

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102620\
 Data File : VU040972.D
 Acq On : 27 Oct 2020 03:26
 Operator : SY/MD
 Sample : L4492-20
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AP8

Manual Integrations
 APPROVED

MMDadoda
 10/27/2020 3:12:57 PM

Quant Time: Oct 27 06:28:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 27 05:24:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	56676	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	58927	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	23495	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	23793	5.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.00%
7) Chloroethane-d5	1.92	69	18856	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.00%
11) 1,1-Dichloroethene-d2	2.58	63	36285	3.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.80%
20) 2-Butanone-d5	4.67	46	82397	52.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.10%
24) Chloroform-d	5.08	84	41653	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.72	65	25902	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.74	84	76646	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.70	67	25882	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.91	98	59882	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
43) trans-1,3-Dichloropropene-	8.19	79	10251	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.64	63	58077	48.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.00%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	23203	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	23667	5.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.80%

Target Compounds				Ovalue
13) Acetone	2.68	43	10987m	10.249 ug/L
14) Carbon disulfide	2.81	76	50139	3.748 ug/L
16) Methylene chloride	3.06	84	2049	0.439 ug/L
47) Tetrachloroethene	8.56	164	2331	0.707 ug/L

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

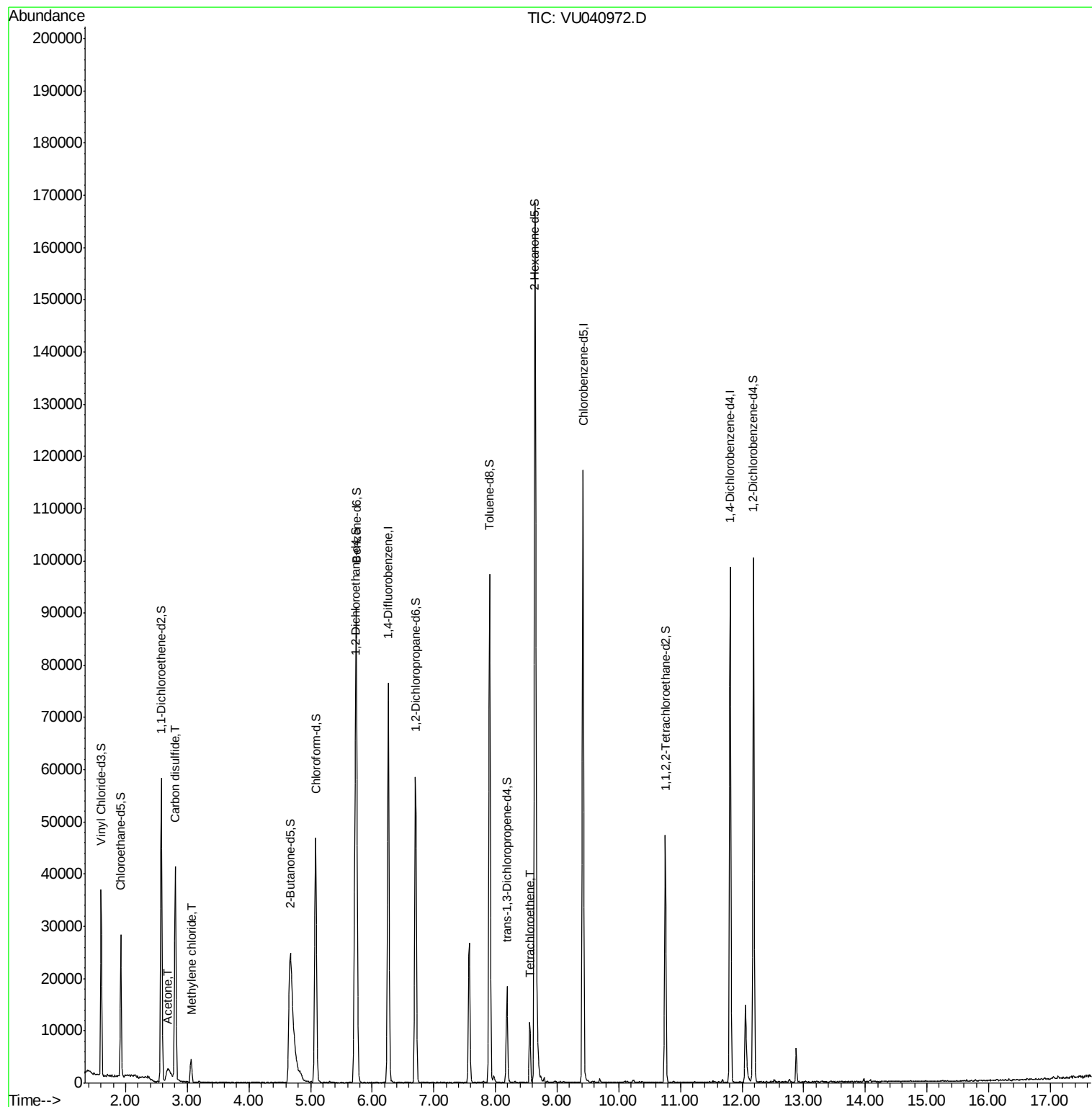
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102620\
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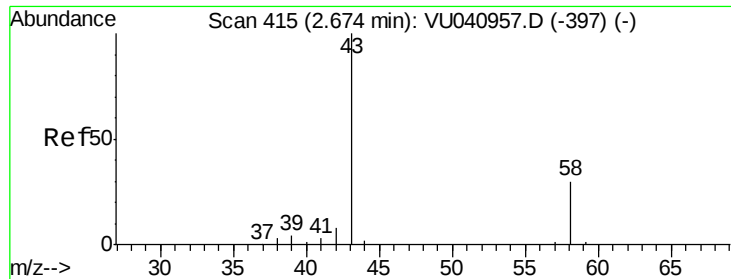
Instrument :
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Response via : Initial Calibration





#13

Acetone

Concen: 10.249 ug/L m

RT: 2.68 min Scan# 417

Delta R.T. 0.01 min

Lab File: VU040972.D

Acq: 27 Oct 2020 03:26

Instrument :

MSVOA_U

ClientSampleId :

C0AP8

Tot Ion: 43 Resp: 10987

Ion Ratio Lower Upper

43 100

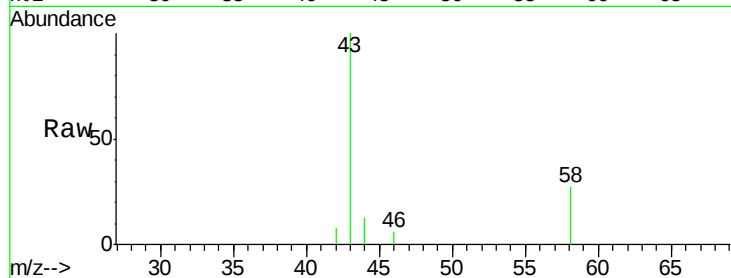
58 9.1 0.0 25.4

Manual Integrations

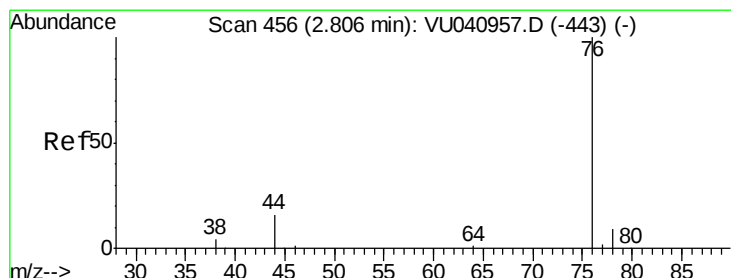
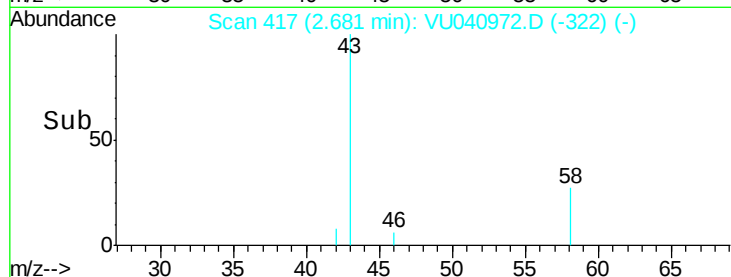
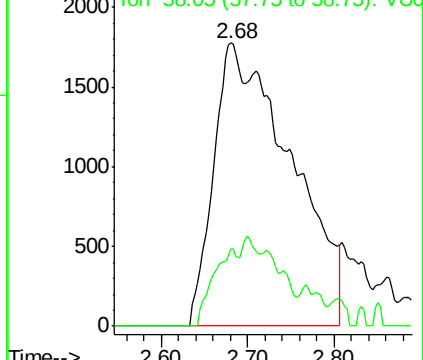
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Abundance Ion 43.05 (42.75 to 43.75): VU040972.D (-397) (-)



#14

Carbon disulfide

Concen: 3.748 ug/L

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU040972.D

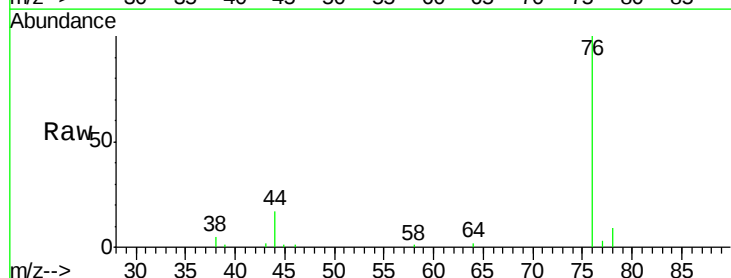
Acq: 27 Oct 2020 03:26

Tgt Ion: 76 Resp: 50139

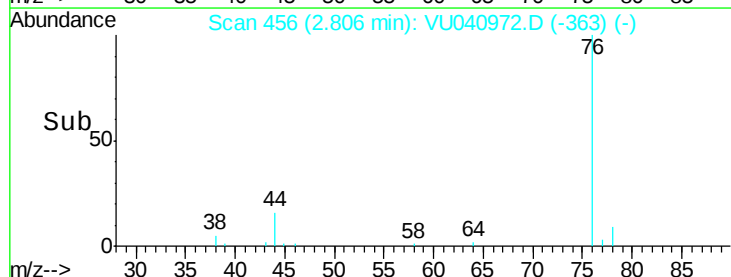
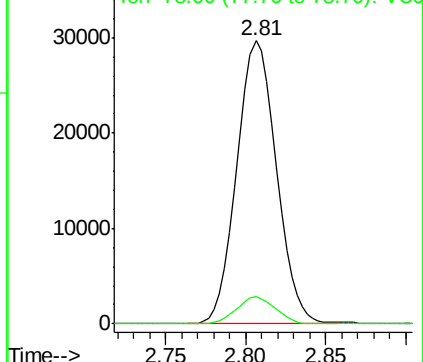
Ion Ratio Lower Upper

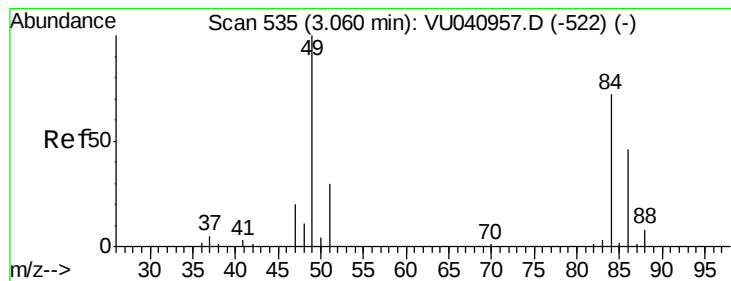
76 100

78 9.5 7.5 11.3



Abundance Ion 76.05 (75.75 to 76.75): VU040972.D (-363) (-)





#16

Methylene chloride

Concen: 0.439 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU040972.D

Acq: 27 Oct 2020 03:26

Instrument :

MSVOA_U

ClientSampleId :

C0AP8

Tot Ion: 84 Resp: 2049

Ion Ratio Lower Upper

84 100

86 75.8 42.8 79.6

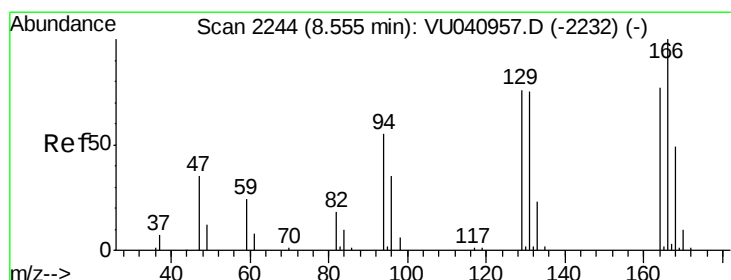
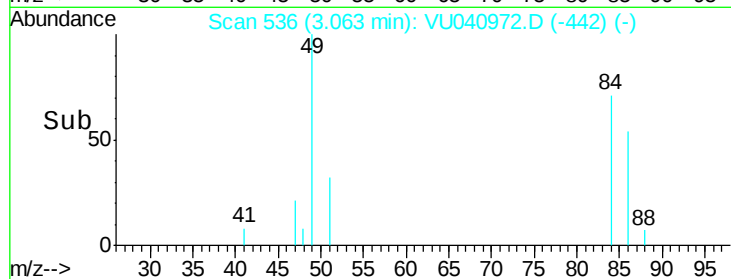
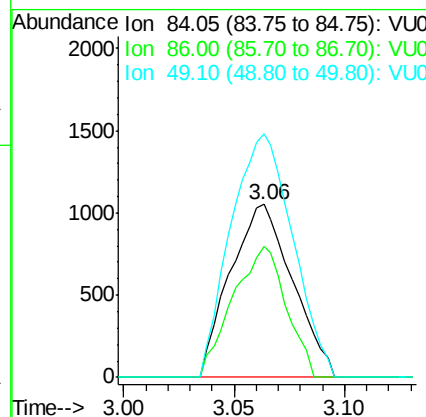
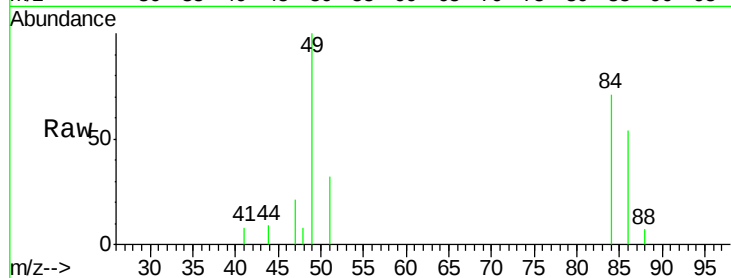
49 140.9 99.5 184.7

Manual Integrations

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#47

Tetrachloroethene

Concen: 0.707 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. 0.00 min

Lab File: VU040972.D

Acq: 27 Oct 2020 03:26

Tgt Ion: 164 Resp: 2331

Ion Ratio Lower Upper

164 100

129 105.9 70.3 130.7

131 92.4 70.8 131.4

166 125.1 92.0 170.8

