

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101620\
 Data File : VU040766.D
 Acq On : 16 Oct 2020 22:52
 Operator : SY/MD
 Sample : L4423-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSG4

Manual Integrations
 APPROVED

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 10/19/2020 4:54:16 PM

Quant Time: Oct 19 02:39:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 19 01:19:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	116481	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	122602	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	48009	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	35239	3.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.00%
7) Chloroethane-d5	1.92	69	35347	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.58	63	58901	3.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.40%
20) 2-Butanone-d5	4.67	46	167132	54.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.22%
24) Chloroform-d	5.08	84	85984	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
26) 1,2-Dichloroethane-d4	5.72	65	54105	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.75	84	149905	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.70	67	55250	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.91	98	112452	3.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.00%
43) trans-1,3-Dichloropropene-	8.19	79	20539	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.64	63	112657	47.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.02%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48483	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	47658	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds					Ovalue
3) Chloromethane	1.53	50	3661	0.371 ug/L	88
13) Acetone	2.67	43	8392m	3.505 ug/L	
47) Tetrachloroethene	8.56	164	21815	2.995 ug/L	98

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

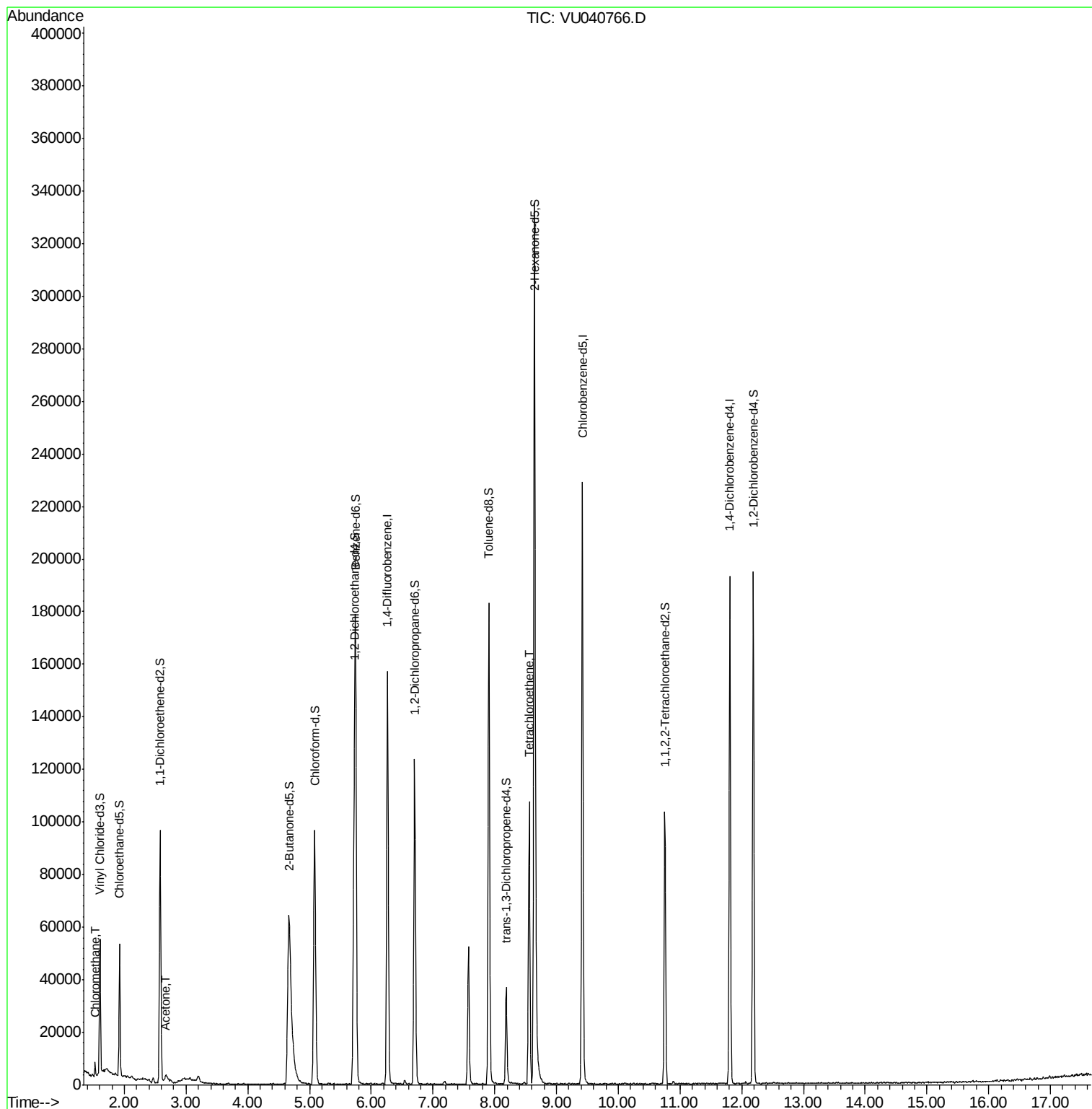
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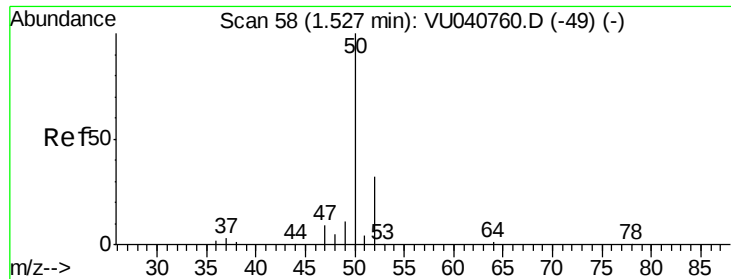
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#3

Chloromethane

Concen: 0.371 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040766.D

Acq: 16 Oct 2020 22:52

Instrument :

MSVOA_U

ClientSampleId :

BFSG4

Tot Ion: 50 Resp: 3661

Ion Ratio Lower Upper

50 100

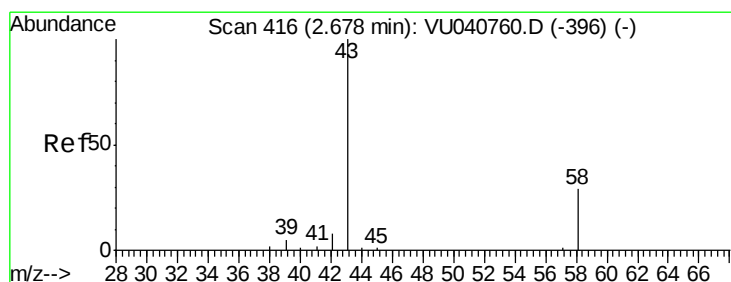
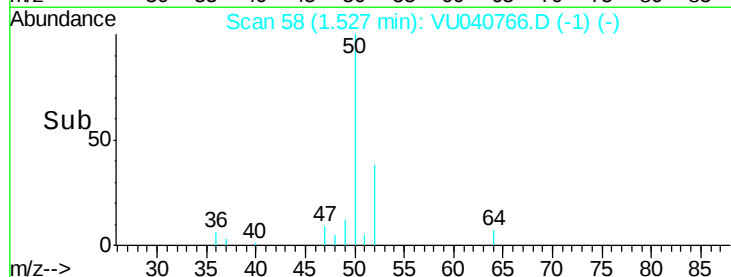
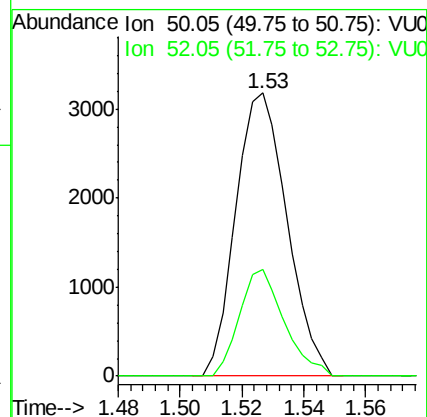
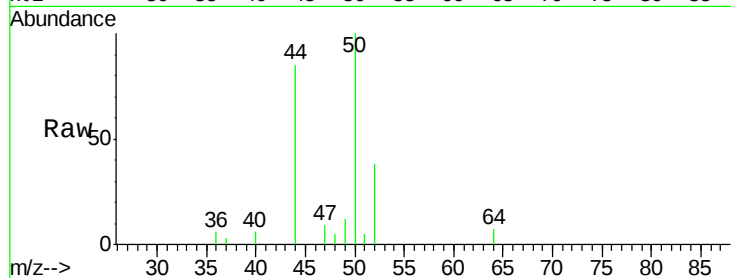
52 37.7 21.9 40.7

Manual Integrations

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#13

Acetone

Concen: 3.505 ug/L m

RT: 2.67 min Scan# 415

Delta R.T. 0.00 min

Lab File: VU040766.D

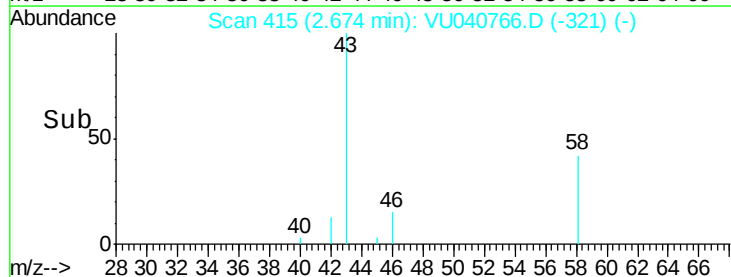
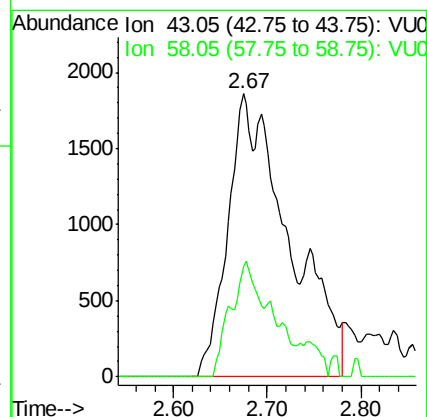
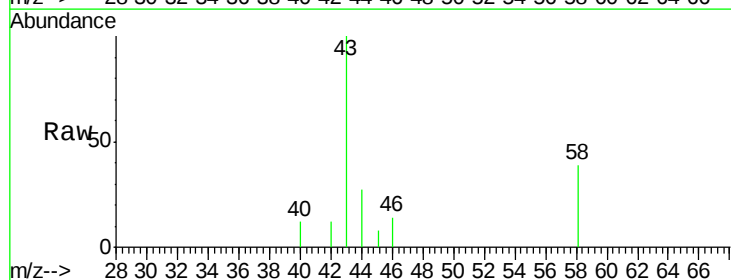
Acq: 16 Oct 2020 22:52

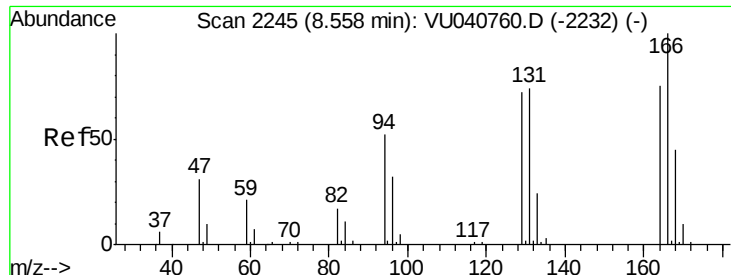
Tgt Ion: 43 Resp: 8392

Ion Ratio Lower Upper

43 100

58 19.1 0.0 60.6





#47

Tetrachloroethene

Concen: 2.995 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU040766.D

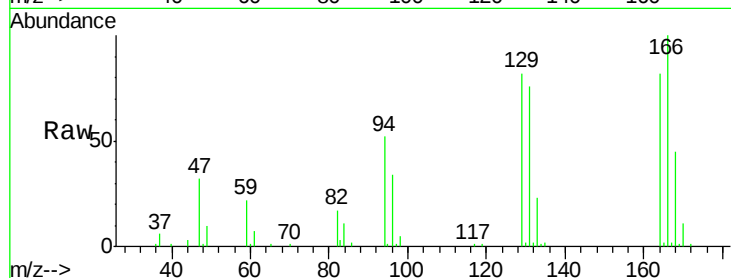
Acq: 16 Oct 2020 22:52

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Tot Ion:164 Resp: 21815

Ion Ratio Lower Upper

164 100

129 99.2 68.8 127.8

131 91.9 66.7 123.9

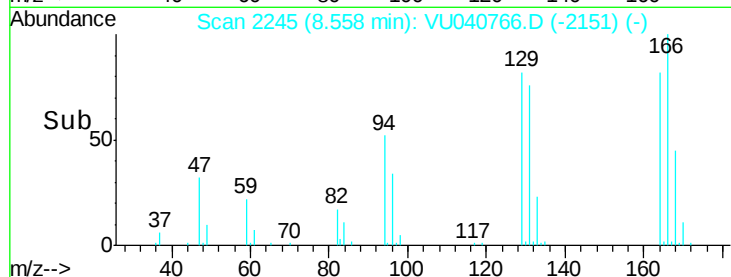
166 121.3 83.9 155.7

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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

