

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102620\
 Data File : VU040947.D
 Acq On : 26 Oct 2020 16:24
 Operator : SY/MD
 Sample : L4492-20
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AP8

Manual Integrations
 APPROVED

MMDadoda
 10/27/2020 3:11:22 PM

Quant Time: Oct 27 04:18:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 27 03:00:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	51507	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	54274	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	22003	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	13468	3.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.20%
7) Chloroethane-d5	1.92	69	13873	4.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.40%
11) 1,1-Dichloroethene-d2	2.58	63	22811	2.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.80%#
20) 2-Butanone-d5	4.67	46	87908	61.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.38%
24) Chloroform-d	5.08	84	35646	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.72	65	23641	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.74	84	61087	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
36) 1,2-Dichloropropane-d6	6.70	67	22592	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.91	98	45811	3.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.60%#
43) trans-1,3-Dichloropropene-	8.19	79	8234	4.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.40%
46) 2-Hexanone-d5	8.64	63	60660	55.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.00%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	22243	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	20284	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds					Ovalue	
13) Acetone	2.68	43	13216m	13.566	ug/L	
14) Carbon disulfide	2.81	76	43625	3.588	ug/L	98
16) Methylene chloride	3.06	84	2385	0.563	ug/L	98
47) Tetrachloroethene	8.56	164	1221	0.402	ug/L	84

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

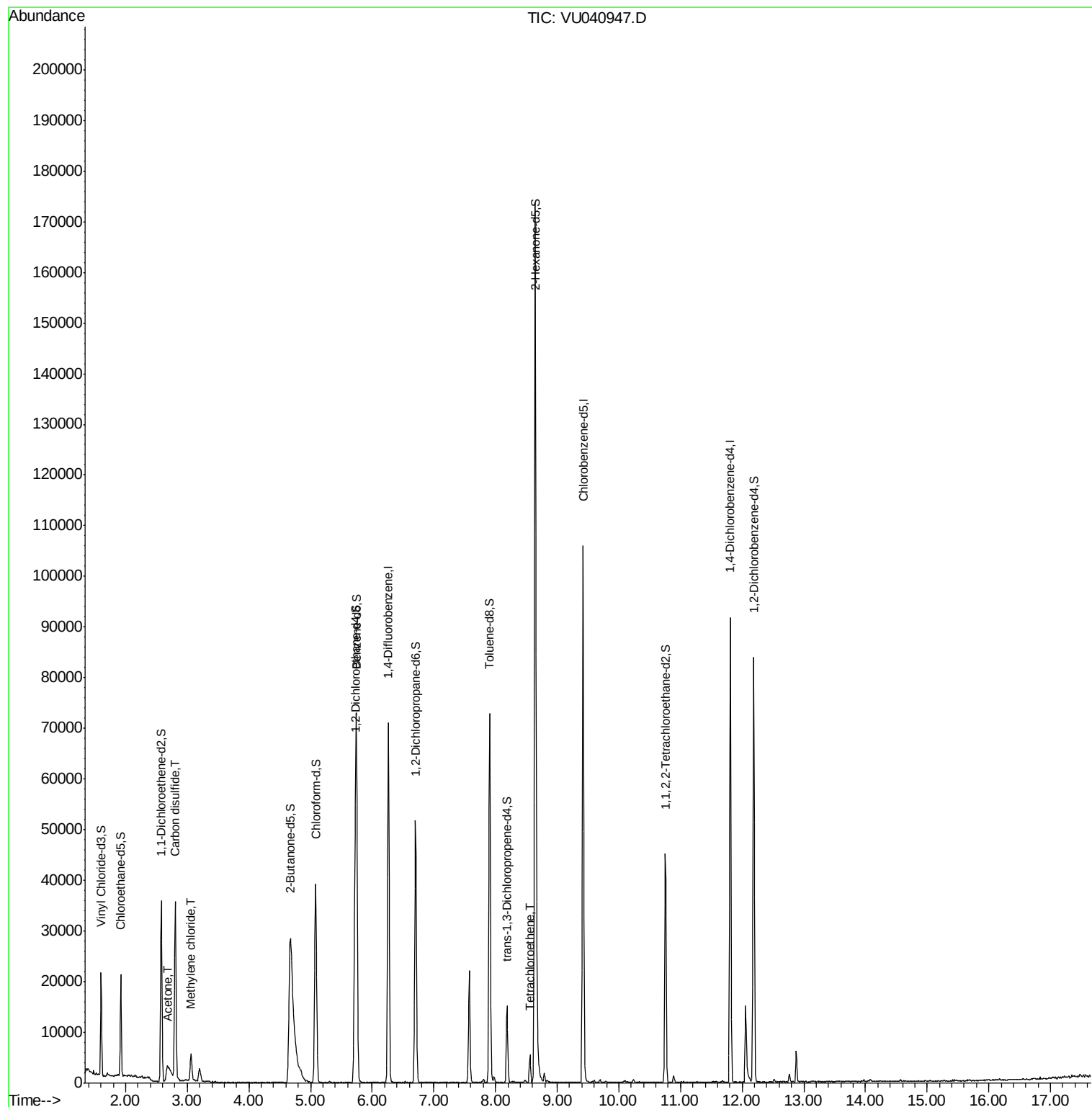
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU102620\
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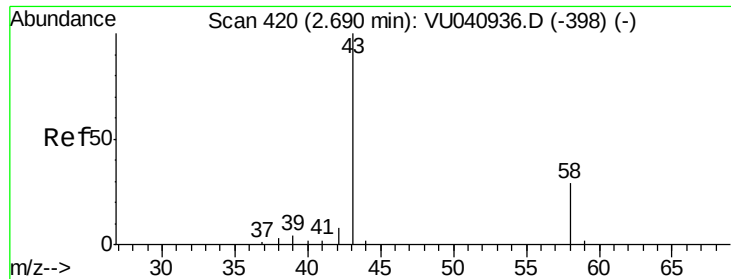
Instrument :
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Response via : Initial Calibration





#13

Acetone

Concen: 13.566 ug/L m

RT: 2.68 min Scan# 418

Delta R.T. -0.01 min

Lab File: VU040947.D

Acq: 26 Oct 2020 16:24

Instrument :

MSVOA_U

ClientSampled :

C0AP8

Tot Ion: 43 Resp: 13216

Ion Ratio Lower Upper

43 100

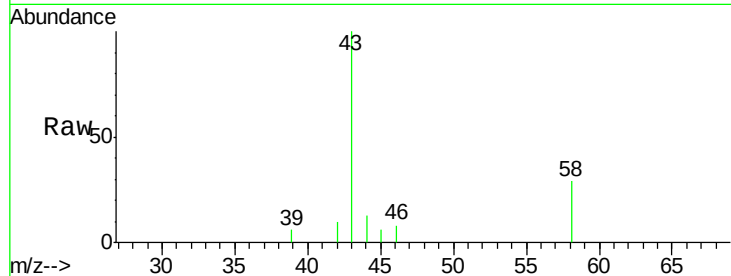
58 17.3 0.0 25.4

Manual Integrations

APPROVED

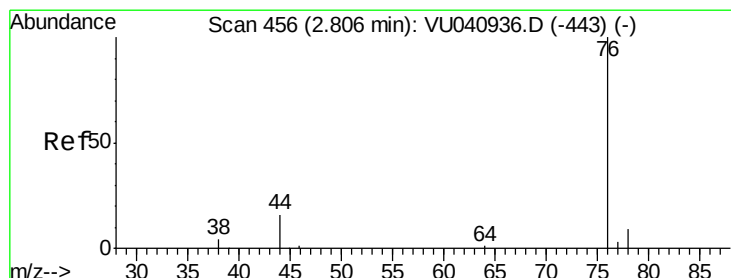
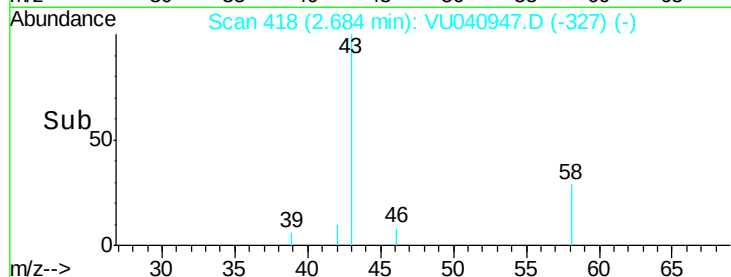
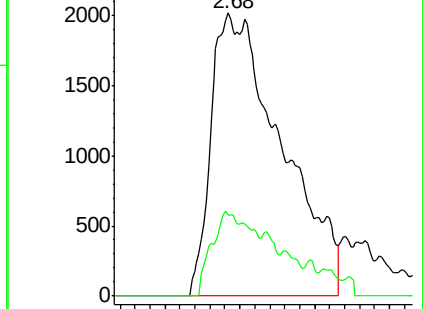
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10/27/2020 3:11:22 PM



Abundance Ion 43.05 (42.75 to 43.75): VU040947.D (-327) (-)

Ion 58.05 (57.75 to 58.75): VU040947.D (-327) (-)



#14

Carbon disulfide

Concen: 3.588 ug/L

RT: 2.81 min Scan# 456

Delta R.T. -0.00 min

Lab File: VU040947.D

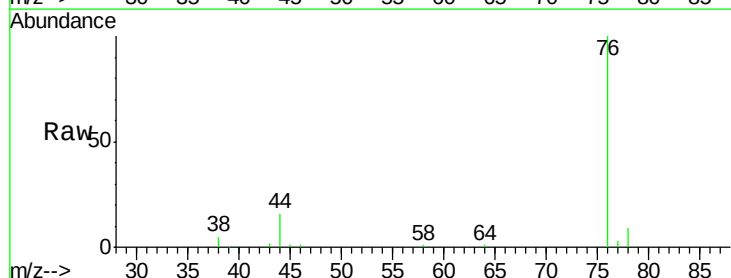
Acq: 26 Oct 2020 16:24

Tgt Ion: 76 Resp: 43625

Ion Ratio Lower Upper

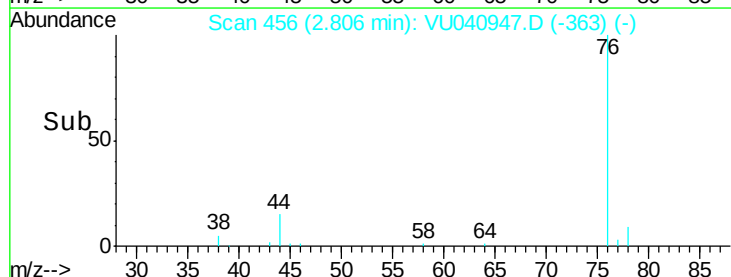
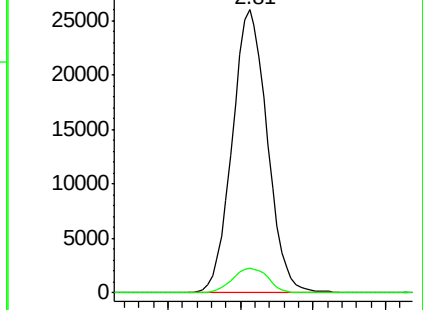
76 100

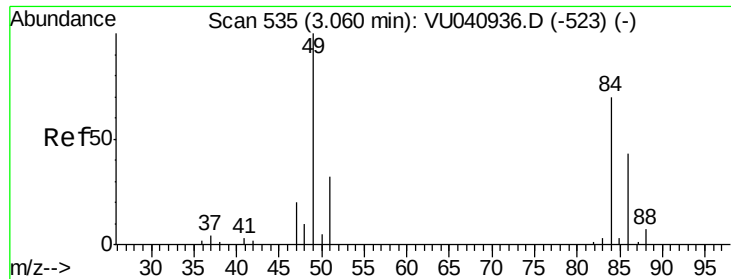
78 8.8 7.5 11.3



Abundance Ion 76.05 (75.75 to 76.75): VU040947.D (-363) (-)

Ion 78.00 (77.70 to 78.70): VU040947.D (-363) (-)





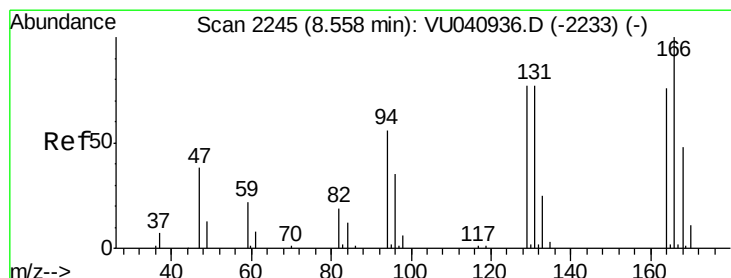
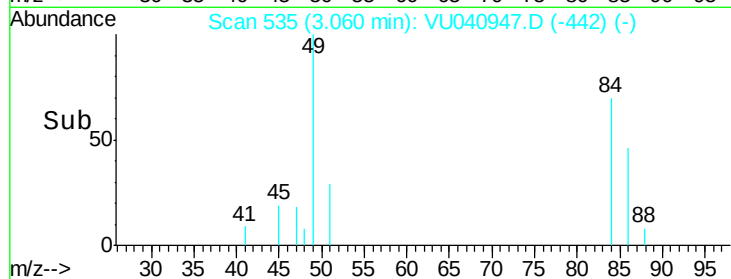
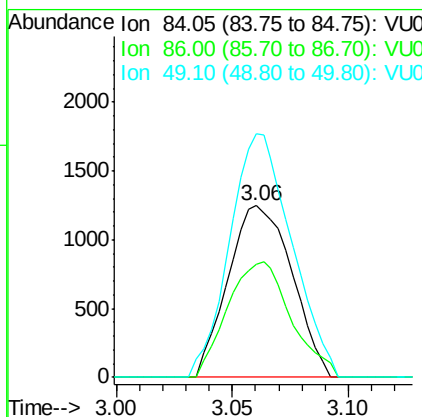
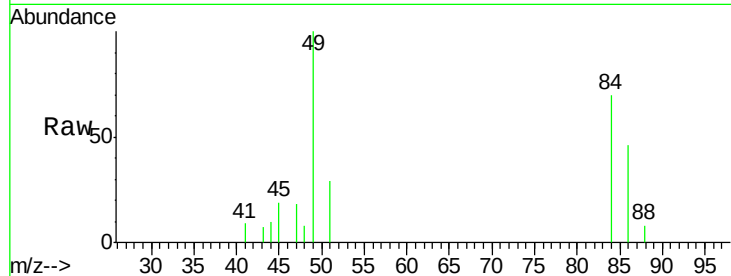
#16
Methylene chloride
Concen: 0.563 ug/L
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU040947.D
Acq: 26 Oct 2020 16:24

Instrument :
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ClientSampled :
C0AP8

Tot Ion	84	Resp	2385
Ion	Ratio	Lower	Upper
84	100		
86	65.7	42.8	79.6
49	142.1	99.5	184.7

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#47
Tetrachloroethene
Concen: 0.402 ug/L
RT: 8.56 min Scan# 2246
Delta R.T. 0.00 min
Lab File: VU040947.D
Acq: 26 Oct 2020 16:24

Tgt Ion	164	Resp	1221
Ion	Ratio	Lower	Upper
164	100		
129	120.0	70.3	130.7
131	78.8	70.8	131.4
166	122.0	92.0	170.8

