

Data File : VU036003.D
Acq On : 05 Dec 2019 19:09
Operator : JC/SP
Sample : K6132-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFQR2

Quant Time: Dec 06 01:02:52 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	275089	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	302636	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	110637	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	122069	3.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.80%
7) Chloroethane-d5	1.93	69	107044	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.20%
11) 1,1-Dichloroethene-d2	2.59	63	138864	3.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.60%
20) 2-Butanone-d5	4.70	46	241370	43.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.94%
24) Chloroform-d	5.11	84	198683	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.75	65	106532	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.77	84	387268	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
36) 1,2-Dichloropropane-d6	6.73	67	125564	4.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.60%
41) Toluene-d8	7.93	98	309508	3.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.00%
43) trans-1,3-Dichloropropene-	8.21	79	46976	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
46) 2-Hexanone-d5	8.68	63	195069	42.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.62%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	108096	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	115171	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

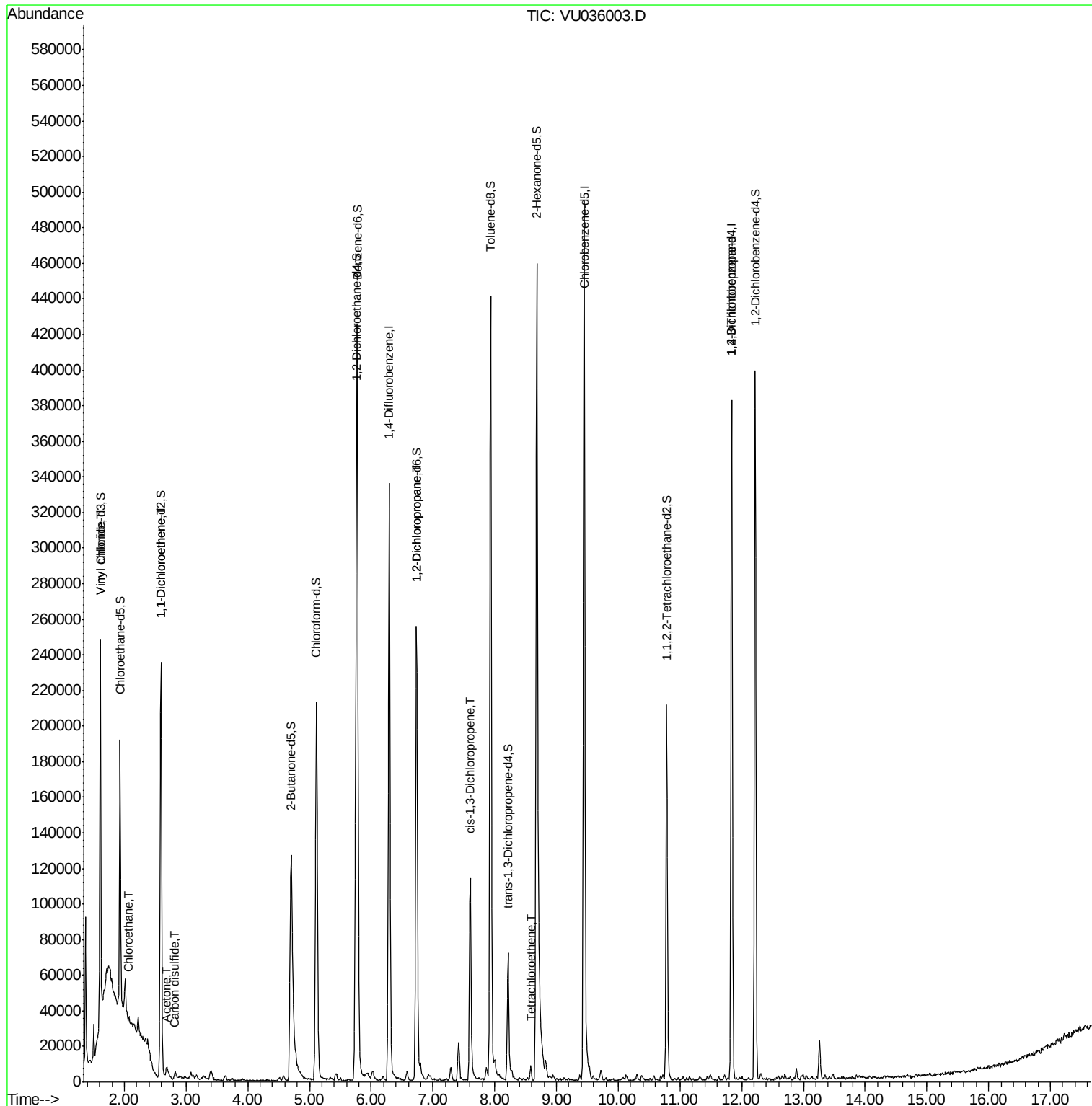
					Qvalue
5) Vinyl chloride	1.62	62	2924	0.089 ug/L #	1
8) Chloroethane	2.07	64	1545	0.076 ug/L #	54
12) 1,1-Dichloroethene	2.60	96	1311	0.066 ug/L #	1
13) Acetone	2.69	43	10476	2.087 ug/L	84
14) Carbon disulfide	2.82	76	6158	0.089 ug/L #	88
37) 1,2-Dichloropropane	6.73	63	13859	0.538 ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	3212	0.094 ug/L #	37
47) Tetrachloroethene	8.58	164	2062	0.105 ug/L #	65
59) 1,2,3-Trichloropropane	11.84	75	11742	0.701 ug/L	92

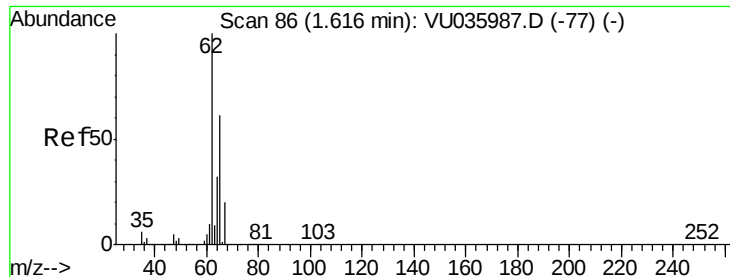
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 06 00:57:26 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.089 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU036003.D

Acq: 05 Dec 2019 19:09

Instrument :

MSVOA_U

ClientSampled :

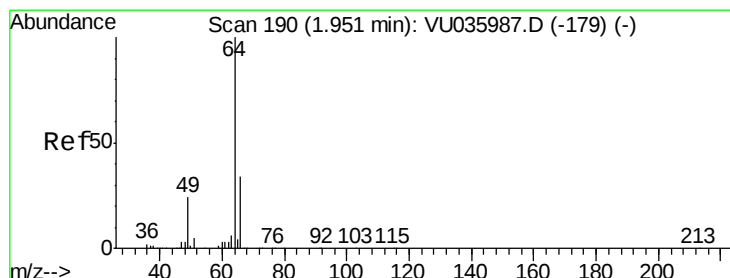
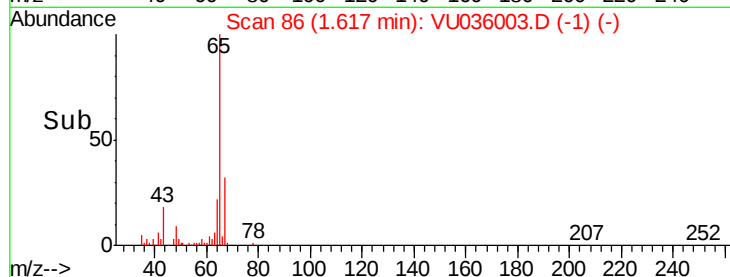
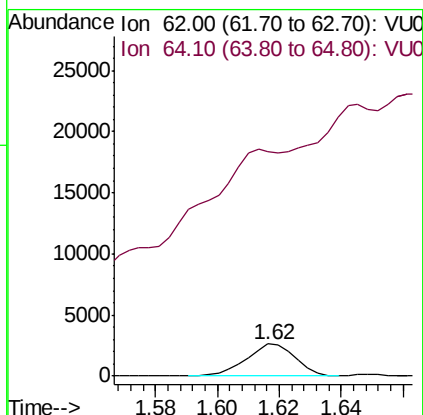
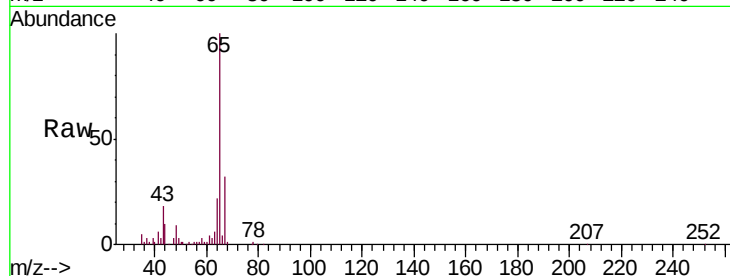
BFQR2

Tgt Ion: 62 Resp: 2924

Ion Ratio Lower Upper

62 100

64 698.4 23.0 42.6#



#8

Chloroethane

Concen: 0.076 ug/L

RT: 2.07 min Scan# 228

Delta R.T. 0.12 min

Lab File: VU036003.D

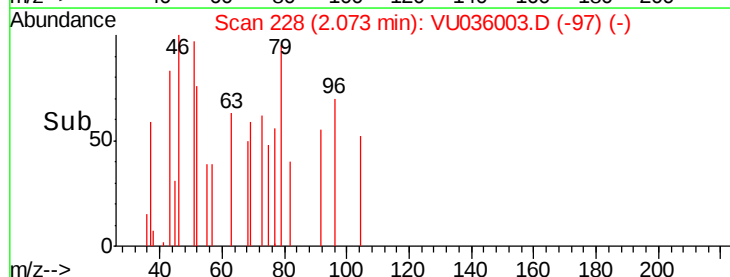
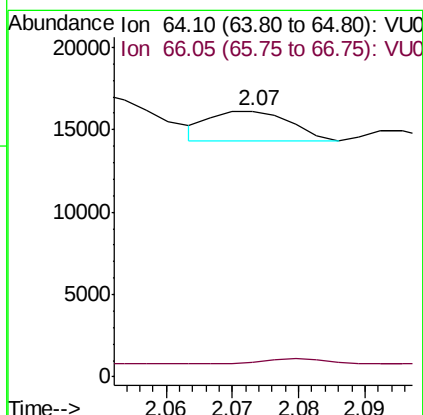
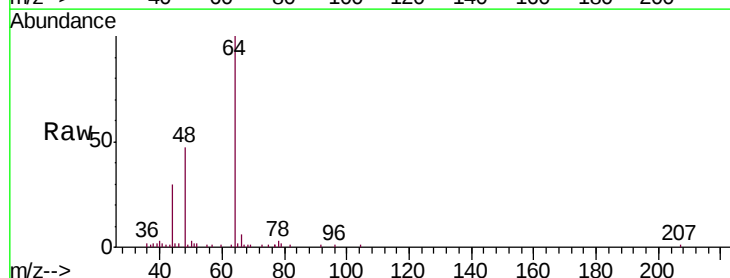
Acq: 05 Dec 2019 19:09

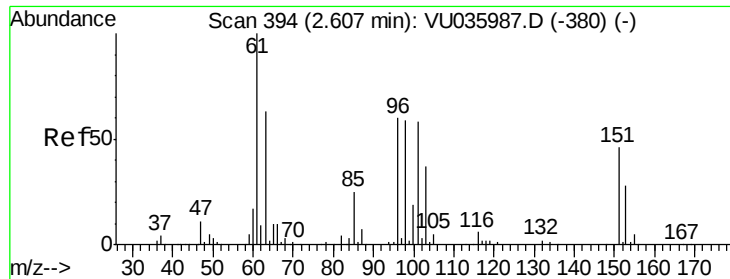
Tgt Ion: 64 Resp: 1545

Ion Ratio Lower Upper

64 100

66 5.7 22.0 40.8#

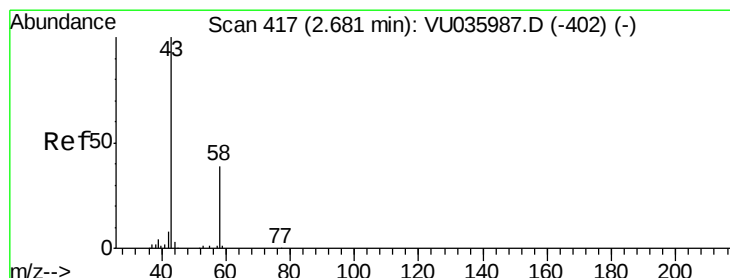
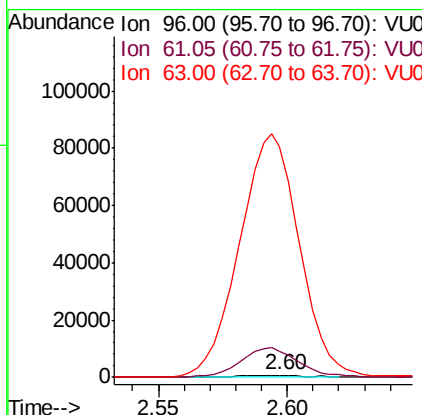
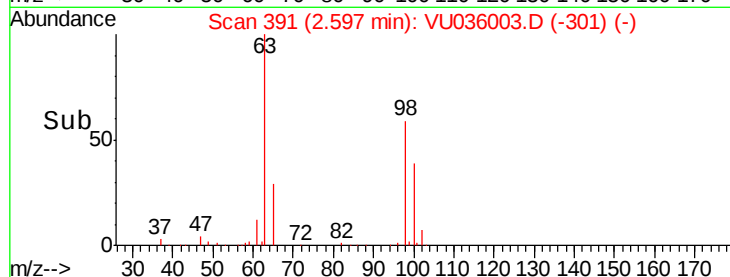
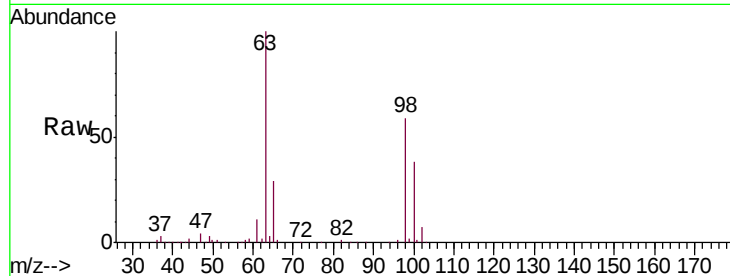




#12
 1,1-Dichloroethene
 Concen: 0.066 ug/L
 RT: 2.60 min Scan# 391
 Delta R.T. -0.01 min
 Lab File: VU036003.D
 Acq: 05 Dec 2019 19:09

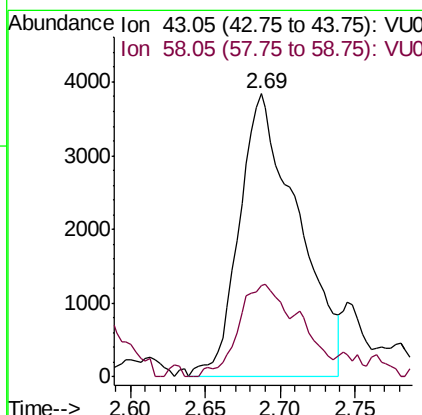
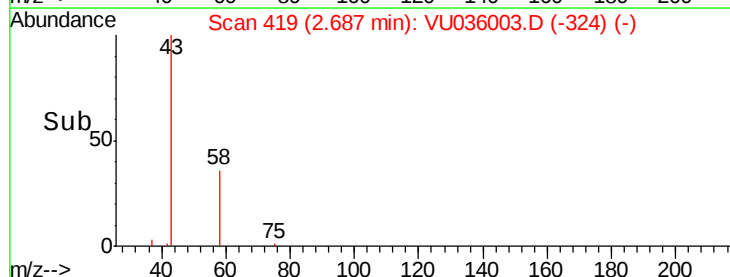
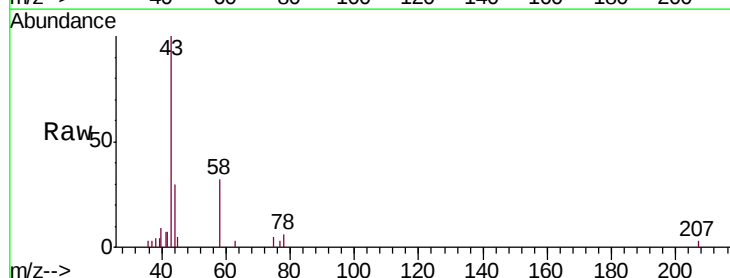
Instrument :
 MSVOA_U
 ClientSampleId :
 BFQR2

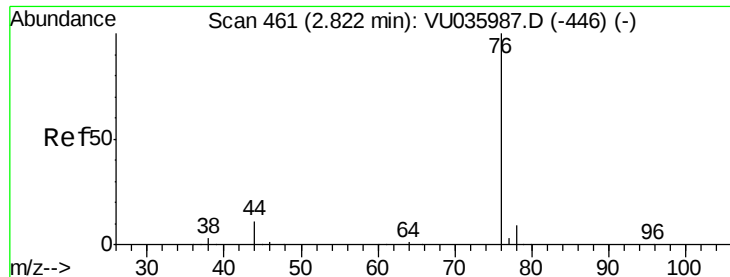
Tgt Ion: 96 Resp: 1311
 Ion Ratio Lower Upper
 96 100
 61 1336.8 127.1 236.1#
 63 11636.5 86.0 159.8#



#13
 Acetone
 Concen: 2.087 ug/L
 RT: 2.69 min Scan# 419
 Delta R.T. 0.01 min
 Lab File: VU036003.D
 Acq: 05 Dec 2019 19:09

Tgt Ion: 43 Resp: 10476
 Ion Ratio Lower Upper
 43 100
 58 25.2 0.0 68.6





#14

Carbon disulfide

Concen: 0.089 ug/L

RT: 2.82 min Scan# 461

Delta R.T. 0.00 min

Lab File: VU036003.D

Acq: 05 Dec 2019 19:09

Instrument :

MSVOA_U

ClientSampleId :

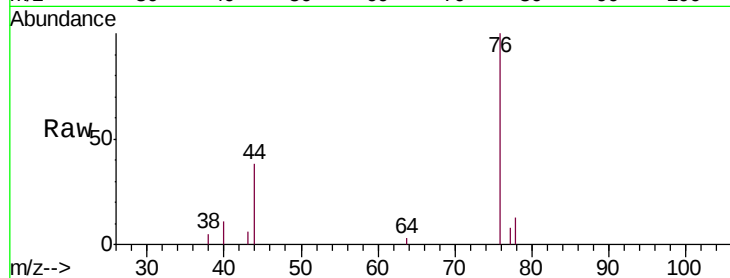
BFQR2

Tgt Ion: 76 Resp: 6158

Ion Ratio Lower Upper

76 100

78 12.9 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) (-)

2.82

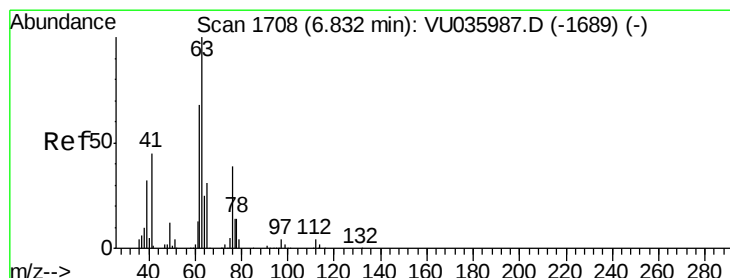
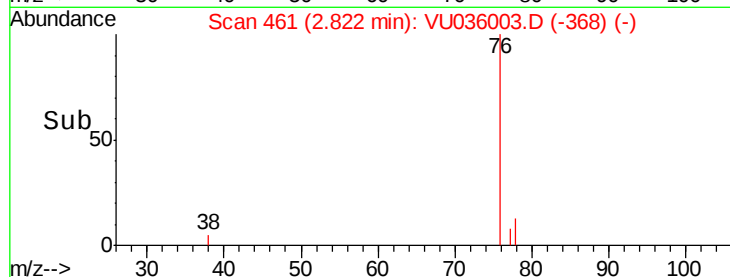
3000

2000

1000

0

Time-->



#37

1,2-Dichloropropane

Concen: 0.538 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.10 min

Lab File: VU036003.D

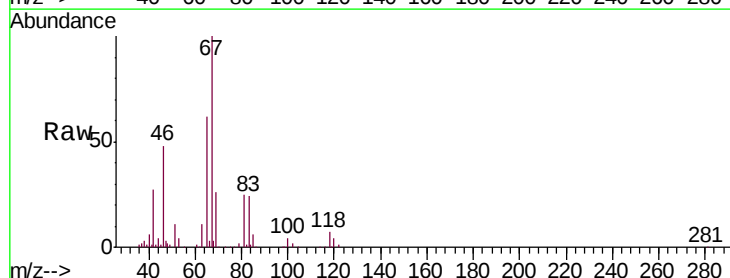
Acq: 05 Dec 2019 19:09

Tgt Ion: 63 Resp: 13859

Ion Ratio Lower Upper

63 100

112 0.1 3.3 4.9#



Abundance Ion 63.10 (62.80 to 63.80): VU035987.D (-1689) (-)

Ion 112.10 (111.80 to 112.80): VU035987.D (-1689) (-)

6.73

8000

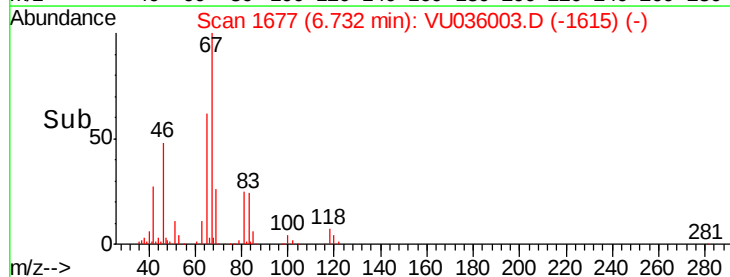
6000

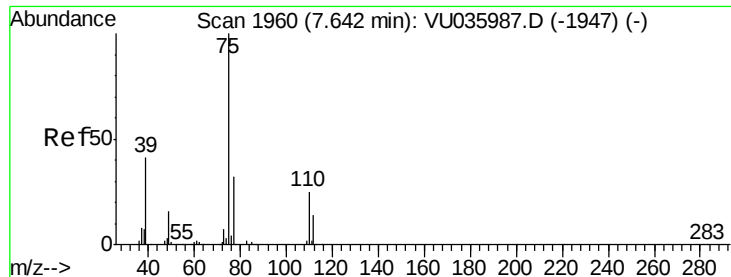
4000

2000

0

Time-->





#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 7.60 min Scan# 1948

Delta R.T. -0.04 min

Lab File: VU036003.D

Acq: 05 Dec 2019 19:09

Instrument :

MSVOA_U

ClientSampleId :

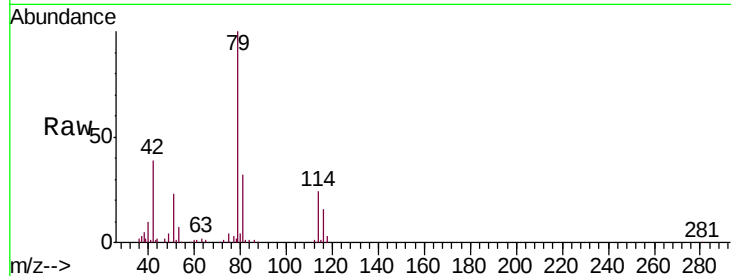
BFQR2

Tgt Ion: 75 Resp: 3212

Ion Ratio Lower Upper

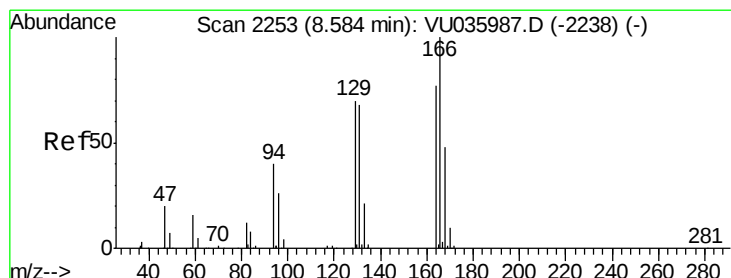
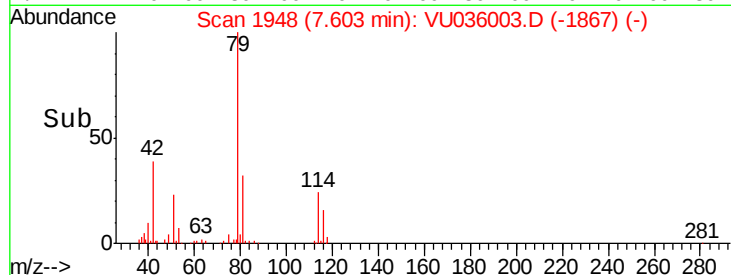
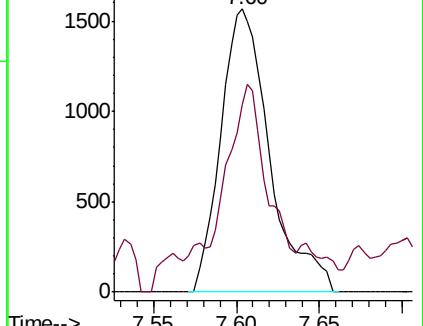
75 100

77 66.3 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) (-)



#47

Tetrachloroethene

Concen: 0.105 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VU036003.D

Acq: 05 Dec 2019 19:09

Tgt Ion: 164 Resp: 2062

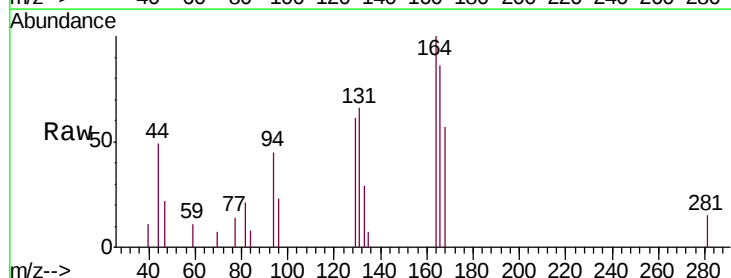
Ion Ratio Lower Upper

164 100

129 61.4 67.9 126.1#

131 66.4 64.1 119.1

166 86.4 92.6 172.0#

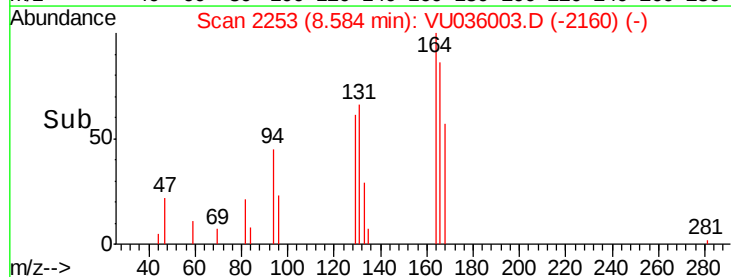
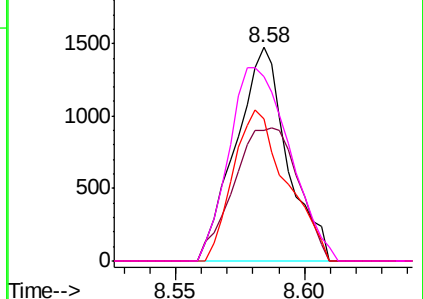


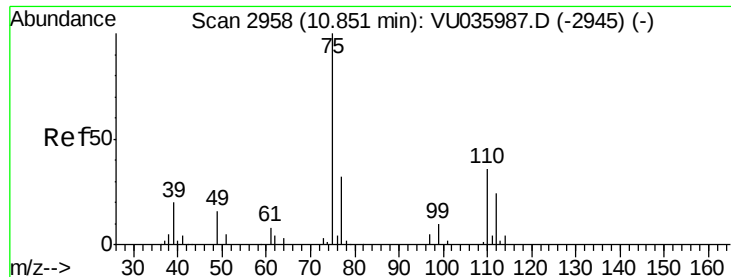
Abundance Ion 163.90 (163.60 to 164.60): VU035987.D (-2238) (-)

Ion 128.95 (128.65 to 129.65): VU035987.D (-2238) (-)

Ion 130.95 (130.65 to 131.65): VU035987.D (-2238) (-)

Ion 165.90 (165.60 to 166.60): VU035987.D (-2238) (-)





#59

1,2,3-Trichloropropane

Concen: 0.701 ug/L

RT: 11.84 min Scan# 3265

Delta R.T. 0.99 min

Lab File: VU036003.D

Acq: 05 Dec 2019 19:09

Instrument :

MSVOA_U

ClientSampleId :

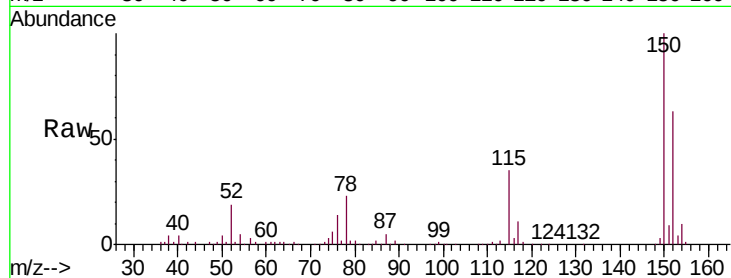
BFQR2

Tgt Ion: 75 Resp: 11742

Ion Ratio Lower Upper

75 100

77 37.6 26.6 39.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

