

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110220\
 Data File : VU041045.D
 Acq On : 02 Nov 2020 13:05
 Operator : SY/MD
 Sample : L4550-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSS4

Manual Integrations
 APPROVED

MMDadoda
 11/3/2020 8:43:32 AM

Quant Time: Nov 03 01:05:42 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	51499	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	52570	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	23493	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	20463	4.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.60%
7) Chloroethane-d5	1.92	69	15893	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.58	63	30564	3.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.00%
20) 2-Butanone-d5	4.64	46	86237	60.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.06%
24) Chloroform-d	5.08	84	37399	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.72	65	25784	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.80%
32) Benzene-d6	5.74	84	70064	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.70	67	23740	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.91	98	59124	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	8.19	79	9764	4.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.40%
46) 2-Hexanone-d5	8.64	63	60422	56.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.12%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	23070	5.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	23283	5.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.00%

Target Compounds					Ovalue
3) Chloromethane	1.53	50	6816	1.390 ug/L	99
13) Acetone	2.65	43	21365	21.934 ug/L #	60
21) 2-Butanone	4.73	43	3406m	2.237 ug/L	
42) Toluene	7.97	91	3764	0.236 ug/L	95

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

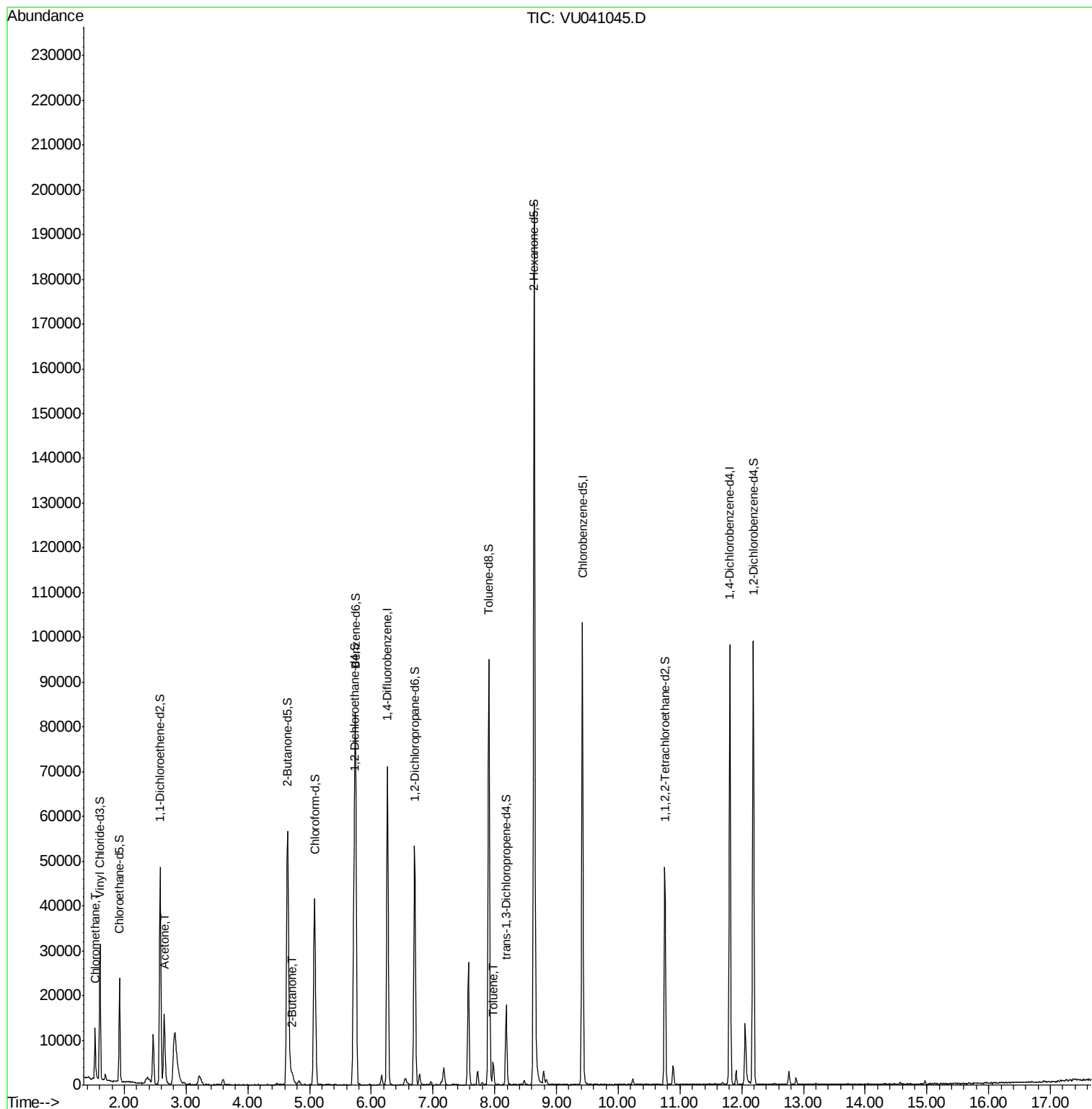
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110220\
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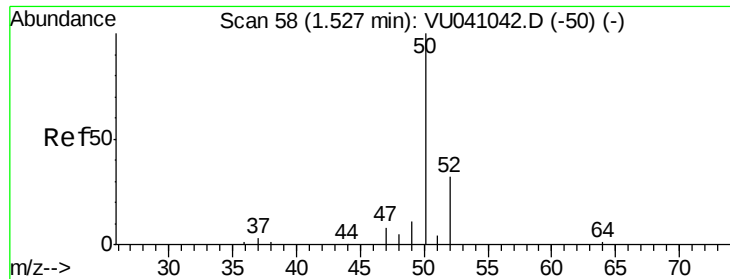
Instrument :
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QLast Update : Tue Nov 03 00:40:40 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 1.390 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU041045.D

Acq: 02 Nov 2020 13:05

Instrument :

MSVOA_U

ClientSampleId :

BFSS4

Tot Ion: 50 Resp: 6816

Ion Ratio Lower Upper

50 100

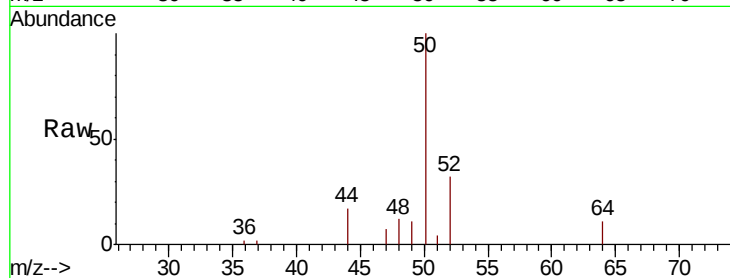
52 32.4 22.4 41.6

Manual Integrations

APPROVED

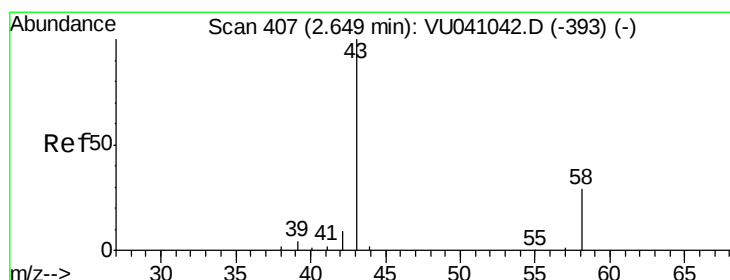
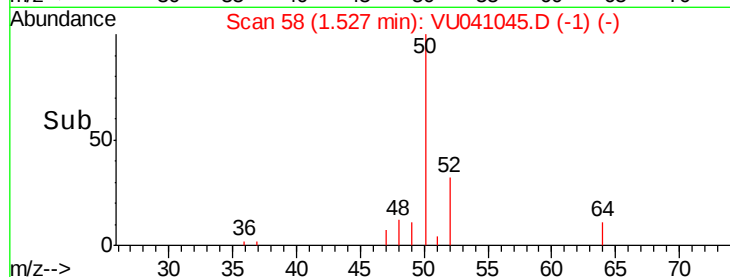
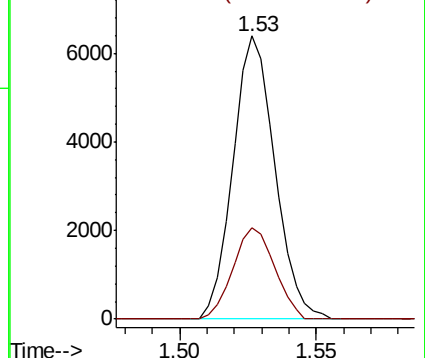
MMDadoda

11/3/2020 8:43:32 AM



Abundance Ion 50.05 (49.75 to 50.75): VU041045.D (-50) (-)

Ion 52.05 (51.75 to 52.75): VU041045.D (-50) (-)



#13

Acetone

Concen: 21.934 ug/L

RT: 2.65 min Scan# 406

Delta R.T. -0.00 min

Lab File: VU041045.D

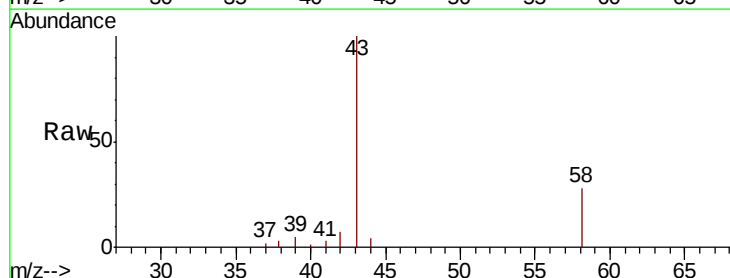
Acq: 02 Nov 2020 13:05

Tgt Ion: 43 Resp: 21365

Ion Ratio Lower Upper

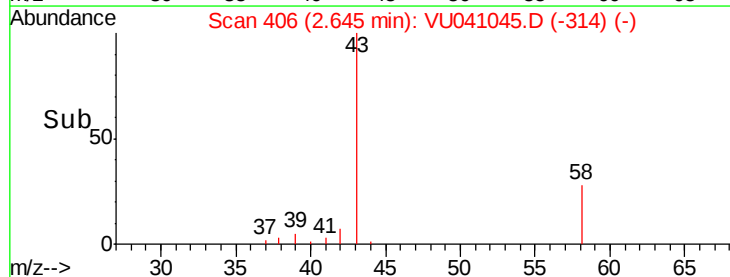
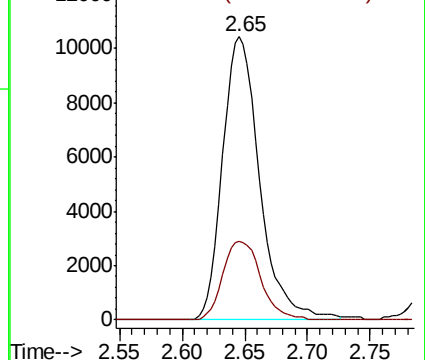
43 100

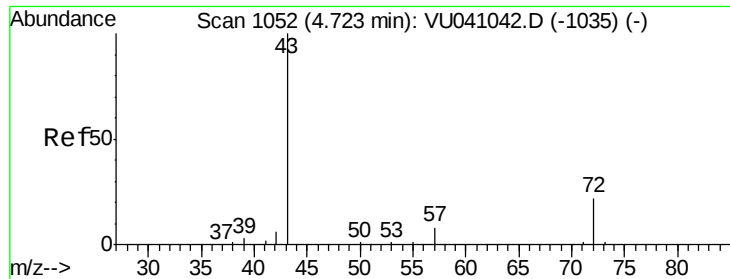
58 28.5 0.0 25.4#



Abundance Ion 43.05 (42.75 to 43.75): VU041045.D (-393) (-)

Ion 58.05 (57.75 to 58.75): VU041045.D (-393) (-)





#21

2-Butanone

Concen: 2.237 ug/L m

RT: 4.73 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VU041045.D

Acq: 02 Nov 2020 13:05

Instrument :

MSVOA_U

ClientSampled :

BFSS4

Tot Ion: 43 Resp: 3406

Ion Ratio Lower Upper

43 100

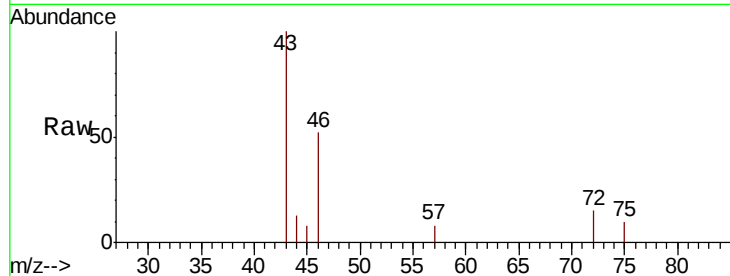
72 6.6 11.8 35.4#

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Abundance Ion 43.05 (42.75 to 43.75): VU041042.D (-1035) (-)

Ion 72.10 (71.80 to 72.80): VU041042.D (-1035) (-)

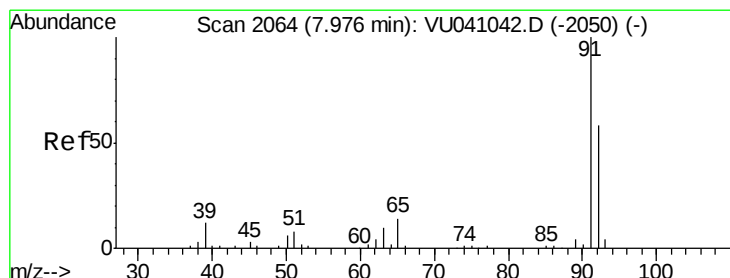
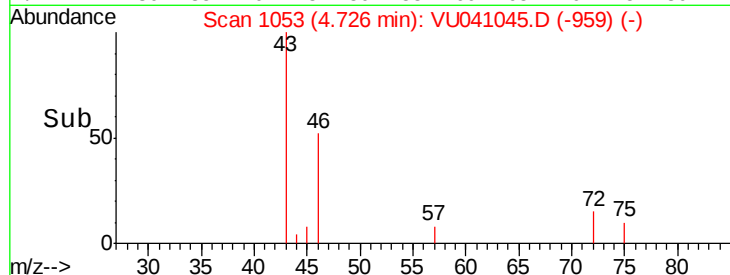
4.73

1000

500

0

Time-->



#42

Toluene

Concen: 0.236 ug/L

RT: 7.97 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VU041045.D

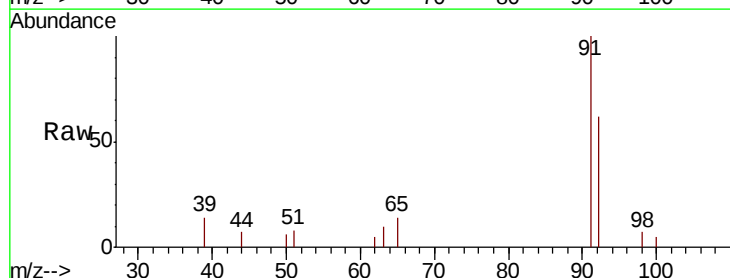
Acq: 02 Nov 2020 13:05

Tgt Ion: 91 Resp: 3764

Ion Ratio Lower Upper

91 100

92 62.0 40.6 75.4



Abundance Ion 91.15 (90.85 to 91.85): VU041042.D (-2050) (-)

Ion 92.15 (91.85 to 92.85): VU041042.D (-2050) (-)

7.97

2500

2000

1500

1000

500

0

Time-->

