

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112719\
 Data File : VU035890.D
 Acq On : 27 Nov 2019 12:33
 Operator : JC/SP
 Sample : K6057-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 28 05:00:50 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	236074	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	270519	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	79722	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	130876	4.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.80%
7) Chloroethane-d5	1.93	69	128113	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	2.59	63	168067	2.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.60%#
20) 2-Butanone-d5	4.69	46	260522	36.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.00%
24) Chloroform-d	5.11	84	209408	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.20%
26) 1,2-Dichloroethane-d4	5.75	65	130041	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
32) Benzene-d6	5.77	84	441772	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
36) 1,2-Dichloropropane-d6	6.73	67	151353	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.00%
41) Toluene-d8	7.93	98	344408	3.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.40%
43) trans-1,3-Dichloropropene-	8.22	79	52407	3.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.40%
46) 2-Hexanone-d5	8.69	63	258560	47.54	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.08%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	131667	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	84751	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

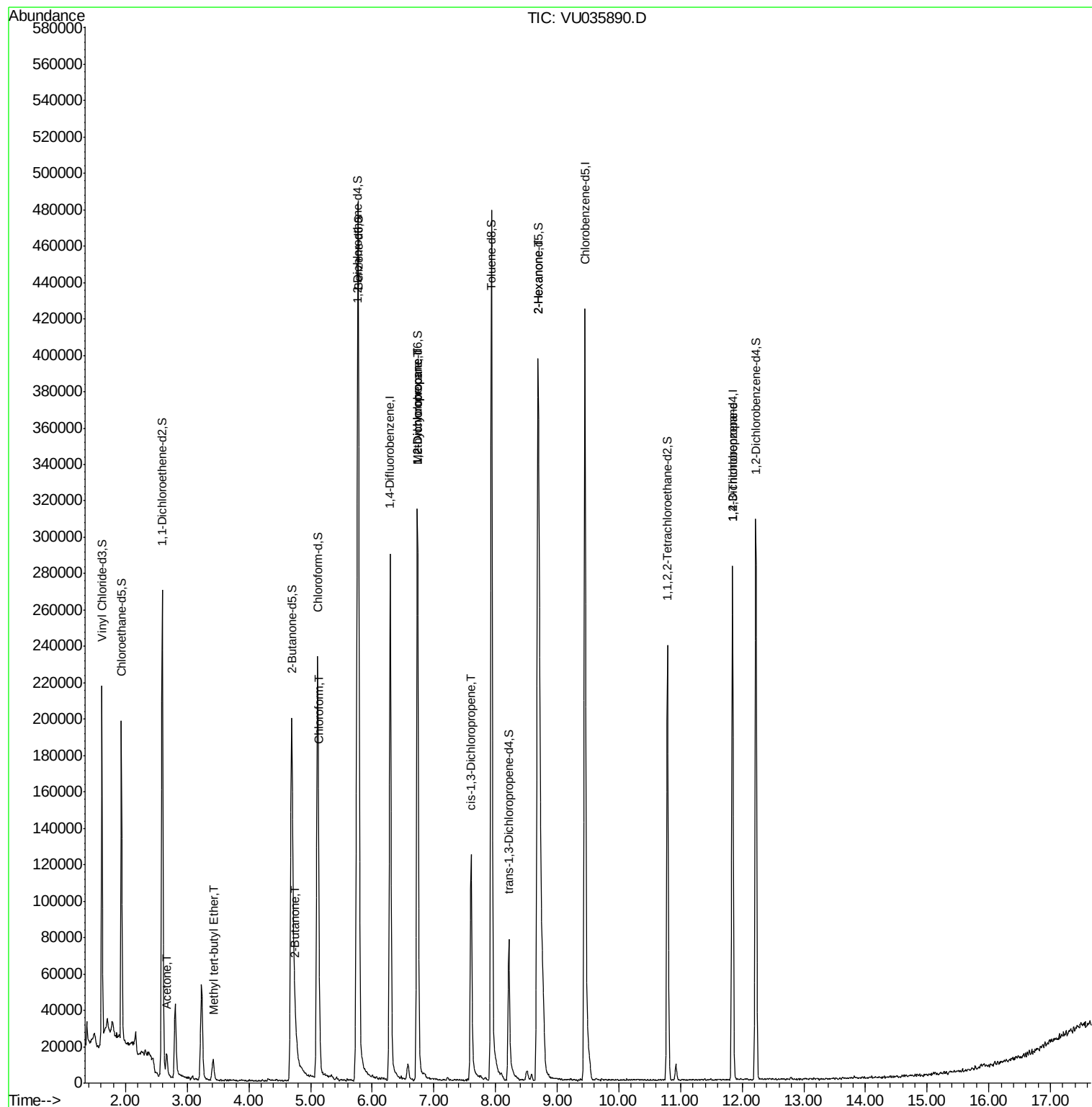
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.67	43	13511	2.156	ug/L	97
17) Methyl tert-butyl Ether	3.42	73	11424	0.192	ug/L #	94
21) 2-Butanone	4.76	43	18507	2.333	ug/L #	57
25) Chloroform	5.14	83	23345	0.441	ug/L	98
35) Methylcyclohexane	6.74	83	33440	0.823	ug/L #	13
37) 1,2-Dichloropropane	6.73	63	16760	0.523	ug/L #	91
39) cis-1,3-Dichloropropene	7.60	75	3307	0.080	ug/L #	59
48) 2-Hexanone	8.69	43	38129	2.634	ug/L #	69
59) 1,2,3-Trichloropropane	11.84	75	11047	0.531	ug/L	94

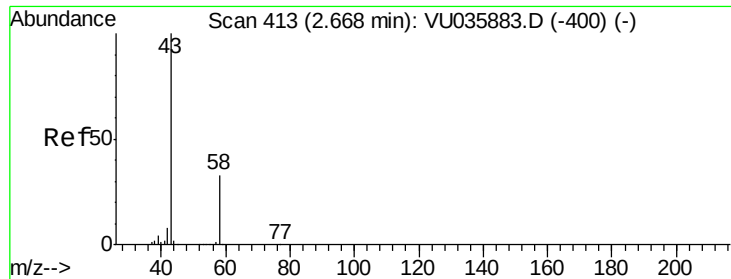
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU112719\
Data File : VU035890.D
Acq On : 27 Nov 2019 12:33
Operator : JC/SP
Sample : K6057-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 28 05:00:50 2019
Quant Method : Z:\V0ASRV\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





#13

Acetone

Concen: 2.156 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.00 min

Lab File: VU035890.D

Acq: 27 Nov 2019 12:33

Instrument :

MSVOA_U

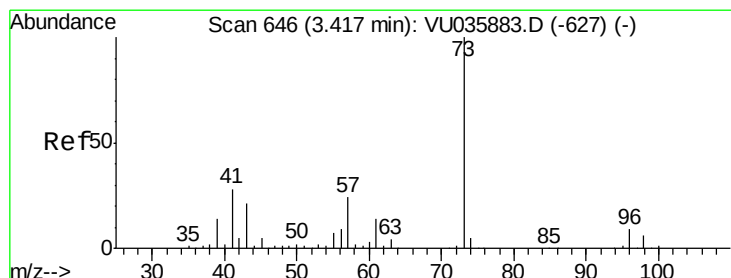
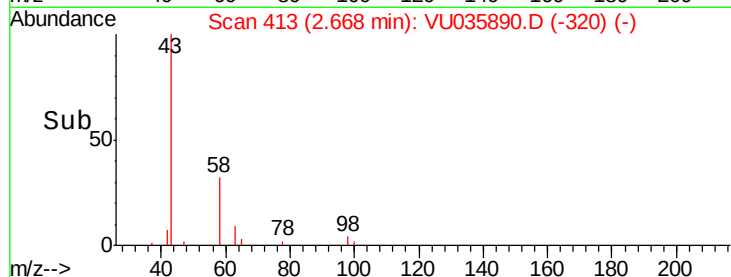
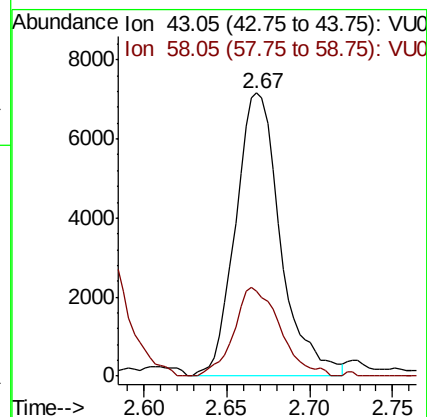
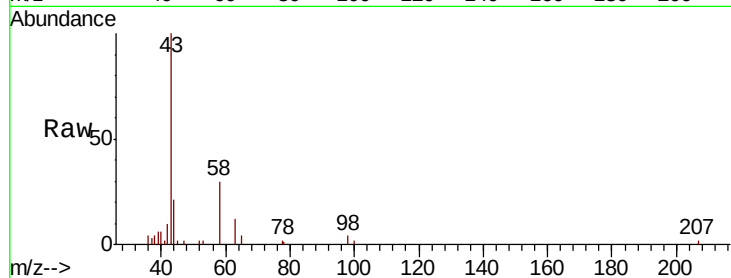
ClientSampleId :

Tot Ion: 43 Resp: 13511

Ion Ratio Lower Upper

43 100

58 32.2 0.0 61.2



#17

Methyl tert-butyl Ether

Concen: 0.192 ug/L

RT: 3.42 min Scan# 648

Delta R.T. 0.01 min

Lab File: VU035890.D

Acq: 27 Nov 2019 12:33

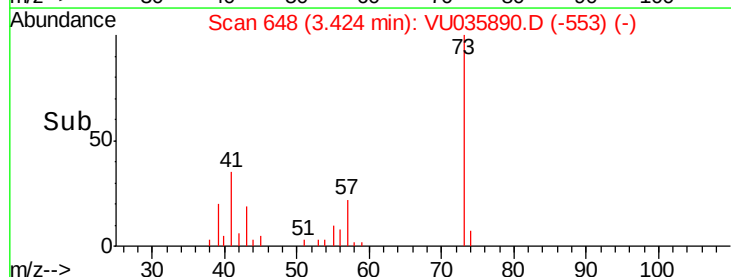
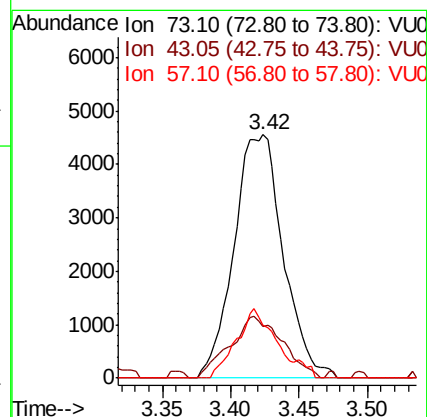
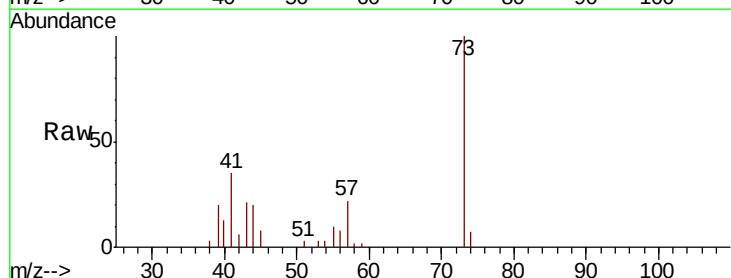
Tgt Ion: 73 Resp: 11424

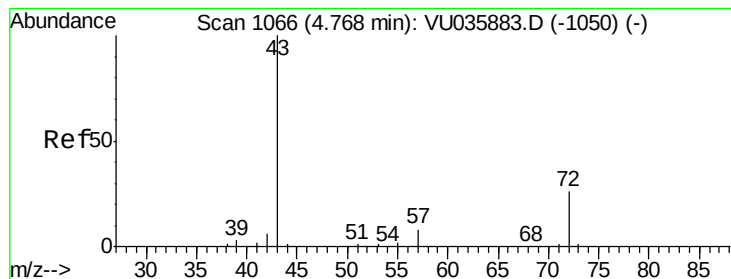
Ion Ratio Lower Upper

73 100

43 27.0 17.4 26.2#

57 23.7 19.4 29.0





#21

2-Butanone

Concen: 2.333 ug/L

RT: 4.76 min Scan# 1063

Delta R.T. -0.01 min

Lab File: VU035890.D

Acq: 27 Nov 2019 12:33

Instrument :

MSVOA_U

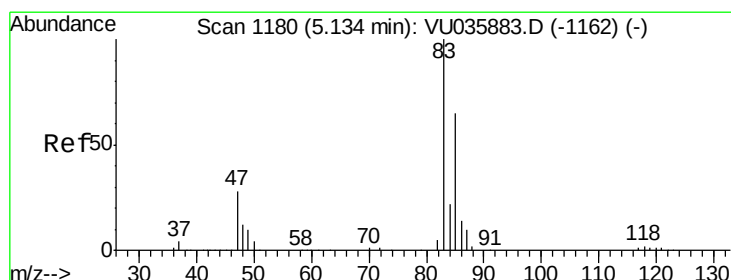
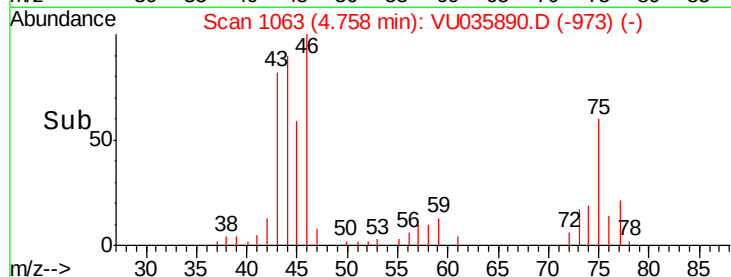
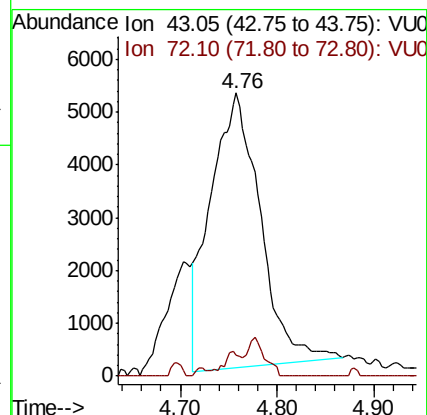
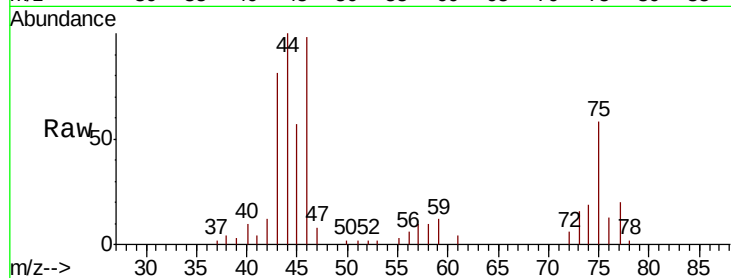
ClientSampled :

Tot Ion: 43 Resp: 18507

Ion Ratio Lower Upper

43 100

72 3.1 12.4 37.4#



#25

Chloroform

Concen: 0.441 ug/L

RT: 5.14 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VU035890.D

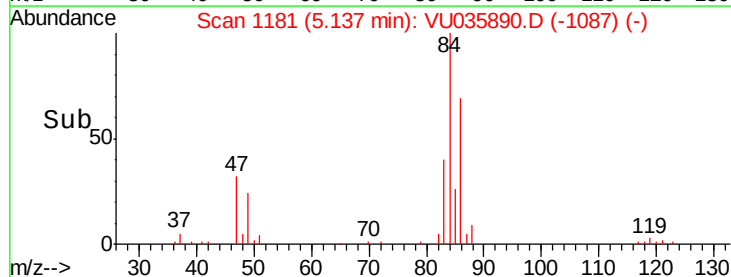
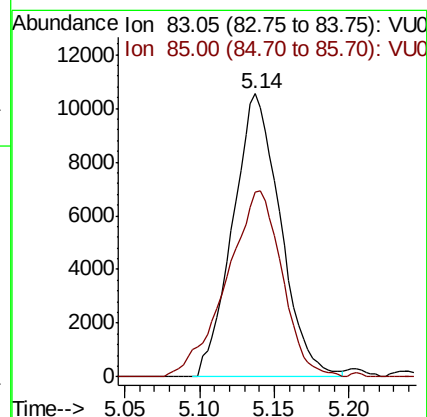
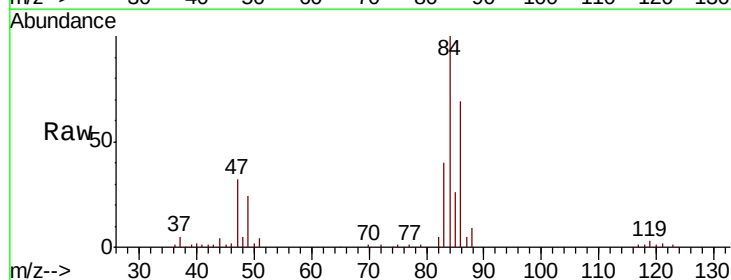
Acq: 27 Nov 2019 12:33

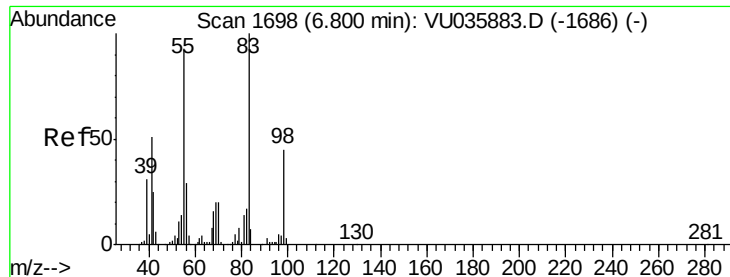
Tgt Ion: 83 Resp: 23345

Ion Ratio Lower Upper

83 100

85 65.1 44.6 82.8

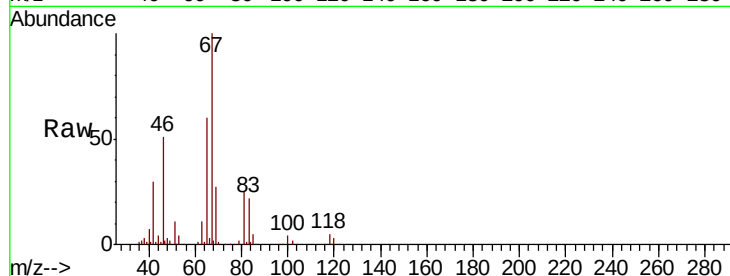




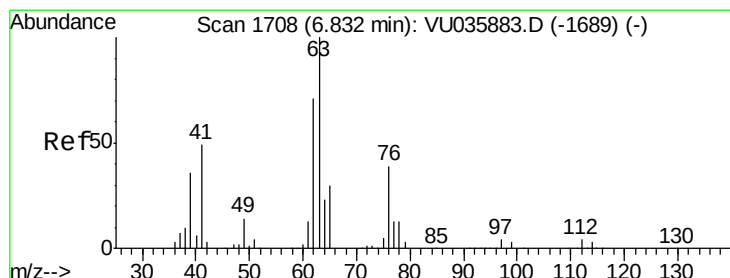
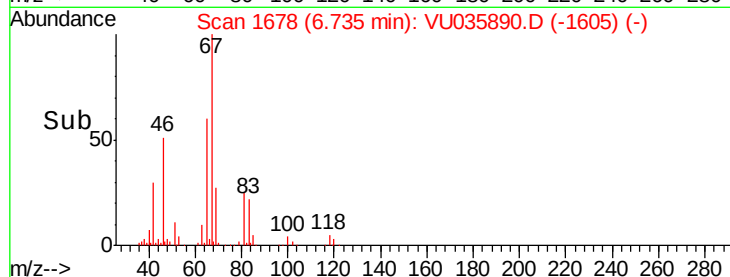
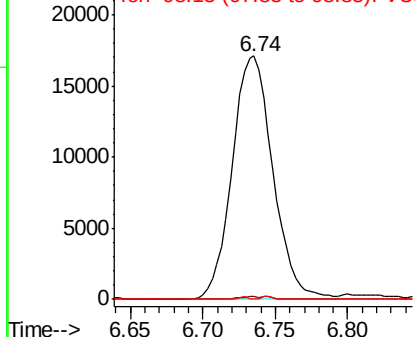
#35
Methylcyclohexane
Concen: 0.823 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035890.D
Acq: 27 Nov 2019 12:33

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 33440
Ion Ratio Lower Upper
83 100
55 0.5 72.7 109.1#
98 0.2 36.2 54.4#

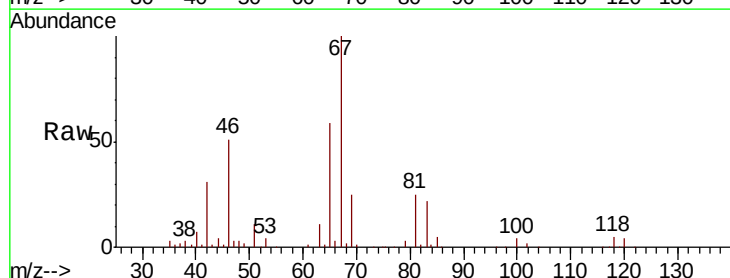


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

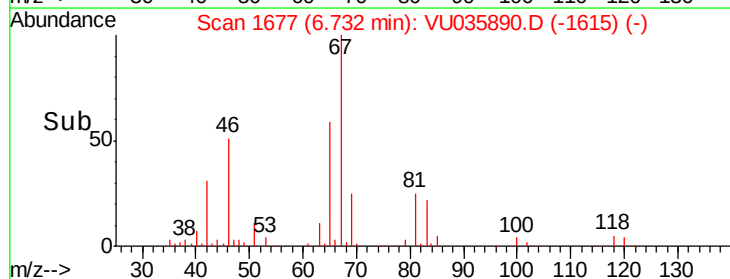
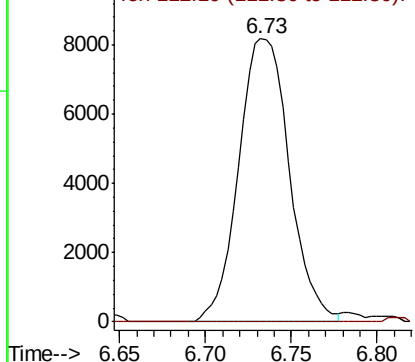


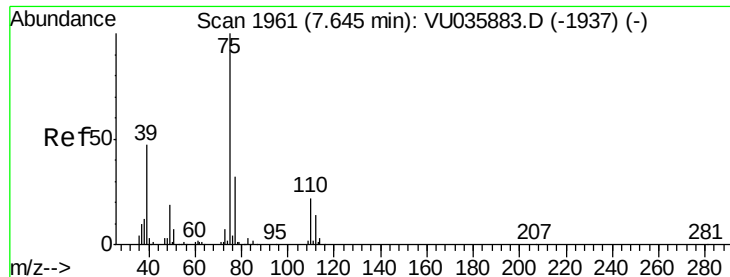
#37
1,2-Dichloropropane
Concen: 0.523 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU035890.D
Acq: 27 Nov 2019 12:33

Tgt Ion: 63 Resp: 16760
Ion Ratio Lower Upper
63 100
112 0.6 2.7 4.1#



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: 0.080 ug/L

RT: 7.60 min Scan# 1948

Delta R.T. -0.04 min

Lab File: VU035890.D

Acq: 27 Nov 2019 12:33

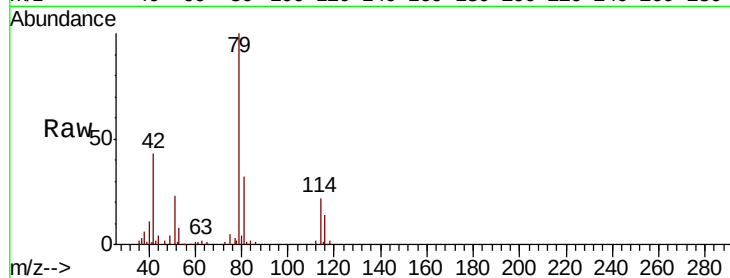
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 75 Resp: 3307

Ion Ratio Lower Upper

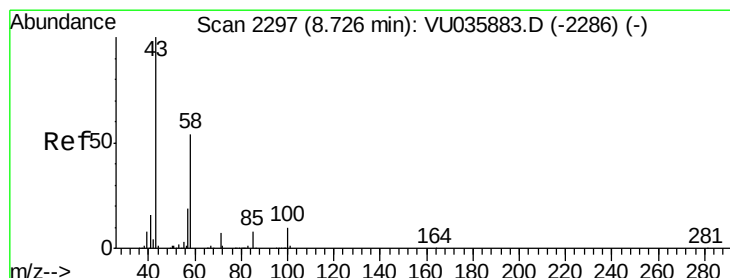
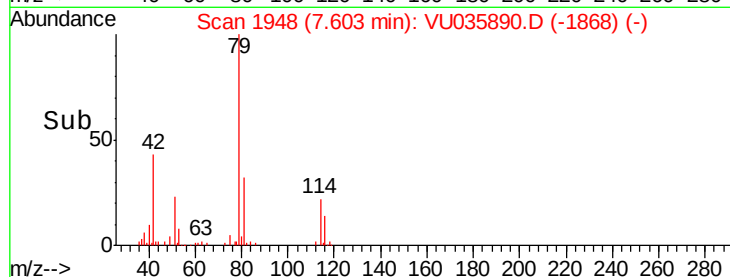
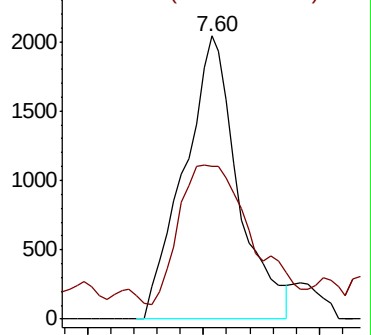
75 100

77 54.2 22.1 41.1#



Abundance Ion 75.05 (74.75 to 75.75): VU035883.D (-1937) (-)

Ion 77.05 (76.75 to 77.75): VU035883.D (-1937) (-)



#48

2-Hexanone

Concen: 2.634 ug/L

RT: 8.69 min Scan# 2285

Delta R.T. -0.04 min

Lab File: VU035890.D

Acq: 27 Nov 2019 12:33

Tgt Ion: 43 Resp: 38129

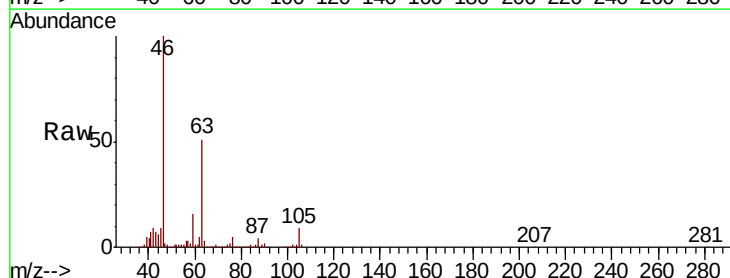
Ion Ratio Lower Upper

43 100

58 30.8 39.8 59.8#

57 37.2 14.0 21.0#

100 0.3 7.2 10.8#

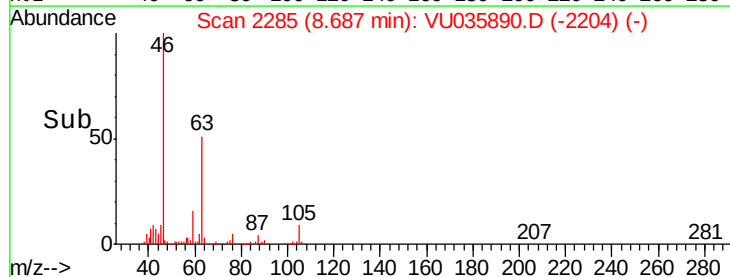
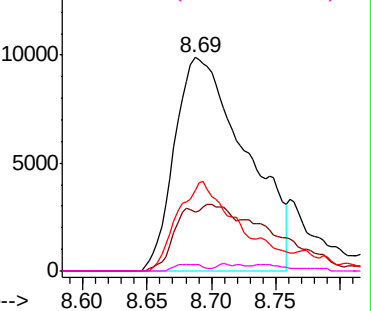


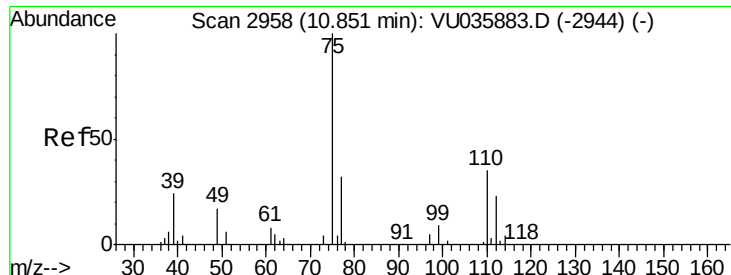
Abundance Ion 43.05 (42.75 to 43.75): VU035883.D (-2286) (-)

Ion 58.05 (57.75 to 58.75): VU035883.D (-2286) (-)

Ion 57.20 (56.90 to 57.90): VU035883.D (-2286) (-)

Ion 100.15 (99.85 to 100.85): VU035883.D (-2286) (-)





#59

1,2,3-Trichloropropane

Concen: 0.531 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU035890.D

Acq: 27 Nov 2019 12:33

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 11047

Ion Ratio Lower Upper

75 100

77 35.3 25.4 38.2

