

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112719\
 Data File : VU035896.D
 Acq On : 27 Nov 2019 14:58
 Operator : JC/SP
 Sample : K6057-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 28 05:01:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 28 04:57:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	324655	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	343027	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	84772	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	134105	3.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.20%
7) Chloroethane-d5	1.93	69	126357	3.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.80%
11) 1,1-Dichloroethene-d2	2.59	63	166969	2.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	42.40%#
20) 2-Butanone-d5	4.69	46	298753	30.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	60.88%
24) Chloroform-d	5.11	84	220370	3.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	61.40%#
26) 1,2-Dichloroethane-d4	5.75	65	129750	3.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.40%#
32) Benzene-d6	5.77	84	436603	3.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.80%#
36) 1,2-Dichloropropane-d6	6.74	67	150584	3.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	68.40%
41) Toluene-d8	7.93	98	332251	2.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	55.00%#
43) trans-1,3-Dichloropropene-	8.21	79	50913	2.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	59.20%
46) 2-Hexanone-d5	8.68	63	256115	37.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.26%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	129372	3.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	69.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	83206	4.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.40%

Target Compounds

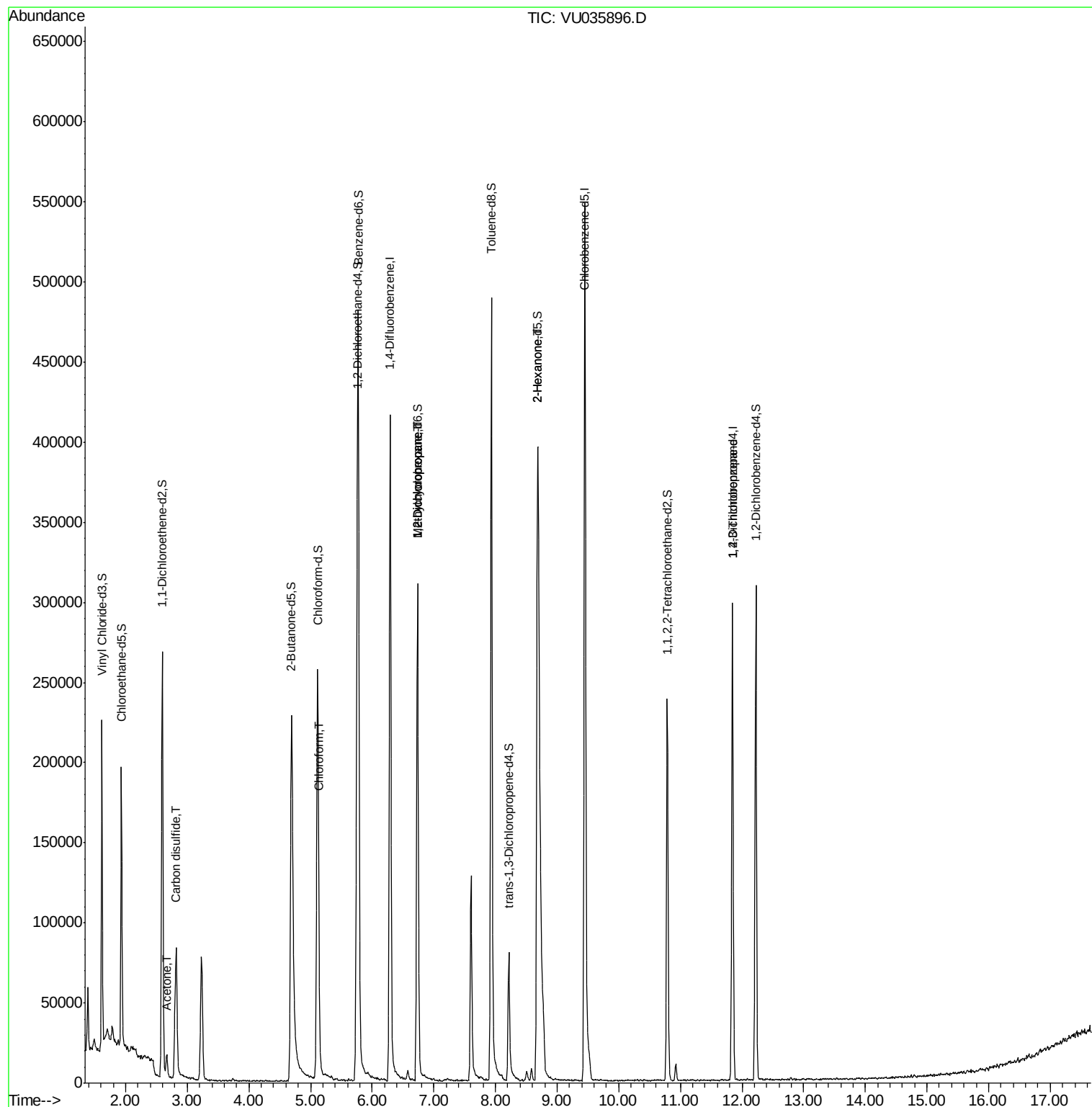
					Ovalue
13) Acetone	2.66	43	14518	1.684	ug/L 92
14) Carbon disulfide	2.83	76	85983	0.766	ug/L 98
25) Chloroform	5.14	83	12523	0.172	ug/L 96
35) Methylcyclohexane	6.73	83	33080	0.642	ug/L # 14
37) 1,2-Dichloropropane	6.73	63	16593	0.409	ug/L # 90
48) 2-Hexanone	8.69	43	41699	2.272	ug/L # 62
59) 1,2,3-Trichloropropane	11.84	75	11125	0.421	ug/L # 84

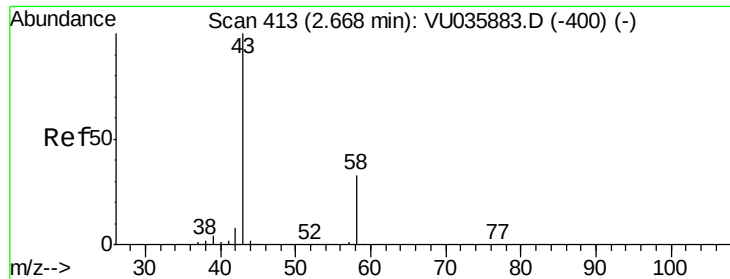
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.684 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.00 min

Lab File: VU035896.D

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Instrument :

MSVOA_U

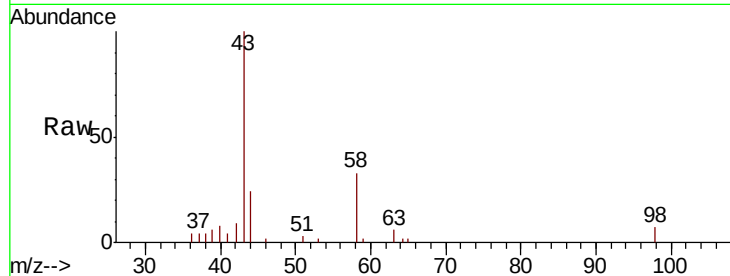
ClientSampled :

Tot Ion: 43 Resp: 14518

Ion Ratio Lower Upper

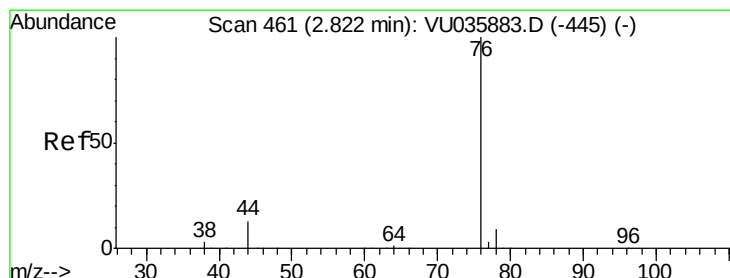
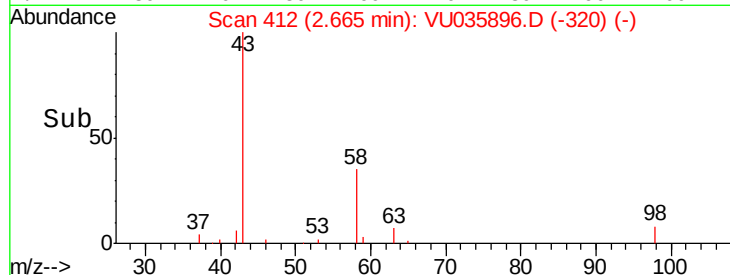
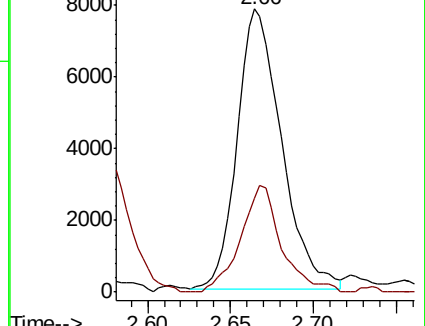
43 100

58 35.2 0.0 61.2



Abundance Ion 43.05 (42.75 to 43.75): VU035883.D (-400) (-)

Ion 58.05 (57.75 to 58.75): VU035883.D (-400) (-)



#14

Carbon disulfide

Concen: 0.766 ug/L

RT: 2.83 min Scan# 462

Delta R.T. 0.00 min

Lab File: VU035896.D

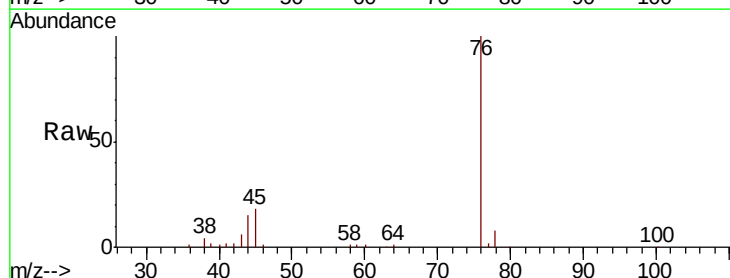
Acq: 27 Nov 2019 14:58

Tgt Ion: 76 Resp: 85983

Ion Ratio Lower Upper

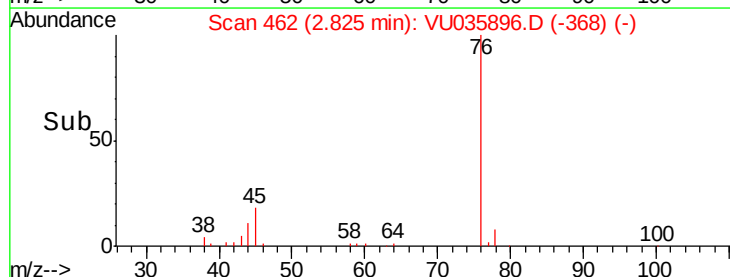
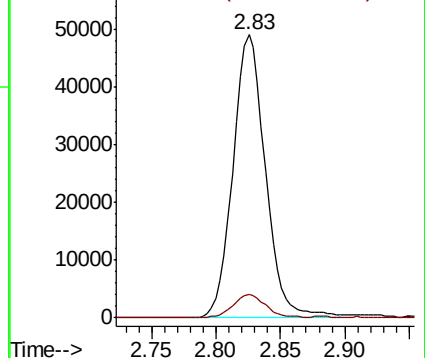
76 100

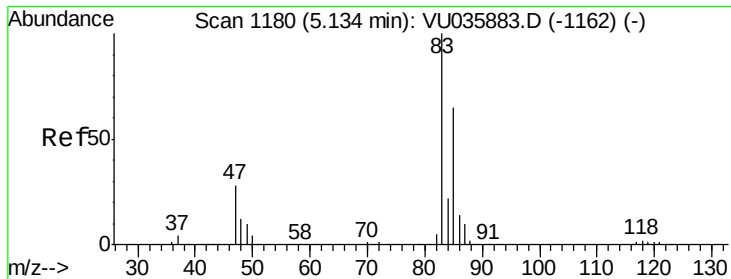
78 8.2 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VU035883.D (-445) (-)

Ion 78.00 (77.70 to 78.70): VU035883.D (-445) (-)





#25

Chloroform

Concen: 0.172 ug/L

RT: 5.14 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VU035896.D

Acq: 27 Nov 2019 14:58

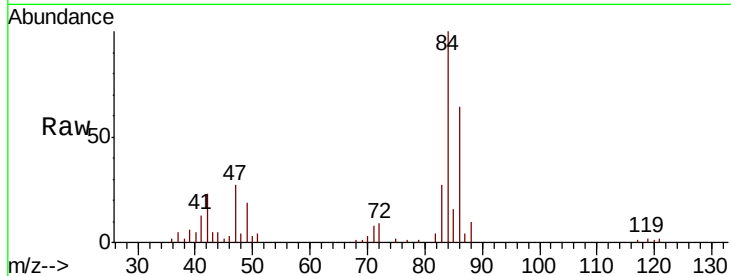
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 12523

Ion Ratio Lower Upper

83 100

85 60.2 44.6 82.8

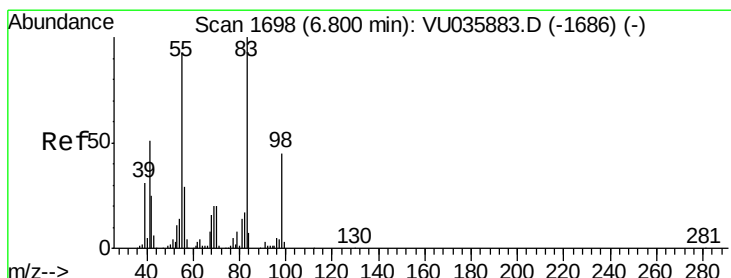
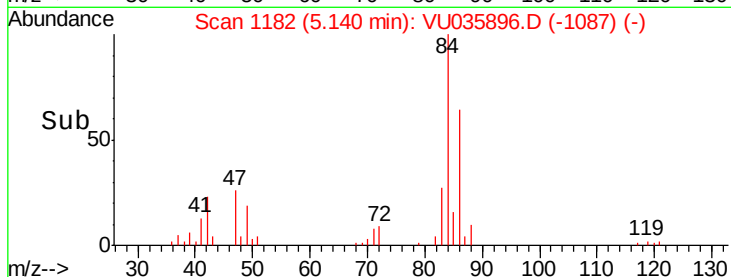


Abundance Ion 83.05 (82.75 to 83.75): VU035883.D (-1162) (-)

Ion 85.00 (84.70 to 85.70): VU035883.D (-1162) (-)

5.14

5.10 5.15 5.20



#35

Methylcyclohexane

Concen: 0.642 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.07 min

Lab File: VU035896.D

Acq: 27 Nov 2019 14:58

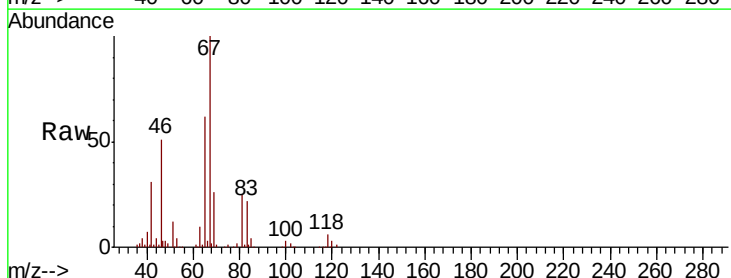
Tgt Ion: 83 Resp: 33080

Ion Ratio Lower Upper

83 100

55 0.6 72.7 109.1#

98 0.7 36.2 54.4#



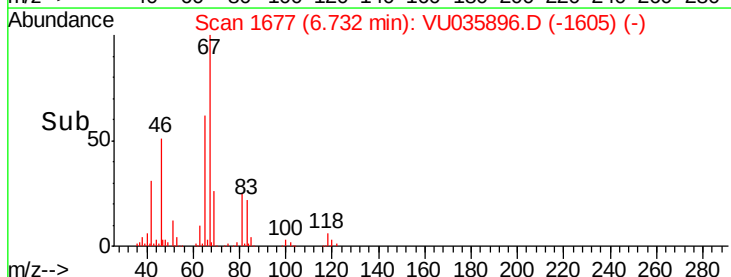
Abundance Ion 83.15 (82.85 to 83.85): VU035883.D (-1686) (-)

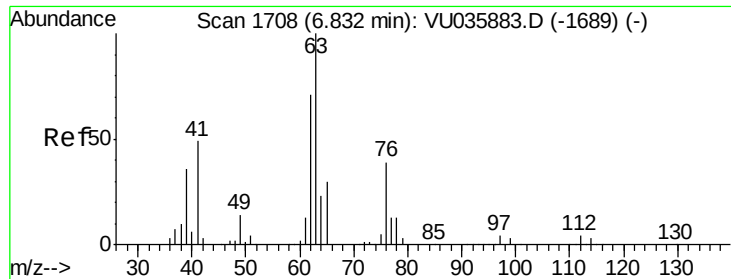
Ion 55.10 (54.80 to 55.80): VU035883.D (-1686) (-)

Ion 98.15 (97.85 to 98.85): VU035883.D (-1686) (-)

6.73

6.65 6.70 6.75 6.80

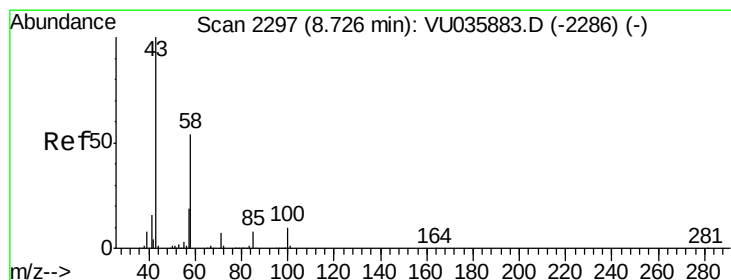
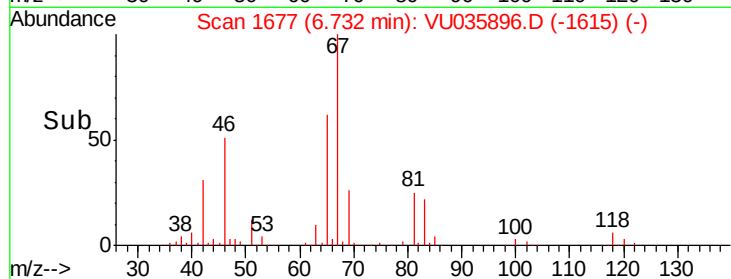
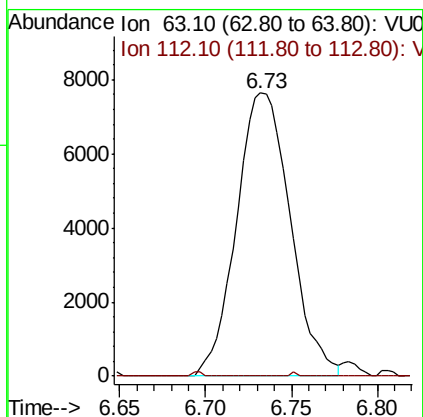
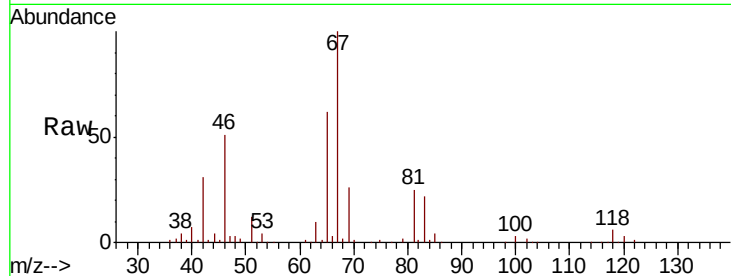




#37
 1,2-Dichloropropane
 Concen: 0.409 ug/L
 RT: 6.73 min Scan# 1677
 Delta R.T. -0.10 min
 Lab File: VU035896.D
 Acq: 27 Nov 2019 14:58

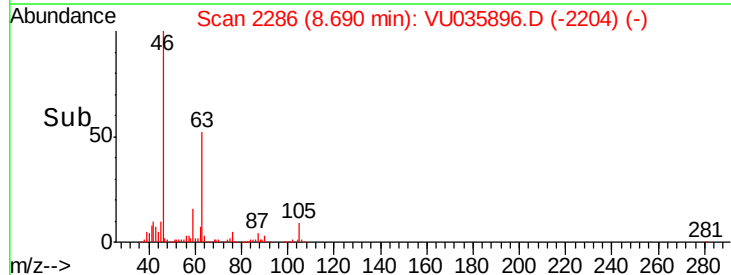
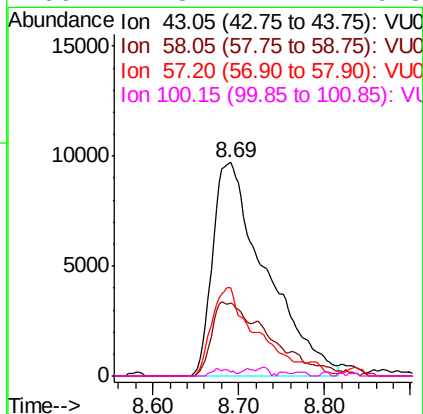
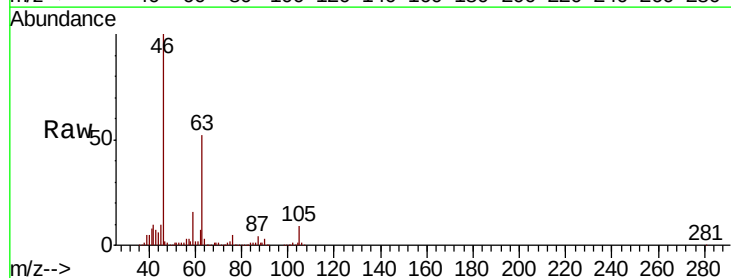
Instrument :
 MSVOA_U
 ClientSampleId :

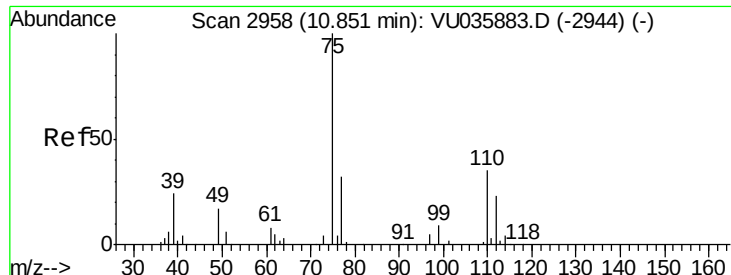
Tot Ion: 63 Resp: 16593
 Ion Ratio Lower Upper
 63 100
 112 0.1 2.7 4.1#



#48
 2-Hexanone
 Concen: 2.272 ug/L
 RT: 8.69 min Scan# 2286
 Delta R.T. -0.04 min
 Lab File: VU035896.D
 Acq: 27 Nov 2019 14:58

Tgt Ion: 43 Resp: 41699
 Ion Ratio Lower Upper
 43 100
 58 22.5 39.8 59.8#
 57 35.2 14.0 21.0#
 100 1.3 7.2 10.8#





#59

1,2,3-Trichloropropane

Concen: 0.421 ug/L

RT: 11.84 min Scan# 3267

Delta R.T. 0.99 min

Lab File: VU035896.D

Acq: 27 Nov 2019 14:58

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 11125

Ion Ratio Lower Upper

75 100

77 40.9 25.4 38.2#

