

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031120\
 Data File : VU037179.D
 Acq On : 11 Mar 2020 20:25
 Operator : JC/MD
 Sample : L1891-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBER3

Manual Integrations
 APPROVED

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 3/13/2020 3:37:15 PM

Quant Time: Mar 12 04:27:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Mar 12 01:55:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	109471	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	111622	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	45269	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	33831	4.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.20%
7) Chloroethane-d5	1.93	69	28021	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.40%
11) 1,1-Dichloroethene-d2	2.59	63	56654	3.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.40%
20) 2-Butanone-d5	4.69	46	87859	47.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.56%
24) Chloroform-d	5.11	84	73803	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.74	65	42870	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.76	84	133826	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.72	67	43700	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.93	98	116949	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	8.21	79	16669	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	8.66	63	71171	47.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.44%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	34248	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	42671	5.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.20%

Target Compounds

					Ovalue
14) Carbon disulfide	2.82	76	9367	0.395 ug/L #	90
18) trans-1,2-Dichloroethene	3.39	96	798	0.106 ug/L	93
22) cis-1,2-Dichloroethene	4.72	96	2298m	0.276 ug/L	
42) Toluene	8.00	91	3292	0.093 ug/L	84
52) Ethylbenzene	9.59	91	3251	0.083 ug/L	92

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

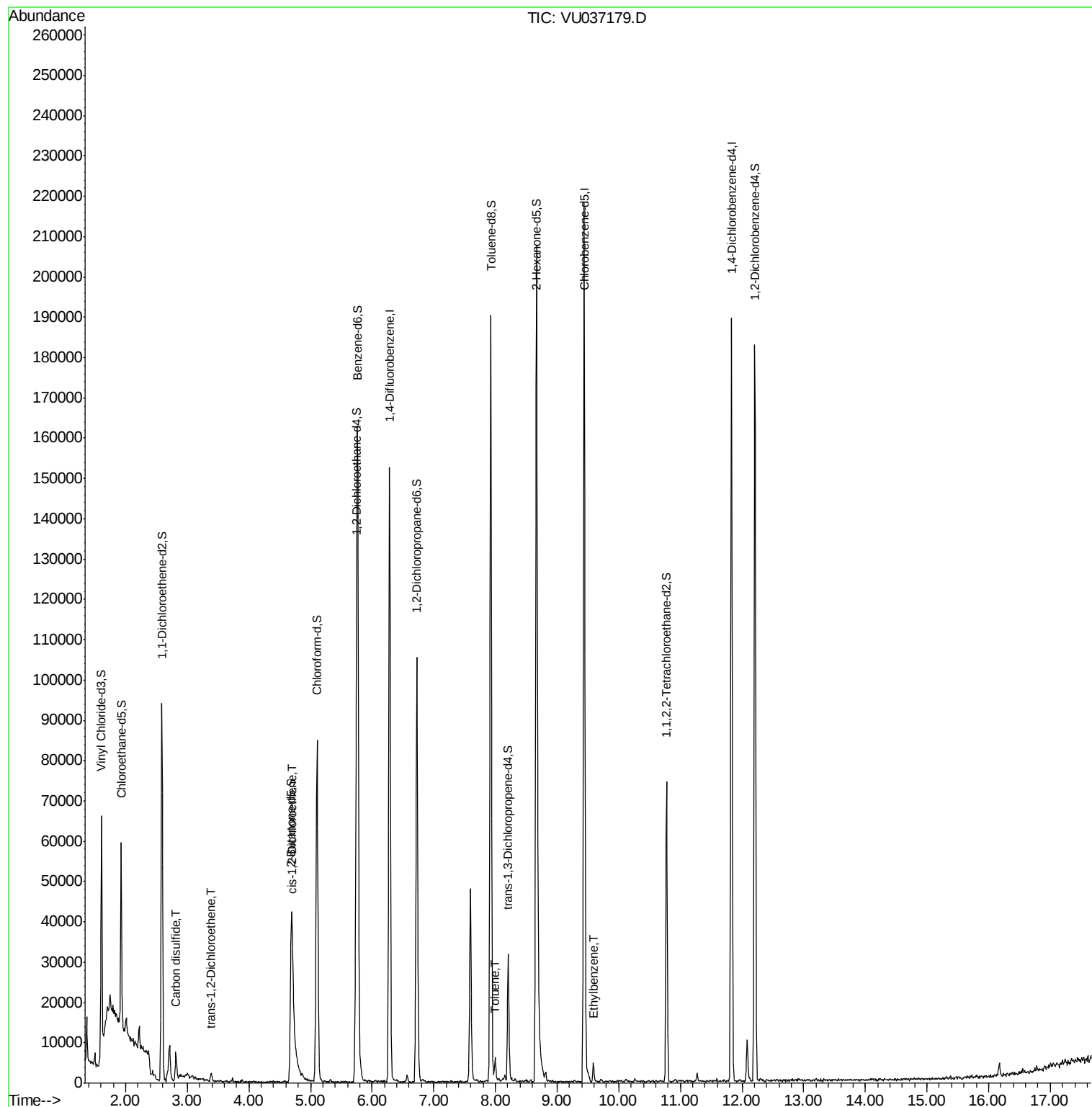
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031120\
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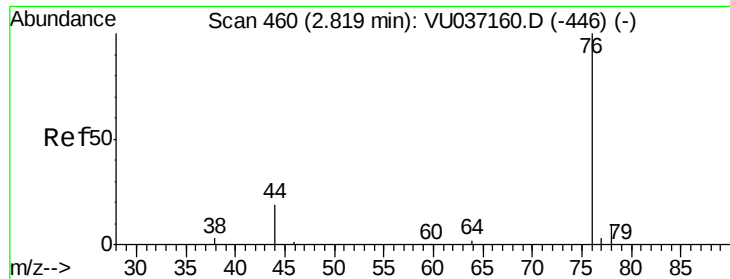
Instrument :
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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Mar 12 01:55:55 2020
Response via : Initial Calibration





#14

Carbon disulfide

Concen: 0.395 ug/L

RT: 2.82 min Scan# 459

Delta R.T. -0.00 min

Lab File: VU037179.D

Acq: 11 Mar 2020 20:25

Instrument :

MSVOA_U

ClientSampleId :

DBER3

Tot Ion: 76 Resp: 9367

Ion Ratio Lower Upper

76 100

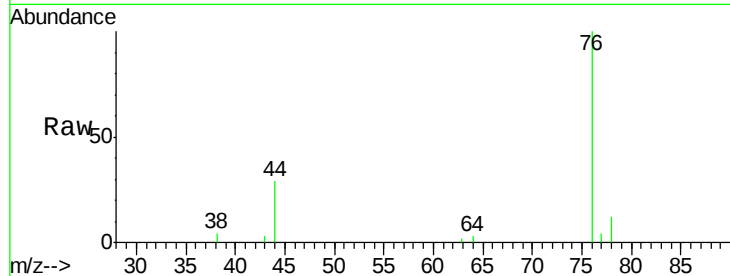
78 12.1 6.9 10.3#

Manual Integrations

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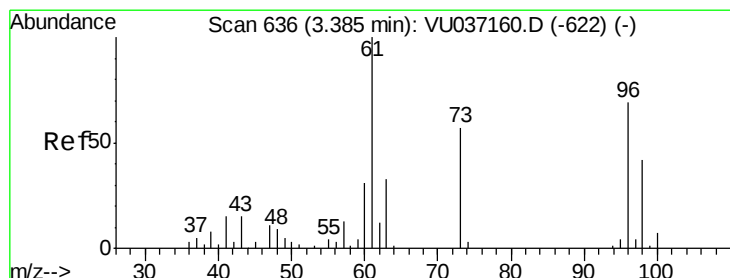
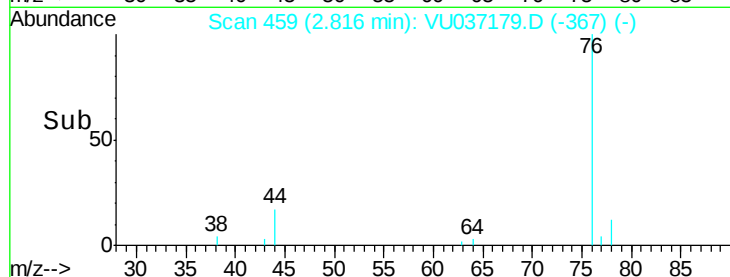


Abundance Ion 76.05 (75.75 to 76.75): VU0

Ion 78.00 (77.70 to 78.70): VU0

2.82

Time-->



#18

trans-1,2-Dichloroethene

Concen: 0.106 ug/L

RT: 3.39 min Scan# 636

Delta R.T. -0.00 min

Lab File: VU037179.D

Acq: 11 Mar 2020 20:25

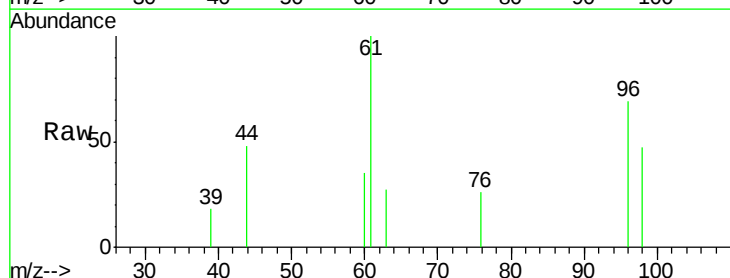
Tgt Ion: 96 Resp: 798

Ion Ratio Lower Upper

96 100

61 143.9 107.2 199.2

98 67.6 43.6 81.0



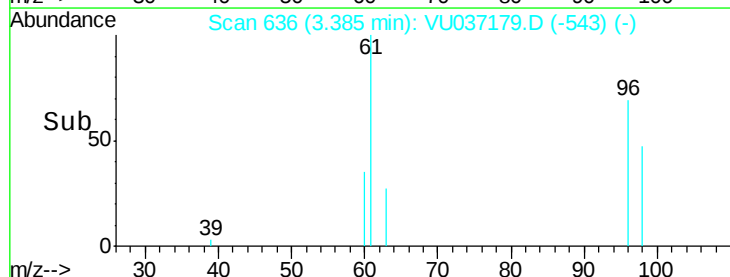
Abundance Ion 96.00 (95.70 to 96.70): VU0

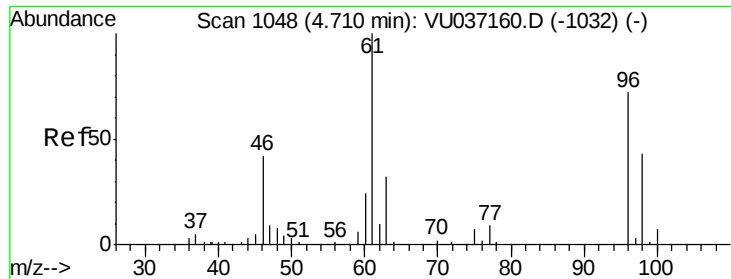
Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0

3.39

Time-->





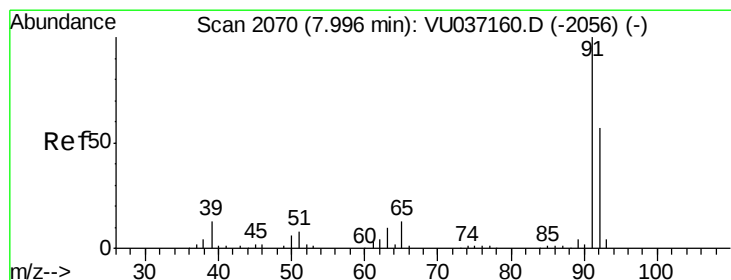
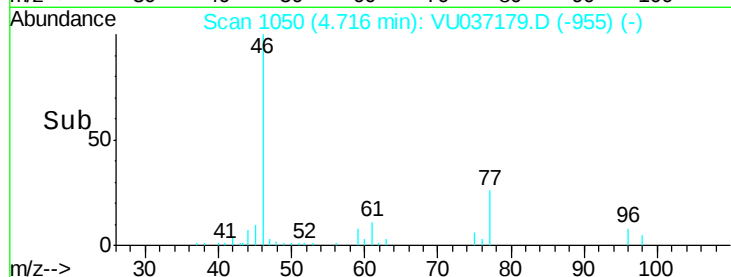
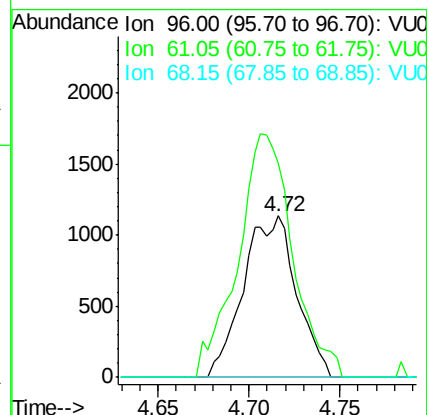
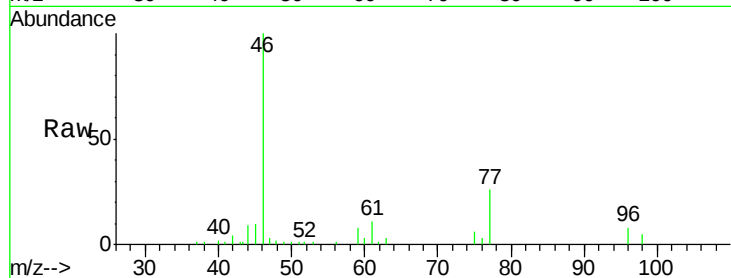
#22
 cis-1,2-Dichloroethene
 Concen: 0.276 ug/L m
 RT: 4.72 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: VU037179.D
 Acq: 11 Mar 2020 20:25

Instrument :
 MSVOA_U
 ClientSampleId :
 DBER3

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.6	94.1	174.8
68	0.0	0.0	0.0

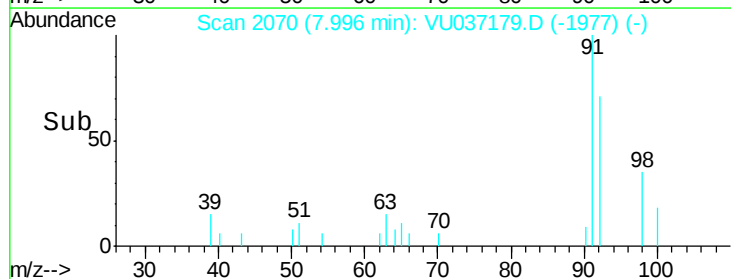
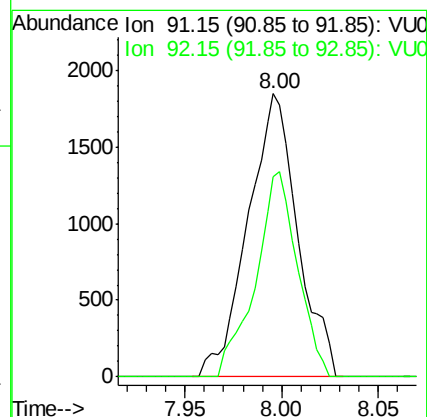
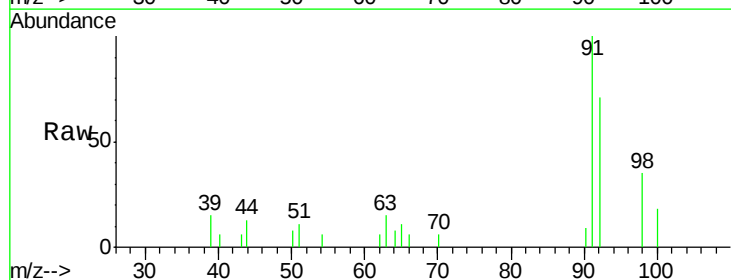
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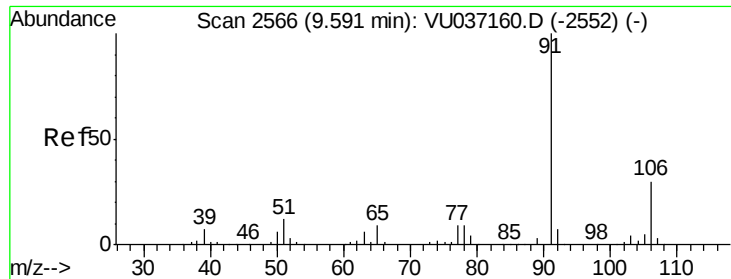
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#42
 Toluene
 Concen: 0.093 ug/L
 RT: 8.00 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VU037179.D
 Acq: 11 Mar 2020 20:25

Tgt Ion	Ratio	Lower	Upper
91	100		
92	70.6	41.0	76.2





#52
Ethylbenzene
Concen: 0.083 ug/L
RT: 9.59 min Scan# 2566
Delta R.T. -0.00 min
Lab File: VU037179.D
Acq: 11 Mar 2020 20:25

Instrument :
MSVOA_U
ClientSampleId :
DBER3

Tot Ion	Ion	Ratio	Lower	Upper
3251	91	100		
	106	24.7	20.4	37.8

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