

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112719\
 Data File : VU035906.D
 Acq On : 27 Nov 2019 19:49
 Operator : JC/SP
 Sample : K6083-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 28 05:02:53 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	210518	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	248618	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	72081	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	122764	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.93	69	119126	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.00%
11) 1,1-Dichloroethene-d2	2.59	63	151650	2.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.40%#
20) 2-Butanone-d5	4.69	46	265501	41.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.44%
24) Chloroform-d	5.11	84	209206	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.75	65	122580	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.77	84	407950	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
36) 1,2-Dichloropropane-d6	6.73	67	143039	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.60%
41) Toluene-d8	7.93	98	320092	3.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.20%
43) trans-1,3-Dichloropropene-	8.21	79	48459	3.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.80%
46) 2-Hexanone-d5	8.69	63	227392	45.49	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.98%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	121329	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	79393	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

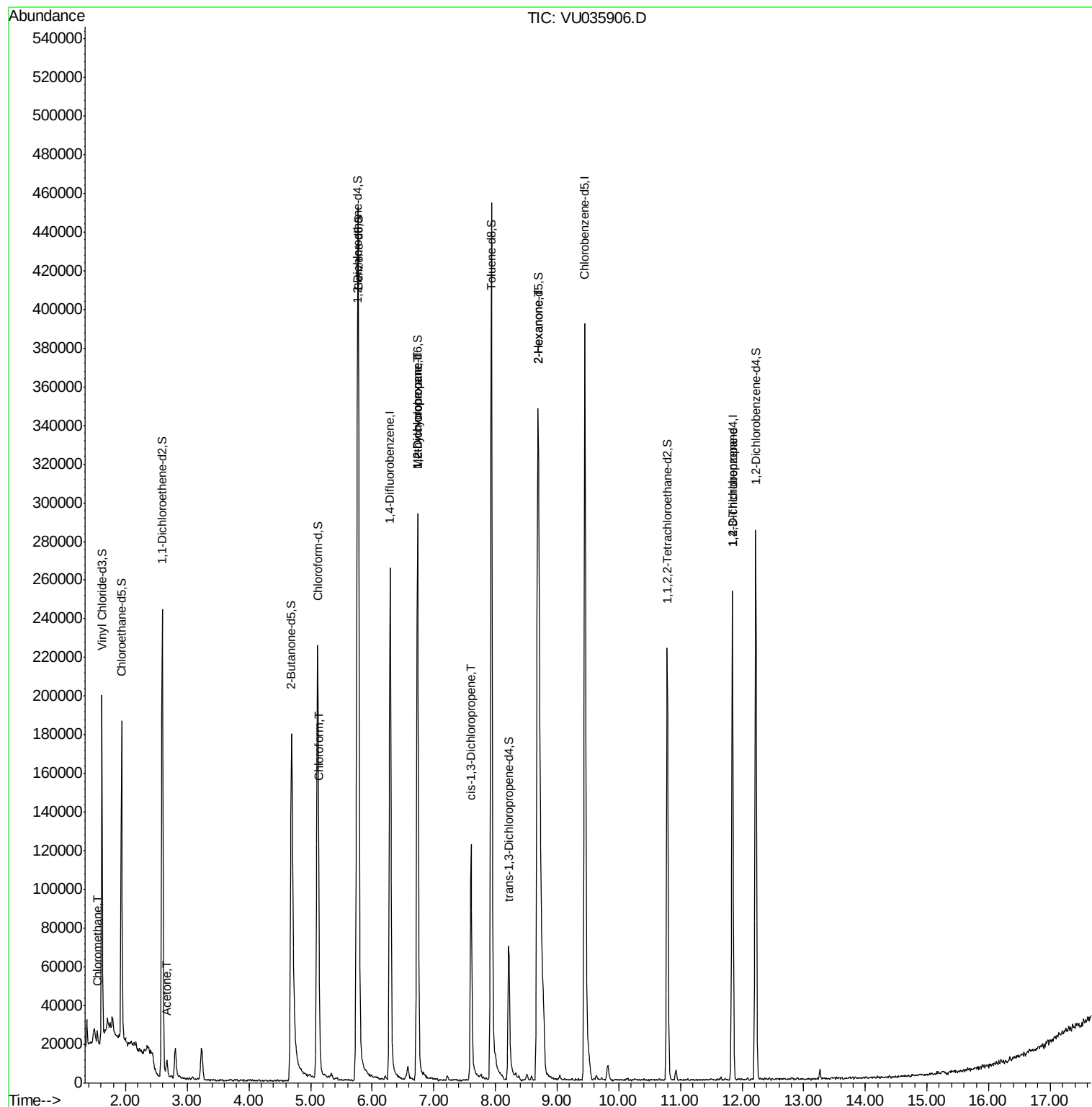
					Ovalue
3) Chloromethane	1.54	50	5355	0.152 ug/L	98
13) Acetone	2.67	43	8604	1.539 ug/L	92
25) Chloroform	5.14	83	14463	0.307 ug/L	98
35) Methylcyclohexane	6.73	83	31102	0.833 ug/L #	14
37) 1,2-Dichloropropane	6.73	63	16320	0.554 ug/L #	91
39) cis-1,3-Dichloropropene	7.60	75	2862	0.075 ug/L #	51
48) 2-Hexanone	8.69	43	38618	2.903 ug/L #	60
59) 1,2,3-Trichloropropane	11.84	75	9549	0.499 ug/L #	86

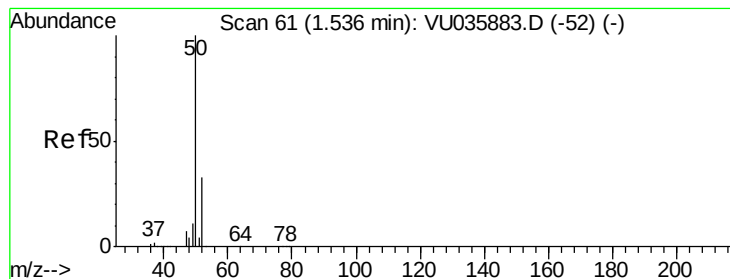
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.152 ug/L

RT: 1.54 min Scan# 63

Delta R.T. 0.01 min

Lab File: VU035906.D

Acq: 27 Nov 2019 19:49

Instrument :

MSVOA_U

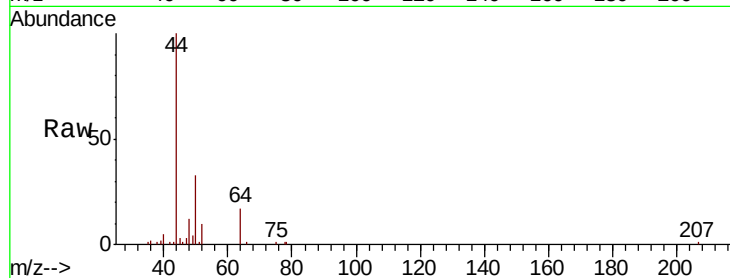
ClientSampleId :

Tot Ion: 50 Resp: 5355

Ion Ratio Lower Upper

50 100

52 31.2 22.7 42.3



Abundance Ion 50.05 (49.75 to 50.75): VU035883.D (-52) (-)

Ion 52.05 (51.75 to 52.75): VU035883.D (-52) (-)

1.54

4000

3000

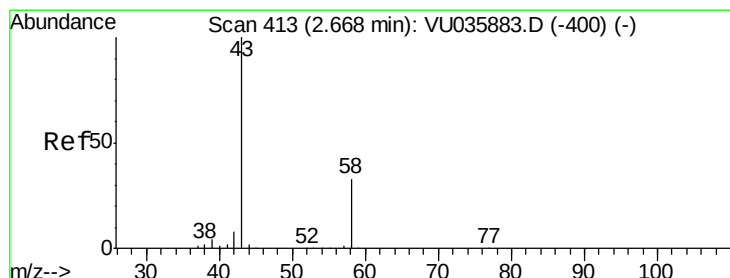
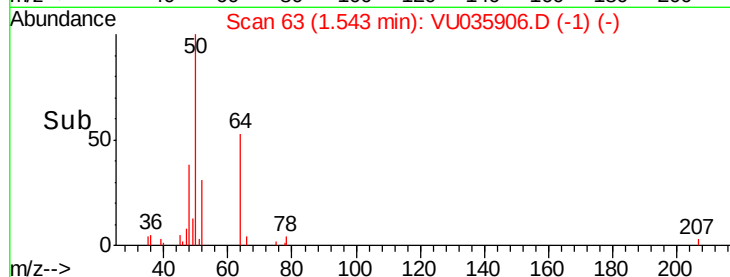
2000

1000

0

1.50 1.52 1.54 1.56 1.58

Time-->



#13

Acetone

Concen: 1.539 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.00 min

Lab File: VU035906.D

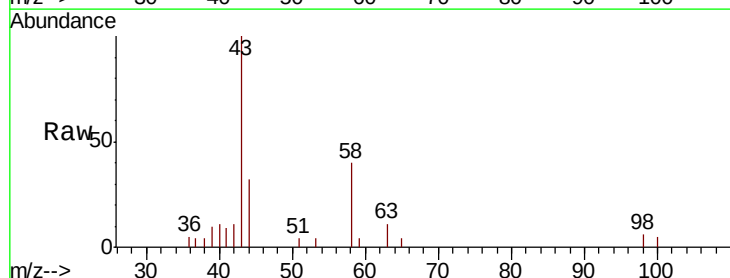
Acq: 27 Nov 2019 19:49

Tgt Ion: 43 Resp: 8604

Ion Ratio Lower Upper

43 100

58 35.0 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) (-)

2.67

4000

3000

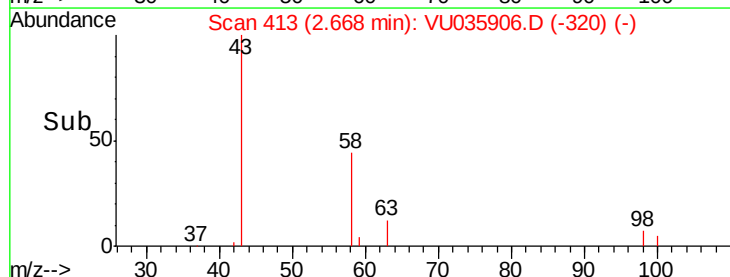
2000

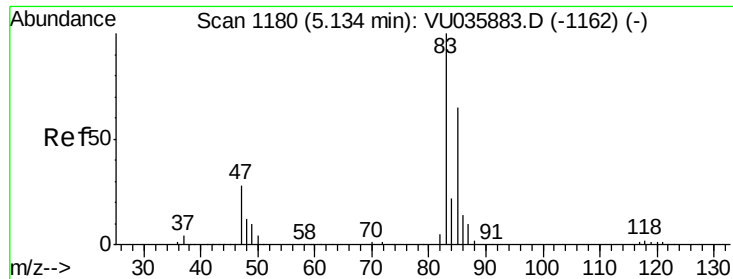
1000

0

2.60 2.65 2.70

Time-->

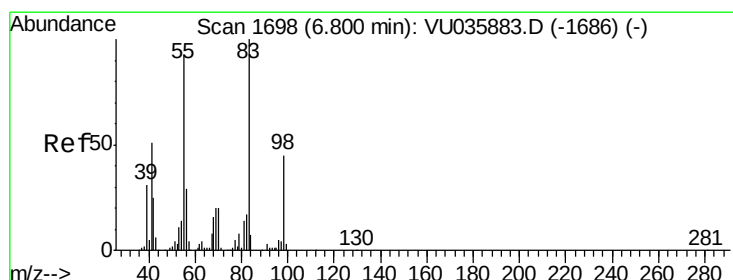
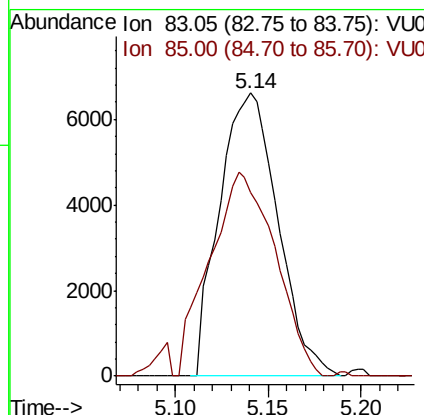
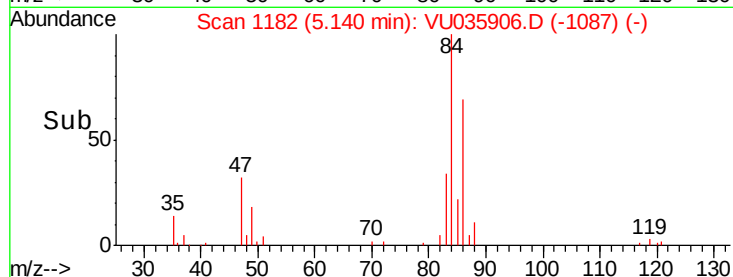
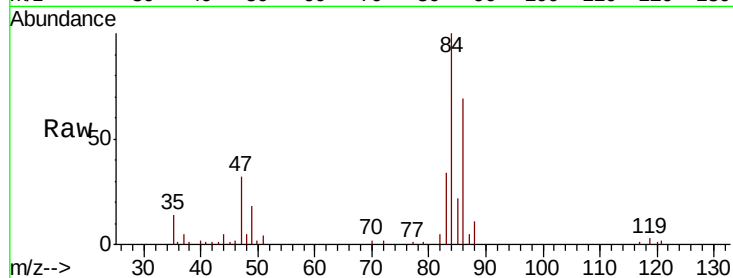




#25
Chloroform
Concen: 0.307 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VU035906.D
Acq: 27 Nov 2019 19:49

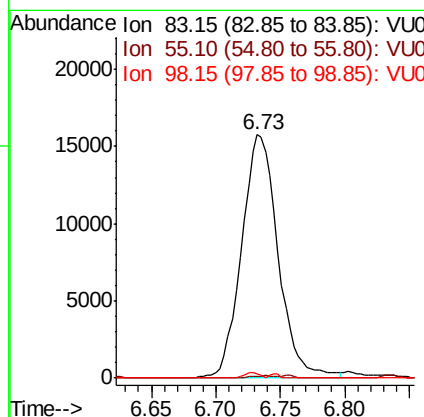
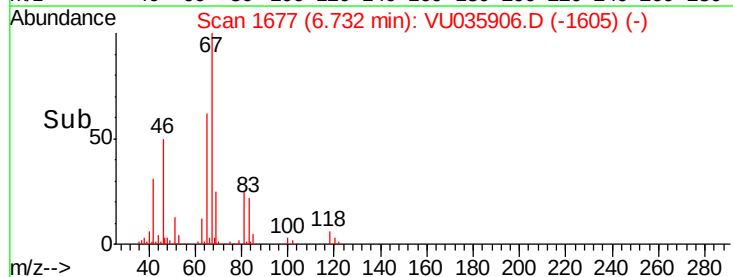
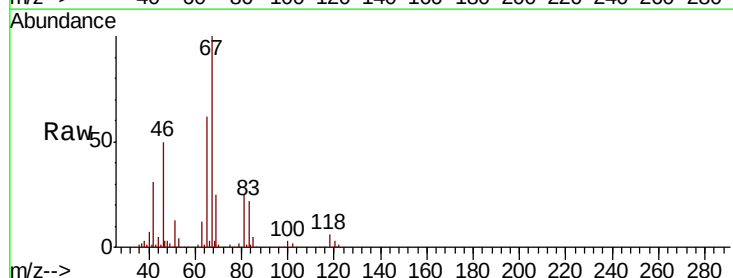
Instrument :
MSVOA_U
ClientSampleId :

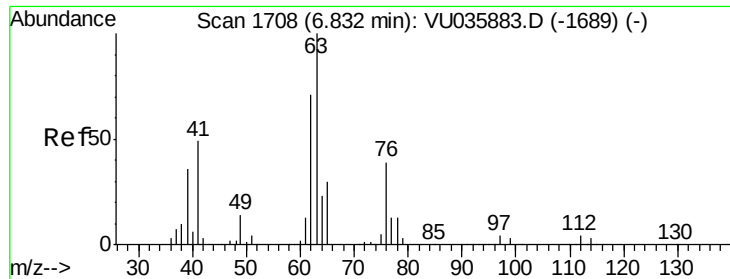
Tot Ion: 83 Resp: 14463
Ion Ratio Lower Upper
83 100
85 65.0 44.6 82.8



#35
Methylcyclohexane
Concen: 0.833 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU035906.D
Acq: 27 Nov 2019 19:49

Tgt Ion: 83 Resp: 31102
Ion Ratio Lower Upper
83 100
55 0.6 72.7 109.1#
98 0.9 36.2 54.4#

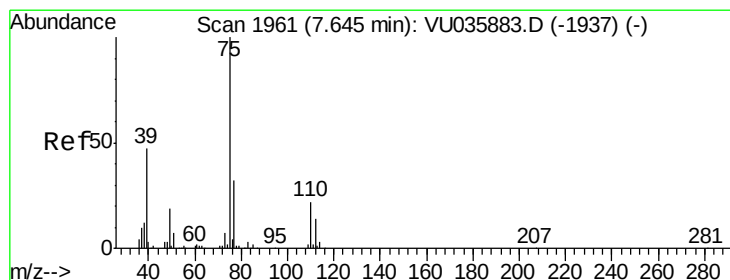
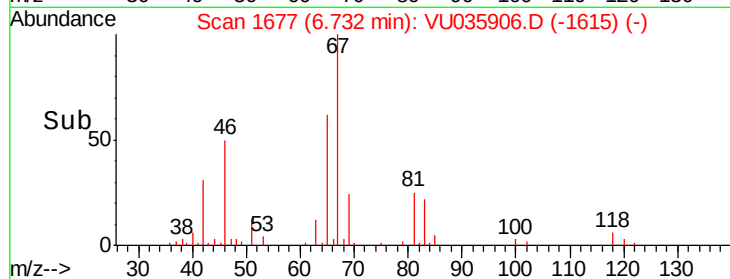
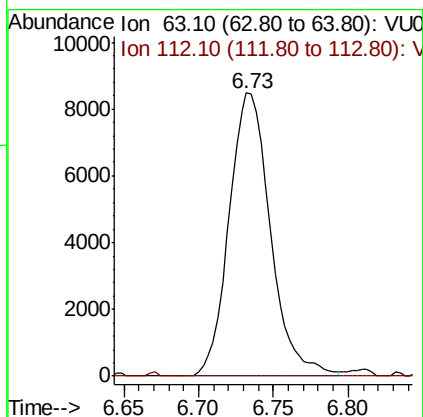
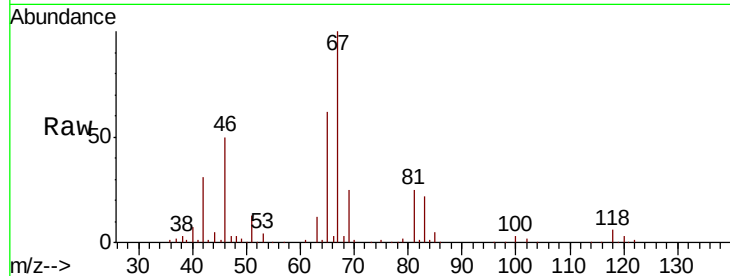




#37
 1,2-Dichloropropane
 Concen: 0.554 ug/L
 RT: 6.73 min Scan# 1677
 Delta R.T. -0.10 min
 Lab File: VU035906.D
 Acq: 27 Nov 2019 19:49

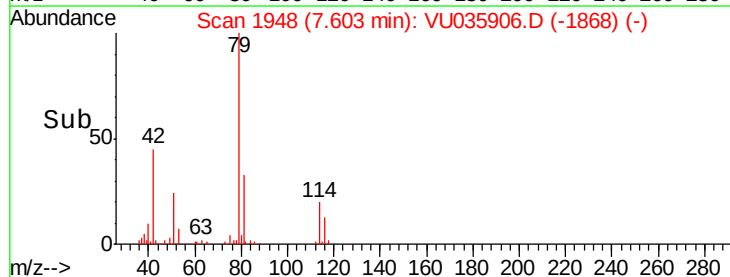
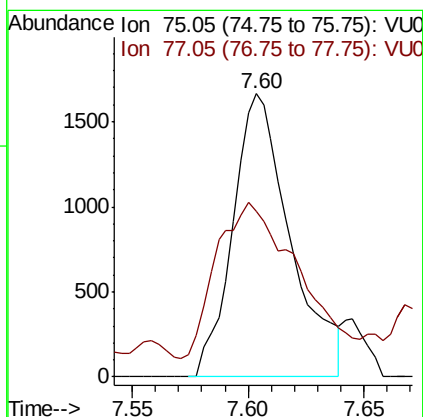
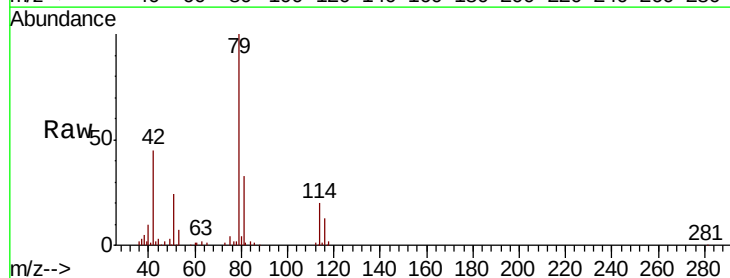
Instrument :
 MSVOA_U
 ClientSampled :

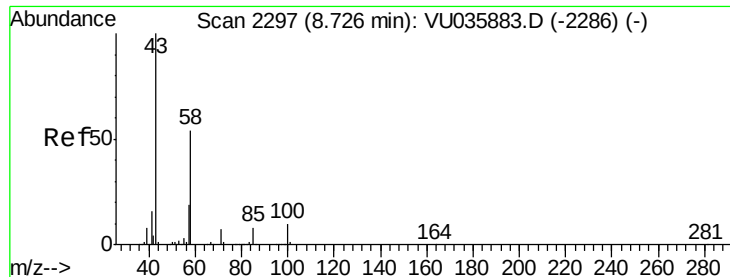
Tot Ion: 63 Resp: 16320
 Ion Ratio Lower Upper
 63 100
 112 0.3 2.7 4.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.075 ug/L
 RT: 7.60 min Scan# 1948
 Delta R.T. -0.04 min
 Lab File: VU035906.D
 Acq: 27 Nov 2019 19:49

Tgt Ion: 75 Resp: 2862
 Ion Ratio Lower Upper
 75 100
 77 58.6 22.1 41.1#

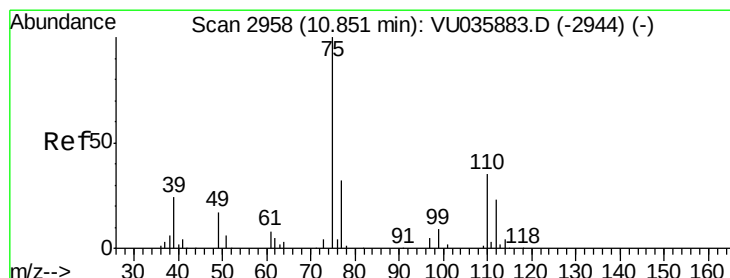
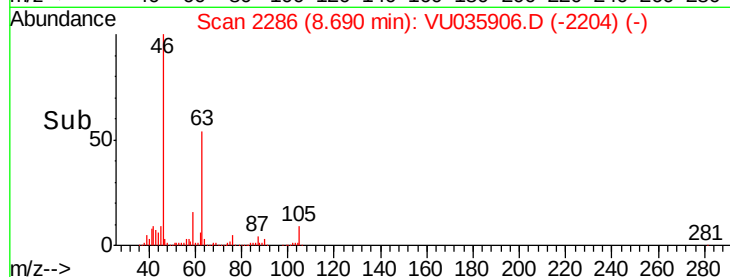
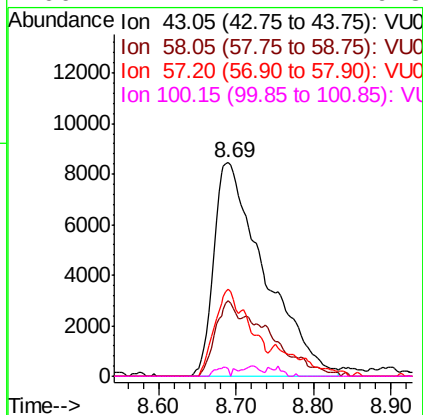
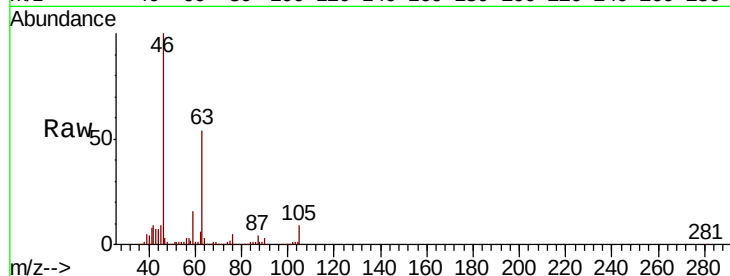




#48
 2-Hexanone
 Concen: 2.903 ug/L
 RT: 8.69 min Scan# 2286
 Delta R.T. -0.04 min
 Lab File: VU035906.D
 Acq: 27 Nov 2019 19:49

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 43 Resp: 38618
 Ion Ratio Lower Upper
 43 100
 58 16.2 39.8 59.8#
 57 28.2 14.0 21.0#
 100 1.1 7.2 10.8#



#59
 1,2,3-Trichloropropane
 Concen: 0.499 ug/L
 RT: 11.84 min Scan# 3266
 Delta R.T. 0.99 min
 Lab File: VU035906.D
 Acq: 27 Nov 2019 19:49

Tgt Ion: 75 Resp: 9549
 Ion Ratio Lower Upper
 75 100
 77 39.8 25.4 38.2#

