

Data File : VU036300.D
Acq On : 19 Dec 2019 22:31
Operator : JC/MD
Sample : K6282-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDX3

Quant Time: Dec 20 05:38:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 20 05:33:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.39	114	186132	5.00	ug/L	0.10
28) Chlorobenzene-d5	9.47	117	223323	5.00	ug/L	0.03
60) 1,4-Dichlorobenzene-d4	11.84	152	109459	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.69	65	103597	6.32	ug/L	0.08
Spiked Amount	5.000	Range	40 - 130	Recovery	=	126.40%
7) Chloroethane-d5	2.03	69	91247	6.21	ug/L	0.10
Spiked Amount	5.000	Range	65 - 130	Recovery	=	124.20%
11) 1,1-Dichloroethene-d2	2.70	63	121041	5.12	ug/L	0.10
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.40%
20) 2-Butanone-d5	4.86	46	132789	43.24	ug/L	0.18
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.48%
24) Chloroform-d	5.19	84	164430	6.24	ug/L	0.08
Spiked Amount	5.000	Range	70 - 125	Recovery	=	124.80%
26) 1,2-Dichloroethane-d4	5.85	65	60202	4.35	ug/L	0.11
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
32) Benzene-d6	5.87	84	225774	4.02	ug/L	0.10
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.40%
36) 1,2-Dichloropropane-d6	6.82	67	71092	4.02	ug/L	0.09
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.40%
41) Toluene-d8	7.98	98	177099	3.35	ug/L	0.05
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.00%#
43) trans-1,3-Dichloropropene-	8.25	79	22731	3.12	ug/L	0.04
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.40%
46) 2-Hexanone-d5	8.71	63	79064	28.41	ug/L	0.04
Spiked Amount	50.000	Range	45 - 130	Recovery	=	56.82%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	77209	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	90671	4.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.60%

Target Compounds

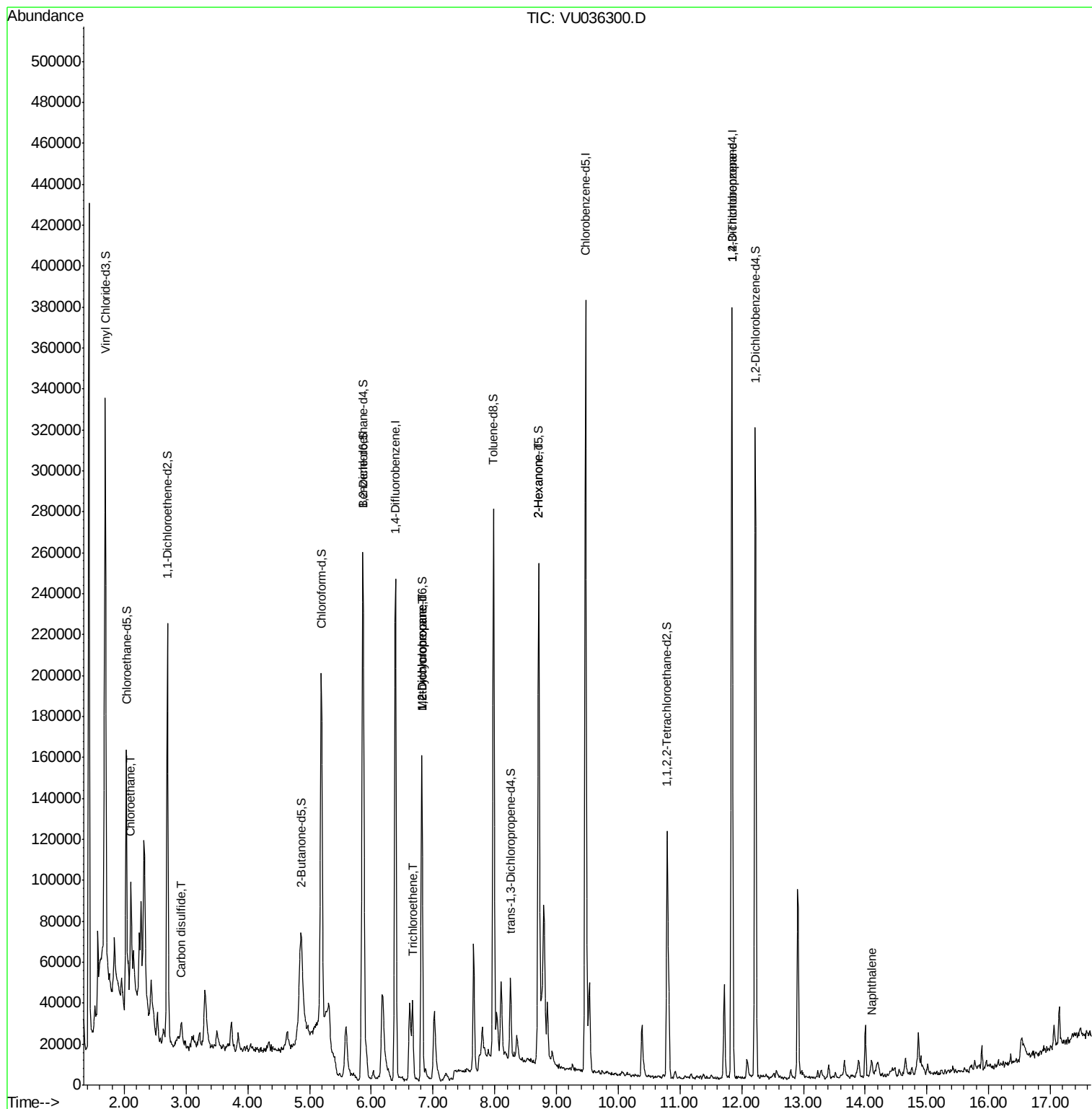
					Qvalue	
8) Chloroethane	2.10	64	33182	2.247	ug/L #	54
14) Carbon disulfide	2.93	76	10905	0.235	ug/L #	83
34) Trichloroethene	6.67	95	10962	0.620	ug/L	91
35) Methylcyclohexane	6.82	83	18113	0.720	ug/L #	19
37) 1,2-Dichloropropane	6.82	63	8144	0.465	ug/L #	87
48) 2-Hexanone	8.71	43	14345	2.099	ug/L #	69
59) 1,2,3-Trichloropropane	11.84	75	13518	1.162	ug/L	97
69) Naphthalene	14.10	128	4575	0.198	ug/L	96

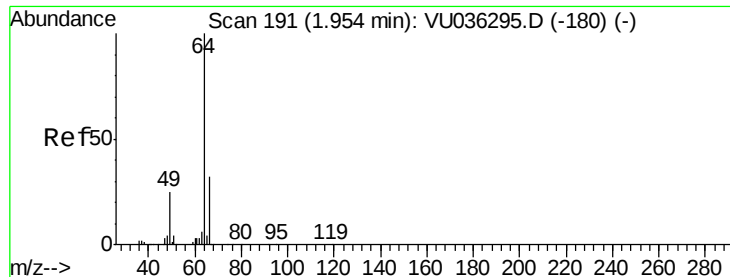
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 2.247 ug/L

RT: 2.10 min Scan# 237

Delta R.T. 0.15 min

Lab File: VU036300.D

Acq: 19 Dec 2019 22:31

Instrument :

MSVOA_U

ClientSampled :

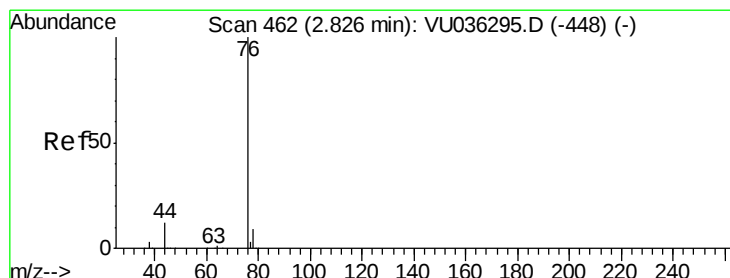
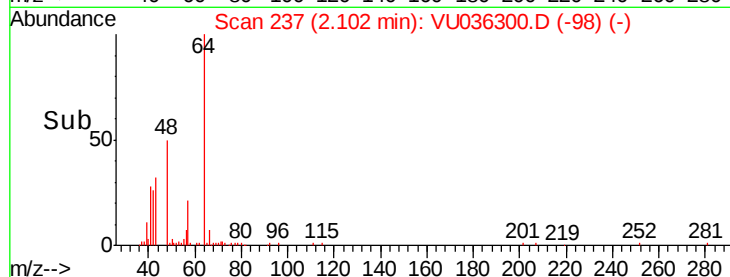
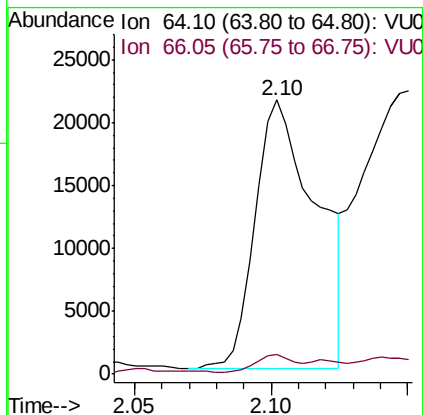
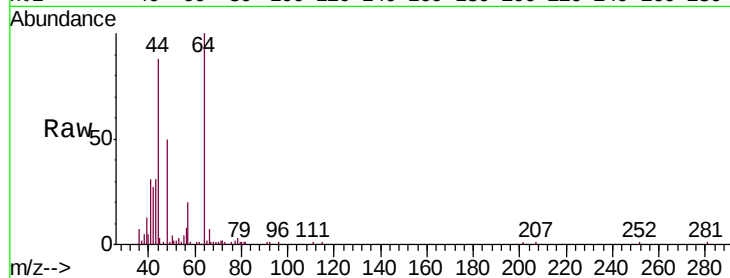
BFDX3

Tgt Ion: 64 Resp: 33182

Ion Ratio Lower Upper

64 100

66 7.0 23.1 42.9#



#14

Carbon disulfide

Concen: 0.235 ug/L

RT: 2.93 min Scan# 493

Delta R.T. 0.10 min

Lab File: VU036300.D

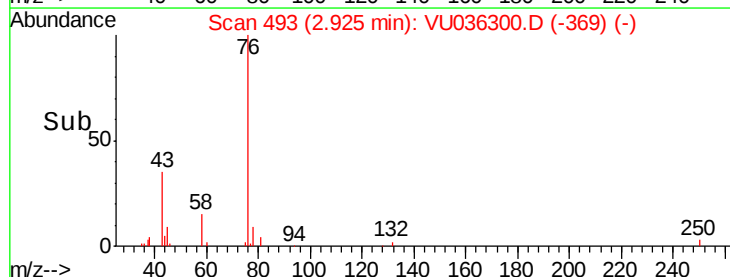
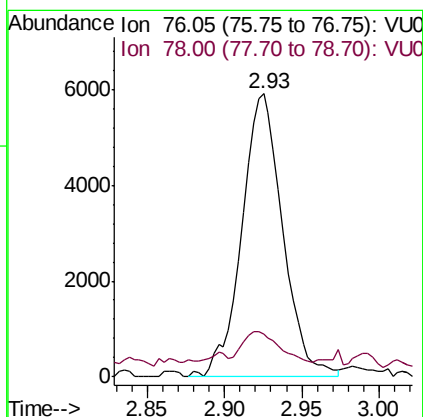
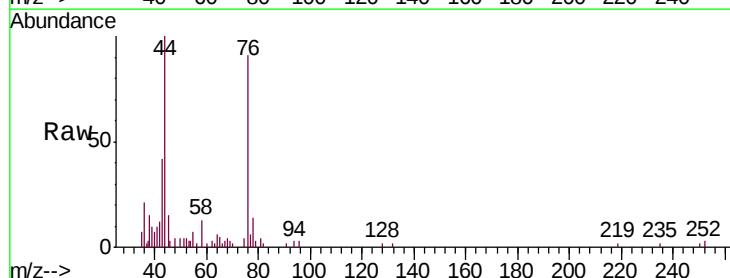
Acq: 19 Dec 2019 22:31

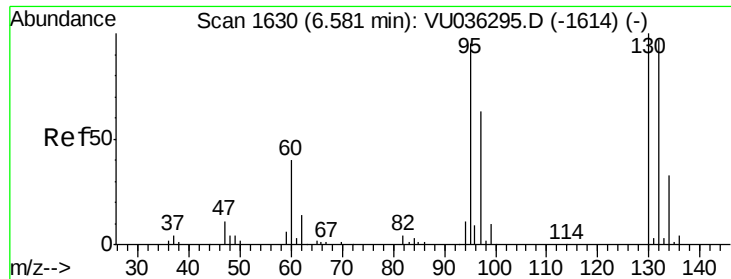
Tgt Ion: 76 Resp: 10905

Ion Ratio Lower Upper

76 100

78 15.0 7.1 10.7#

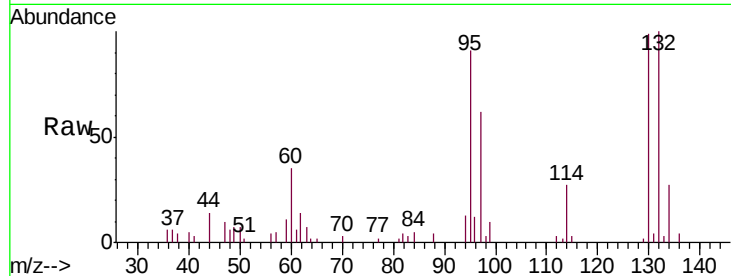




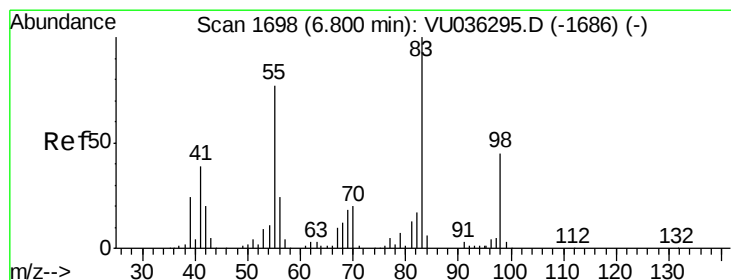
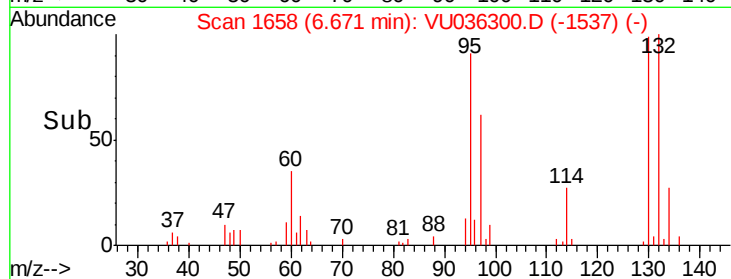
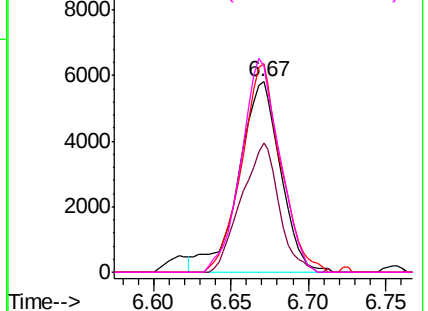
#34
 Trichloroethene
 Concen: 0.620 ug/L
 RT: 6.67 min Scan# 1658
 Delta R.T. 0.09 min
 Lab File: VU036300.D
 Acq: 19 Dec 2019 22:31

Instrument :
 MSVOA_U
 ClientSampleID :
 BFDX3

Tgt Ion: 95 Resp: 10962
 Ion Ratio Lower Upper
 95 100
 97 67.9 43.6 81.0
 132 109.4 69.6 129.2
 130 108.3 70.3 130.7

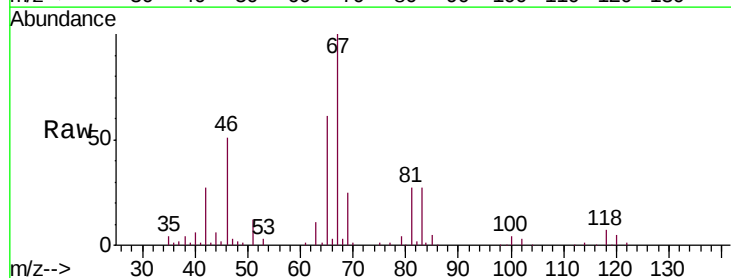


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

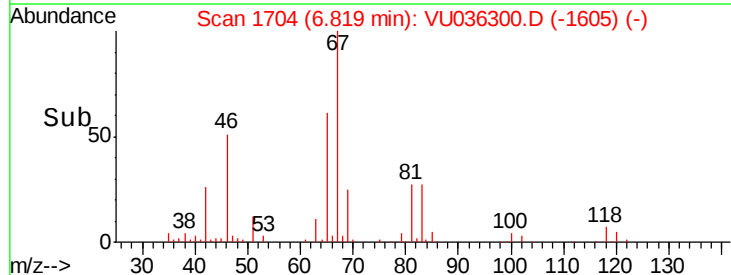
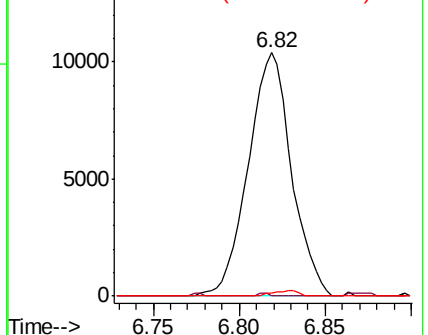


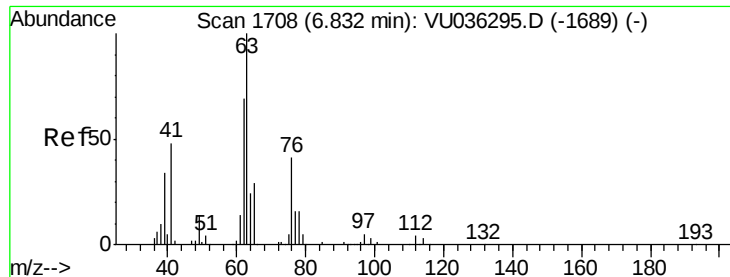
#35
 Methylcyclohexane
 Concen: 0.720 ug/L
 RT: 6.82 min Scan# 1704
 Delta R.T. 0.02 min
 Lab File: VU036300.D
 Acq: 19 Dec 2019 22:31

Tgt Ion: 83 Resp: 18113
 Ion Ratio Lower Upper
 83 100
 55 0.2 62.6 94.0#
 98 1.3 36.2 54.2#



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: 0.465 ug/L

RT: 6.82 min Scan# 1704

Delta R.T. -0.01 min

Lab File: VU036300.D

Acq: 19 Dec 2019 22:31

Instrument :

MSVOA_U

ClientSampleId :

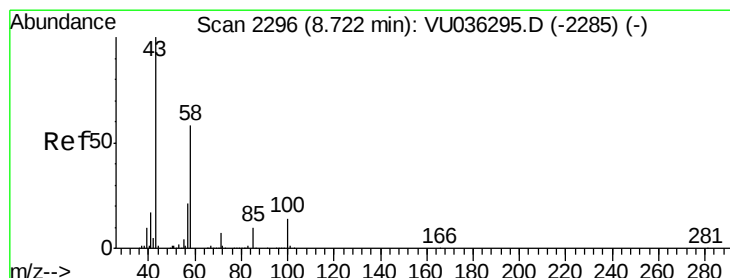
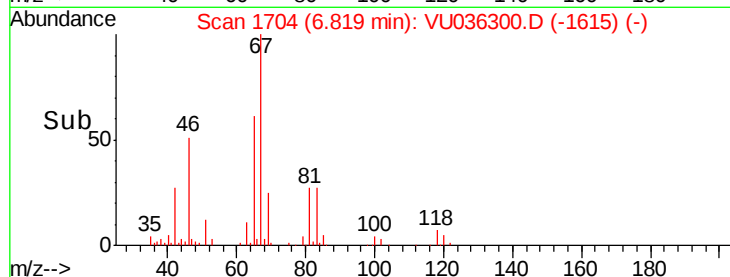
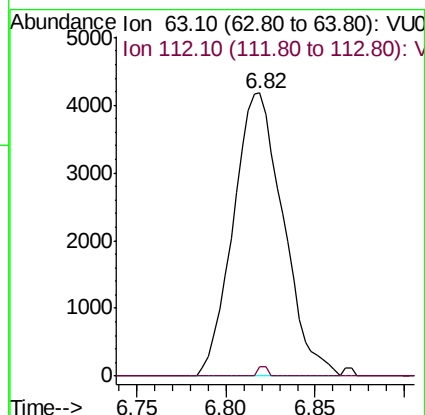
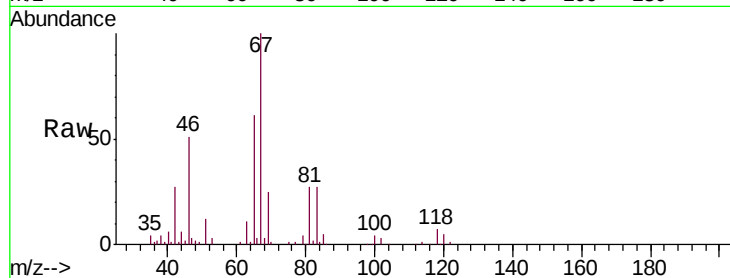
BFDX3

Tgt Ion: 63 Resp: 8144

Ion Ratio Lower Upper

63 100

112 0.6 3.8 5.8#



#48

2-Hexanone

Concen: 2.099 ug/L

RT: 8.71 min Scan# 2293

Delta R.T. -0.01 min

Lab File: VU036300.D

Acq: 19 Dec 2019 22:31

Tgt Ion: 43 Resp: 14345

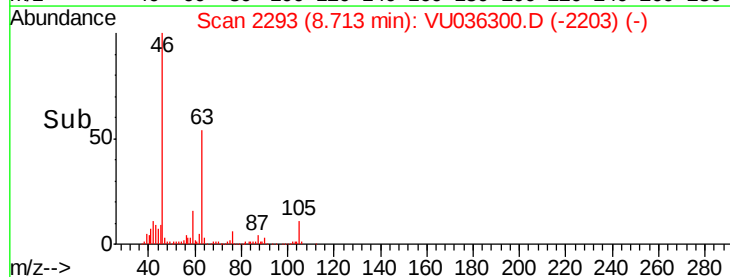
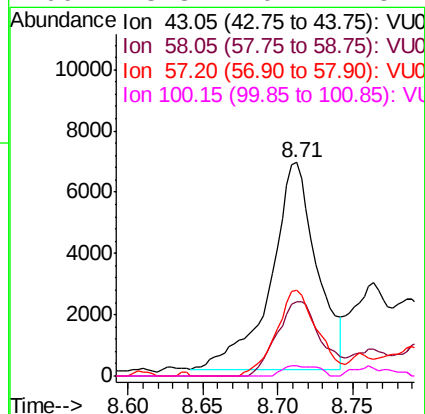
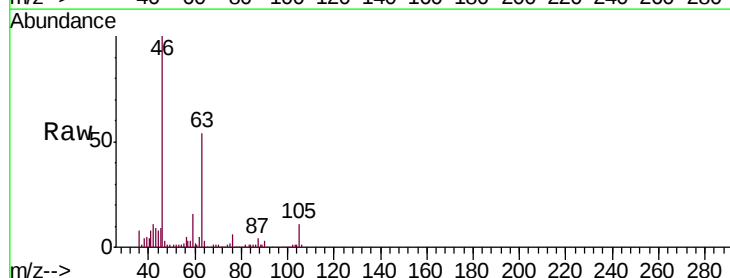
Ion Ratio Lower Upper

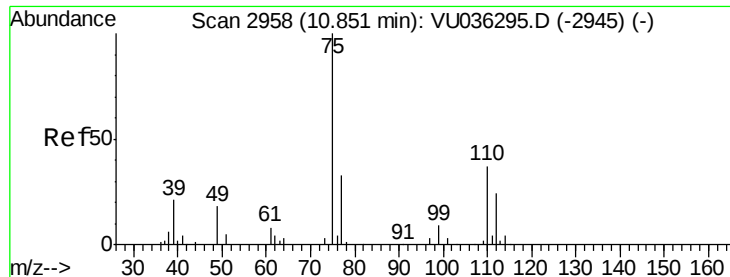
43 100

58 34.9 46.2 69.2#

57 37.5 16.2 24.4#

100 3.8 10.2 15.4#





#59

1,2,3-Trichloropropane

Concen: 1.162 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU036300.D

Acq: 19 Dec 2019 22:31

Instrument :

MSVOA_U

ClientSampleId :

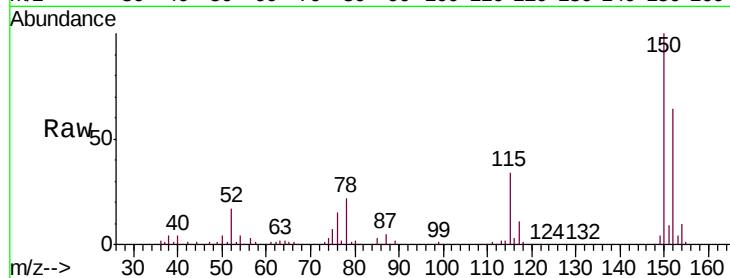
BFDX3

Tgt Ion: 75 Resp: 13518

Ion Ratio Lower Upper

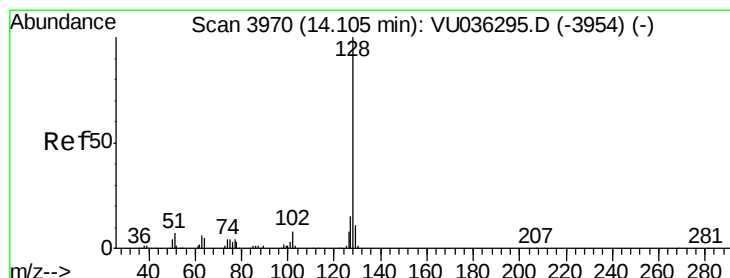
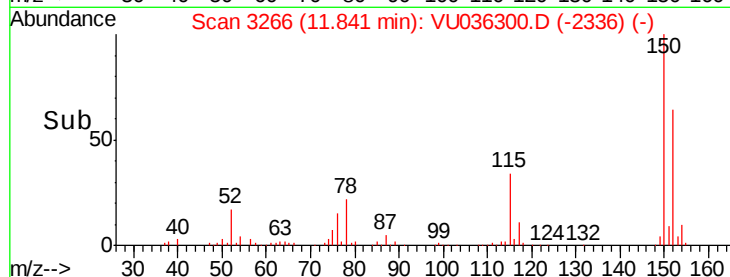
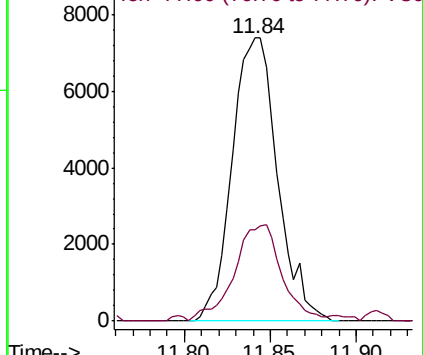
75 100

77 35.8 27.2 40.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#69

Naphthalene

Concen: 0.198 ug/L

RT: 14.10 min Scan# 3970

Delta R.T. -0.00 min

Lab File: VU036300.D

Acq: 19 Dec 2019 22:31

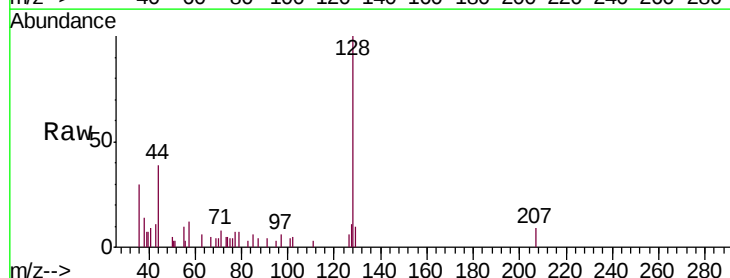
Tgt Ion: 128 Resp: 4575

Ion Ratio Lower Upper

128 100

129 11.0 8.4 12.6

127 11.9 11.5 17.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

