

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120519\
 Data File : VU036000.D
 Acq On : 05 Dec 2019 17:56
 Operator : JC/SP
 Sample : K6132-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFQQ9

Quant Time: Dec 06 02:01:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 06 00:57:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	283553	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	307069	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	112850	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	127329	3.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.80%
7) Chloroethane-d5	1.93	69	108856	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.00%
11) 1,1-Dichloroethene-d2	2.59	63	148933	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	4.71	46	202113	35.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.62%
24) Chloroform-d	5.11	84	200382	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.75	65	109302	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
32) Benzene-d6	5.77	84	396748	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	6.73	67	128296	4.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.20%
41) Toluene-d8	7.93	98	326239	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.00%
43) trans-1,3-Dichloropropene-	8.21	79	47918	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
46) 2-Hexanone-d5	8.68	63	213775	45.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.40%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	116819	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	121205	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

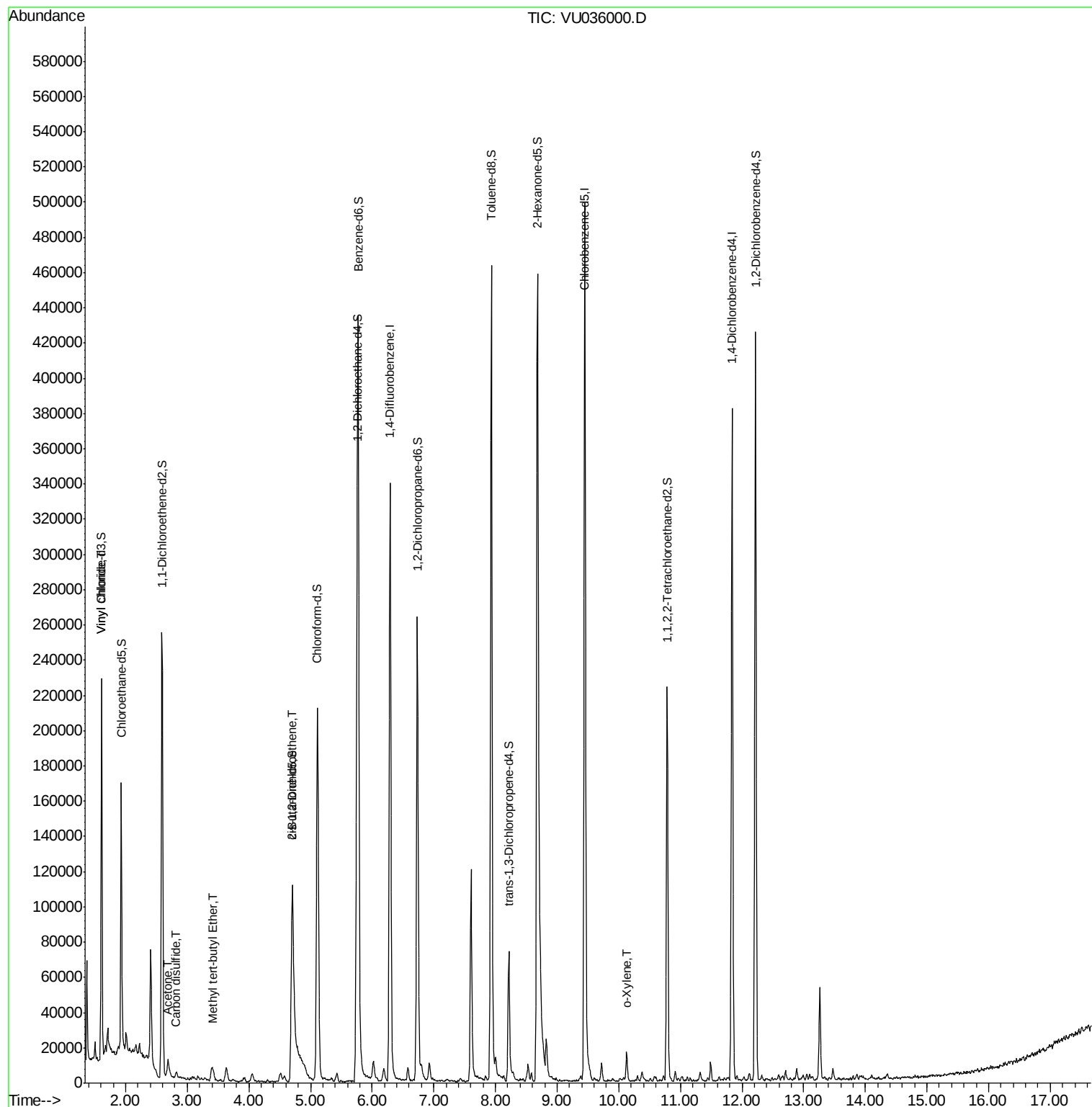
					Ovalue
5) Vinyl chloride	1.62	62	7874	0.232 ug/L #	45
13) Acetone	2.69	43	17075	3.300 ug/L	85
14) Carbon disulfide	2.82	76	5252	0.074 ug/L #	87
17) Methyl tert-butyl Ether	3.42	73	5457	0.115 ug/L	96
22) cis-1,2-Dichloroethene	4.72	96	2475	0.109 ug/L	75
54) o-Xylene	10.13	106	4286	0.119 ug/L	80

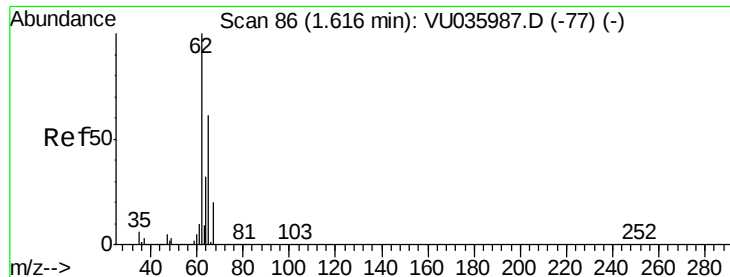
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 06 00:57:26 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.232 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

Lab File: VU036000.D

Acq: 05 Dec 2019 17:56

Instrument :

MSVOA_U

ClientSampleId :

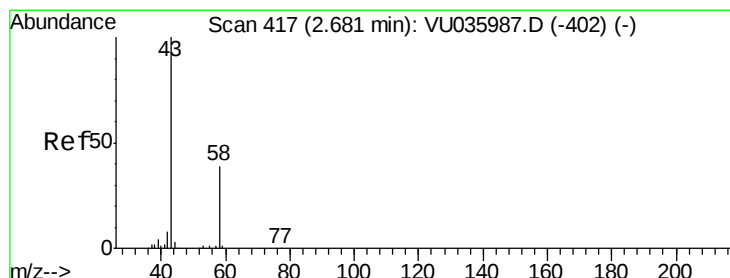
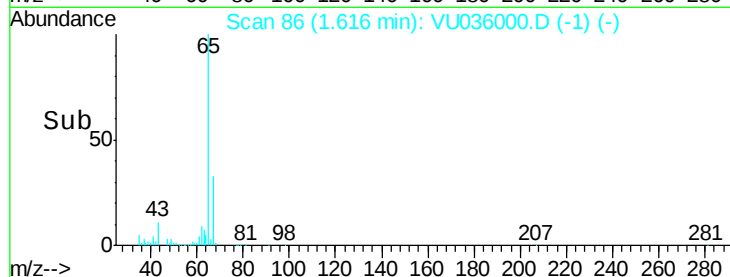
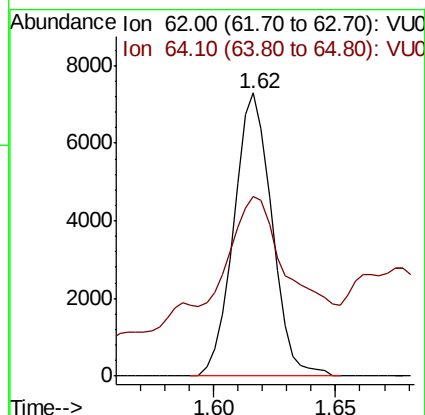
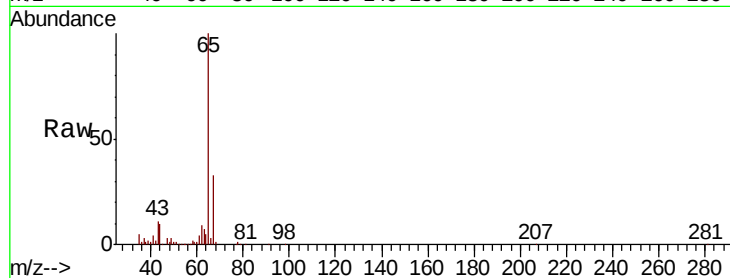
BFQQ9

Tot Ion: 62 Resp: 7874

Ion Ratio Lower Upper

62 100

64 63.6 23.0 42.6#



#13

Acetone

Concen: 3.300 ug/L

RT: 2.69 min Scan# 419

Delta R.T. 0.01 min

Lab File: VU036000.D

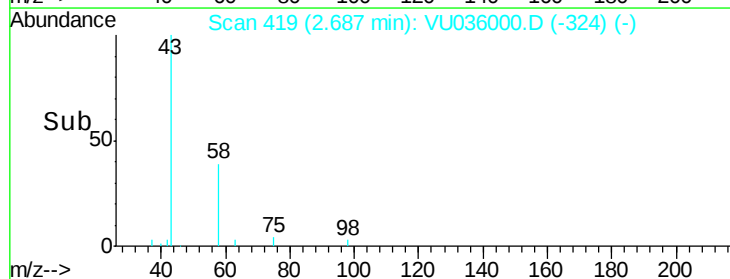
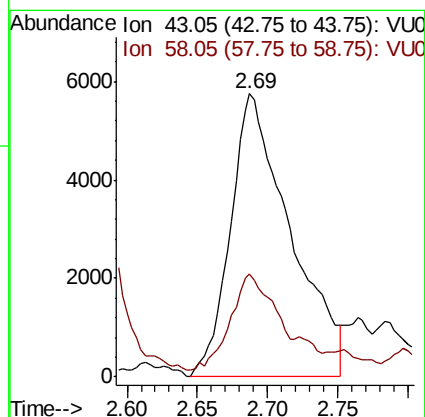
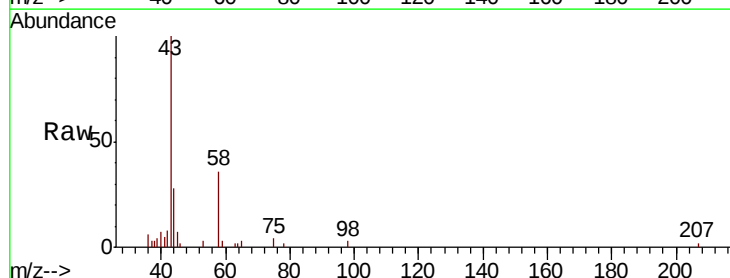
Acq: 05 Dec 2019 17:56

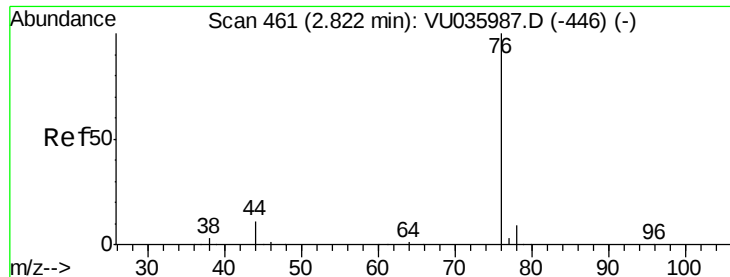
Tgt Ion: 43 Resp: 17075

Ion Ratio Lower Upper

43 100

58 25.6 0.0 68.6





#14

Carbon disulfide

Concen: 0.074 ug/L

RT: 2.82 min Scan# 461

Delta R.T. 0.00 min

Lab File: VU036000.D

Acq: 05 Dec 2019 17:56

Instrument :

MSVOA_U

ClientSampleId :

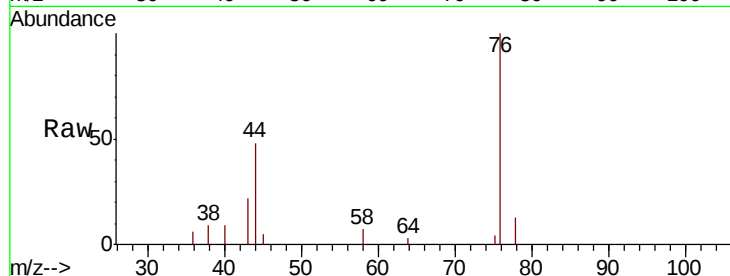
BFQQ9

Tot Ion: 76 Resp: 5252

Ion Ratio Lower Upper

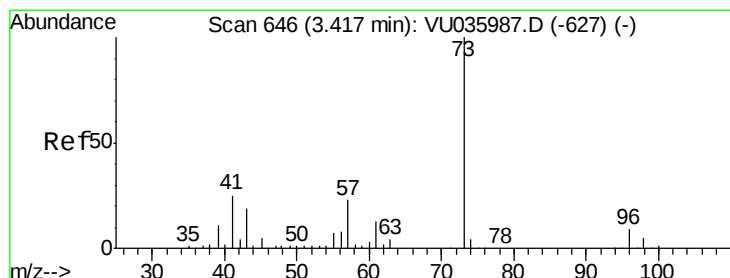
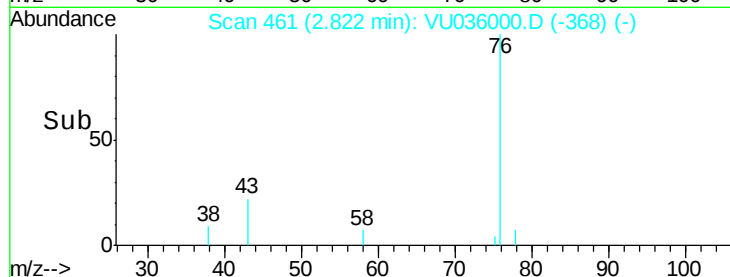
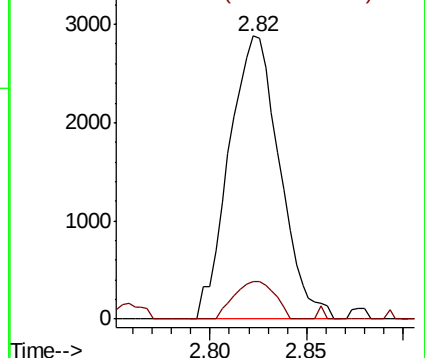
76 100

78 13.3 6.9 10.3#



Abundance Ion 76.05 (75.75 to 76.75): VU035987.D (-446) (-)

Ion 78.00 (77.70 to 78.70): VU035987.D (-446) (-)



#17

Methyl tert-butyl Ether

Concen: 0.115 ug/L

RT: 3.42 min Scan# 647

Delta R.T. 0.00 min

Lab File: VU036000.D

Acq: 05 Dec 2019 17:56

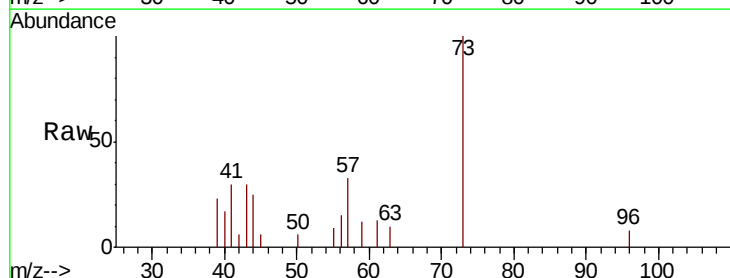
Tgt Ion: 73 Resp: 5457

Ion Ratio Lower Upper

73 100

43 16.4 15.9 23.9

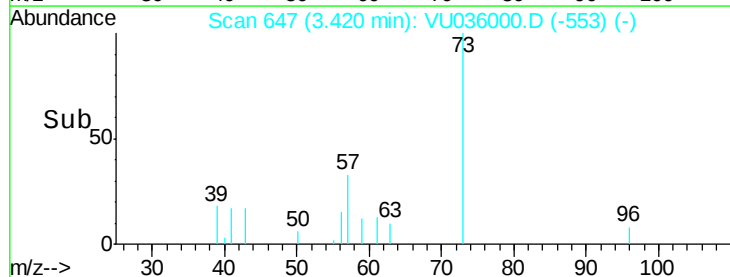
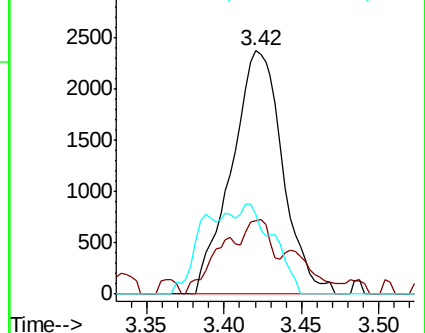
57 24.2 18.8 28.2

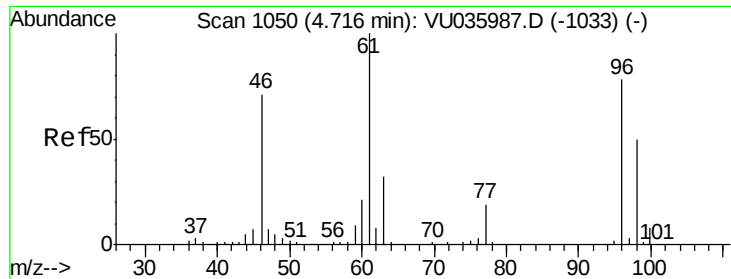


Abundance Ion 73.10 (72.80 to 73.80): VU035987.D (-627) (-)

Ion 43.05 (42.75 to 43.75): VU035987.D (-627) (-)

Ion 57.10 (56.80 to 57.80): VU035987.D (-627) (-)

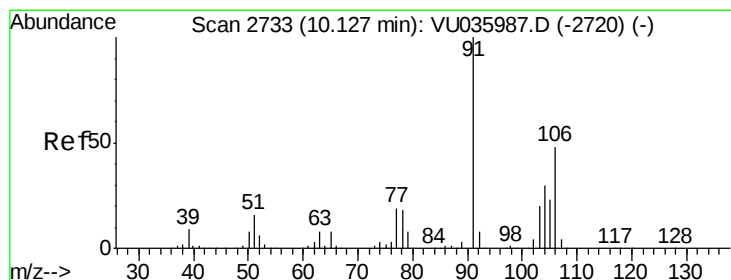
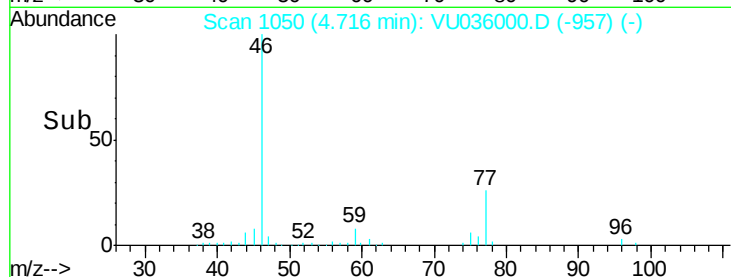
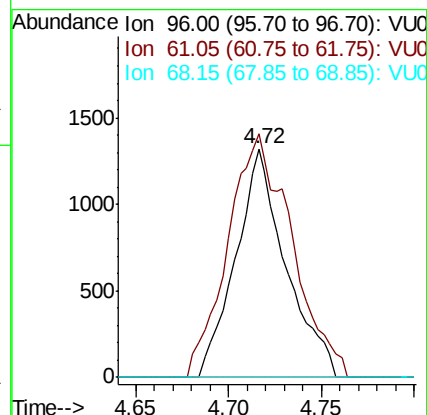
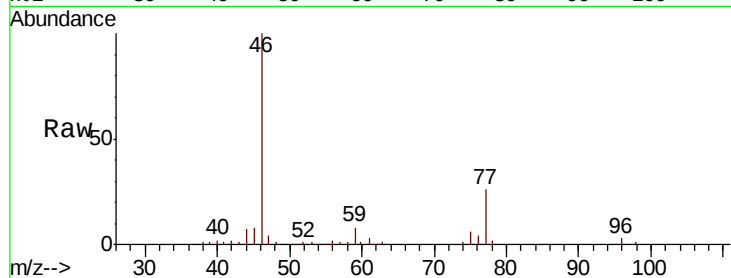




#22
 cis-1,2-Dichloroethene
 Concen: 0.109 ug/L
 RT: 4.72 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VU036000.D
 Acq: 05 Dec 2019 17:56

Instrument :
 MSVOA_U
 ClientSampleId :
 BFQQ9

Tot Ion: 96 Resp: 2475
 Ion Ratio Lower Upper
 96 100
 61 106.6 95.7 177.7
 68 0.0 0.0 0.0



#54
 o-Xylene
 Concen: 0.119 ug/L
 RT: 10.13 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VU036000.D
 Acq: 05 Dec 2019 17:56

Tgt Ion: 106 Resp: 4286
 Ion Ratio Lower Upper
 106 100
 91 189.0 155.3 288.3

