

Data File : VU036065.D
Acq On : 09 Dec 2019 22:35
Operator : JC/MD
Sample : K6132-23
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFQX3

Quant Time: Dec 10 01:54:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 10 01:47:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	252812	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	268794	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	77127	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	97262	4.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.40%
7) Chloroethane-d5	1.93	69	127136	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.40%
11) 1,1-Dichloroethene-d2	2.59	63	121268	2.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.80%#
20) 2-Butanone-d5	4.68	46	197508	51.44	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.88%
24) Chloroform-d	5.11	84	168499	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.75	65	90799	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.77	84	343879	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	6.73	67	103683	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.93	98	292155	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
43) trans-1,3-Dichloropropene-	8.21	79	39838	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	8.69	63	168900	54.58	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.16%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	93215	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	82162	5.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.80%

Target Compounds

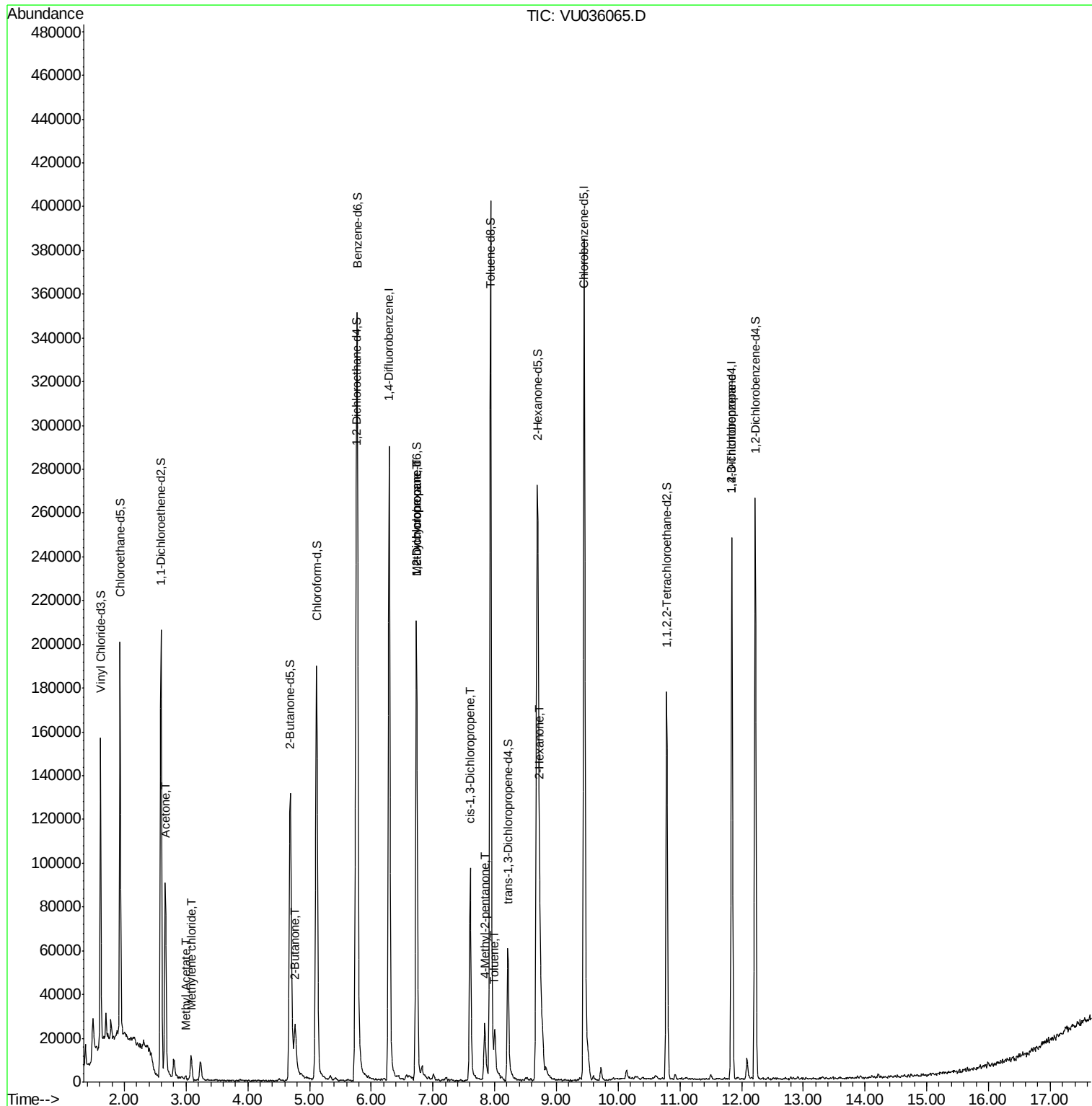
						Qvalue
13) Acetone	2.66	43	102792	21.089	ug/L	93
15) Methyl Acetate	3.00	43	1629	0.226	ug/L #	74
16) Methylene chloride	3.08	84	6038	0.236	ug/L	93
21) 2-Butanone	4.77	43	26889	5.512	ug/L	97
35) Methylcyclohexane	6.73	83	25313	0.967	ug/L #	19
37) 1,2-Dichloropropane	6.74	63	10602	0.575	ug/L #	85
39) cis-1,3-Dichloropropene	7.61	75	2514	0.100	ug/L #	55
40) 4-Methyl-2-pentanone	7.84	43	20275	2.106	ug/L #	87
42) Toluene	8.00	91	12642	0.160	ug/L	100
48) 2-Hexanone	8.73	43	8023	1.162	ug/L #	49
59) 1,2,3-Trichloropropane	11.84	75	7841	0.595	ug/L	89

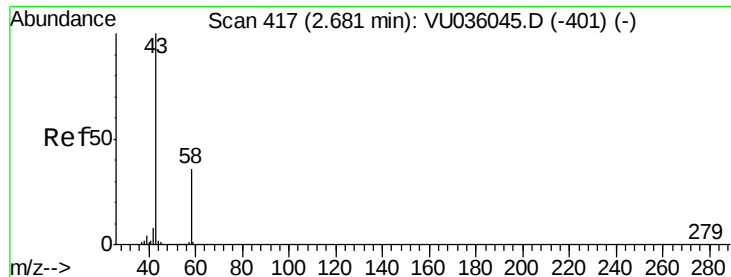
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 21.089 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.02 min

Lab File: VU036065.D

Acq: 09 Dec 2019 22:35

Instrument :

MSVOA_U

ClientSampleId :

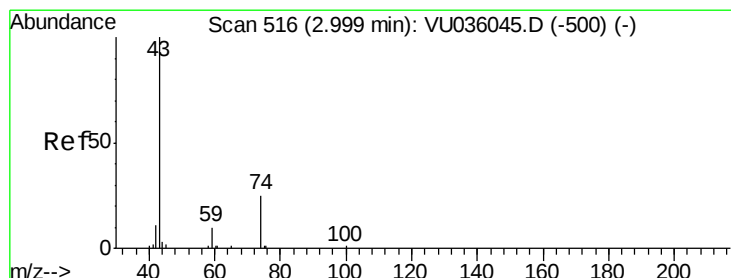
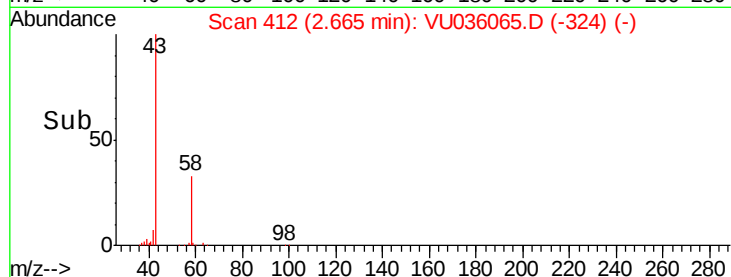
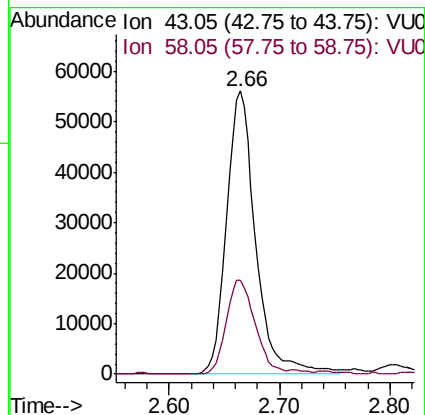
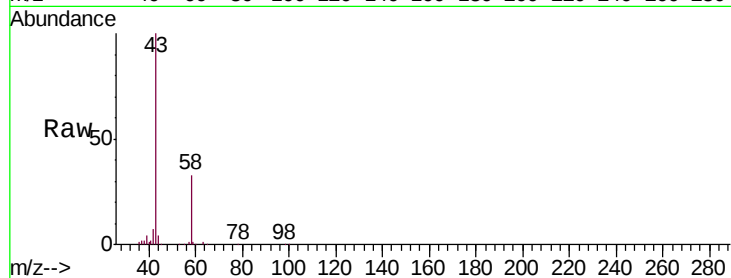
BFQX3

Tgt Ion: 43 Resp: 102792

Ion Ratio Lower Upper

43 100

58 32.7 0.0 74.2



#15

Methyl Acetate

Concen: 0.226 ug/L

RT: 3.00 min Scan# 516

Delta R.T. -0.00 min

Lab File: VU036065.D

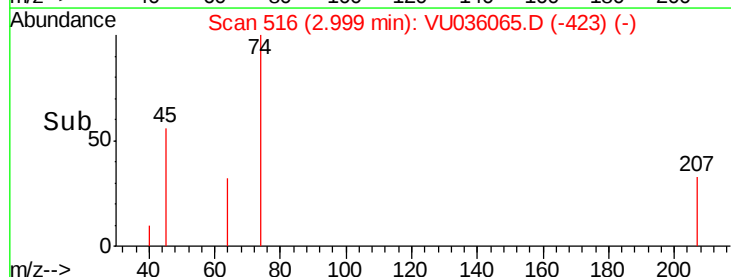
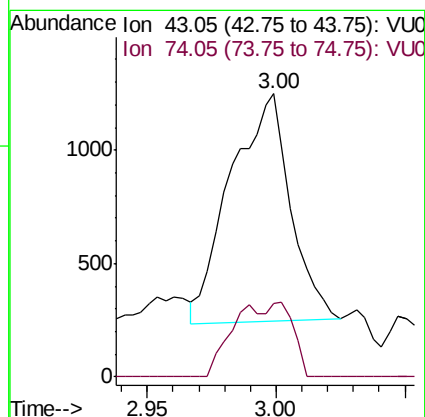
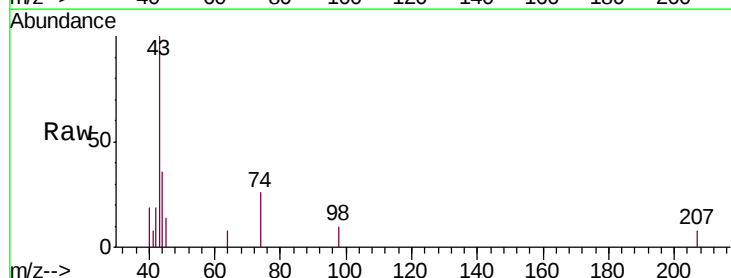
Acq: 09 Dec 2019 22:35

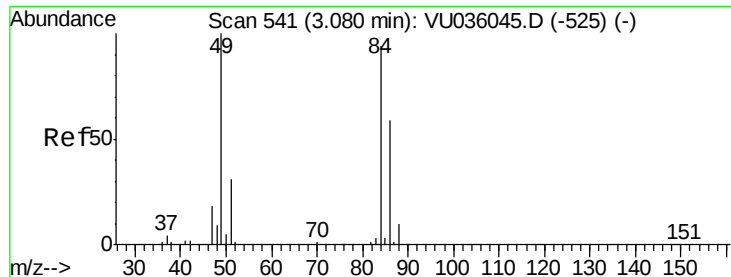
Tgt Ion: 43 Resp: 1629

Ion Ratio Lower Upper

43 100

74 12.7 21.0 31.4#

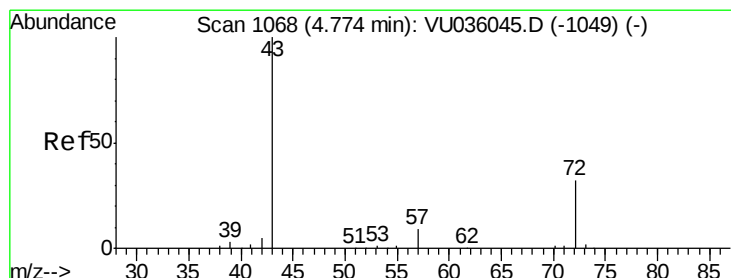
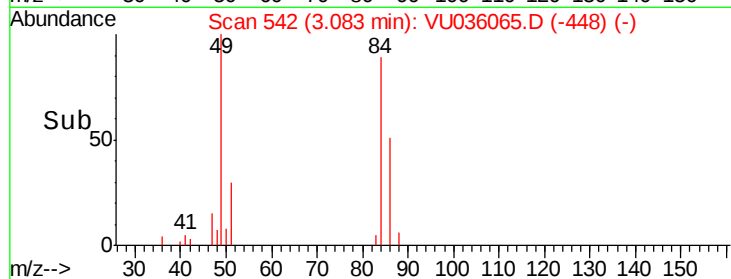
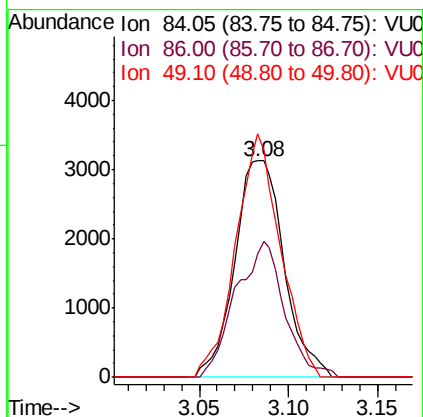
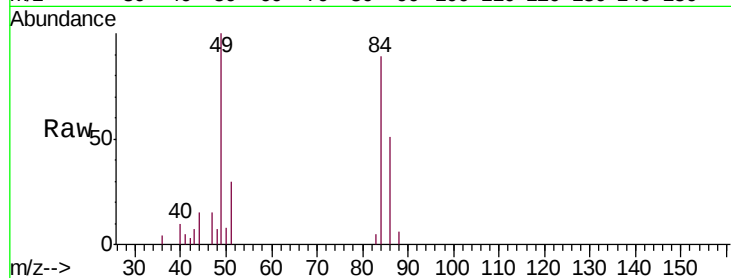




#16
Methylene chloride
Concen: 0.236 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU036065.D
Acq: 09 Dec 2019 22:35

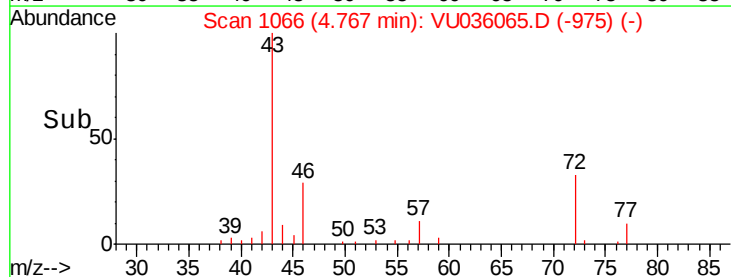
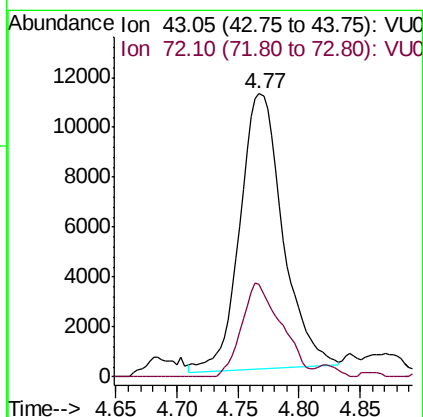
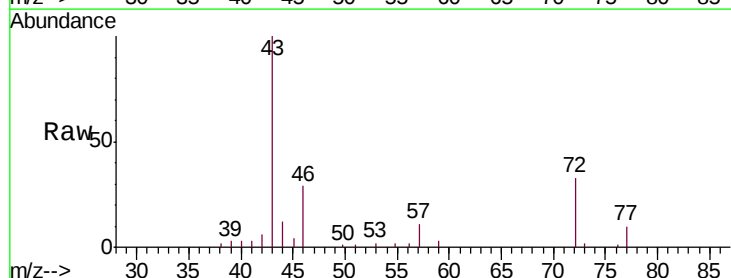
Instrument :
MSVOA_U
ClientSampleId :
BFQX3

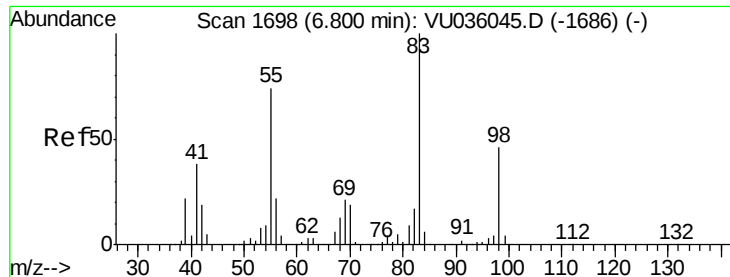
Tgt Ion: 84 Resp: 6038
Ion Ratio Lower Upper
84 100
86 57.0 47.5 88.3
49 112.5 76.9 142.9



#21
2-Butanone
Concen: 5.512 ug/L
RT: 4.77 min Scan# 1066
Delta R.T. -0.01 min
Lab File: VU036065.D
Acq: 09 Dec 2019 22:35

Tgt Ion: 43 Resp: 26889
Ion Ratio Lower Upper
43 100
72 31.6 15.0 45.0

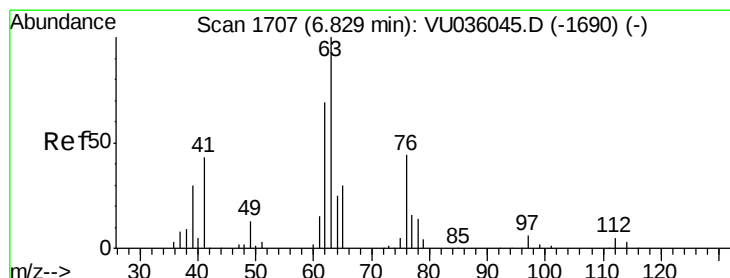
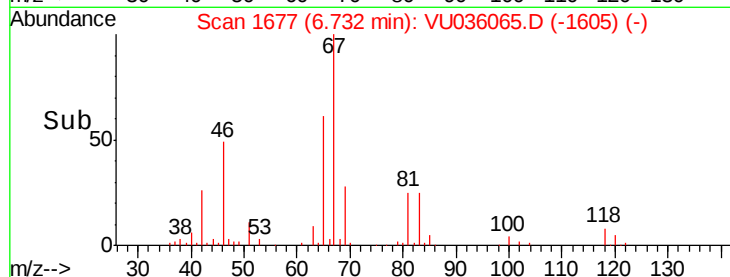
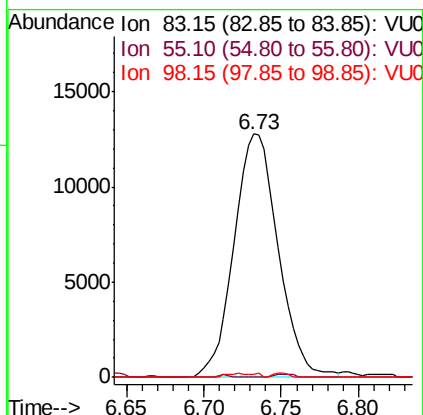
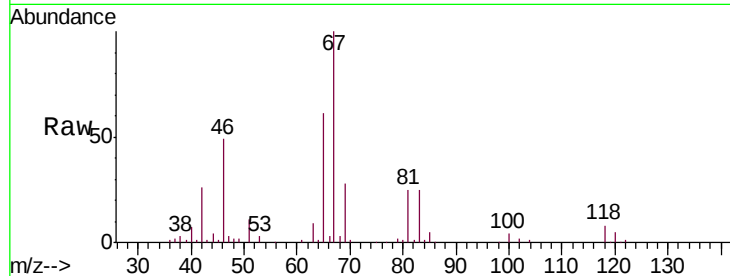




#35
Methylcyclohexane
Concen: 0.967 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036065.D
Acq: 09 Dec 2019 22:35

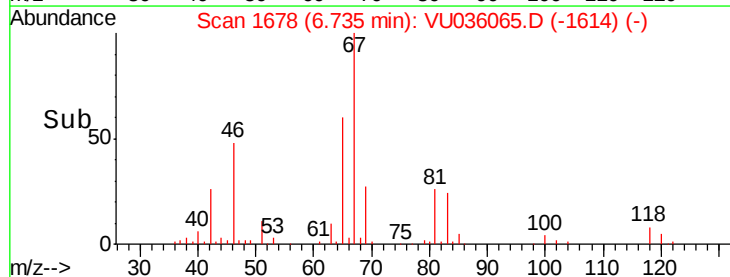
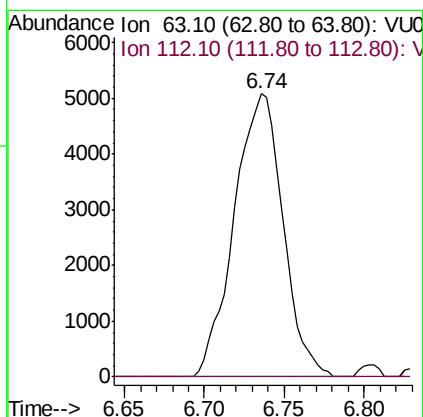
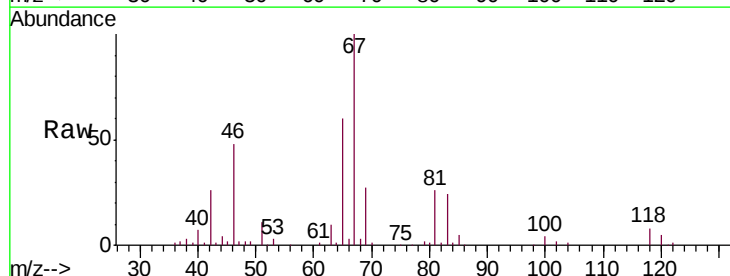
Instrument :
MSVOA_U
ClientSampleId :
BFQX3

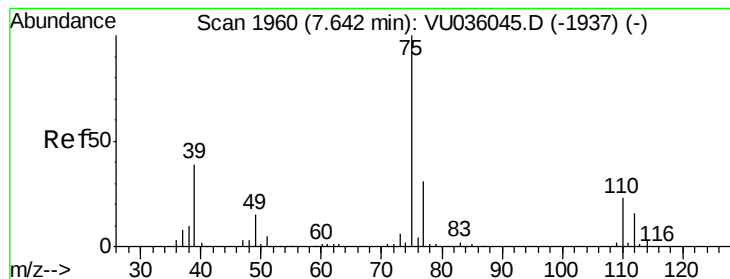
Tgt Ion: 83 Resp: 25313
Ion Ratio Lower Upper
83 100
55 0.3 62.1 93.1#
98 1.1 37.0 55.4#



#37
1,2-Dichloropropane
Concen: 0.575 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.09 min
Lab File: VU036065.D
Acq: 09 Dec 2019 22:35

Tgt Ion: 63 Resp: 10602
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 7.61 min Scan# 1949

Delta R.T. -0.04 min

Lab File: VU036065.D

Acq: 09 Dec 2019 22:35

Instrument :

MSVOA_U

ClientSampleId :

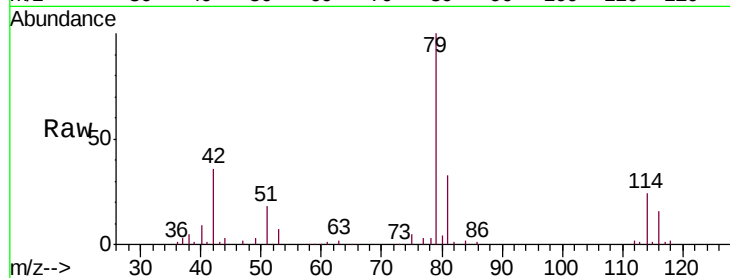
BFQX3

Tgt Ion: 75 Resp: 2514

Ion Ratio Lower Upper

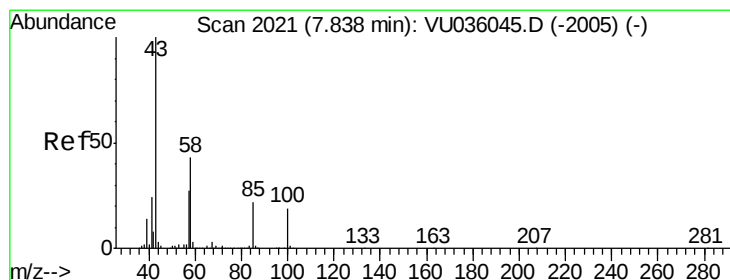
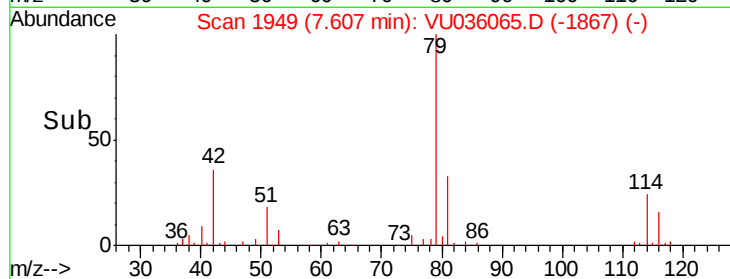
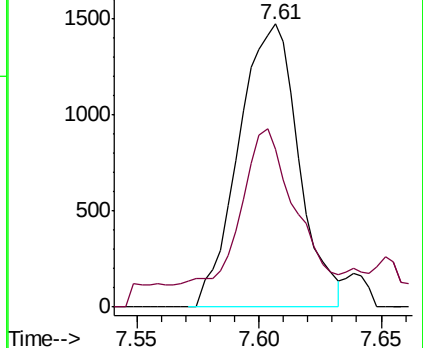
75 100

77 55.8 21.7 40.3#



Abundance Ion 75.05 (74.75 to 75.75): VU036045.D (-1937) (-)

Ion 77.05 (76.75 to 77.75): VU036045.D (-1937) (-)



#40

4-Methyl-2-pentanone

Concen: 2.106 ug/L

RT: 7.84 min Scan# 2021

Delta R.T. -0.00 min

Lab File: VU036065.D

Acq: 09 Dec 2019 22:35

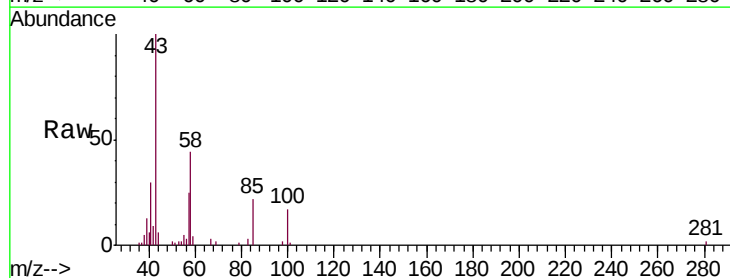
Tgt Ion: 43 Resp: 20275

Ion Ratio Lower Upper

43 100

58 42.0 34.5 51.7

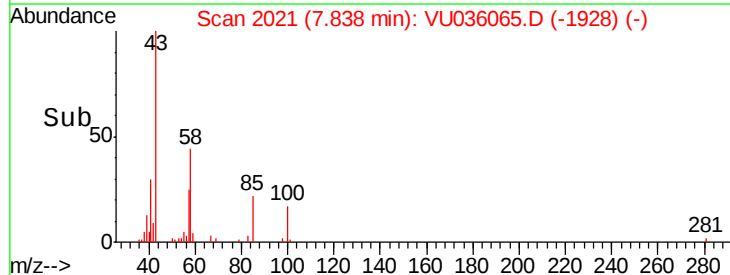
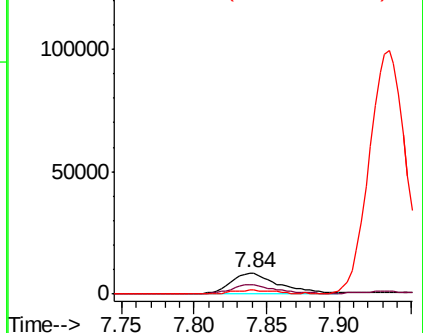
100 0.0 14.3 21.5#

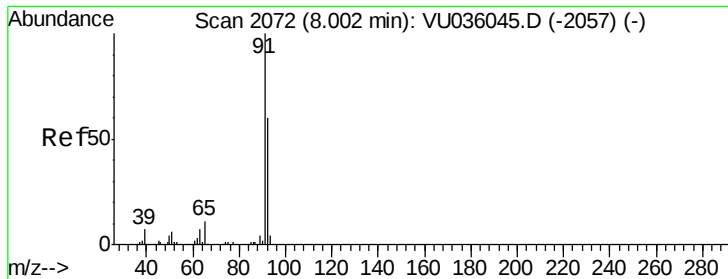


Abundance Ion 43.05 (42.75 to 43.75): VU036045.D (-2005) (-)

Ion 58.05 (57.75 to 58.75): VU036045.D (-2005) (-)

Ion 100.15 (99.85 to 100.85): VU036045.D (-2005) (-)





#42

Toluene

Concen: 0.160 ug/L

RT: 8.00 min Scan# 2072

Delta R.T. -0.00 min

Lab File: VU036065.D

Acq: 09 Dec 2019 22:35

Instrument :

MSVOA_U

ClientSampleId :

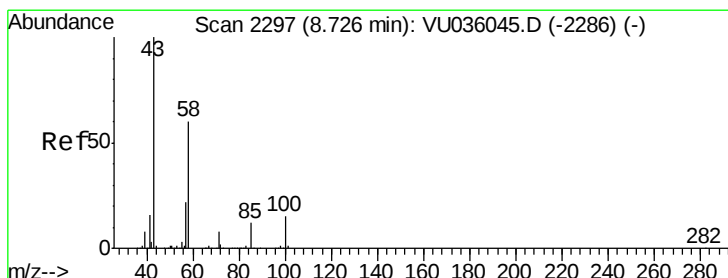
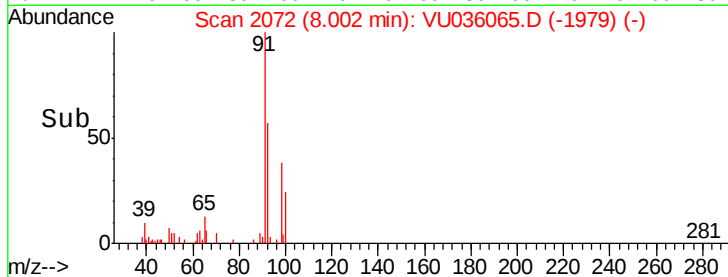
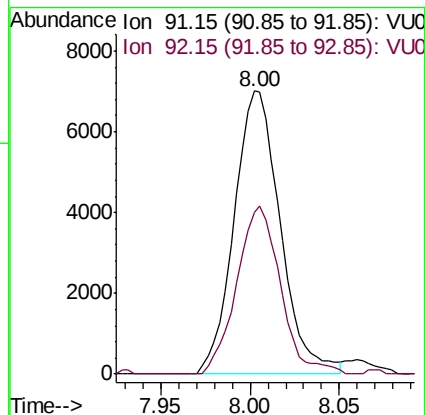
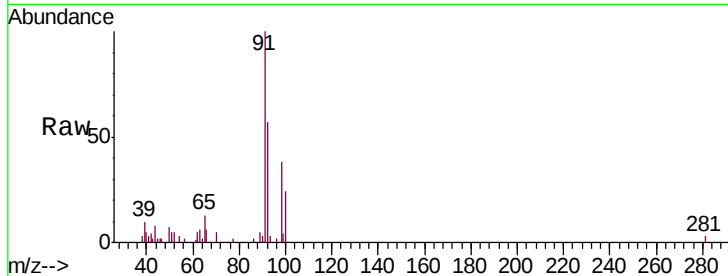
BFQX3

Tgt Ion: 91 Resp: 12642

Ion Ratio Lower Upper

91 100

92 57.3 40.0 74.4



#48

2-Hexanone

Concen: 1.162 ug/L

RT: 8.73 min Scan# 2299

Delta R.T. 0.01 min

Lab File: VU036065.D

Acq: 09 Dec 2019 22:35

Tgt Ion: 43 Resp: 8023

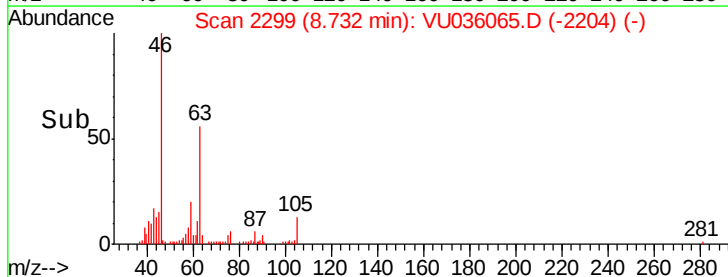
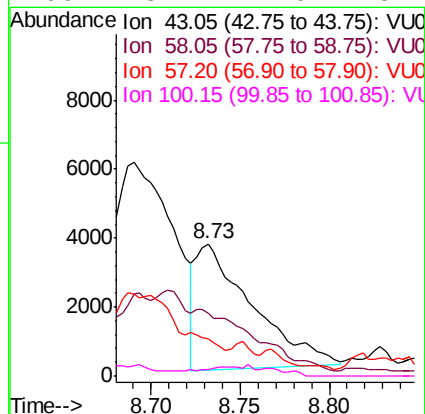
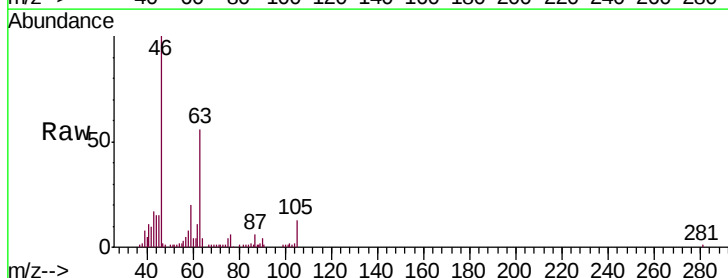
Ion Ratio Lower Upper

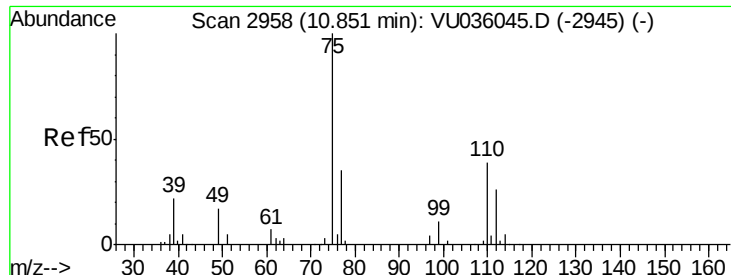
43 100

58 9.3 46.9 70.3#

57 7.4 16.4 24.6#

100 5.2 11.0 16.4#





#59

1,2,3-Trichloropropane

Concen: 0.595 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU036065.D

Acq: 09 Dec 2019 22:35

Instrument :

MSVOA_U

ClientSampleId :

BFQX3

Tgt Ion: 75 Resp: 7841

Ion Ratio Lower Upper

75 100

77 39.8 26.7 40.1

