

Data File : VU035426.D
Acq On : 23 Oct 2019 22:58
Operator : JC/SP
Sample : K5488-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0G51

Quant Time: Oct 24 05:26:02 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	211044	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	219465	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	75785	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	56550	4.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.80%
7) Chloroethane-d5	1.93	69	59679	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.59	63	79478	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	4.71	46	233116	63.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.08%
24) Chloroform-d	5.12	84	131365	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.80%
26) 1,2-Dichloroethane-d4	5.75	65	74865	5.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.00%
32) Benzene-d6	5.77	84	237167	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.74	67	87210	5.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.40%
41) Toluene-d8	7.94	98	191500	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
43) trans-1,3-Dichloropropene-	8.22	79	30483	3.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.80%
46) 2-Hexanone-d5	8.68	63	158540	46.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.96%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	81462	5.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	68609	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

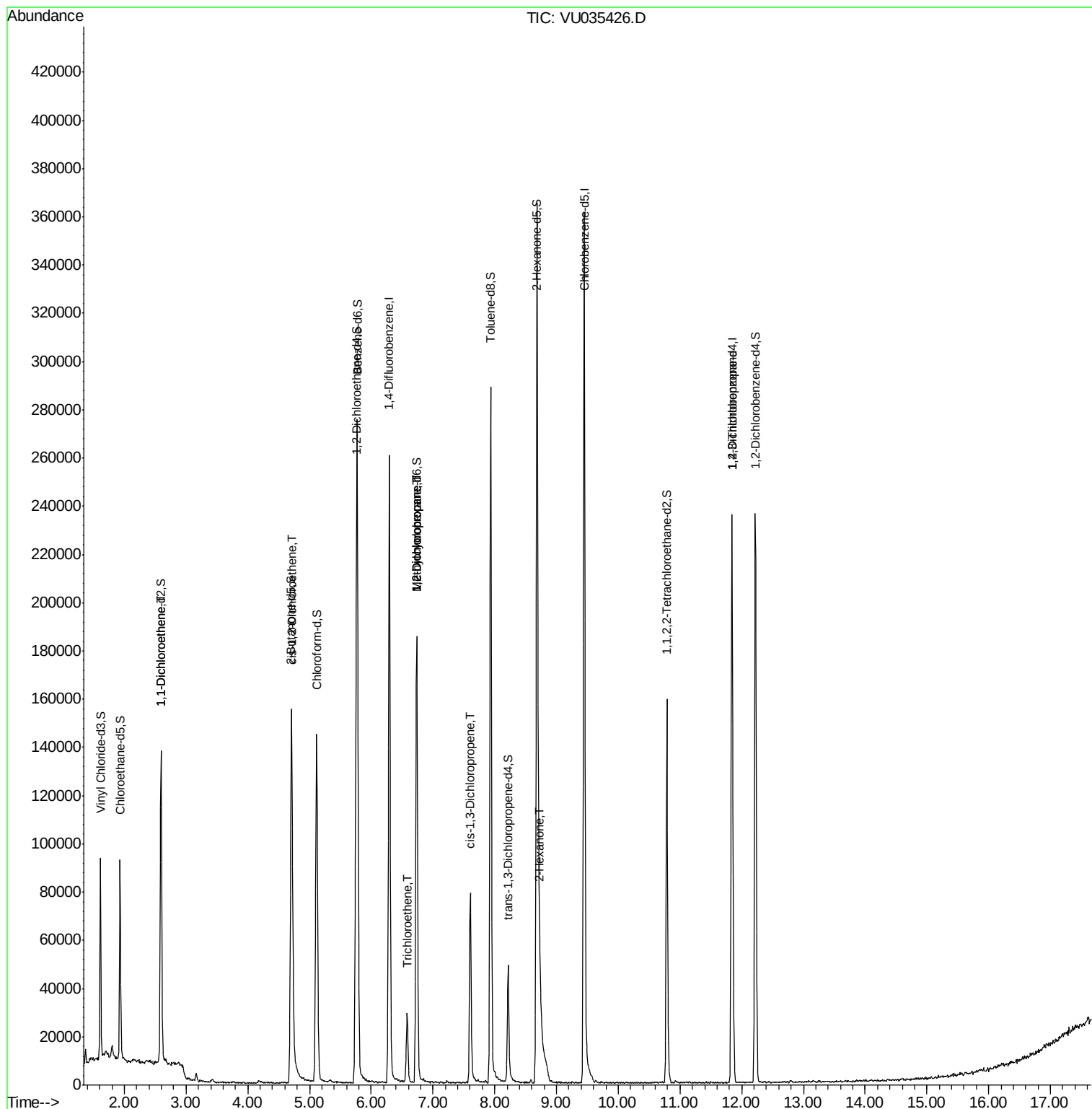
					Qvalue
12) 1,1-Dichloroethene	2.59	96	881	0.065 ug/L #	1
22) cis-1,2-Dichloroethene	4.72	96	4872	0.301 ug/L	92
34) Trichloroethene	6.58	95	9662	0.557 ug/L	92
35) Methylcyclohexane	6.74	83	20290	0.699 ug/L #	18
37) 1,2-Dichloropropane	6.74	63	9883	0.603 ug/L #	88
39) cis-1,3-Dichloropropene	7.61	75	1954	0.071 ug/L #	13
48) 2-Hexanone	8.74	43	9569	1.233 ug/L #	71
59) 1,2,3-Trichloropropane	11.84	75	8775	0.768 ug/L	91

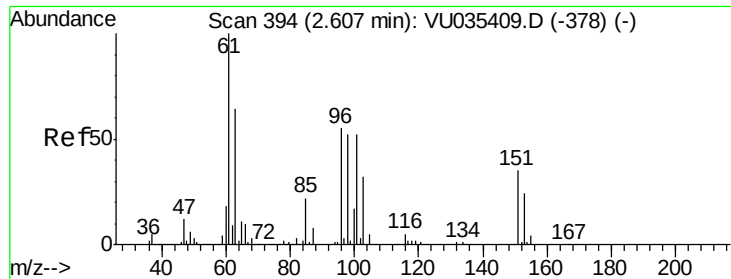
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU035426.D
Acq On : 23 Oct 2019 22:58
Operator : JC/SP
Sample : K5488-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0G51

Quant Time: Oct 24 05:26:02 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





#12

1,1-Dichloroethene

Concen: 0.065 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.02 min

Lab File: VU035426.D

Acq: 23 Oct 2019 22:58

Instrument :

MSVOA_U

ClientSampleId :

H0G51

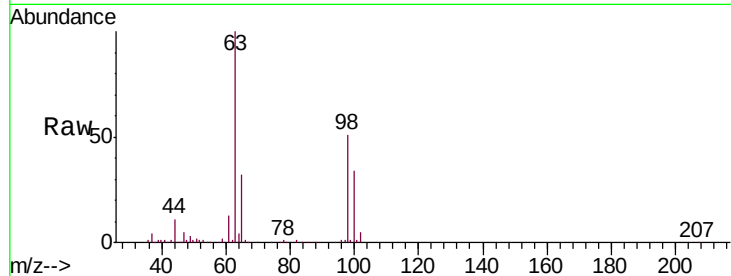
Tgt Ion: 96 Resp: 881

Ion Ratio Lower Upper

96 100

61 1191.7 120.6 224.0#

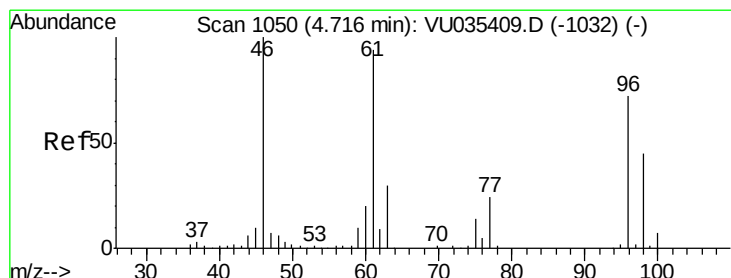
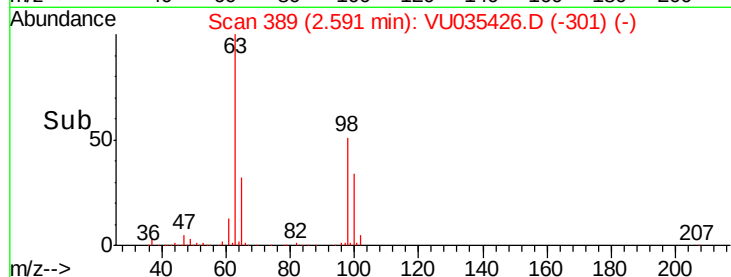
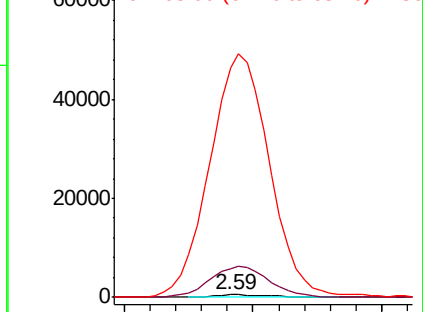
63 9386.7 86.8 161.2#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0



#22

cis-1,2-Dichloroethene

Concen: 0.301 ug/L

RT: 4.72 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VU035426.D

Acq: 23 Oct 2019 22:58

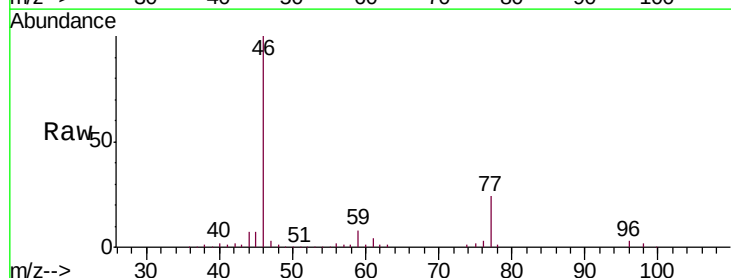
Tgt Ion: 96 Resp: 4872

Ion Ratio Lower Upper

96 100

61 118.7 89.7 166.5

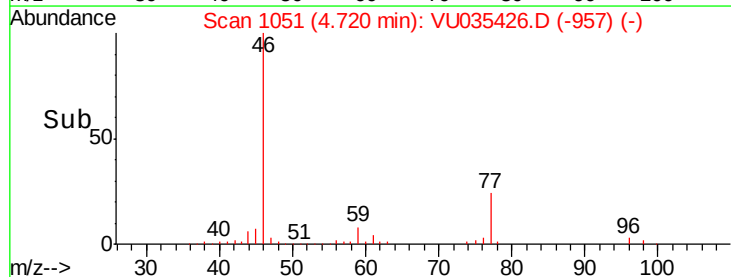
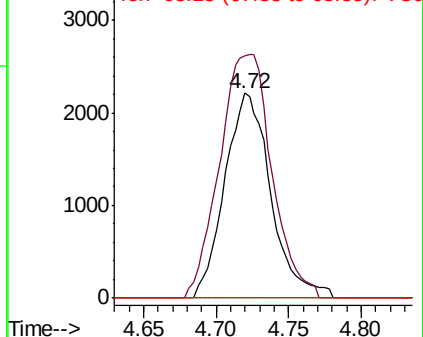
68 0.0 0.0 0.0

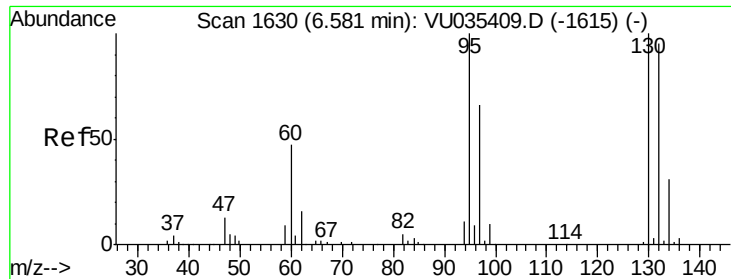


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0

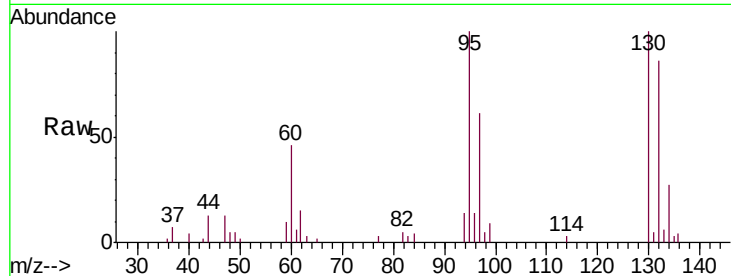




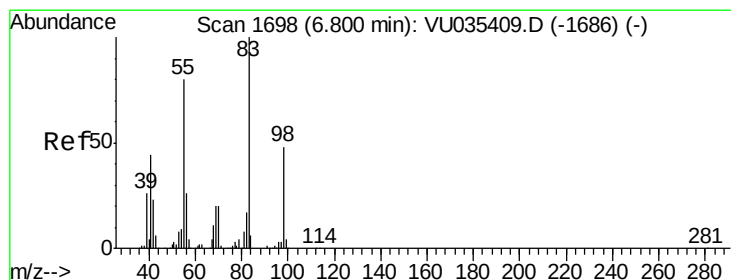
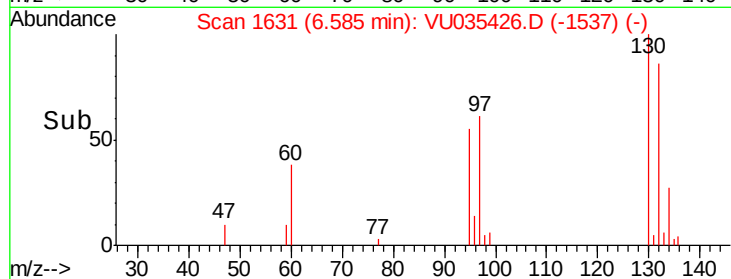
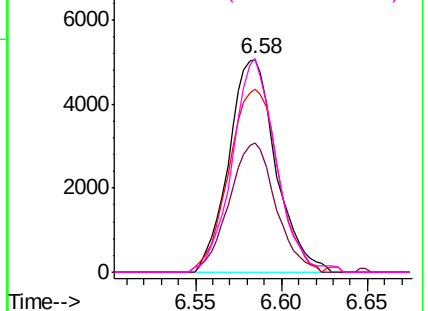
#34
 Trichloroethene
 Concen: 0.557 ug/L
 RT: 6.58 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: VU035426.D
 Acq: 23 Oct 2019 22:58

Instrument :
 MSVOA_U
 ClientSampleId :
 H0G51

Tgt Ion:	95	Resp:	9662
Ion	Ratio	Lower	Upper
95	100		
97	60.9	46.6	86.6
132	86.1	68.7	127.7
130	100.5	73.9	137.3

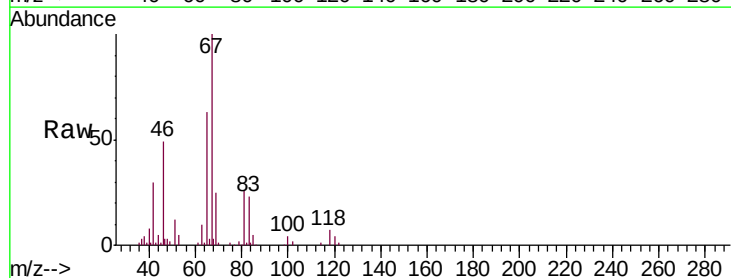


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

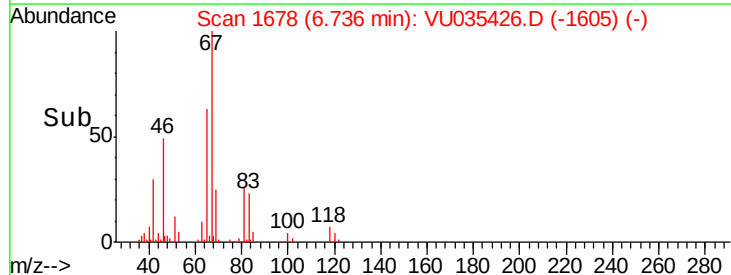
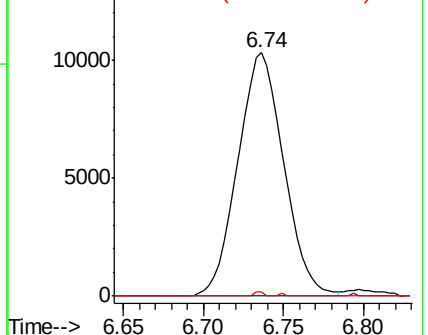


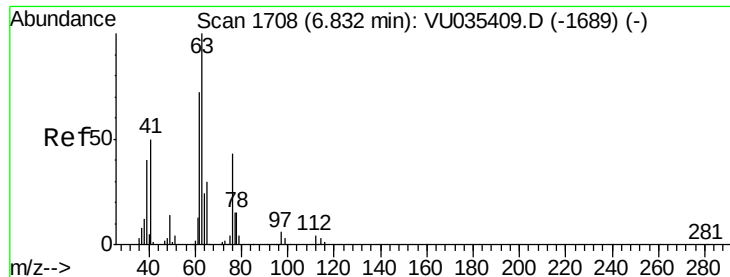
#35
 Methylcyclohexane
 Concen: 0.699 ug/L
 RT: 6.74 min Scan# 1678
 Delta R.T. -0.06 min
 Lab File: VU035426.D
 Acq: 23 Oct 2019 22:58

Tgt Ion:	83	Resp:	20290
Ion	Ratio	Lower	Upper
83	100		
55	0.1	60.4	90.6#
98	0.3	39.5	59.3#



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

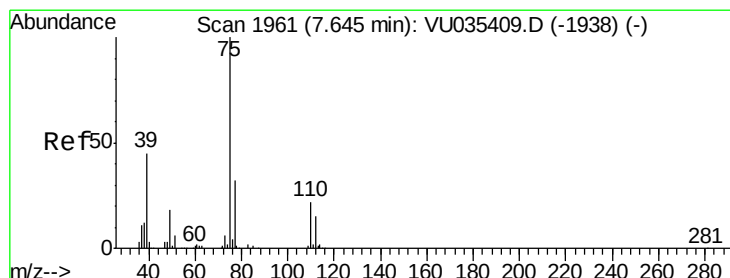
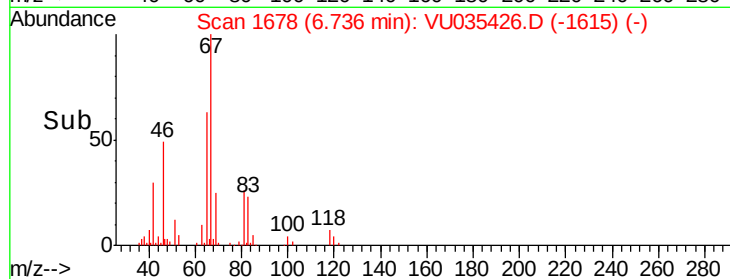
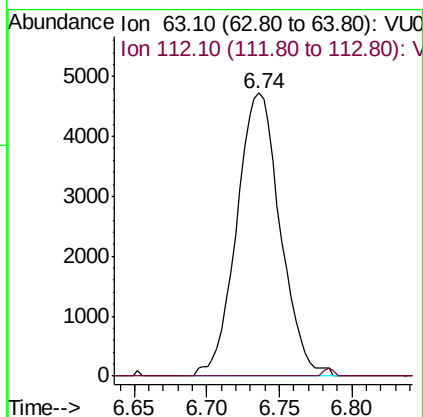
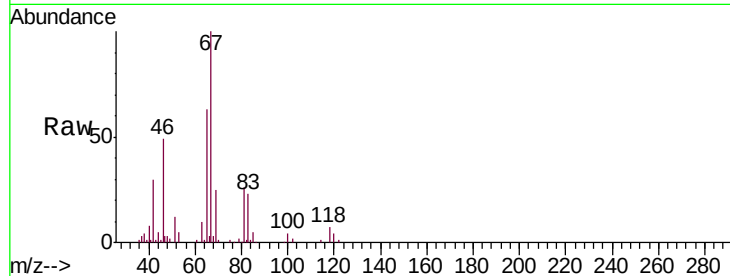




#37
 1,2-Dichloropropane
 Concen: 0.603 ug/L
 RT: 6.74 min Scan# 1678
 Delta R.T. -0.10 min
 Lab File: VU035426.D
 Acq: 23 Oct 2019 22:58

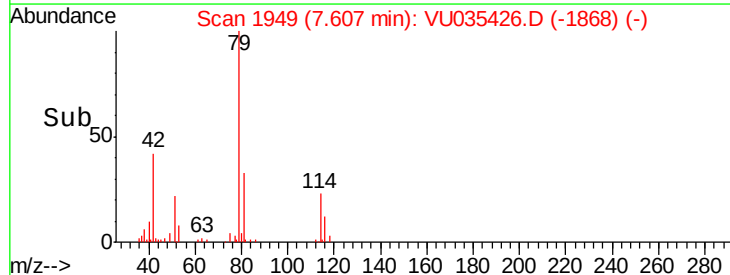
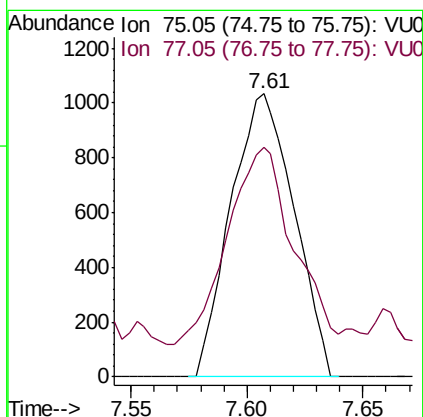
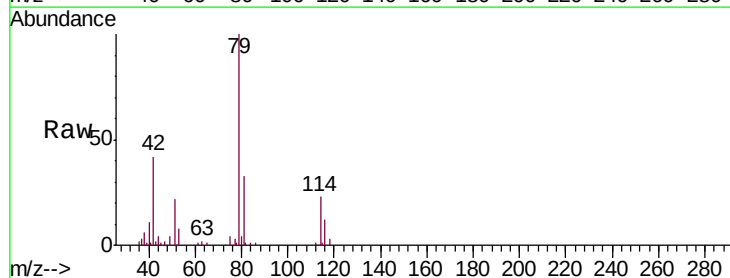
Instrument :
 MSVOA_U
 ClientSampleId :
 H0G51

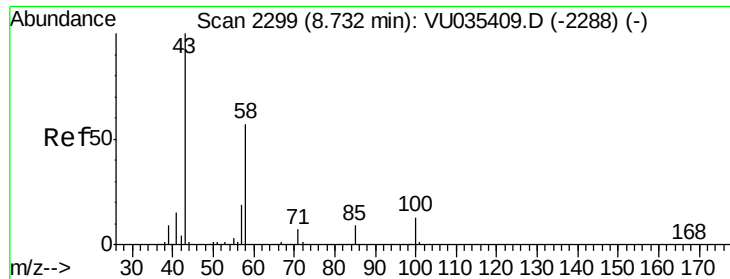
Tgt Ion: 63 Resp: 9883
 Ion Ratio Lower Upper
 63 100
 112 0.6 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.071 ug/L
 RT: 7.61 min Scan# 1949
 Delta R.T. -0.04 min
 Lab File: VU035426.D
 Acq: 23 Oct 2019 22:58

Tgt Ion: 75 Resp: 1954
 Ion Ratio Lower Upper
 75 100
 77 80.9 22.7 42.1#

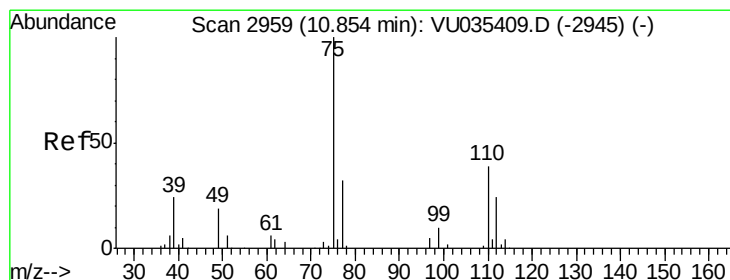
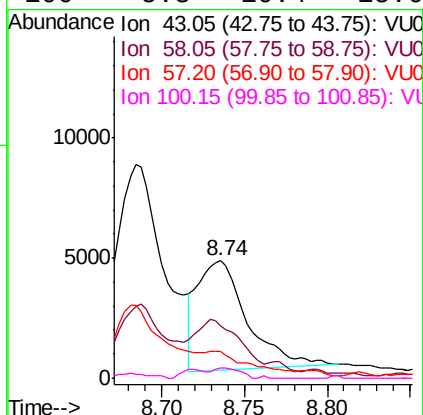
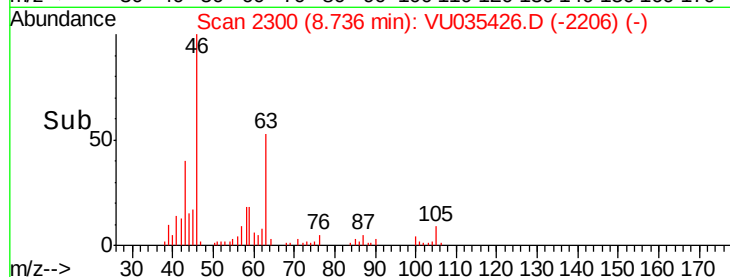
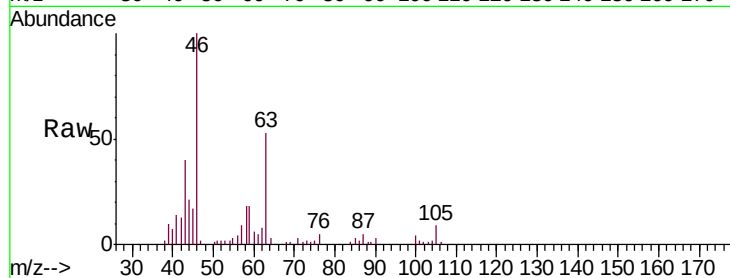




#48
2-Hexanone
Concen: 1.233 ug/L
RT: 8.74 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VU035426.D
Acq: 23 Oct 2019 22:58

Instrument :
MSVOA_U
ClientSampleId :
H0G51

Tgt Ion: 43 Resp: 9569
Ion Ratio Lower Upper
43 100
58 36.7 45.1 67.7#
57 0.0 16.0 24.0#
100 5.3 10.4 15.6#



#59
1,2,3-Trichloropropane
Concen: 0.768 ug/L
RT: 11.84 min Scan# 3267
Delta R.T. 0.99 min
Lab File: VU035426.D
Acq: 23 Oct 2019 22:58

Tgt Ion: 75 Resp: 8775
Ion Ratio Lower Upper
75 100
77 37.7 26.2 39.2

