

Data File : VU035412.D
Acq On : 23 Oct 2019 16:20
Operator : JC/SP
Sample : K5462-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0G05

Quant Time: Oct 24 05:23:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 24 05:20:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	157638	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	172536	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	71734	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	85809	8.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	178.60%#
7) Chloroethane-d5	1.93	69	77347	8.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	176.00%#
11) 1,1-Dichloroethene-d2	2.59	63	113239	6.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	127.40%#
20) 2-Butanone-d5	4.71	46	209578	75.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	151.74%#
24) Chloroform-d	5.11	84	113366	6.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	129.00%#
26) 1,2-Dichloroethane-d4	5.75	65	80205	8.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	164.80%#
32) Benzene-d6	5.77	84	276829	7.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	140.40%#
36) 1,2-Dichloropropane-d6	6.74	67	95947	7.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	153.20%#
41) Toluene-d8	7.93	98	228101	6.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.80%
43) trans-1,3-Dichloropropene-	8.22	79	31773	5.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.60%
46) 2-Hexanone-d5	8.69	63	152498	56.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.76%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	44745	4.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	77371	5.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.40%

Target Compounds

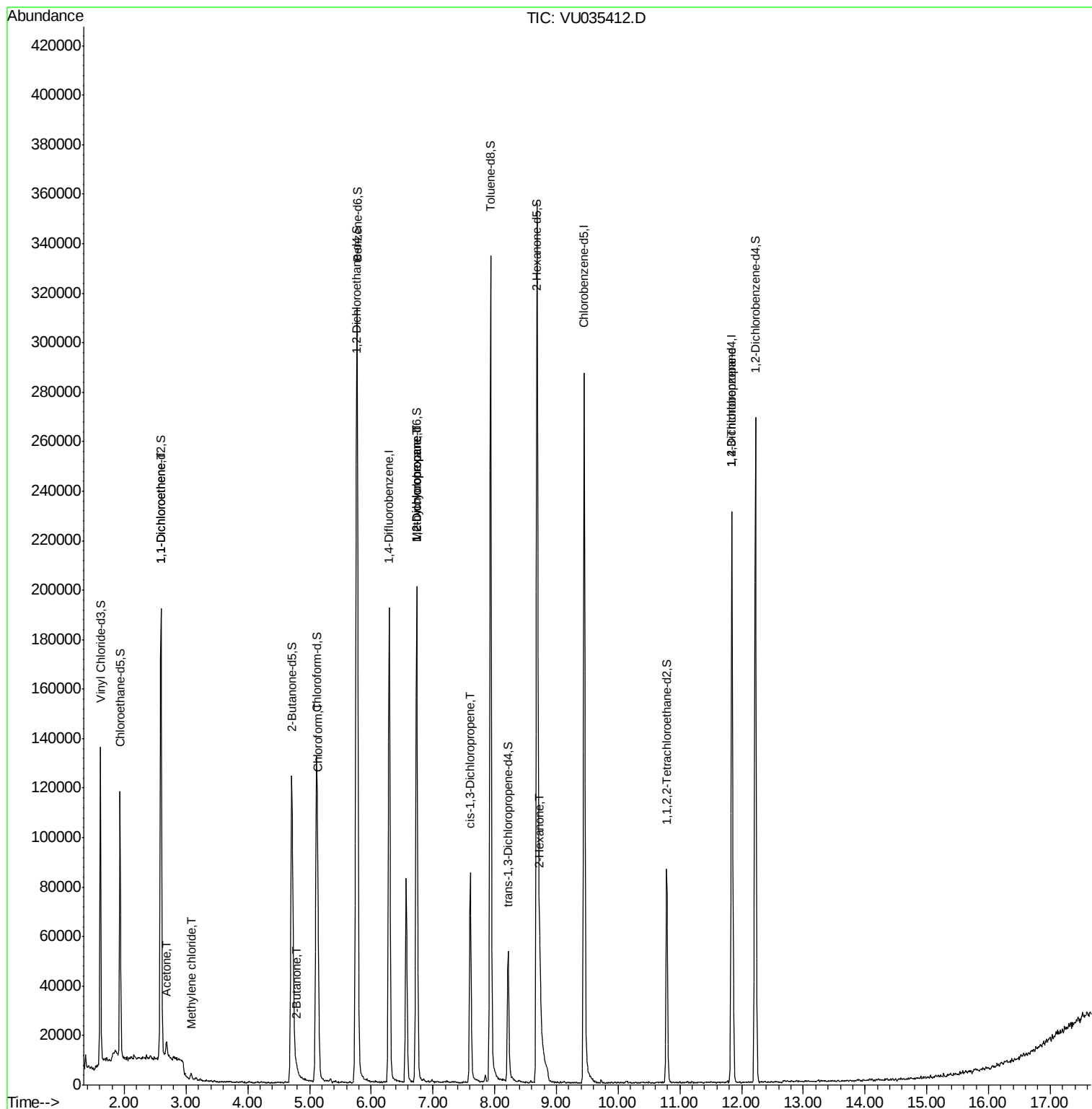
					Qvalue
12) 1,1-Dichloroethene	2.60	96	856	0.085 ug/L #	1
13) Acetone	2.68	43	9229	4.803 ug/L	94
16) Methylene chloride	3.08	84	1081	0.089 ug/L	84
21) 2-Butanone	4.80	43	4099	1.309 ug/L	79
25) Chloroform	5.14	83	35143	1.620 ug/L	97
35) Methylcyclohexane	6.74	83	21835	0.957 ug/L #	27
37) 1,2-Dichloropropane	6.74	63	10294	0.799 ug/L #	86
39) cis-1,3-Dichloropropene	7.61	75	2132	0.099 ug/L #	61
48) 2-Hexanone	8.73	43	14003	2.295 ug/L #	77
59) 1,2,3-Trichloropropane	11.84	75	8841	0.985 ug/L	90

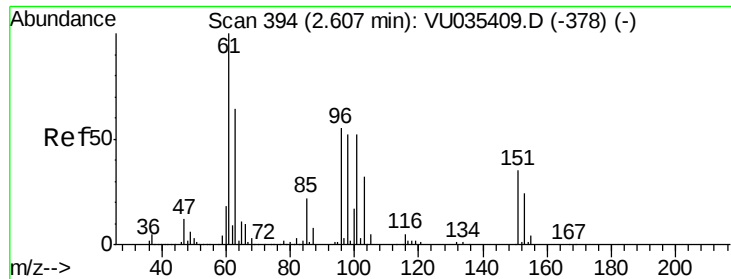
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.085 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU035412.D

Acq: 23 Oct 2019 16:20

Instrument :

MSVOA_U

ClientSampleId :

H0G05

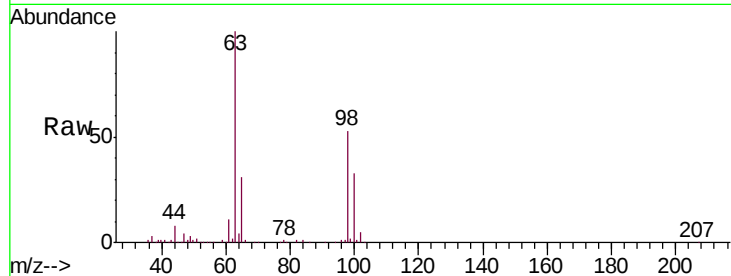
Tgt Ion: 96 Resp: 856

Ion Ratio Lower Upper

96 100

61 1628.4 120.6 224.0#

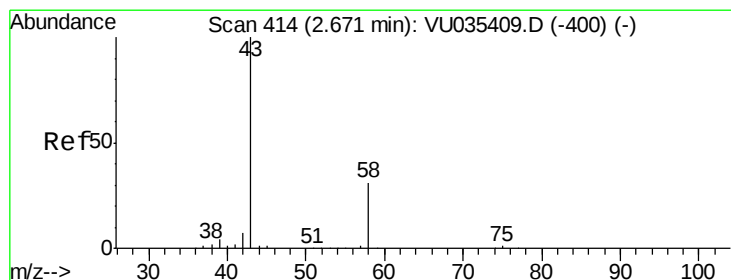
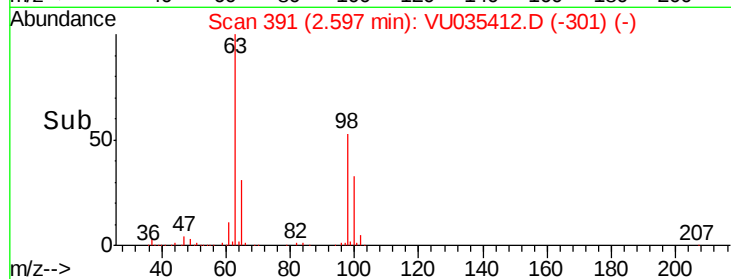
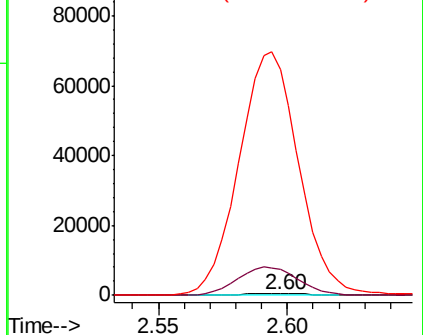
63 14323.6 86.8 161.2#



Abundance Ion 96.00 (95.70 to 96.70): VU035412.D (-301) (-)

Ion 61.05 (60.75 to 61.75): VU035412.D (-301) (-)

Ion 63.00 (62.70 to 63.70): VU035412.D (-301) (-)



#13

Acetone

Concen: 4.803 ug/L

RT: 2.68 min Scan# 417

Delta R.T. 0.01 min

Lab File: VU035412.D

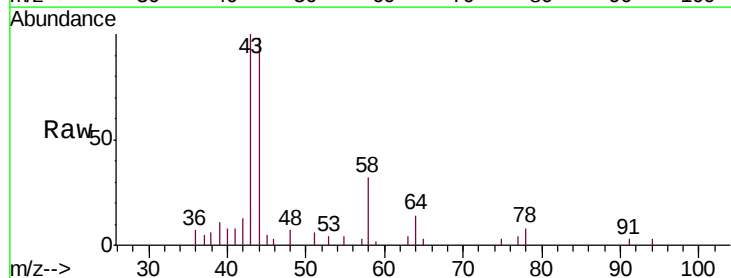
Acq: 23 Oct 2019 16:20

Tgt Ion: 43 Resp: 9229

Ion Ratio Lower Upper

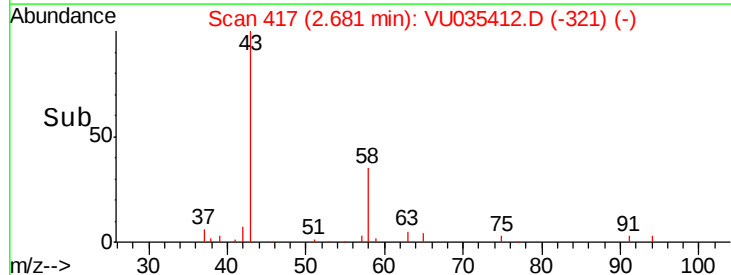
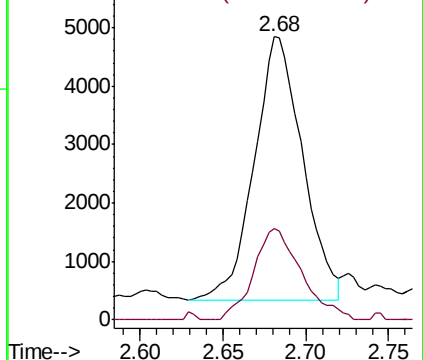
43 100

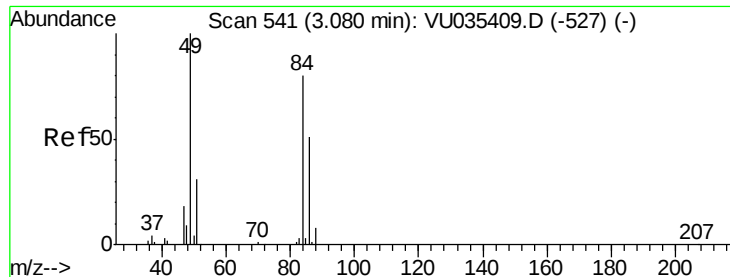
58 34.2 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU035412.D (-321) (-)

Ion 58.05 (57.75 to 58.75): VU035412.D (-321) (-)

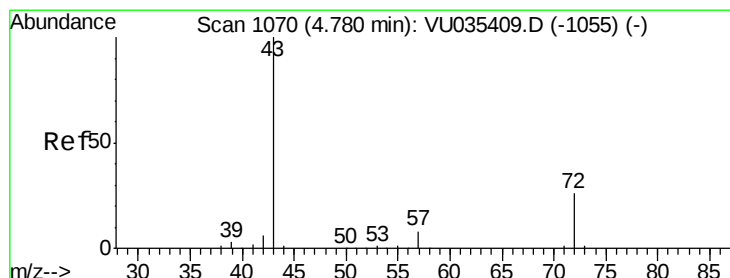
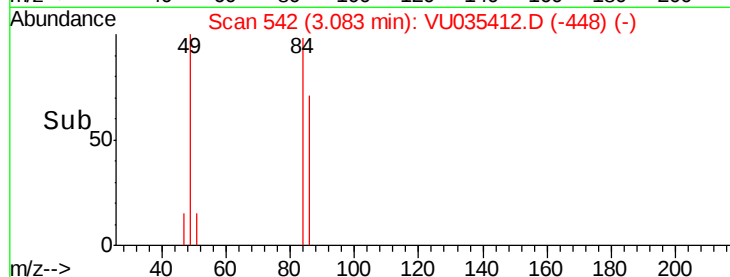
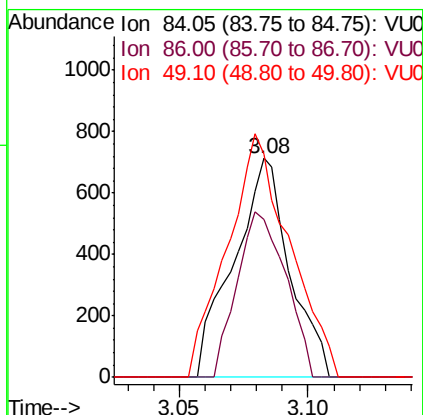
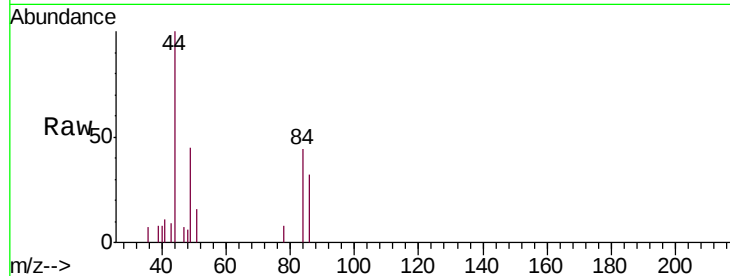




#16
Methylene chloride
Concen: 0.089 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU035412.D
Acq: 23 Oct 2019 16:20

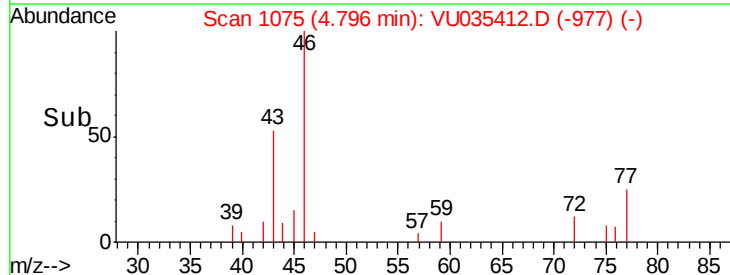
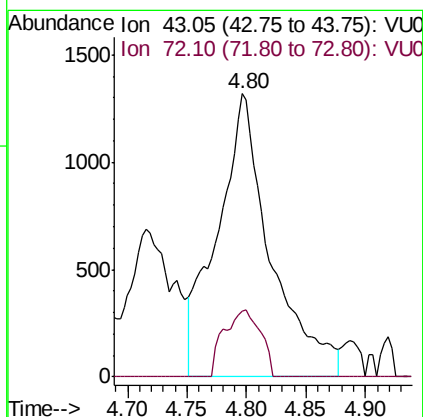
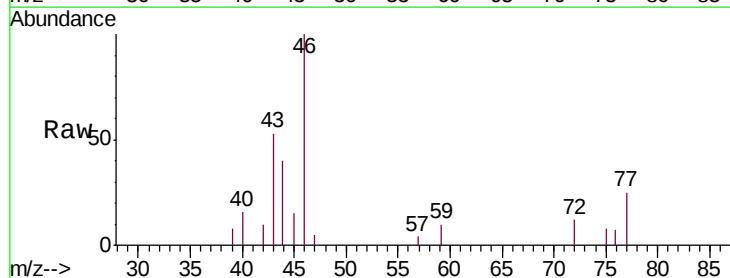
Instrument :
MSVOA_U
ClientSampleId :
H0G05

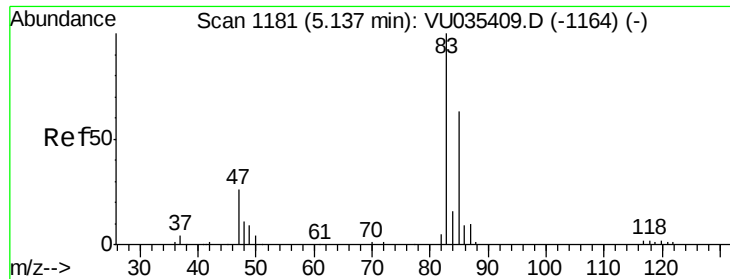
Tgt Ion: 84 Resp: 1081
Ion Ratio Lower Upper
84 100
86 72.1 45.4 84.2
49 101.8 86.8 161.2



#21
2-Butanone
Concen: 1.309 ug/L
RT: 4.80 min Scan# 1075
Delta R.T. 0.02 min
Lab File: VU035412.D
Acq: 23 Oct 2019 16:20

Tgt Ion: 43 Resp: 4099
Ion Ratio Lower Upper
43 100
72 16.1 13.6 40.8

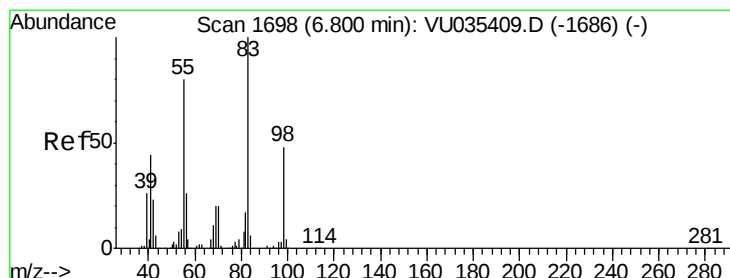
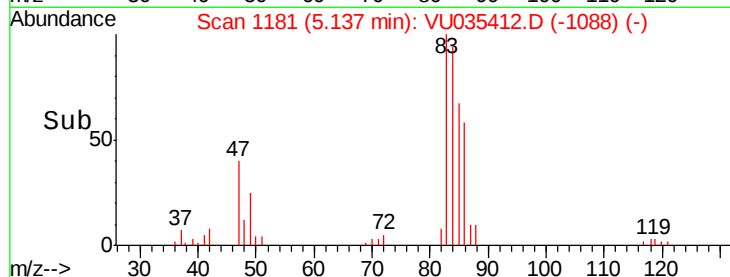
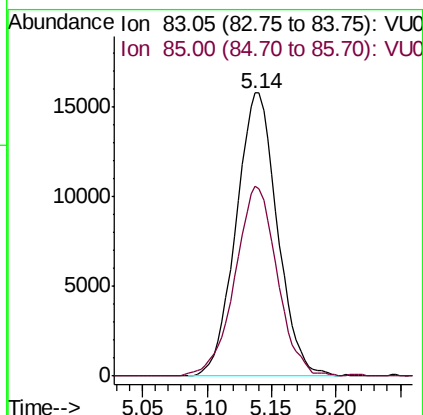
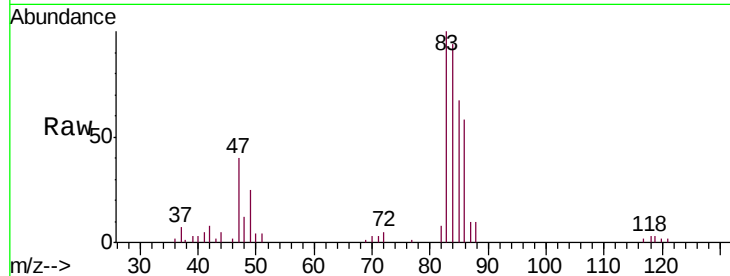




#25
Chloroform
Concen: 1.620 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU035412.D
Acq: 23 Oct 2019 16:20

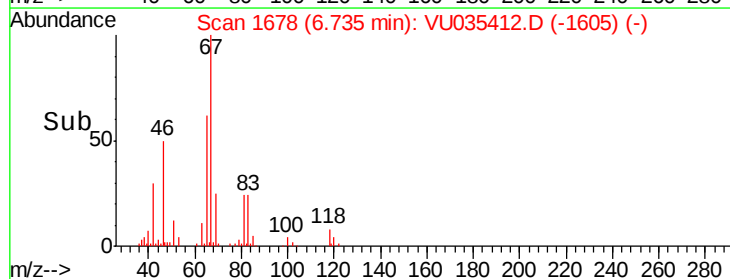
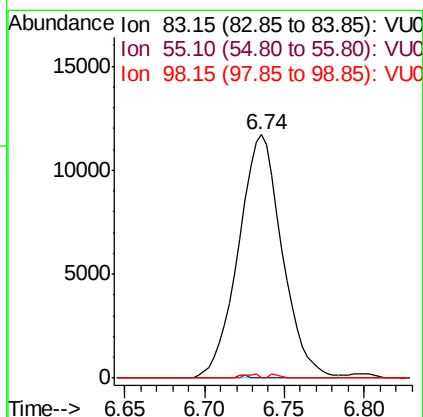
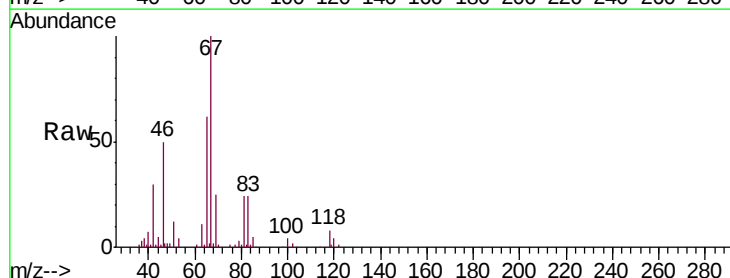
Instrument :
MSVOA_U
ClientSampleId :
H0G05

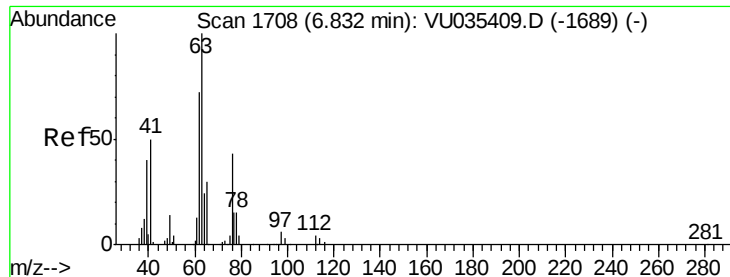
Tgt Ion: 83 Resp: 35143
Ion Ratio Lower Upper
83 100
85 67.1 45.1 83.9



#35
Methylcyclohexane
Concen: 0.957 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035412.D
Acq: 23 Oct 2019 16:20

Tgt Ion: 83 Resp: 21835
Ion Ratio Lower Upper
83 100
55 0.2 60.4 90.6#
98 83.5 39.5 59.3#

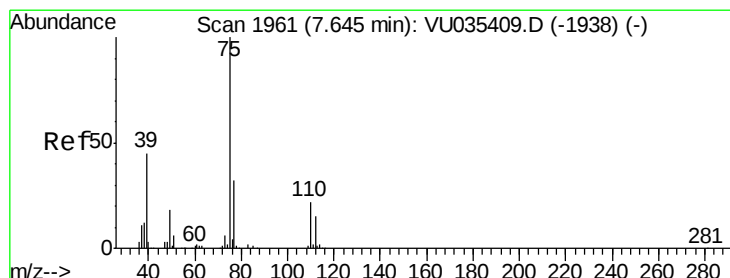
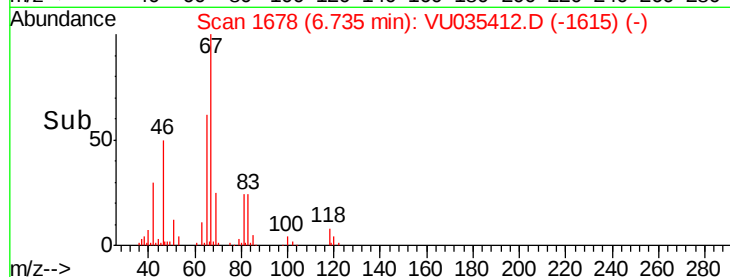
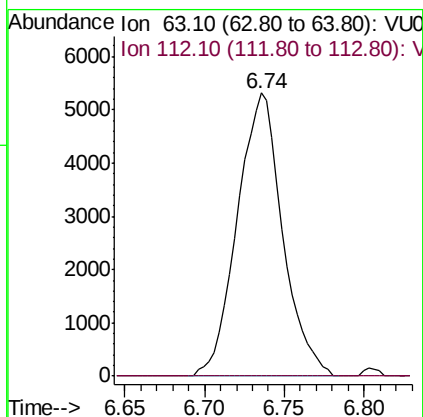
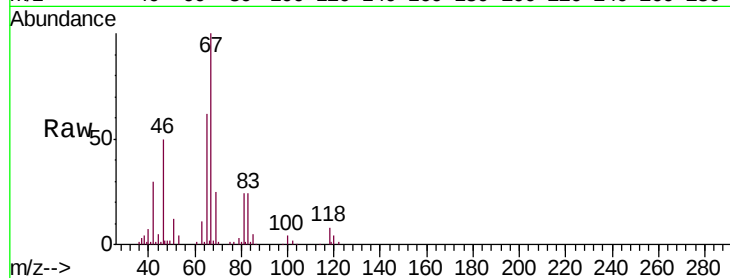




#37
 1,2-Dichloropropane
 Concen: 0.799 ug/L
 RT: 6.74 min Scan# 1678
 Delta R.T. -0.10 min
 Lab File: VU035412.D
 Acq: 23 Oct 2019 16:20

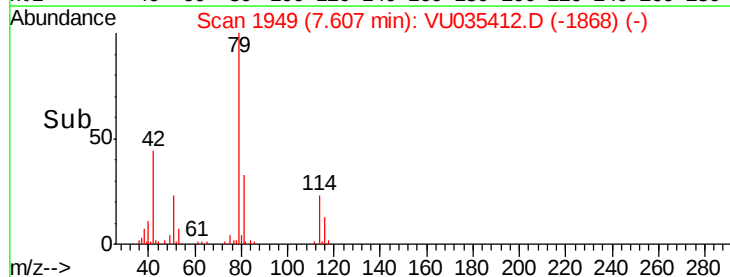
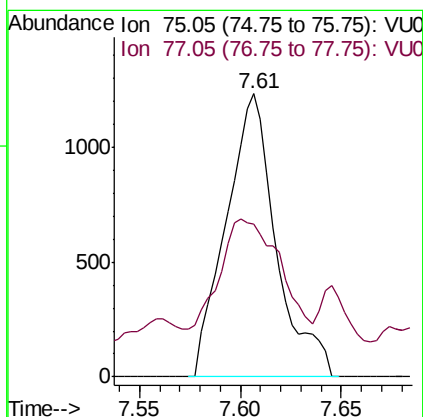
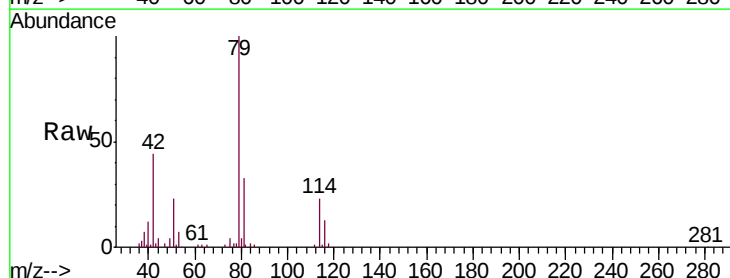
Instrument :
 MSVOA_U
 ClientSampleId :
 H0G05

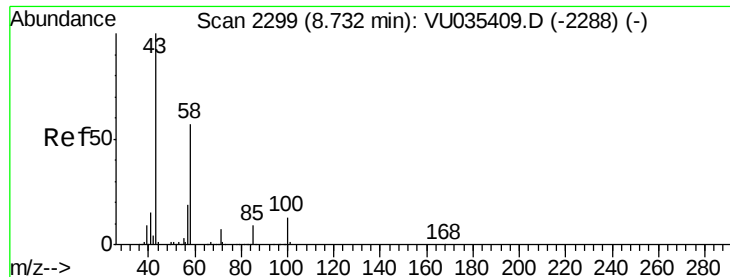
Tgt Ion: 63 Resp: 10294
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.099 ug/L
 RT: 7.61 min Scan# 1949
 Delta R.T. -0.04 min
 Lab File: VU035412.D
 Acq: 23 Oct 2019 16:20

Tgt Ion: 75 Resp: 2132
 Ion Ratio Lower Upper
 75 100
 77 54.2 22.7 42.1#

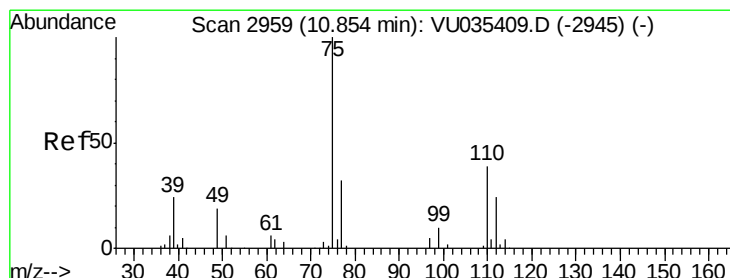
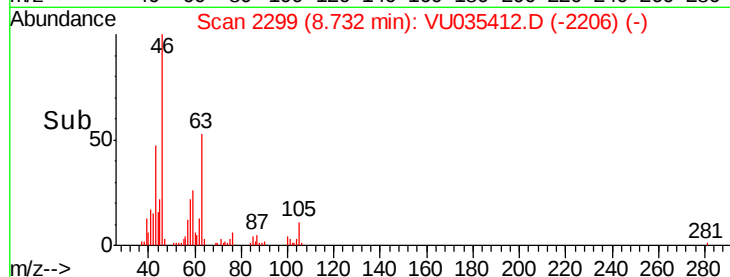
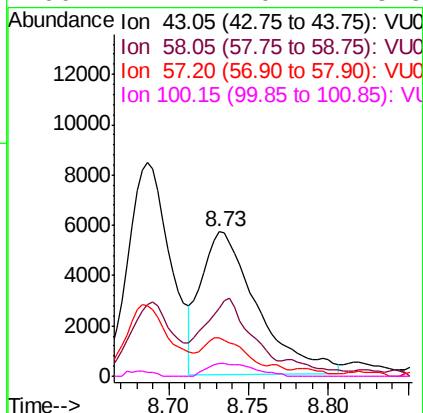
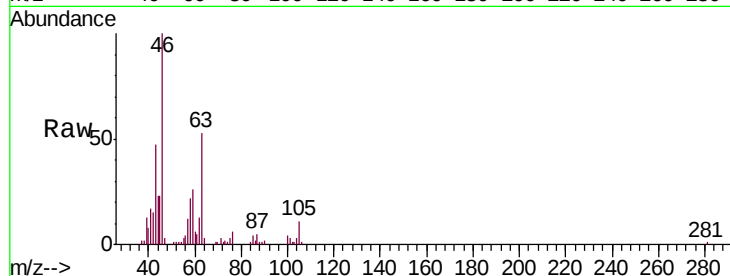




#48
 2-Hexanone
 Concen: 2.295 ug/L
 RT: 8.73 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VU035412.D
 Acq: 23 Oct 2019 16:20

Instrument :
 MSVOA_U
 ClientSampleId :
 H0G05

Tgt Ion: 43 Resp: 14003
 Ion Ratio Lower Upper
 43 100
 58 33.8 45.1 67.7#
 57 22.9 16.0 24.0
 100 7.4 10.4 15.6#



#59
 1,2,3-Trichloropropane
 Concen: 0.985 ug/L
 RT: 11.84 min Scan# 3267
 Delta R.T. 0.99 min
 Lab File: VU035412.D
 Acq: 23 Oct 2019 16:20

Tgt Ion: 75 Resp: 8841
 Ion Ratio Lower Upper
 75 100
 77 38.4 26.2 39.2

