

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110220\
 Data File : VU041049.D
 Acq On : 02 Nov 2020 14:37
 Operator : SY/MD
 Sample : L4550-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSF4

Quant Time: Nov 03 01:18:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 03 00:40:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	49001	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	51161	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	22241	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	20502	4.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.60%
7) Chloroethane-d5	1.92	69	15652	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.00%
11) 1,1-Dichloroethene-d2	2.58	63	30182	3.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.80%
20) 2-Butanone-d5	4.65	46	83989	61.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.92%
24) Chloroform-d	5.08	84	36339	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.72	65	24715	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.60%
32) Benzene-d6	5.74	84	69738	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.70	67	23498	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.91	98	58016	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	8.19	79	9879	5.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.40%
46) 2-Hexanone-d5	8.64	63	59861	57.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.16%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	22846	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	22220	5.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.80%

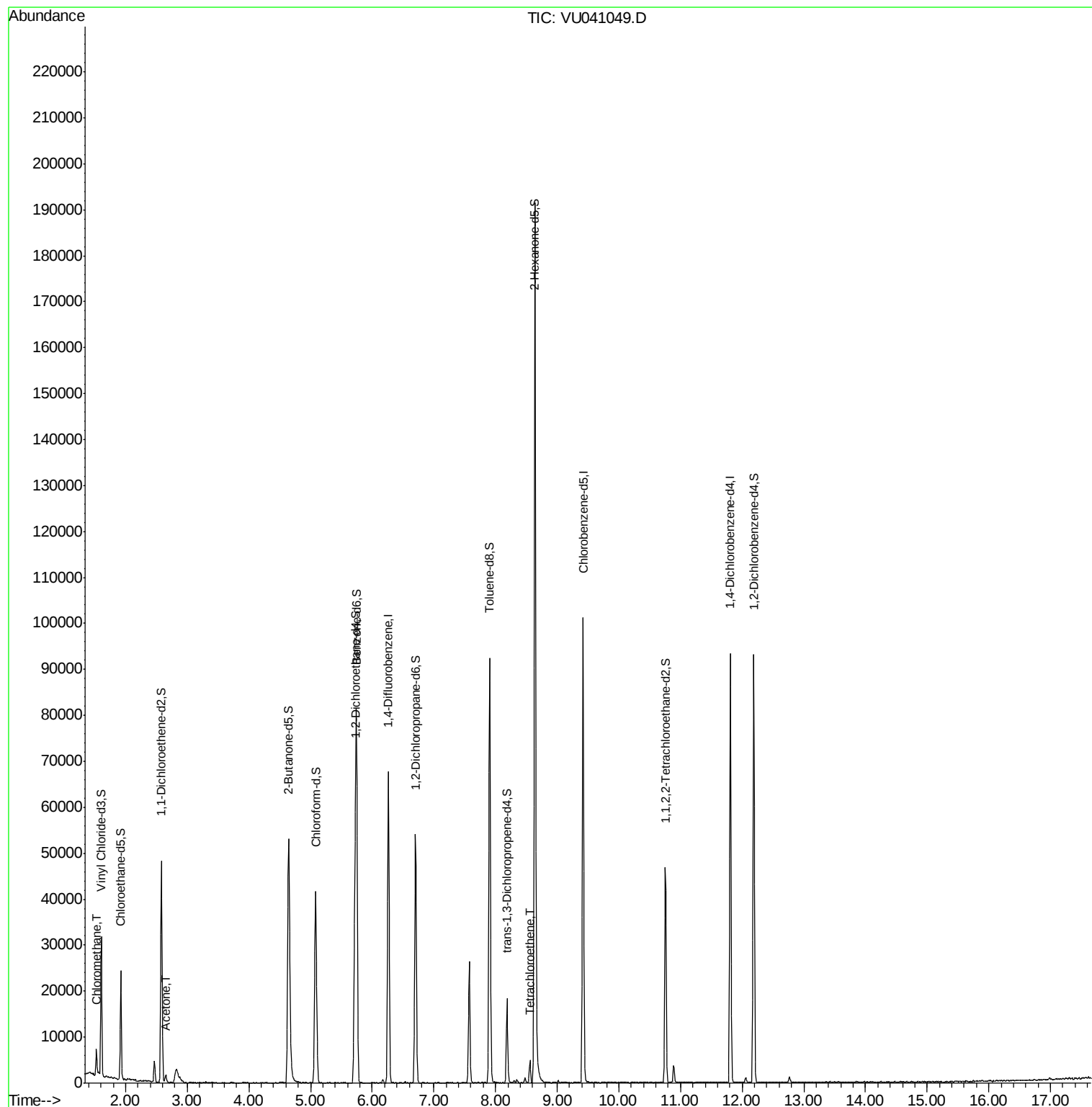
Target Compounds					Ovalue
3) Chloromethane	1.53	50	3721	0.798 ug/L	97
13) Acetone	2.65	43	2322	2.505 ug/L #	67
47) Tetrachloroethene	8.56	164	939	0.328 ug/L	85

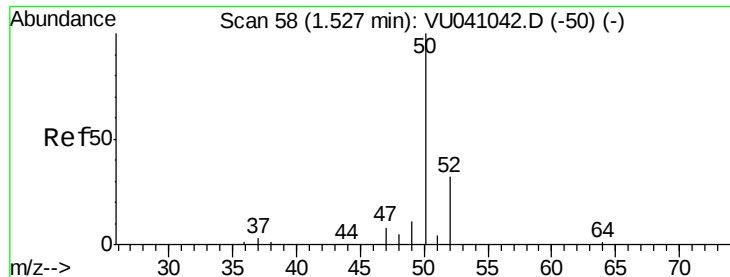
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.798 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU041049.D

Acq: 02 Nov 2020 14:37

Instrument :

MSVOA_U

ClientSampled :

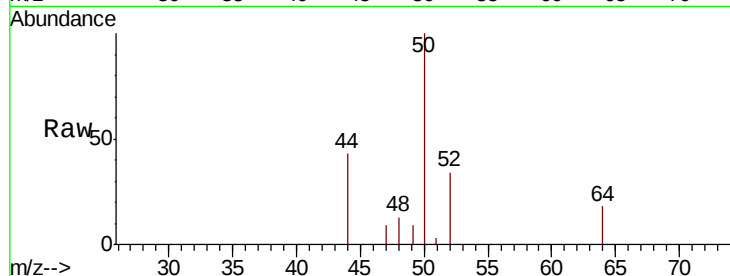
BFSF4

Tot Ion: 50 Resp: 3721

Ion Ratio Lower Upper

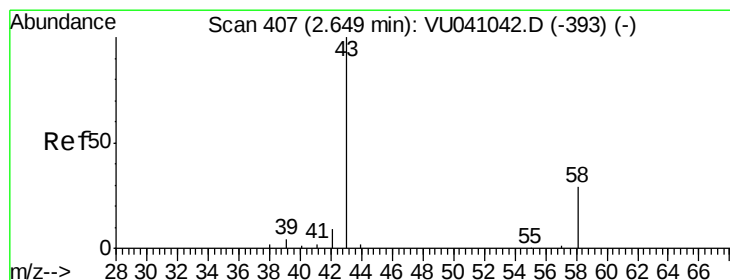
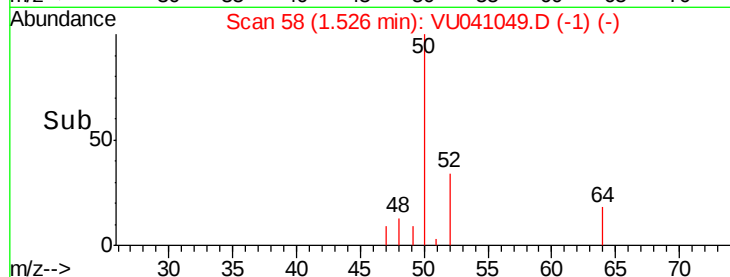
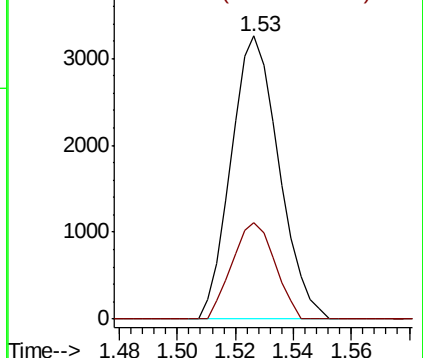
50 100

52 33.9 22.4 41.6



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#13

Acetone

Concen: 2.505 ug/L

RT: 2.65 min Scan# 408

Delta R.T. 0.00 min

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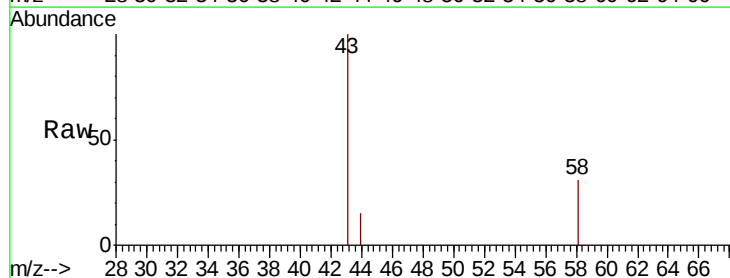
Acq: 02 Nov 2020 14:37

Tgt Ion: 43 Resp: 2322

Ion Ratio Lower Upper

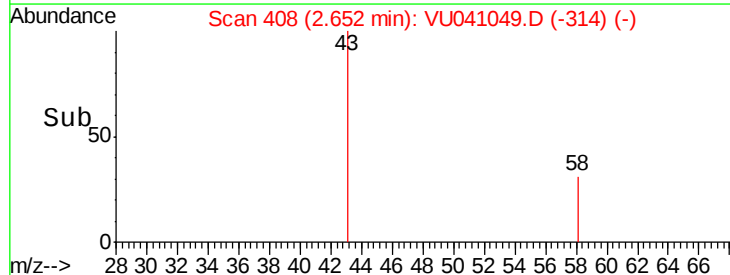
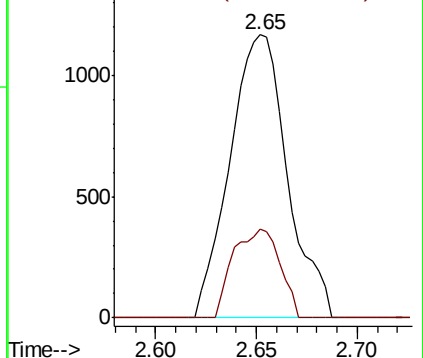
43 100

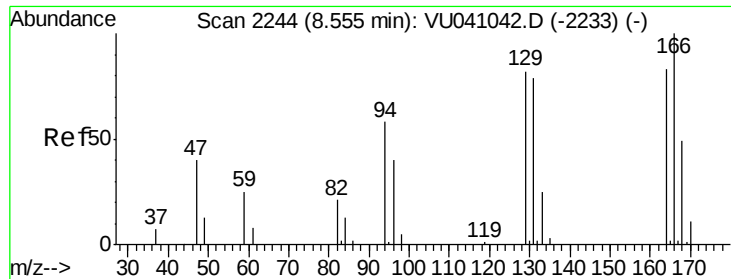
58 25.7 0.0 25.4#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#47

Tetrachloroethene

Concen: 0.328 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

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Tot Ion:164 Resp: 939

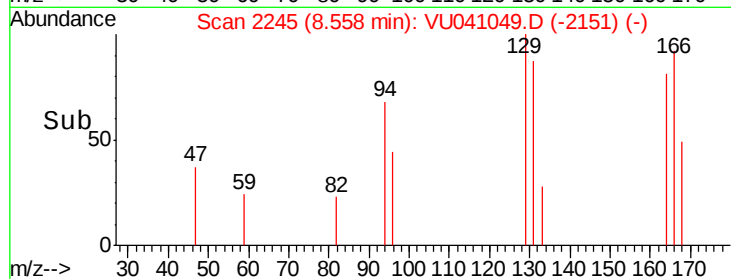
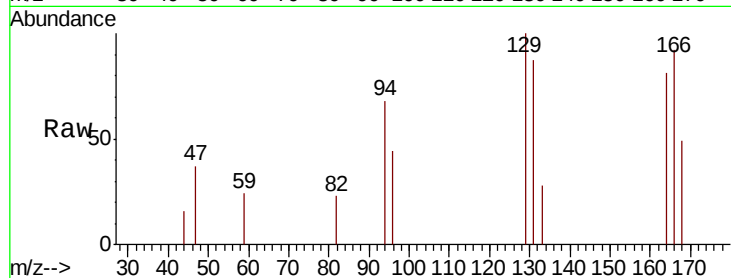
Ion Ratio Lower Upper

164 100

129 123.0 70.3 130.7

131 107.4 70.8 131.4

166 113.4 92.0 170.8



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

