

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110220\
 Data File : VU041060.D
 Acq On : 02 Nov 2020 19:14
 Operator : SY/MD
 Sample : L4584-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSF2

Manual Integrations
 APPROVED

MMDadoda
 11/3/2020 8:43:48 AM

Quant Time: Nov 03 01:58:29 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	52188	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	51815	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	21556	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	20107	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.92	69	15967	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.58	63	28754	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	4.65	46	81509	56.45	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.90%
24) Chloroform-d	5.08	84	36816	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.72	65	24477	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.74	84	68601	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.70	67	23719	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.91	98	55923	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	8.19	79	9442	4.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.60%
46) 2-Hexanone-d5	8.64	63	55865	53.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.10%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	21301	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	21479	5.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.60%

Target Compounds					Ovalue
3) Chloromethane	1.53	50	4253	0.856 ug/L	96
13) Acetone	2.66	43	4479m	4.538 ug/L	
47) Tetrachloroethene	8.56	164	1880	0.649 ug/L	95

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

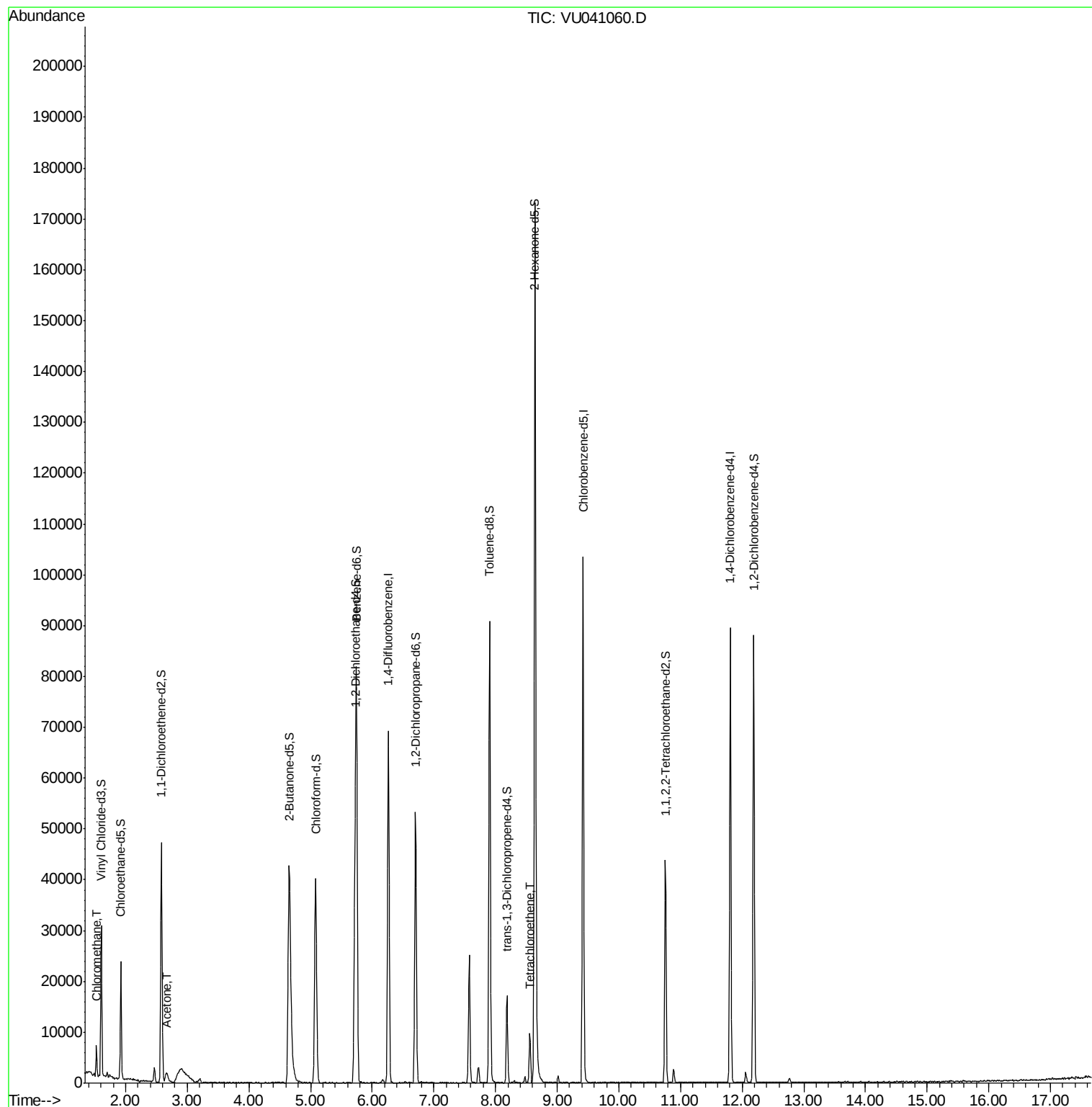
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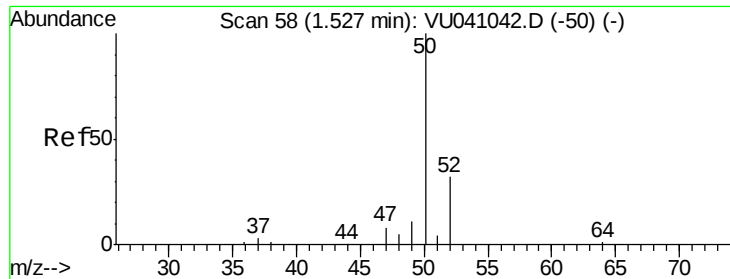
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QLast Update : Tue Nov 03 00:40:40 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.856 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU041060.D

Acq: 02 Nov 2020 19:14

Instrument :

MSVOA_U

ClientSampleId :

BFSF2

Tot Ion: 50 Resp: 4253

Ion Ratio Lower Upper

50 100

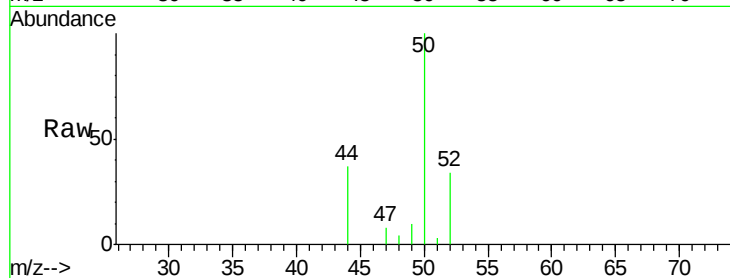
52 34.1 22.4 41.6

Manual Integrations

APPROVED

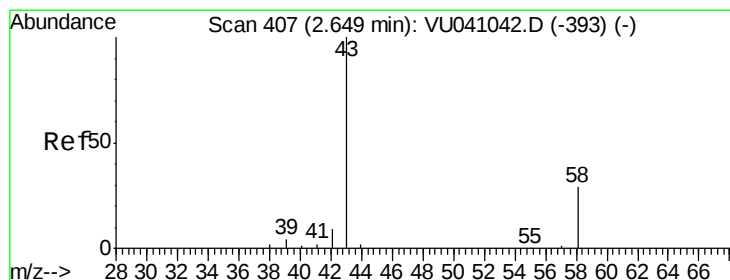
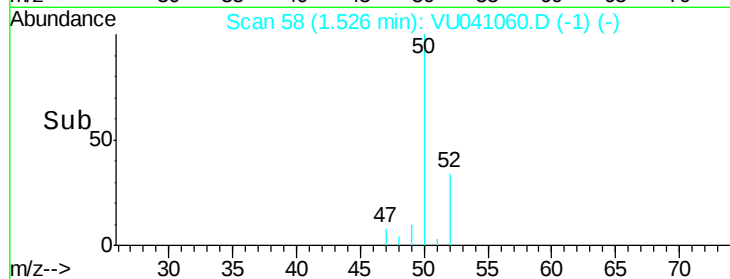
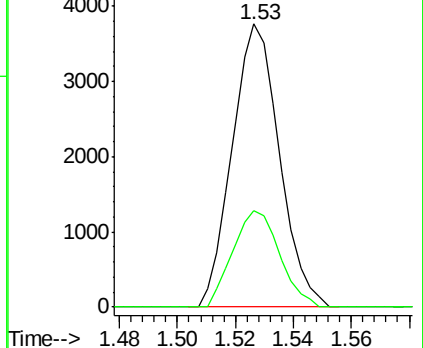
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Abundance Ion 50.05 (49.75 to 50.75): VU041042.D (-50) (-)

Ion 52.05 (51.75 to 52.75): VU041042.D (-50) (-)



#13

Acetone

Concen: 4.538 ug/L m

RT: 2.66 min Scan# 411

Delta R.T. 0.01 min

Lab File: VU041060.D

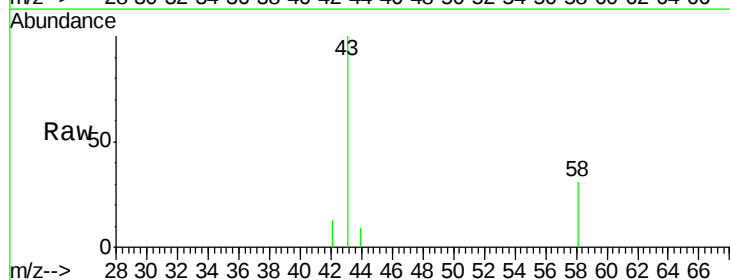
Acq: 02 Nov 2020 19:14

Tgt Ion: 43 Resp: 4479

Ion Ratio Lower Upper

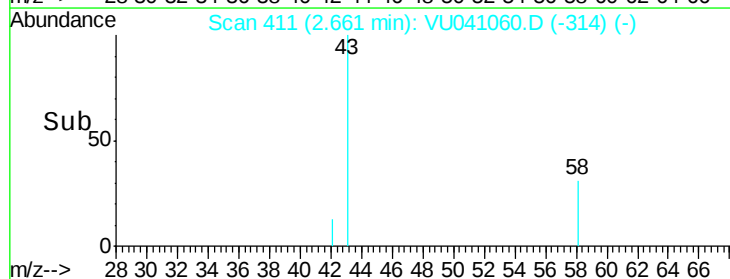
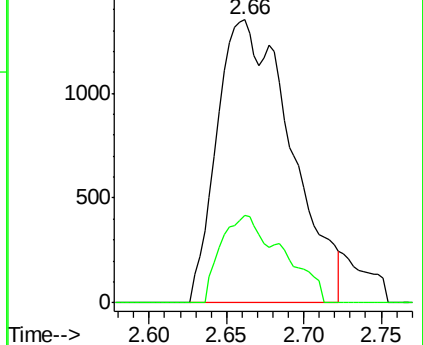
43 100

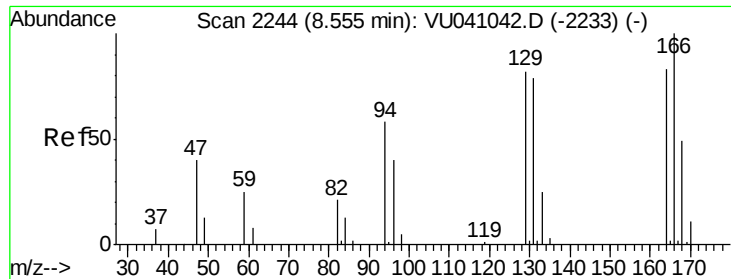
58 25.8 0.0 25.4#



Abundance Ion 43.05 (42.75 to 43.75): VU041042.D (-393) (-)

Ion 58.05 (57.75 to 58.75): VU041042.D (-393) (-)





#47

Tetrachloroethene

Concen: 0.649 ug/L

RT: 8.56 min Scan# 2246

Delta R.T. 0.01 min

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Tot Ion:	164	Resp:	1880
Ion Ratio	Lower	Upper	
164	100		
129	107.7	70.3	130.7
131	110.8	70.8	131.4
166	130.9	92.0	170.8

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