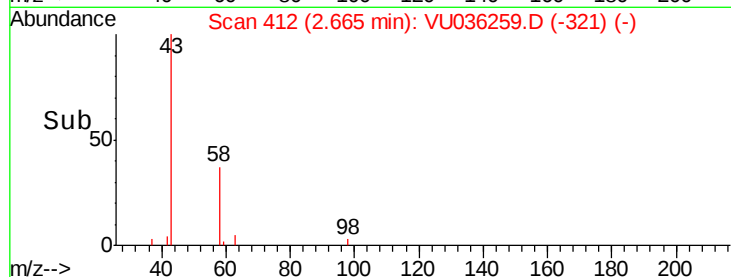
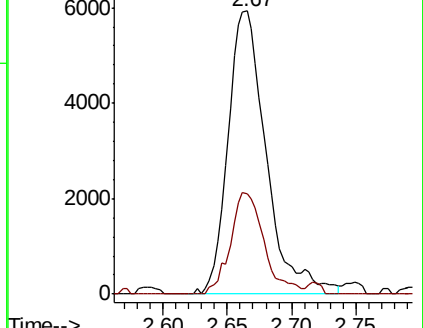
43 100

58 31.5 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU036248.D (-400) (-)

Ion 58.05 (57.75 to 58.75): VU036248.D (-400) (-)



#16

Methylene chloride

Concen: 0.379 ug/L

RT: 3.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: VU036259.D

Acq: 17 Dec 2019 15:19

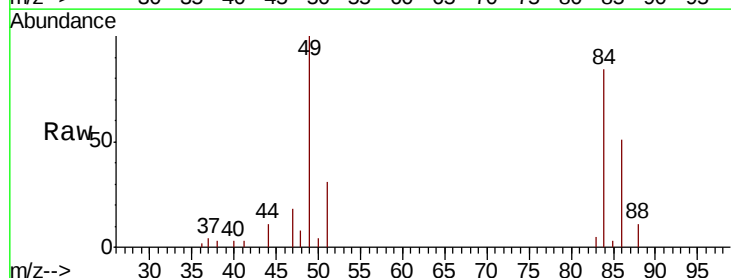
Tgt Ion: 84 Resp: 9990

Ion Ratio Lower Upper

84 100

86 60.6 43.0 79.8

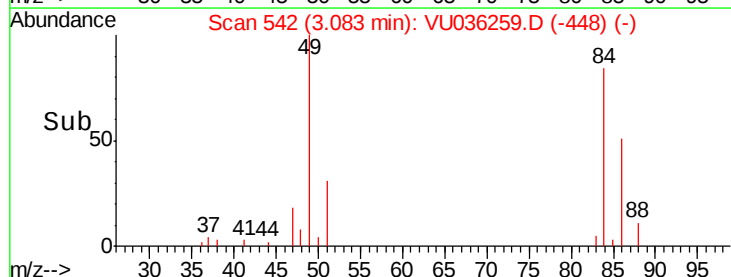
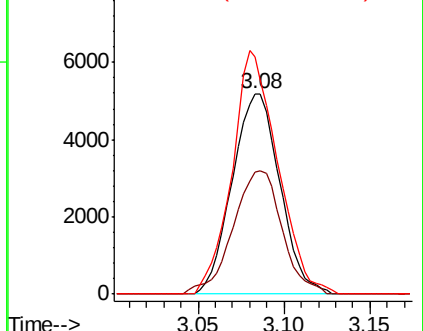
49 118.4 77.3 143.5

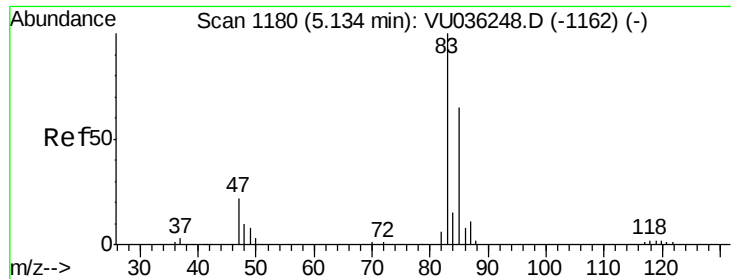


Abundance Ion 84.05 (83.75 to 84.75): VU036248.D (-526) (-)

Ion 86.00 (85.70 to 86.70): VU036248.D (-526) (-)

Ion 49.10 (48.80 to 49.80): VU036248.D (-526) (-)

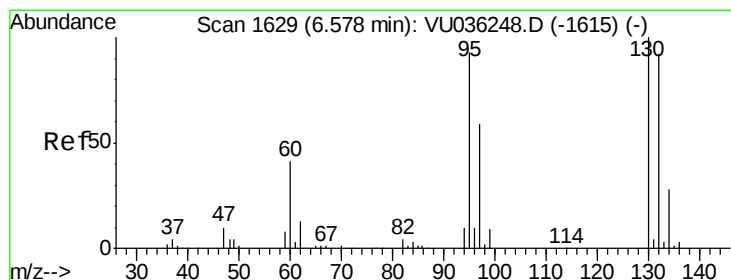
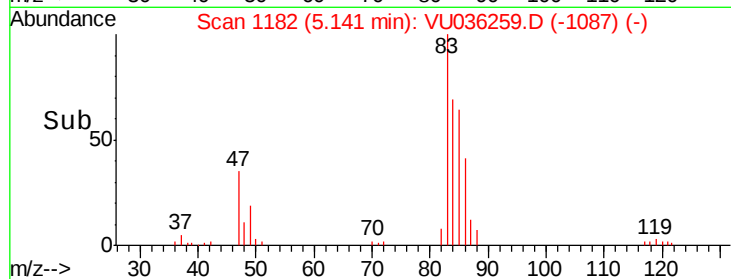
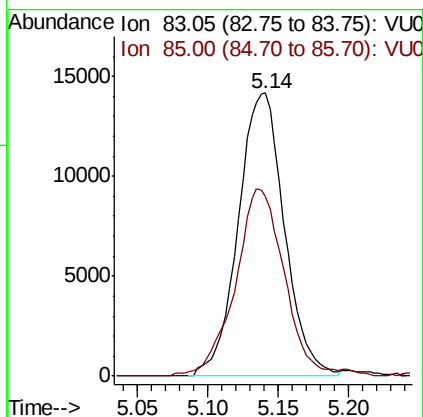
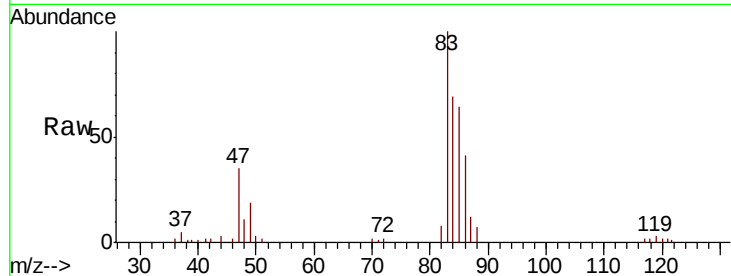




#25
Chloroform
Concen: 0.865 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VU036259.D
Acq: 17 Dec 2019 15:19

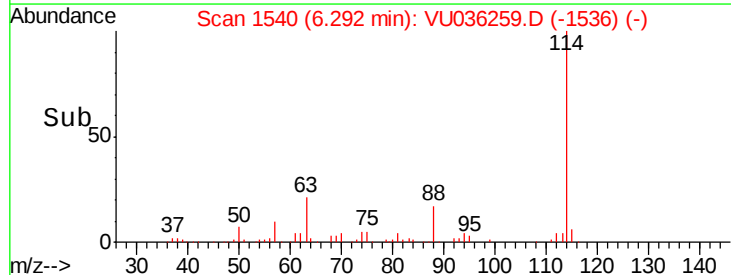
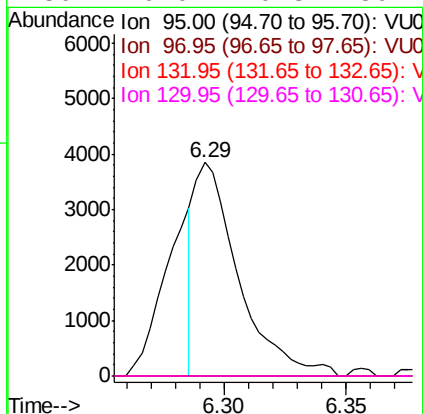
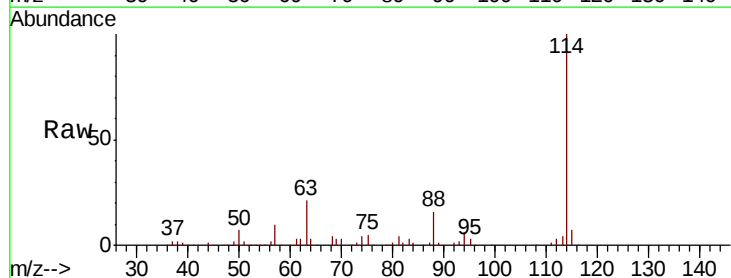
Instrument :
MSVOA_U
ClientSampleId :

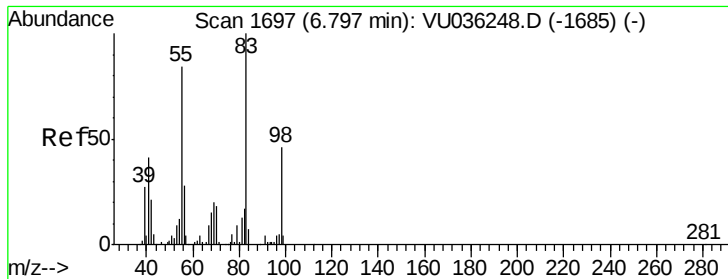
Tot Ion: 83 Resp: 32436
Ion Ratio Lower Upper
83 100
85 63.6 47.5 88.1



#34
Trichloroethene
Concen: 0.220 ug/L
RT: 6.29 min Scan# 1540
Delta R.T. -0.29 min
Lab File: VU036259.D
Acq: 17 Dec 2019 15:19

Tgt Ion: 95 Resp: 4794
Ion Ratio Lower Upper
95 100
97 0.0 43.6 81.0#
132 0.0 69.6 129.2#
130 0.0 70.3 130.7#





#35

Methvlcvclohexane

Concen: 0.735 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.06 min

Lab File: VU036259.D

Acq: 17 Dec 2019 15:19

Instrument :

MSVOA_U

ClientSampleId :

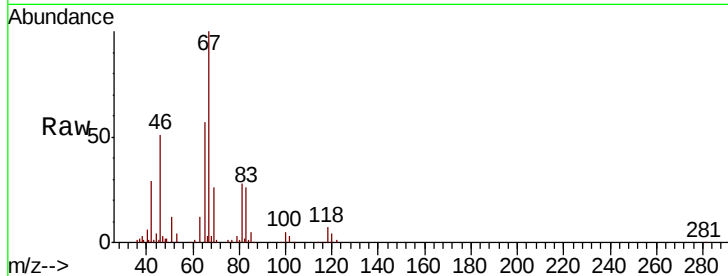
Tot Ion: 83 Resp: 22791

Ion Ratio Lower Upper

83 100

55 0.2 62.6 94.0#

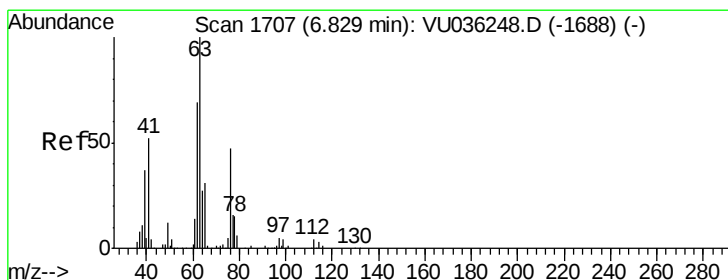
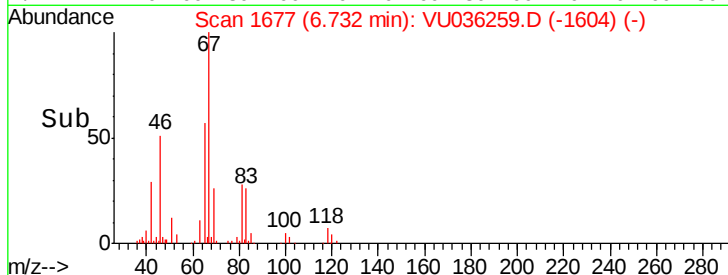
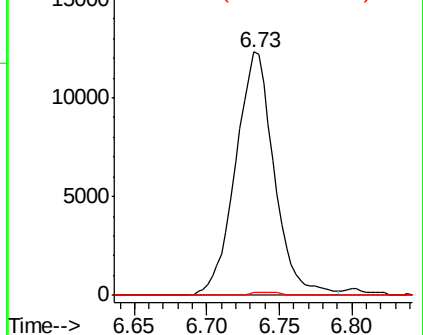
98 0.9 36.2 54.2#



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: 0.459 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.10 min

Lab File: VU036259.D

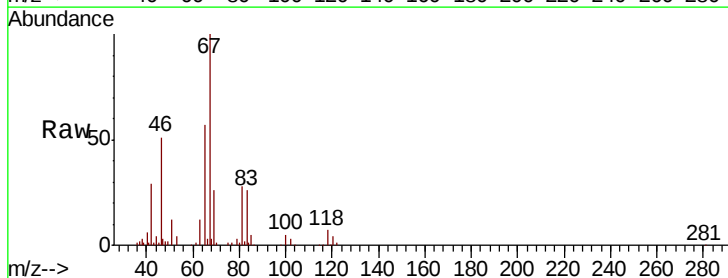
Acq: 17 Dec 2019 15:19

Tgt Ion: 63 Resp: 9905

Ion Ratio Lower Upper

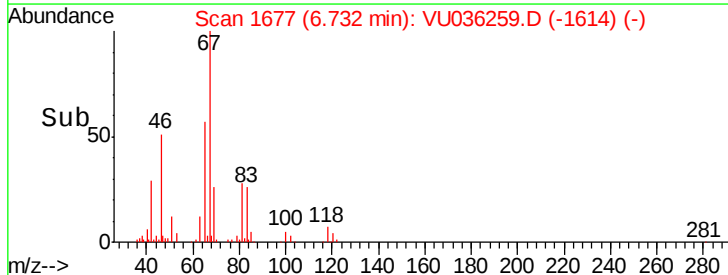
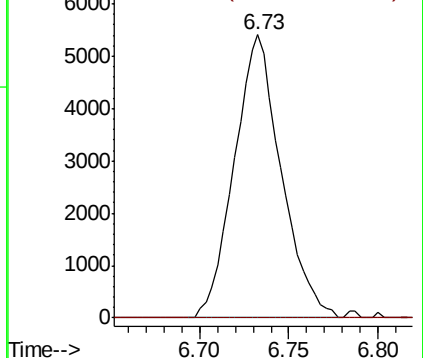
63 100

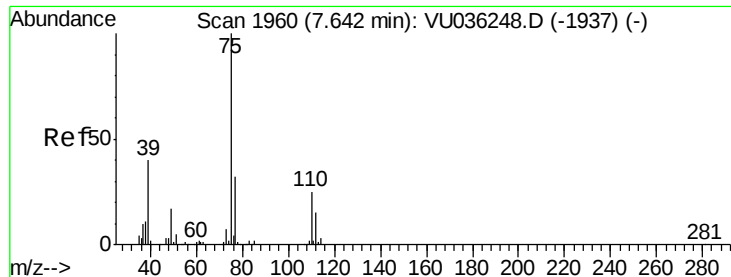
112 0.0 3.8 5.8#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V

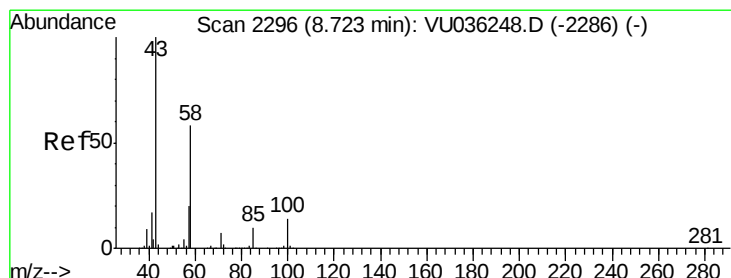
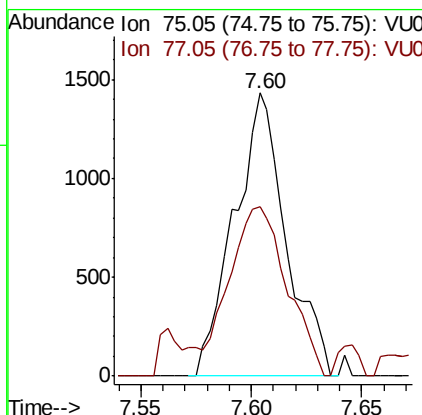
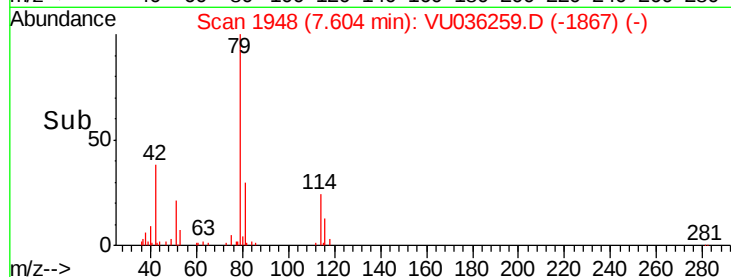
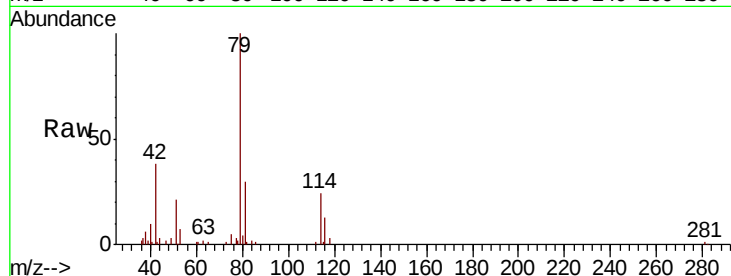




#39
 cis-1,3-Dichloropropene
 Concen: 0.079 ug/L
 RT: 7.60 min Scan# 1948
 Delta R.T. -0.04 min
 Lab File: VU036259.D
 Acq: 17 Dec 2019 15:19

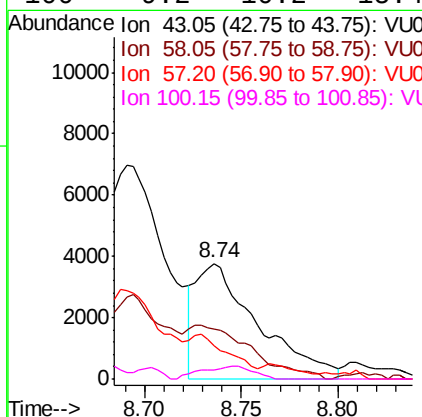
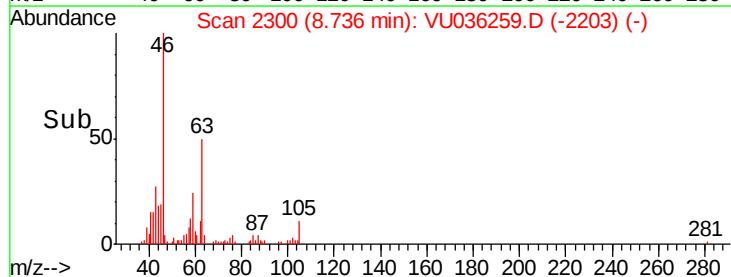
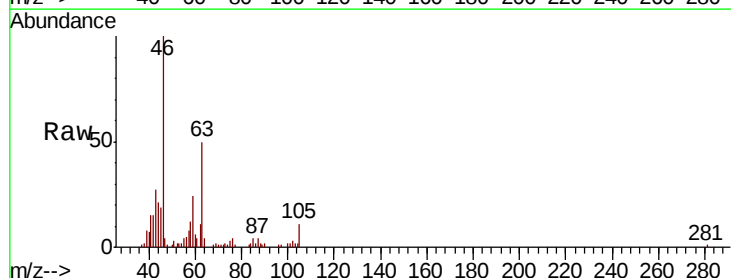
Instrument :
 MSVOA_U
 ClientSampleId :

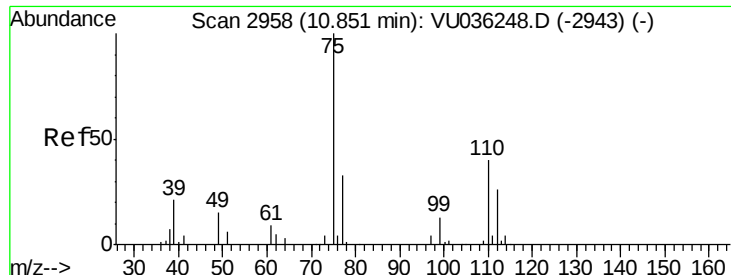
Tot Ion: 75 Resp: 2336
 Ion Ratio Lower Upper
 75 100
 77 59.6 22.7 42.1#



#48
 2-Hexanone
 Concen: 0.996 ug/L
 RT: 8.74 min Scan# 2300
 Delta R.T. 0.01 min
 Lab File: VU036259.D
 Acq: 17 Dec 2019 15:19

Tgt Ion: 43 Resp: 8394
 Ion Ratio Lower Upper
 43 100
 58 47.4 46.2 69.2
 57 25.8 16.2 24.4#
 100 9.2 10.2 15.4#





#59

1,2,3-Trichloropropane

Concen: 0.586 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU036259.D

Acq: 17 Dec 2019 15:19

Instrument :

MSVOA_U

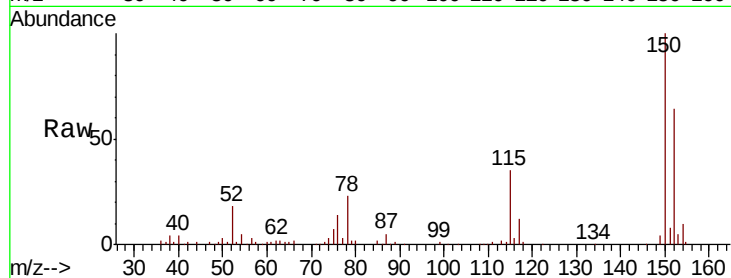
ClientSampleId :

Tot Ion: 75 Resp: 8406

Ion Ratio Lower Upper

75 100

77 35.9 27.2 40.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

