

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091420\
 Data File : VU040112.D
 Acq On : 14 Sep 2020 11:43
 Operator : SY/MD
 Sample : L3945-20
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFZQ2

Quant Time: Sep 14 12:28:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 14 11:41:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	138283	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	139515	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	63403	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	38379	5.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.60%
7) Chloroethane-d5	1.92	69	32064	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.58	63	61837	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	4.66	46	129879	43.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.02%
24) Chloroform-d	5.08	84	75222	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
26) 1,2-Dichloroethane-d4	5.72	65	46827	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
32) Benzene-d6	5.74	84	142017	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	6.70	67	43886	4.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.80%
41) Toluene-d8	7.90	98	118420	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	8.19	79	19276	3.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.20%
46) 2-Hexanone-d5	8.64	63	95041	40.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.36%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	38493	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	46322	4.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.20%

Target Compounds

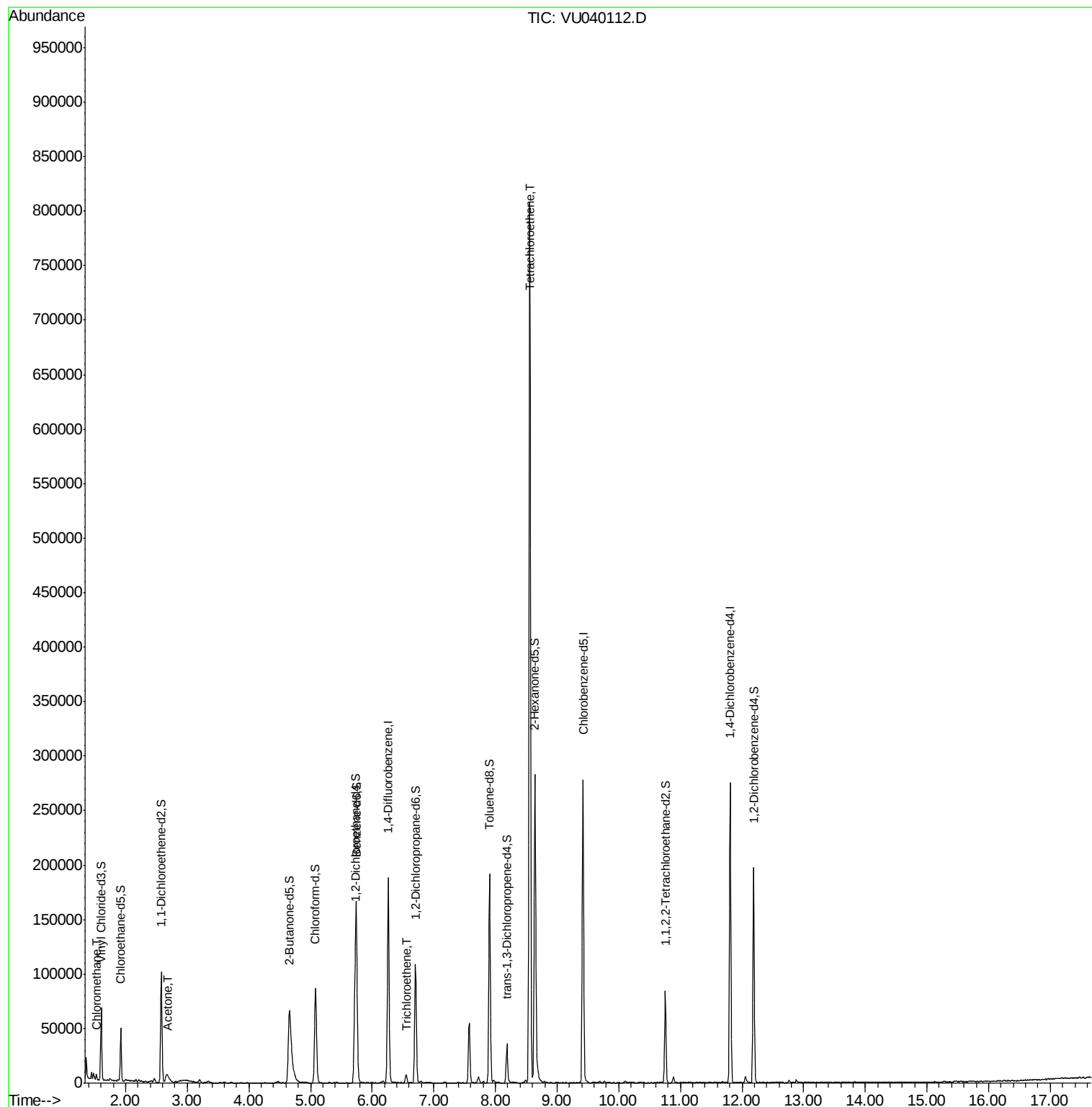
					Ovalue
3) Chloromethane	1.53	50	3543	0.270 ug/L	89
13) Acetone	2.68	43	18535	6.630 ug/L	74
34) Trichloroethene	6.55	95	2190	0.164 ug/L	92
47) Tetrachloroethene	8.56	164	151298	17.204 ug/L	94

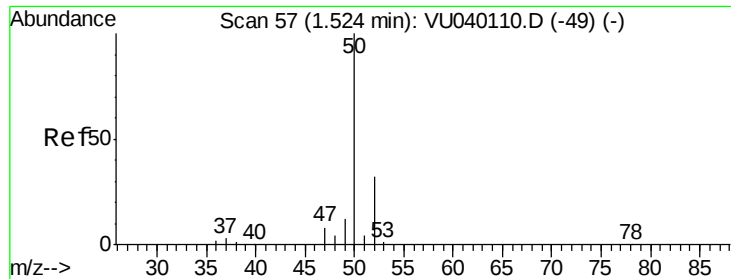
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.270 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040112.D

Acq: 14 Sep 2020 11:43

Instrument :

MSVOA_U

ClientSampleId :

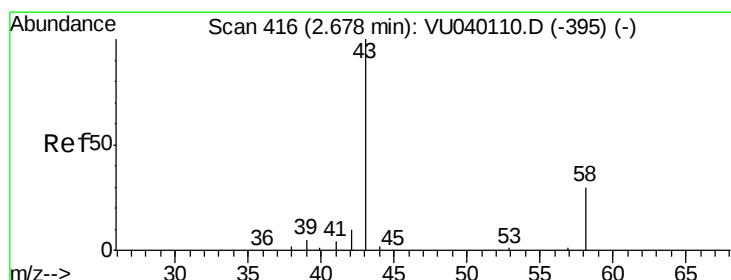
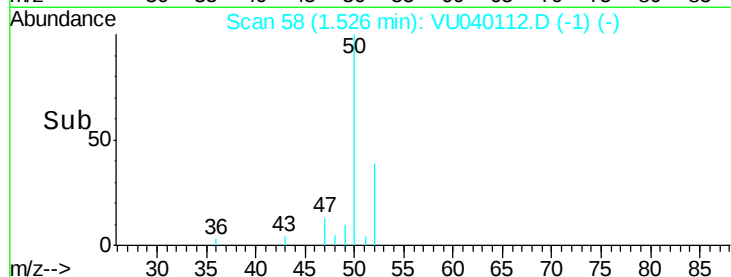
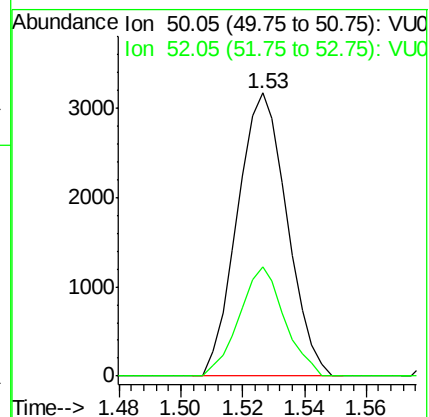
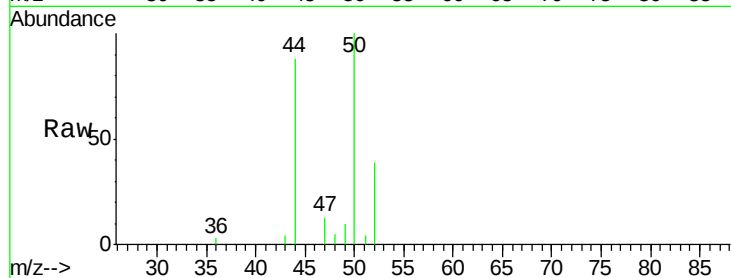
BFZQ2

Tot Ion: 50 Resp: 3543

Ion Ratio Lower Upper

50 100

52 38.8 22.8 42.4



#13

Acetone

Concen: 6.630 ug/L

RT: 2.68 min Scan# 416

Delta R.T. -0.00 min

Lab File: VU040112.D

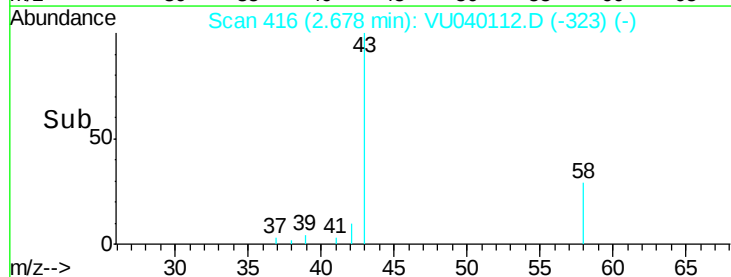
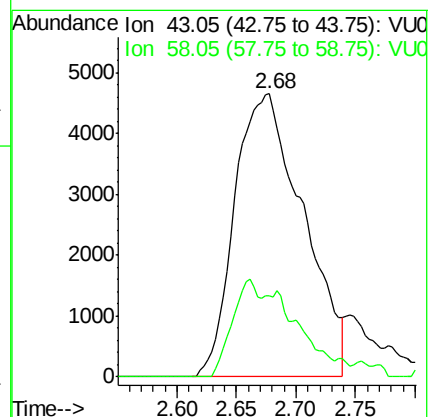
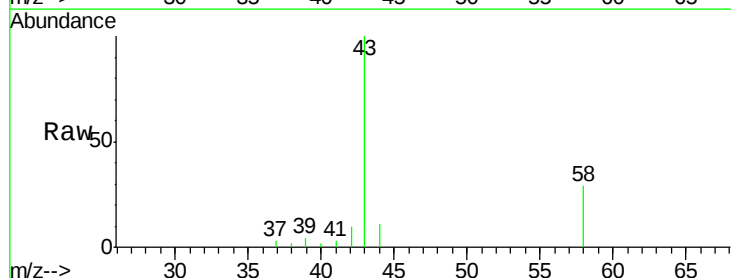
Acq: 14 Sep 2020 11:43

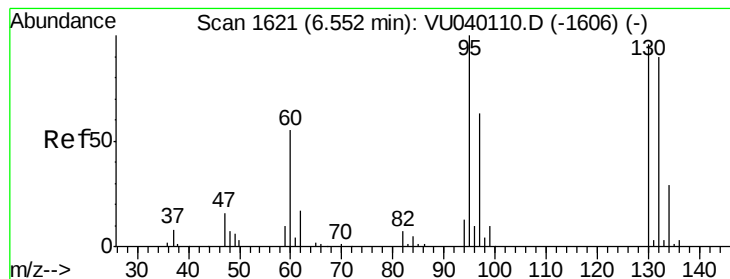
Tgt Ion: 43 Resp: 18535

Ion Ratio Lower Upper

43 100

58 13.9 0.0 55.4





#34

Trichloroethene

Concen: 0.164 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VU040112.D

Acq: 14 Sep 2020 11:43

Instrument :

MSVOA_U

ClientSampleId :

BFZQ2

Tot Ion: 95 Resp: 2190

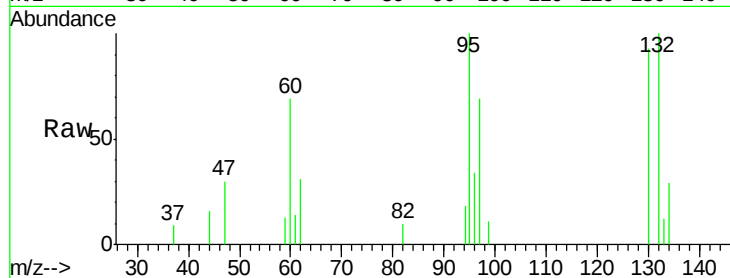
Ion Ratio Lower Upper

95 100

97 68.7 43.3 80.5

132 100.0 59.4 110.4

130 93.2 64.8 120.4



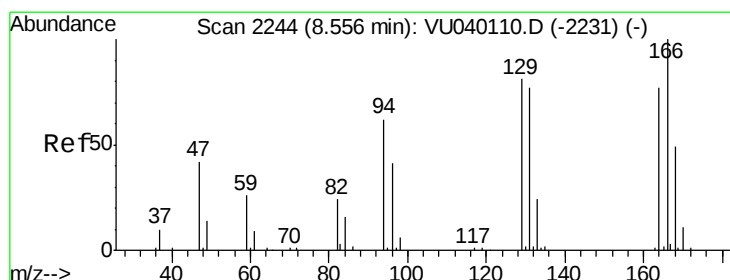
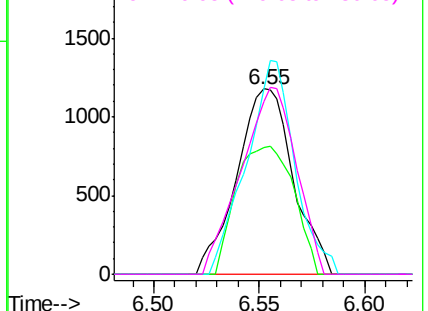
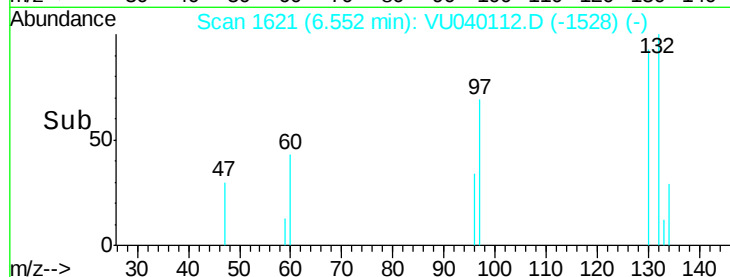
Abundance

Ion 95.00 (94.70 to 95.70): VU040112.D (-1528) (-)

Ion 96.95 (96.65 to 97.65): VU040112.D (-1528) (-)

Ion 131.95 (131.65 to 132.65): VU040112.D (-1528) (-)

Ion 129.95 (129.65 to 130.65): VU040112.D (-1528) (-)



#47

Tetrachloroethene

Concen: 17.204 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU040112.D

Acq: 14 Sep 2020 11:43

Tgt Ion: 164 Resp: 151298

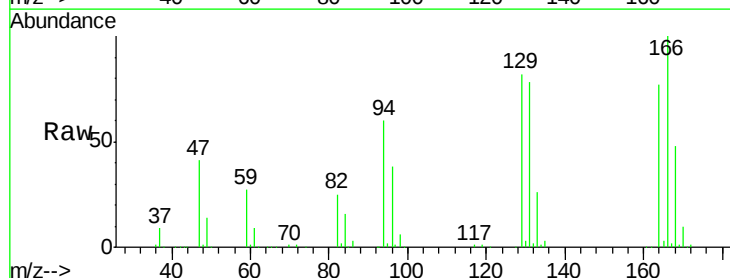
Ion Ratio Lower Upper

164 100

129 107.2 71.5 132.7

131 101.4 65.9 122.5

166 130.1 87.3 162.1



Abundance

Ion 163.90 (163.60 to 164.60): VU040112.D (-2151) (-)

Ion 128.95 (128.65 to 129.65): VU040112.D (-2151) (-)

Ion 130.95 (130.65 to 131.65): VU040112.D (-2151) (-)

Ion 165.90 (165.60 to 166.60): VU040112.D (-2151) (-)

