

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU102120\
 Data File : VU040880.D
 Acq On : 21 Oct 2020 17:54
 Operator : SY/MD
 Sample : L4420-13RE
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK6RE

Quant Time: Oct 26 16:39:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 22 00:42:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	223314	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	231350	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	100535	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	72859	4.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.20%
7) Chloroethane-d5	1.92	69	68423	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	2.58	63	115366	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	4.65	46	339898	62.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.06%
24) Chloroform-d	5.08	84	164303	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.72	65	105824	5.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.40%
32) Benzene-d6	5.75	84	292515	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.70	67	102258	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.91	98	227139	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	8.19	79	40218	4.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.60%
46) 2-Hexanone-d5	8.64	63	261312	63.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	126.14%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	98055	5.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	96177	5.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.80%

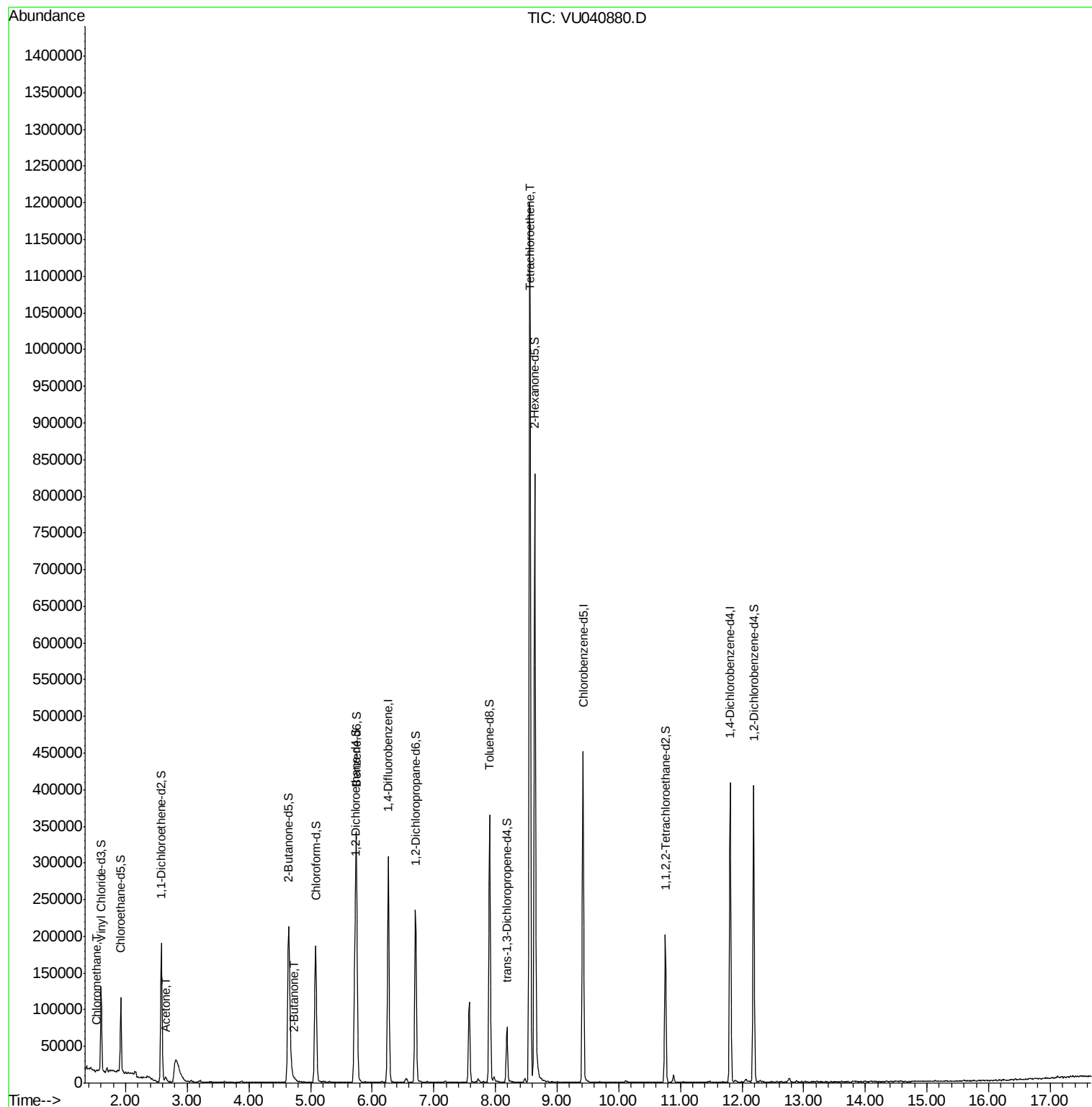
Target Compounds					Ovalue
3) Chloromethane	1.53	50	2292	0.093 ug/L #	79
13) Acetone	2.65	43	9233	2.417 ug/L	95
21) 2-Butanone	4.74	43	5945	1.032 ug/L	88
47) Tetrachloroethene	8.56	164	245878	17.454 ug/L	98

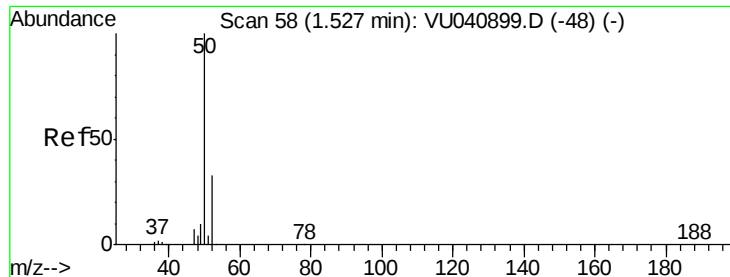
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.093 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU040880.D

Acq: 21 Oct 2020 17:54

Instrument :

MSVOA_U

ClientSampleId :

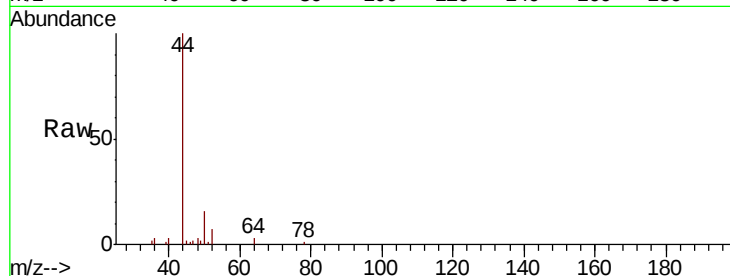
C0AK6RE

Tot Ion: 50 Resp: 2292

Ion Ratio Lower Upper

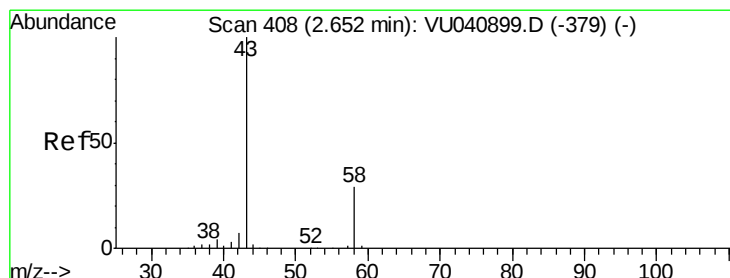
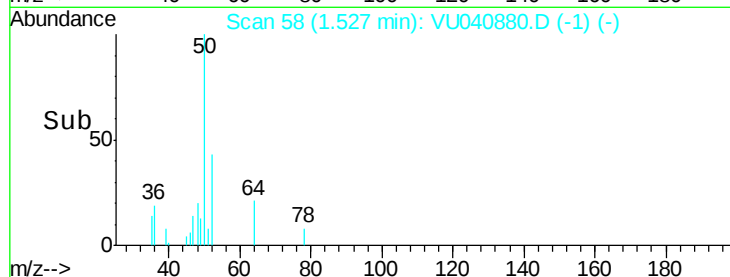
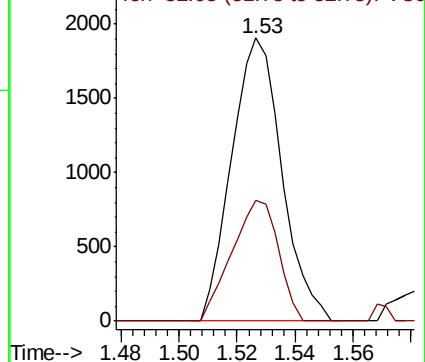
50 100

52 42.5 21.8 40.6#



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#13

Acetone

Concen: 2.417 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.00 min

Lab File: VU040880.D

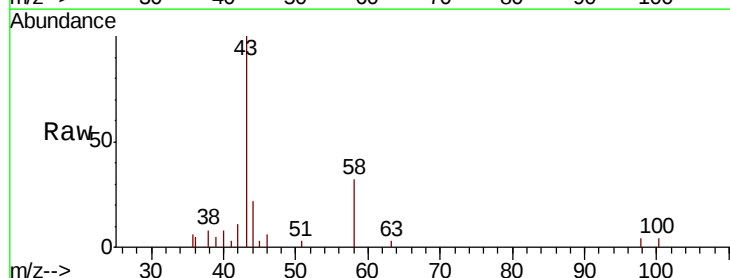
Acq: 21 Oct 2020 17:54

Tgt Ion: 43 Resp: 9233

Ion Ratio Lower Upper

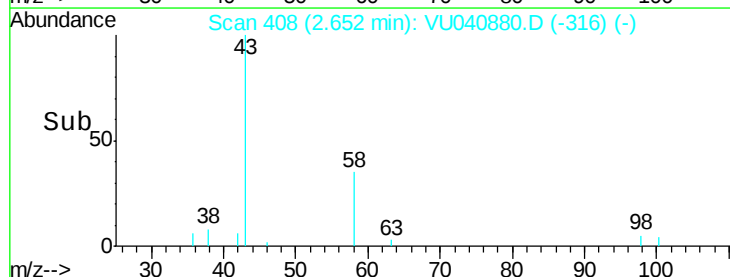
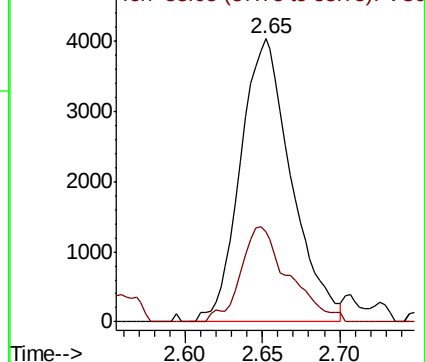
43 100

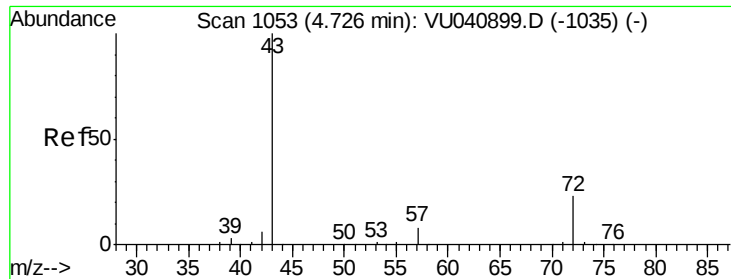
58 31.8 0.0 58.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#21

2-Butanone

Concen: 1.032 ug/L

RT: 4.74 min Scan# 1056

Delta R.T. 0.01 min

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ClientSampleId :

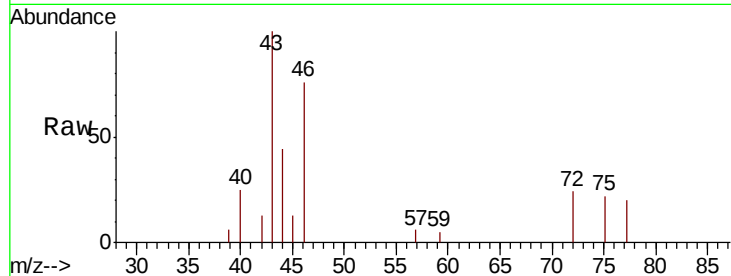
C0AK6RE

Tot Ion: 43 Resp: 5945

Ion Ratio Lower Upper

43 100

72 18.5 12.2 36.4



Abundance Ion 43.05 (42.75 to 43.75): VU040899.D (-1035) (-)

Ion 72.10 (71.80 to 72.80): VU040899.D (-1035) (-)

4.74

2000

1500

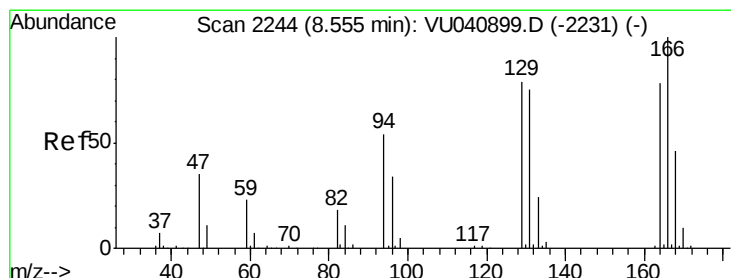
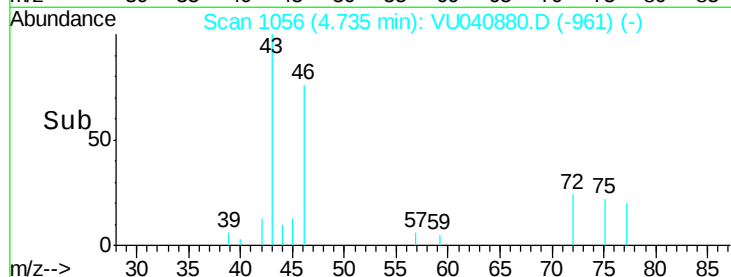
1000

500

0

4.65 4.70 4.75 4.80

Time-->



#47

Tetrachloroethene

Concen: 17.454 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VU040880.D

Acq: 21 Oct 2020 17:54

Tgt Ion: 164 Resp: 245878

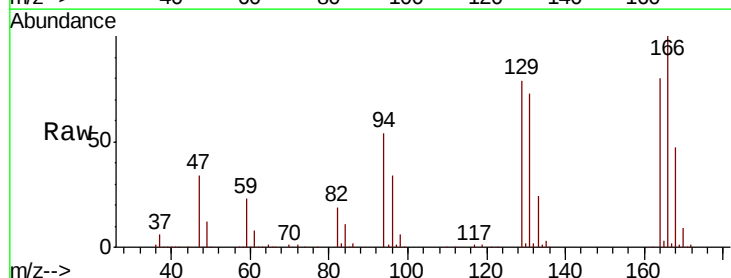
Ion Ratio Lower Upper

164 100

129 99.0 69.7 129.4

131 92.3 65.4 121.4

166 125.6 90.0 167.2



Abundance Ion 163.90 (163.60 to 164.60): VU040899.D (-2231) (-)

Ion 128.95 (128.65 to 129.65): VU040899.D (-2231) (-)

Ion 130.95 (130.65 to 131.65): VU040899.D (-2231) (-)

Ion 165.90 (165.60 to 166.60): VU040899.D (-2231) (-)

8.56

250000

200000

150000

100000

50000

0

8.50 8.55 8.60 8.65

Time-->

