

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 01:02:15 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

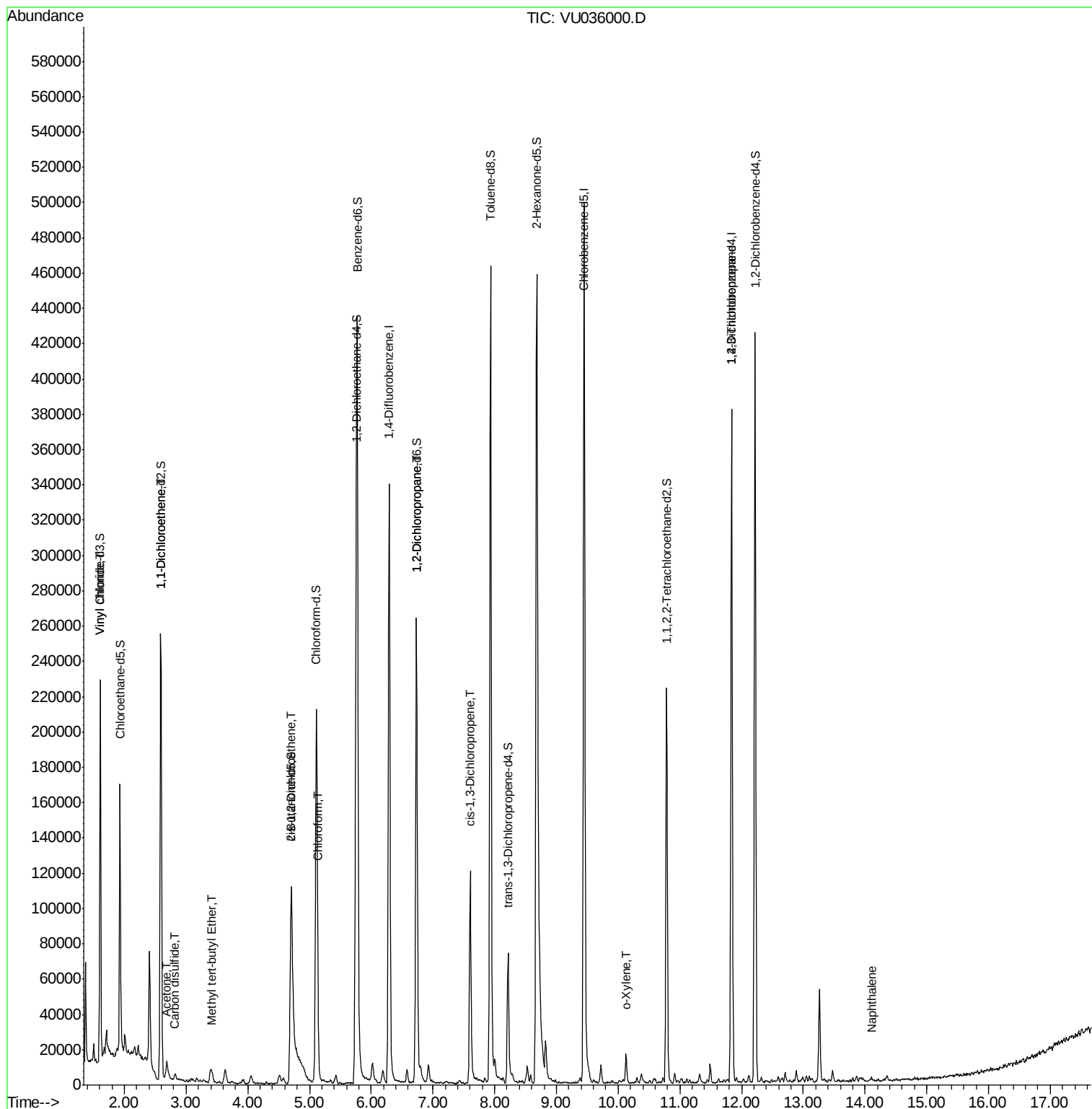
					Qvalue
5) Vinyl chloride	1.62	62	7874	0.232 ug/L #	45
12) 1,1-Dichloroethene	2.59	96	1759	0.087 ug/L #	1
13) Acetone	2.69	43	17075	3.300 ug/L	85
14) Carbon disulfide	2.82	76	5252	0.074 ug/L #	87
17) Methyl tert-butyl Ether	3.42	73	5457	0.115 ug/L	96
22) cis-1,2-Dichloroethene	4.72	96	2475	0.109 ug/L	75
25) Chloroform	5.14	83	9611	0.226 ug/L	96
37) 1,2-Dichloropropane	6.73	63	13728	0.525 ug/L #	89
39) cis-1,3-Dichloropropene	7.61	75	3626	0.105 ug/L #	62
54) o-Xylene	10.13	106	4286	0.119 ug/L	80
59) 1,2,3-Trichloropropane	11.84	75	12649	0.744 ug/L #	81
69) Naphthalene	14.11	128	1981	0.127 ug/L #	94

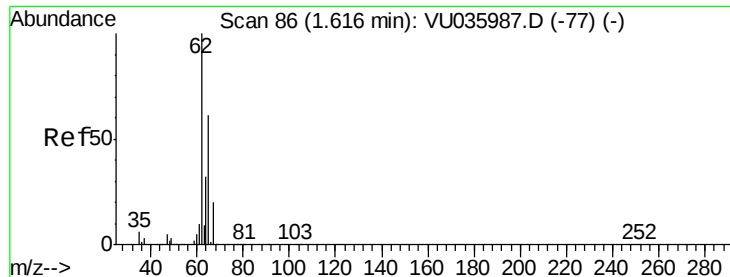
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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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 :

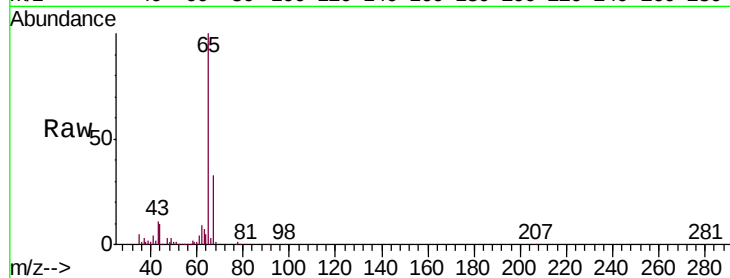
BFQQ9

Tgt Ion: 62 Resp: 7874

Ion Ratio Lower Upper

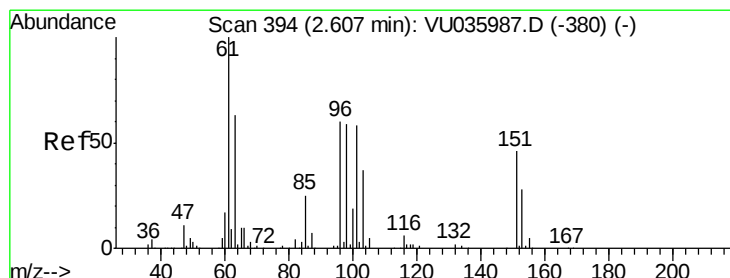
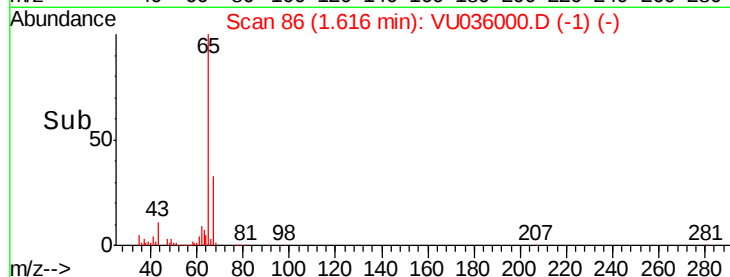
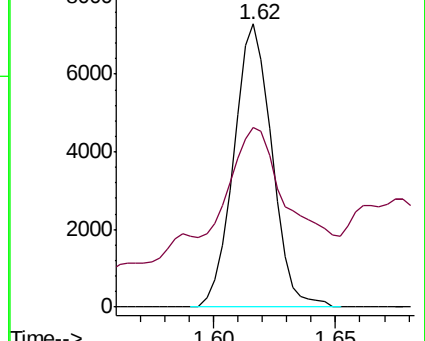
62 100

64 63.6 23.0 42.6#



Abundance Ion 62.00 (61.70 to 62.70): VU035987.D (-77) (-)

Ion 64.10 (63.80 to 64.80): VU035987.D (-77) (-)



#12

1,1-Dichloroethene

Concen: 0.087 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.02 min

Lab File: VU036000.D

Acq: 05 Dec 2019 17:56

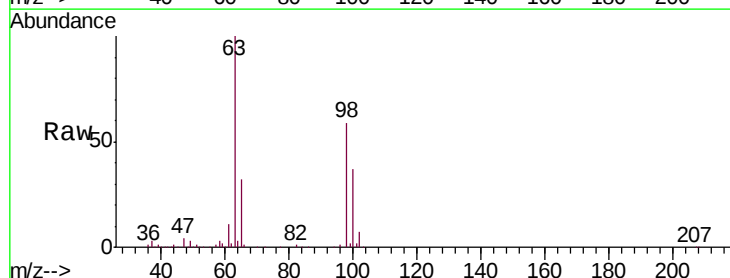
Tgt Ion: 96 Resp: 1759

Ion Ratio Lower Upper

96 100

61 1186.9 127.1 236.1#

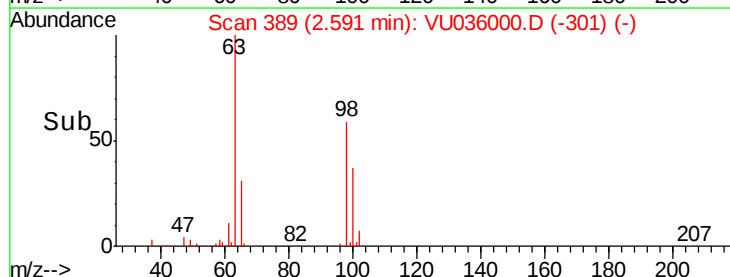
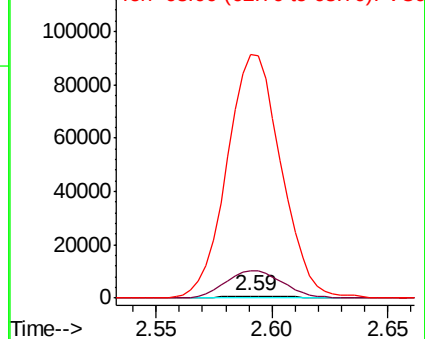
63 10464.2 86.0 159.8#

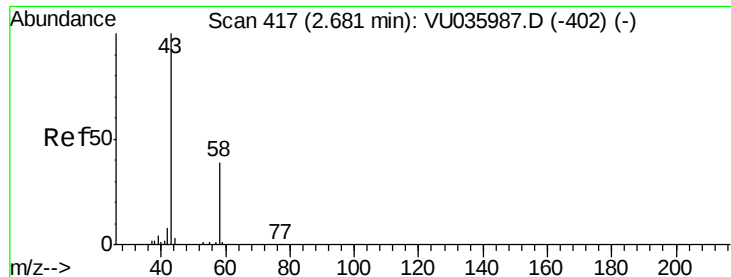


Abundance Ion 96.00 (95.70 to 96.70): VU035987.D (-380) (-)

Ion 61.05 (60.75 to 61.75): VU035987.D (-380) (-)

Ion 63.00 (62.70 to 63.70): VU035987.D (-380) (-)





#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

Instrument :

MSVOA_U

ClientSampleId :

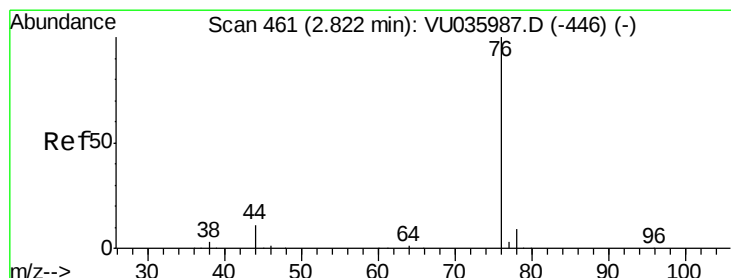
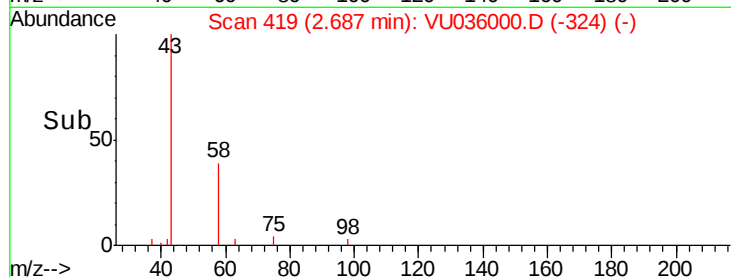
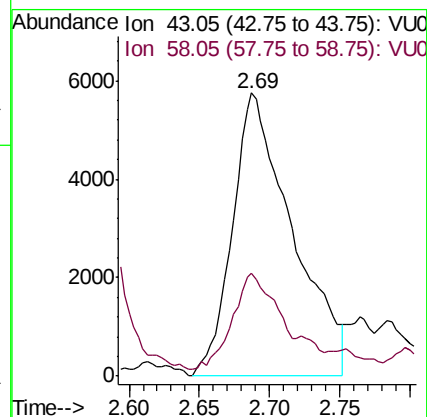
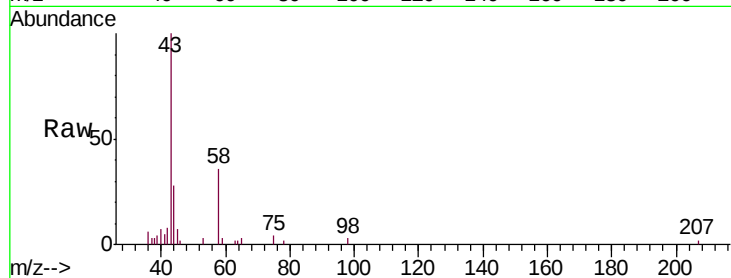
BFQQ9

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

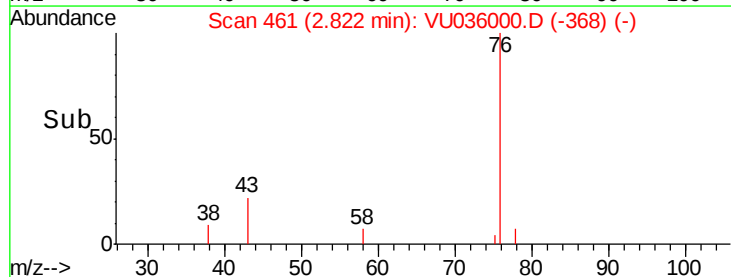
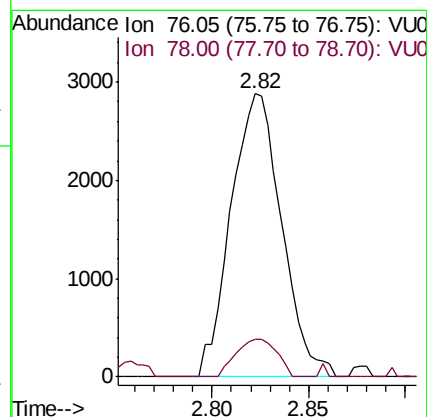
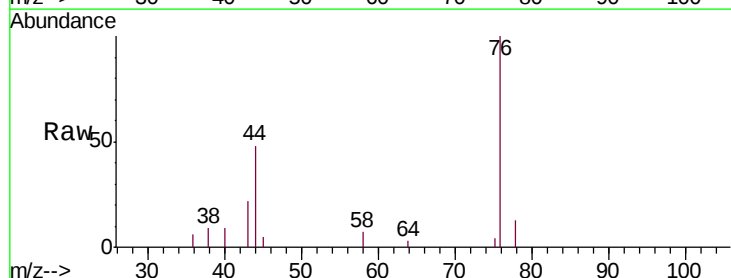
Acq: 05 Dec 2019 17:56

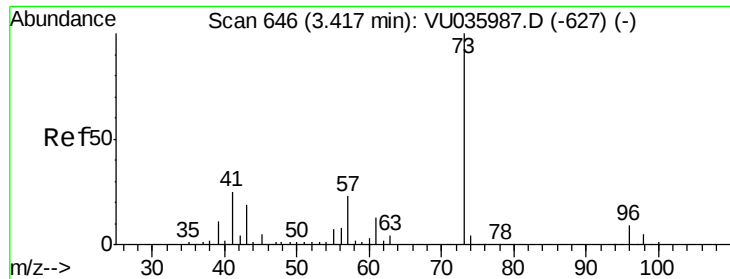
Tgt Ion: 76 Resp: 5252

Ion Ratio Lower Upper

76 100

78 13.3 6.9 10.3#

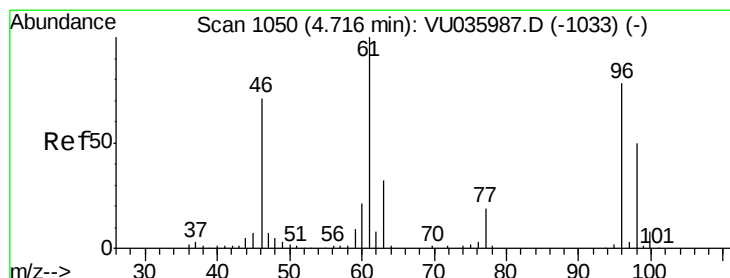
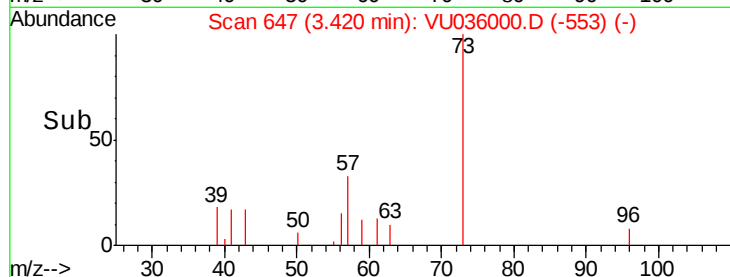
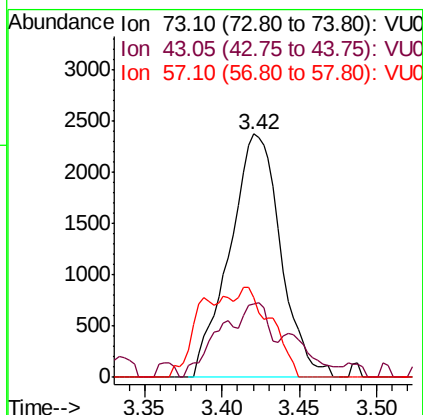
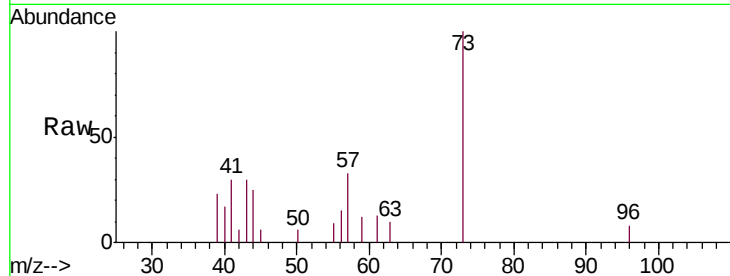




#17
Methyl tert-butyl Ether
Concen: 0.115 ug/L
RT: 3.42 min Scan# 647
Delta R.T. 0.00 min
Lab File: VU036000.D
Acq: 05 Dec 2019 17:56

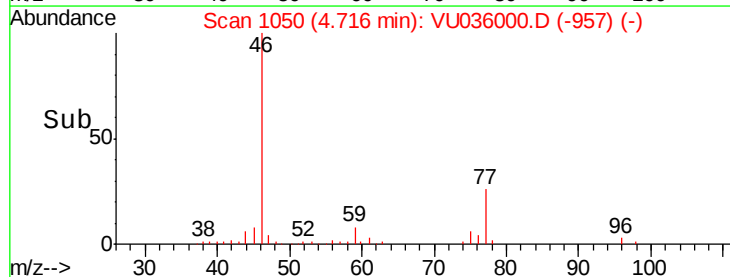
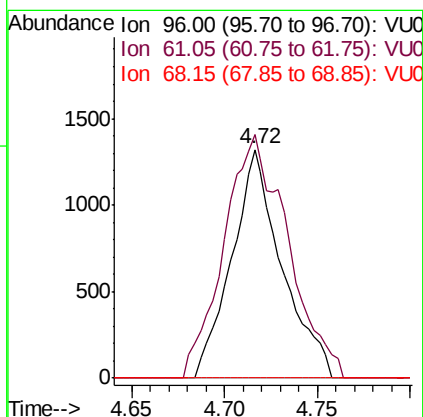
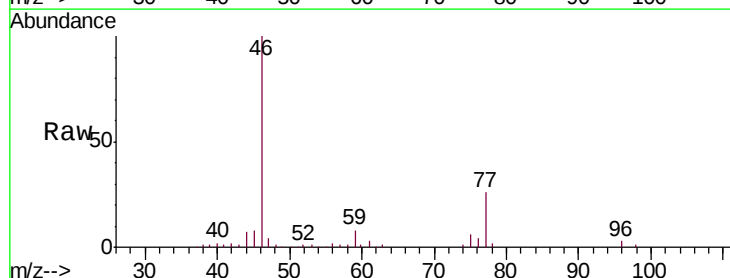
Instrument :
MSVOA_U
ClientSampleId :
BFQQ9

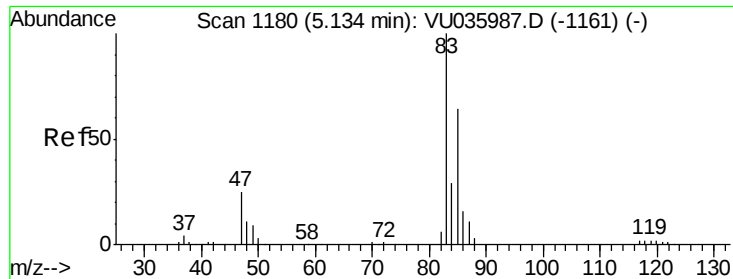
Tgt Ion: 73 Resp: 5457
Ion Ratio Lower Upper
73 100
43 16.4 15.9 23.9
57 24.2 18.8 28.2



#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

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

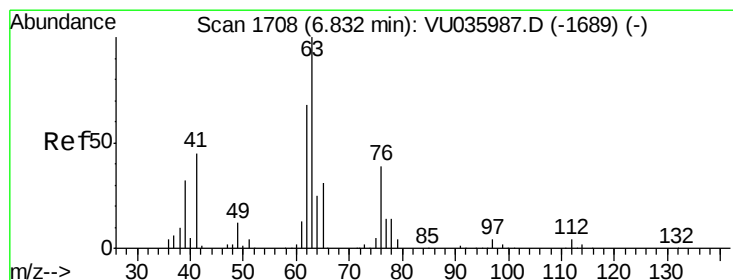
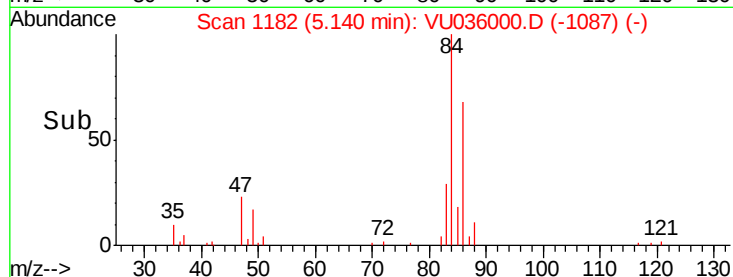
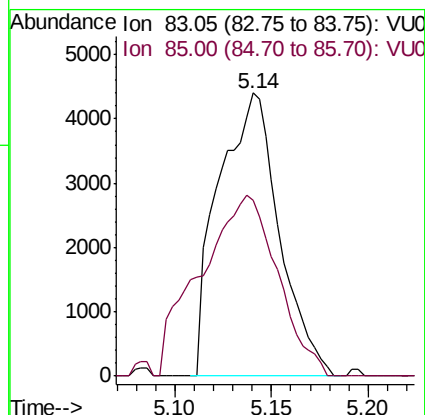
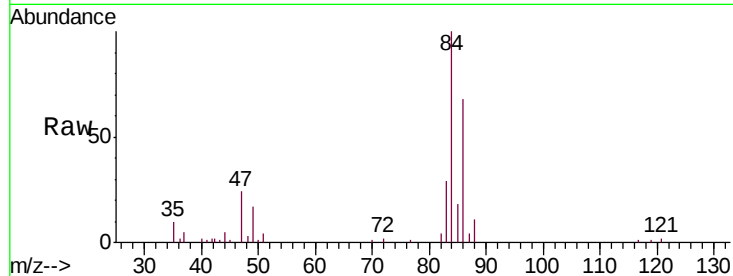




#25
Chloroform
Concen: 0.226 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VU036000.D
Acq: 05 Dec 2019 17:56

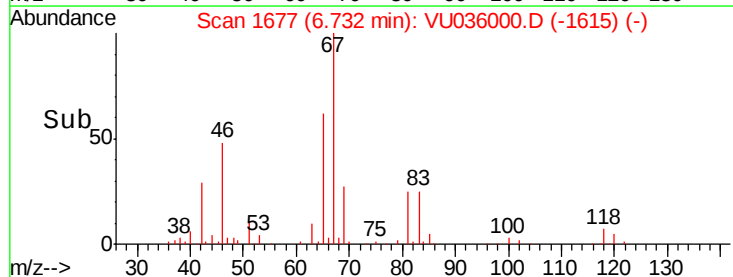
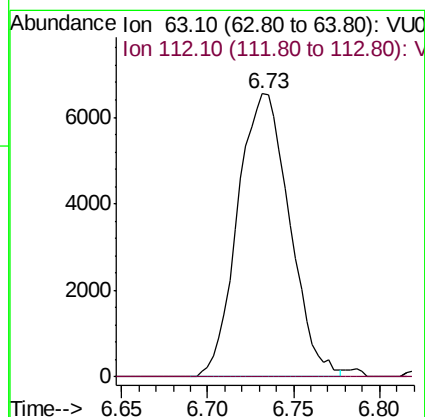
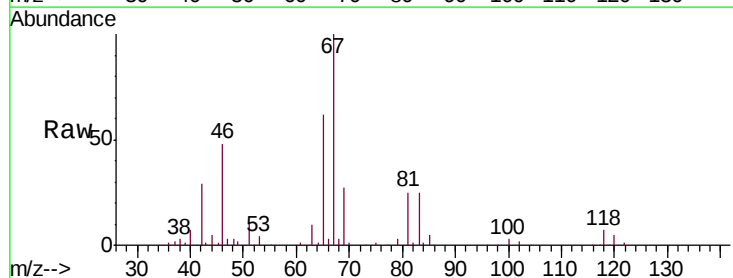
Instrument :
MSVOA_U
ClientSampleId :
BFQQ9

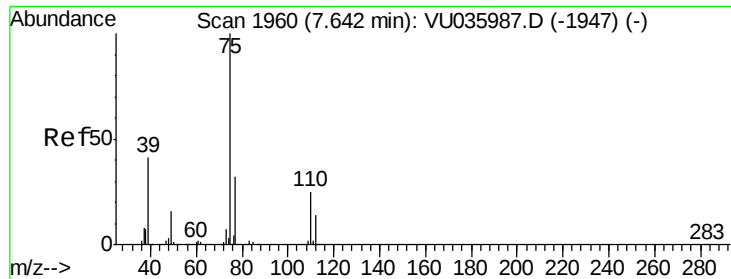
Tgt Ion: 83 Resp: 9611
Ion Ratio Lower Upper
83 100
85 61.9 45.4 84.2



#37
1,2-Dichloropropane
Concen: 0.525 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU036000.D
Acq: 05 Dec 2019 17:56

Tgt Ion: 63 Resp: 13728
Ion Ratio Lower Upper
63 100
112 0.3 3.3 4.9#





#39

cis-1,3-Dichloroprene

Concen: 0.105 ug/L

RT: 7.61 min Scan# 1949

Delta R.T. -0.04 min

Lab File: VU036000.D

Acq: 05 Dec 2019 17:56

Instrument :

MSVOA_U

ClientSampleId :

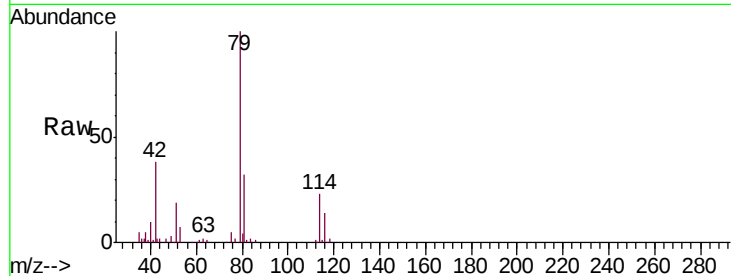
BFQQ9

Tgt Ion: 75 Resp: 3626

Ion Ratio Lower Upper

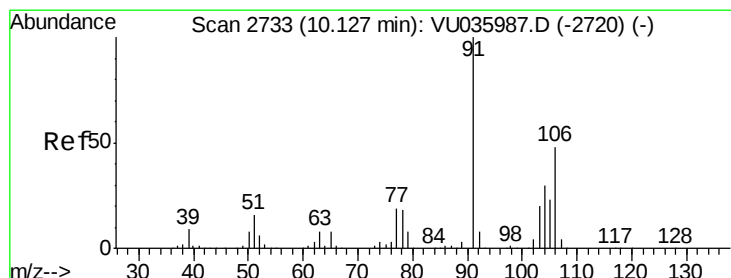
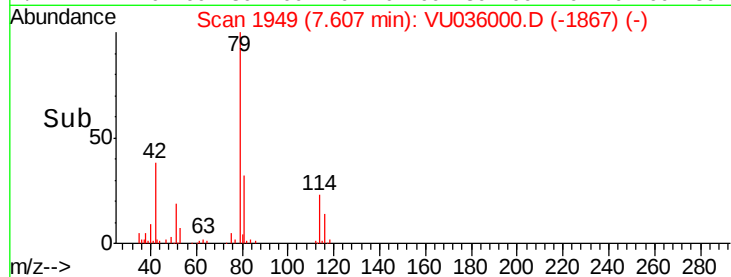
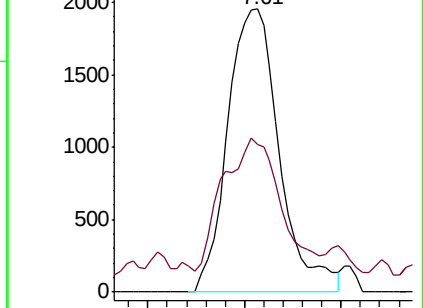
75 100

77 52.1 21.9 40.7#



Abundance Ion 75.05 (74.75 to 75.75): VU035987.D (-1947) (-)

Ion 77.05 (76.75 to 77.75): VU035987.D (-1947) (-)



#54

o-Xylene

Concen: 0.119 ug/L

RT: 10.13 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VU036000.D

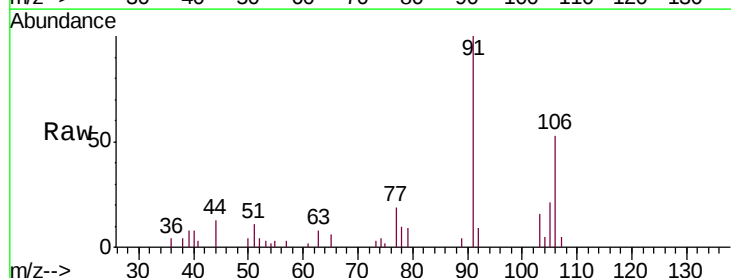
Acq: 05 Dec 2019 17:56

Tgt Ion: 106 Resp: 4286

Ion Ratio Lower Upper

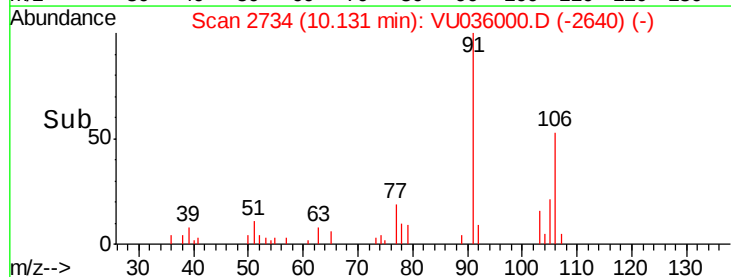
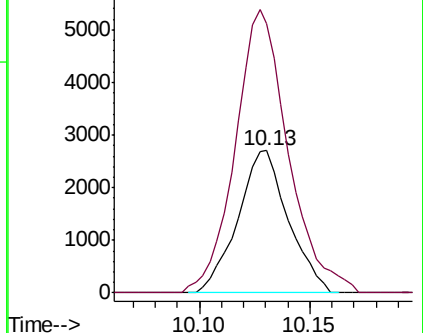
106 100

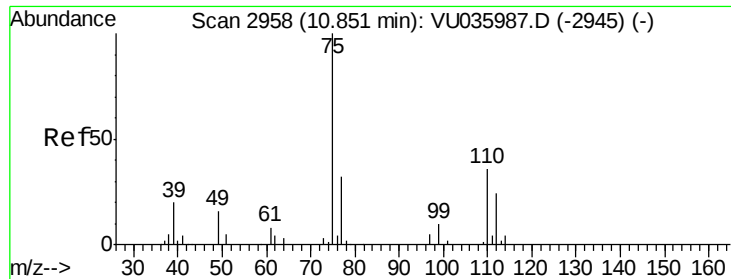
91 189.0 155.3 288.3



Abundance Ion 106.15 (105.85 to 106.85): VU035987.D (-2720) (-)

Ion 91.15 (90.85 to 91.85): VU035987.D (-2720) (-)





#59

1,2,3-Trichloropropane

Concen: 0.744 ug/L

RT: 11.84 min Scan# 3265

Delta R.T. 0.99 min

Lab File: VU036000.D

Acq: 05 Dec 2019 17:56

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ClientSampleId :

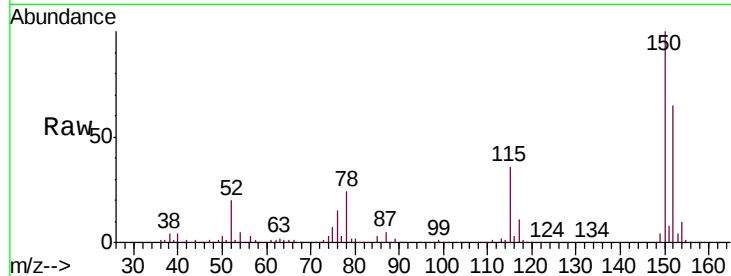
BFQQ9

Tgt Ion: 75 Resp: 12649

Ion Ratio Lower Upper

75 100

77 44.2 26.6 39.8#



Abundance Ion 75.00 (74.70 to 75.70): VU036000.D (-2336) (-)

Ion 77.00 (76.70 to 77.70): VU036000.D (-2336) (-)

11.84

8000

6000

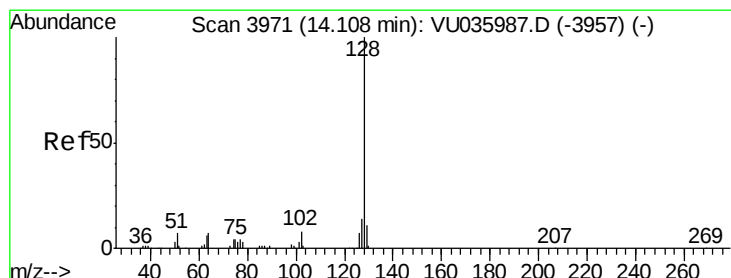
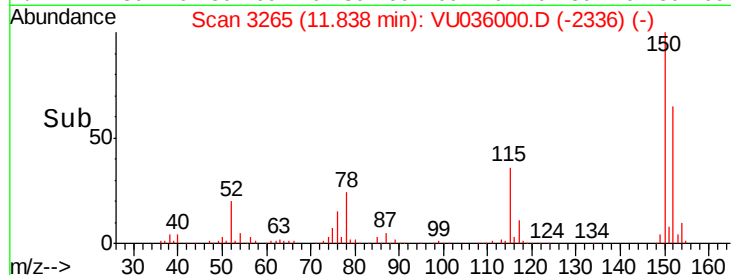
4000

2000

0

11.80 11.85 11.90

Time-->



#69

Naphthalene

Concen: 0.127 ug/L

RT: 14.11 min Scan# 3971

Delta R.T. 0.00 min

Lab File: VU036000.D

Acq: 05 Dec 2019 17:56

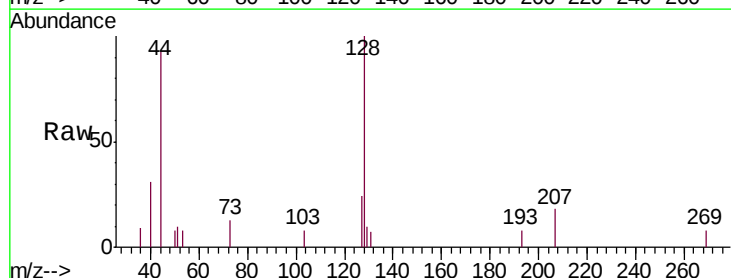
Tgt Ion: 128 Resp: 1981

Ion Ratio Lower Upper

128 100

129 7.5 8.4 12.6#

127 15.2 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): VU036000.D (-3349) (-)

Ion 129.00 (128.70 to 129.70): VU036000.D (-3349) (-)

Ion 127.00 (126.70 to 127.70): VU036000.D (-3349) (-)

14.11

1500

1000

500

0

14.05 14.10 14.15

Time-->

