

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082520\
 Data File : VU039970.D
 Acq On : 25 Aug 2020 16:32
 Operator : SY/MD
 Sample : L3776-19
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y18

Manual Integrations
 APPROVED

sam
 8/26/2020 5:20:21 PM

Quant Time: Aug 26 04:33:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 26 03:42:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	70404	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	69288	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	32222	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	25087	4.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.60%
7) Chloroethane-d5	1.92	69	21529	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.60%
11) 1,1-Dichloroethene-d2	2.58	63	39566	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	4.65	46	79063	40.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.46%
24) Chloroform-d	5.09	84	51903	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.72	65	31046	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.74	84	98051	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.70	67	31624	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.91	98	83379	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	8.19	79	12382	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.64	63	56153	38.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.50%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	24271	4.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	32870	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds				Ovalue
13) Acetone	2.65	43	29048m	21.631 ug/L
19) 1,1-Dichloroethane	3.89	63	80104	6.757 ug/L 99
25) Chloroform	5.11	83	5109	0.425 ug/L 100
27) 1,2-Dichloroethane	5.81	62	7297	0.865 ug/L 98

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

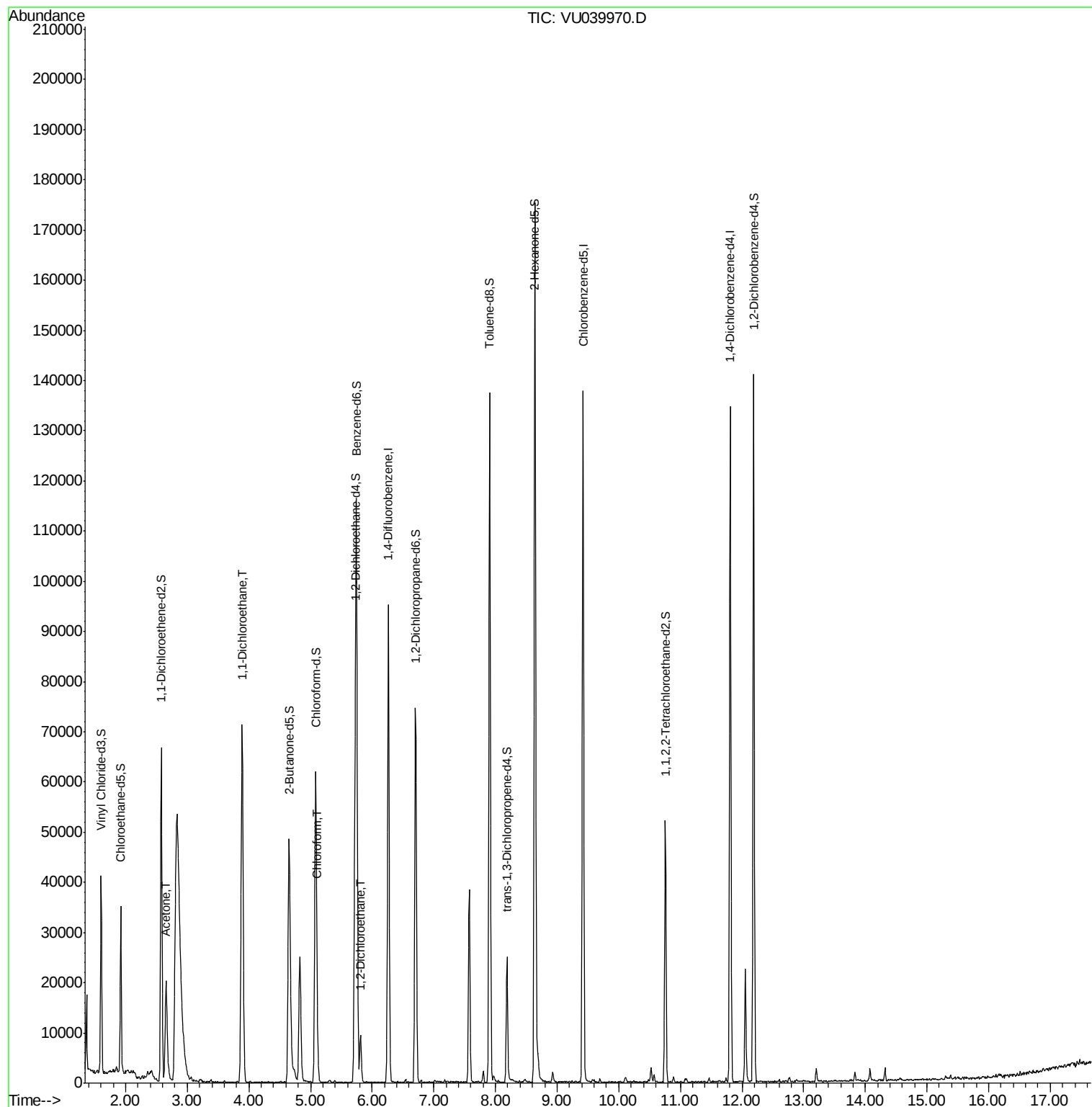
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU082520\
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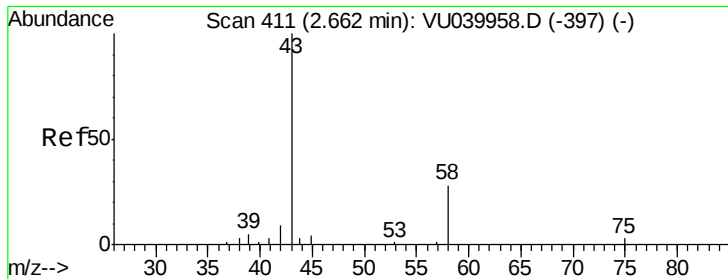
Instrument :
MSVOA_U
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QLast Update : Wed Aug 26 03:42:21 2020
Response via : Initial Calibration





#13

Acetone

Concen: 21.631 ug/L m

RT: 2.65 min Scan# 409

Delta R.T. -0.01 min

Lab File: VU039970.D

Acq: 25 Aug 2020 16:32

Instrument :

MSVOA_U

ClientSampleId :

F4Y18

Tot Ion: 43 Resp: 29048

Ion Ratio Lower Upper

43 100

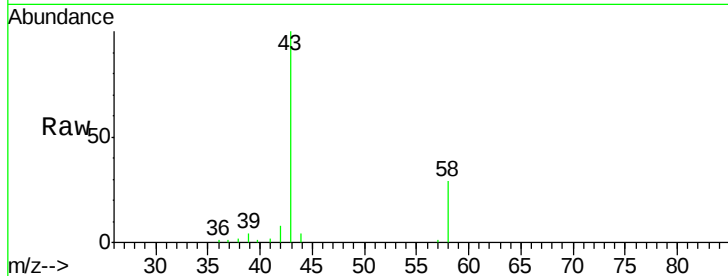
58 2.6 0.0 19.0

Manual Integrations

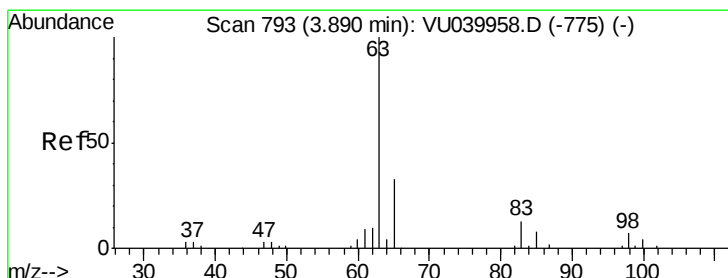
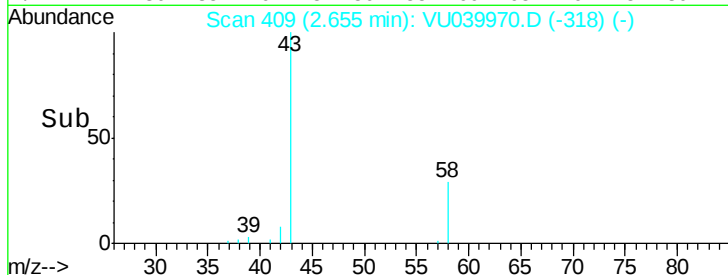
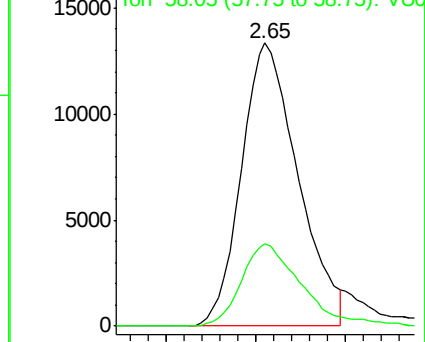
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Abundance Ion 43.05 (42.75 to 43.75): VU039970.D (-318) (-)



#19

1,1-Dichloroethane

Concen: 6.757 ug/L

RT: 3.89 min Scan# 793

Delta R.T. -0.00 min

Lab File: VU039970.D

Acq: 25 Aug 2020 16:32

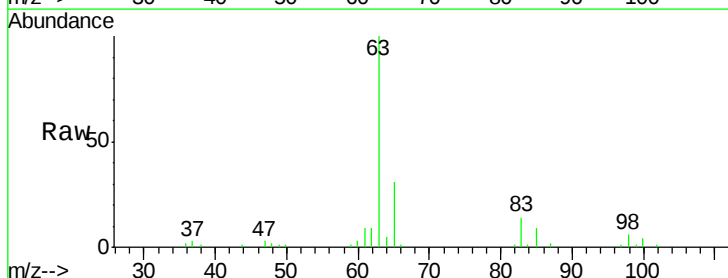
Tgt Ion: 63 Resp: 80104

Ion Ratio Lower Upper

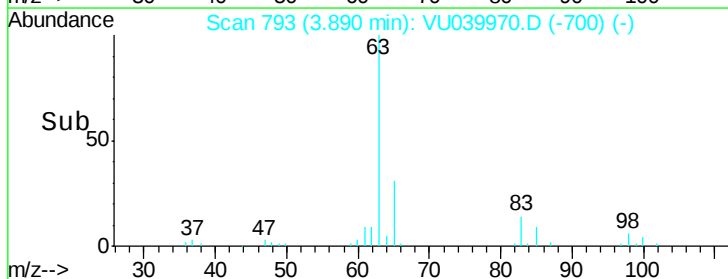
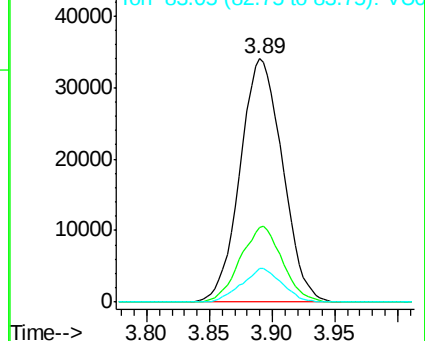
63 100

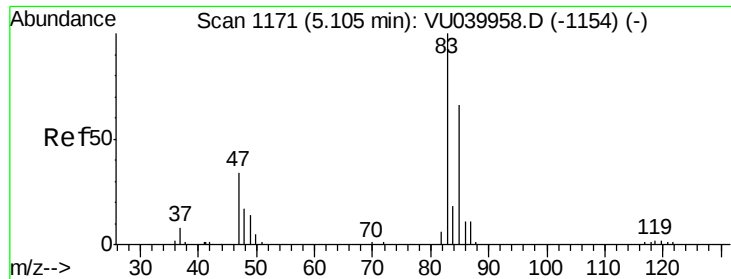
65 30.9 21.6 40.0

83 13.8 10.3 19.1



Abundance Ion 63.10 (62.80 to 63.80): VU039970.D (-700) (-)





#25

Chloroform

Concen: 0.425 ug/L

RT: 5.11 min Scan# 1173

Delta R.T. 0.01 min

Lab File: VU039970.D

Acq: 25 Aug 2020 16:32

Instrument :

MSVOA_U

ClientSampled :

F4Y18

Tot Ion: 83 Resp: 5109

Ion Ratio Lower Upper

83 100

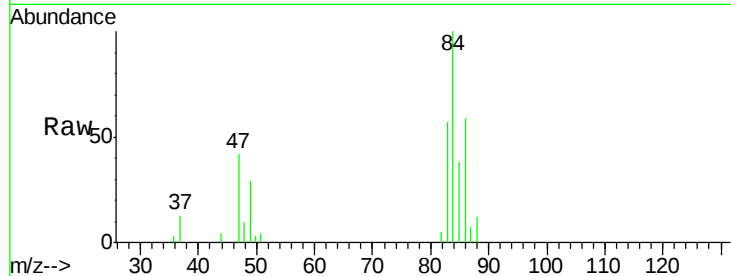
85 66.4 46.4 86.2

Manual Integrations

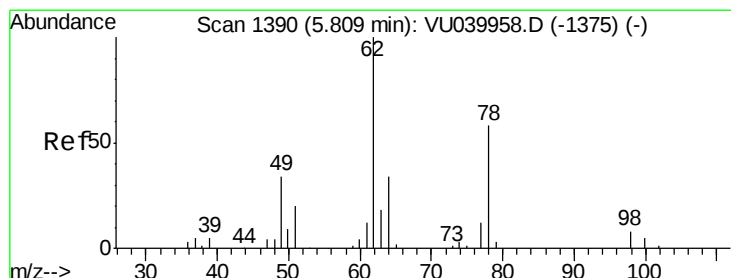
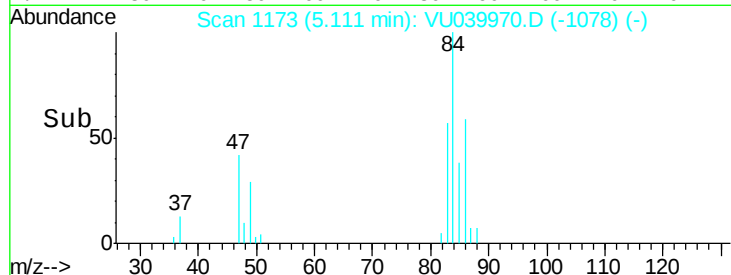
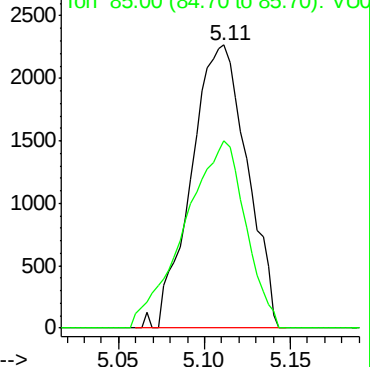
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Abundance Ion 83.05 (82.75 to 83.75): VU039970.D (-1078) (-)



#27

1,2-Dichloroethane

Concen: 0.865 ug/L

RT: 5.81 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VU039970.D

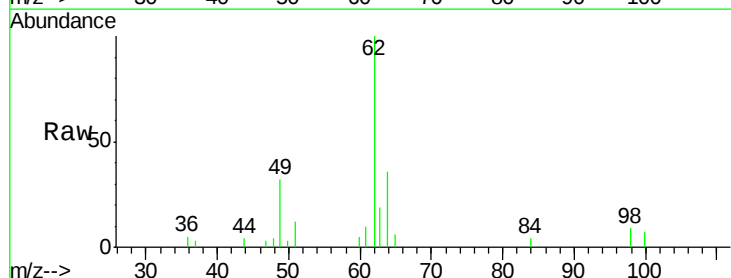
Acq: 25 Aug 2020 16:32

Tgt Ion: 62 Resp: 7297

Ion Ratio Lower Upper

62 100

98 8.7 7.4 11.2



Abundance Ion 62.00 (61.70 to 62.70): VU039970.D (-1297) (-)

