

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042120\
 Data File : VU037826.D
 Acq On : 21 Apr 2020 15:51
 Operator : JC/MD
 Sample : VU0421WBL01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 22 02:18:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 22 02:16:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	503060	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	486702	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	239530	50.00	ug/L	0.00

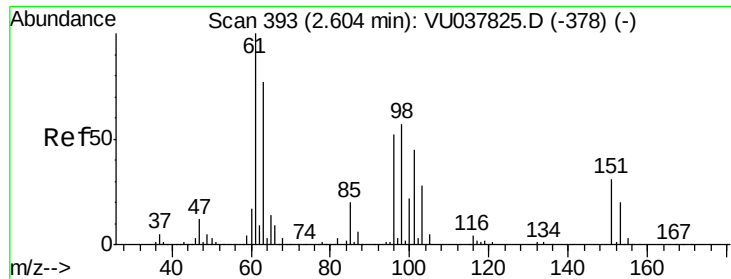
System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	215569	47.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.88%
7) Chloroethane-d5	1.93	69	179948	49.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.08%
11) 1,1-Dichloroethene-d2	2.59	63	281432	37.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.02%
21) 2-Butanone-d5	4.66	46	381242	103.86	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.86%
24) Chloroform-d	5.10	84	349049	48.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.74	65	250321	50.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.10%
32) Benzene-d6	5.76	84	754845	50.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.06%
36) 1,2-Dichloropropane-d6	6.72	67	253453	49.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.92%
41) Toluene-d8	7.92	98	688888	49.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.86%
43) trans-1,3-Dichloropropene-	8.20	79	125188	48.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.58%
47) 2-Hexanone-d5	8.65	63	279150	105.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.28%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	338945	48.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.12%
64) 1,2-Dichlorobenzene-d4	12.20	152	251828	49.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.70%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	3090	0.926 ug/L	# 35
67) 1,3,5-Trichlorobenzene	13.87	180	5199	0.884 ug/L	95
68) 1,2,4-trichlorobenzene	13.87	180	5199	0.929 ug/L	96
69) Naphthalene	14.11	128	24445	1.240 ug/L	99

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



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.926 ug/L

RT: 2.59 min Scan# 388

Delta R.T. -0.02 min

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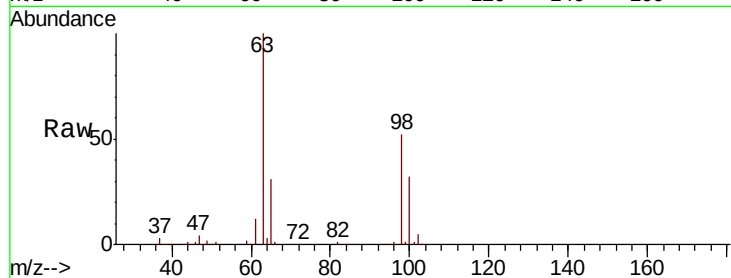
Tot Ion:101 Resp: 3090

Ion Ratio Lower Upper

101 100

85 5.6 35.3 52.9#

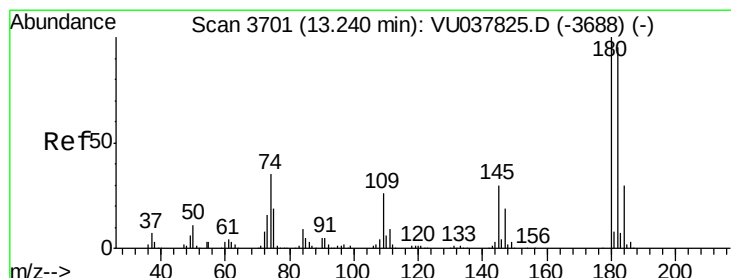
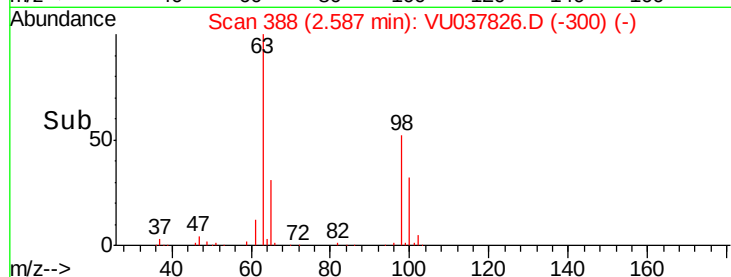
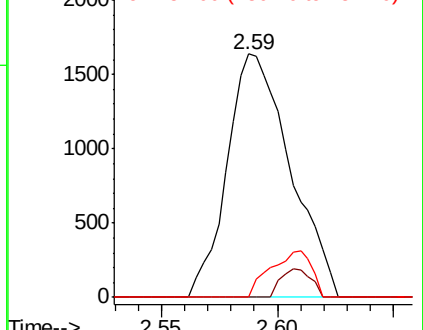
151 12.5 55.2 82.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#67

1,3,5-Trichlorobenzene

Concen: 0.884 ug/L

RT: 13.87 min Scan# 3896

Delta R.T. 0.63 min

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Tgt Ion:180 Resp: 5199

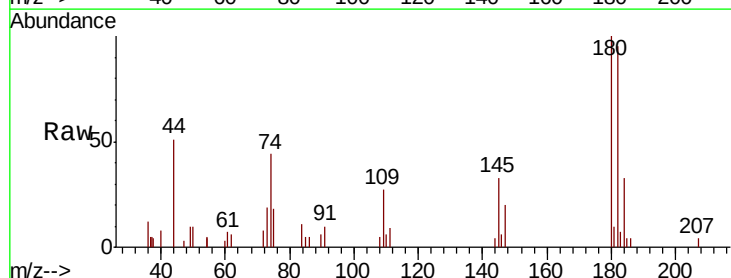
Ion Ratio Lower Upper

180 100

182 91.2 77.0 115.6

184 27.8 24.7 37.1

145 31.7 23.7 35.5

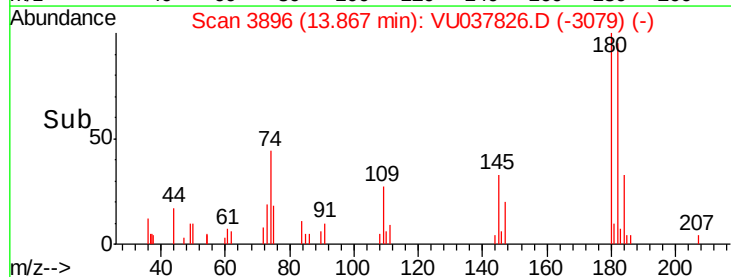
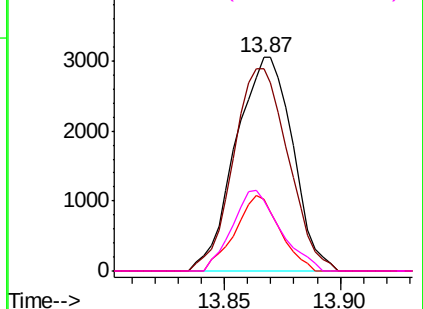


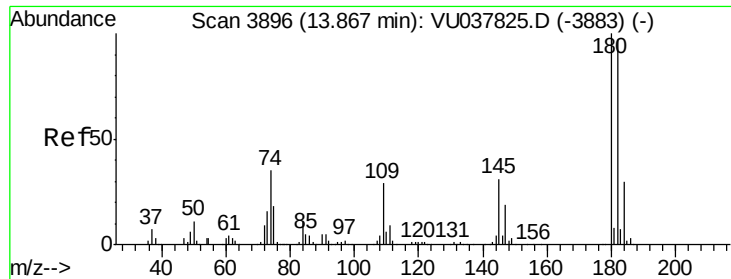
Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V

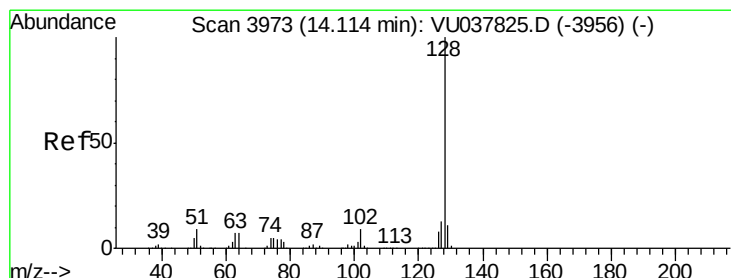
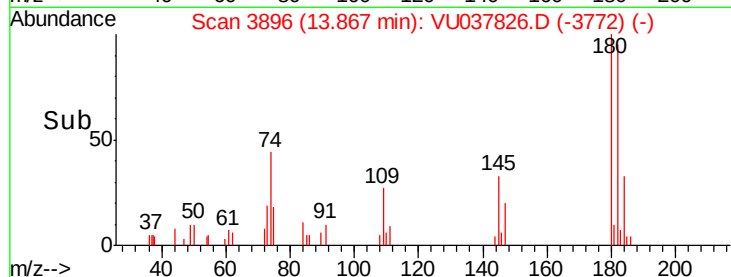
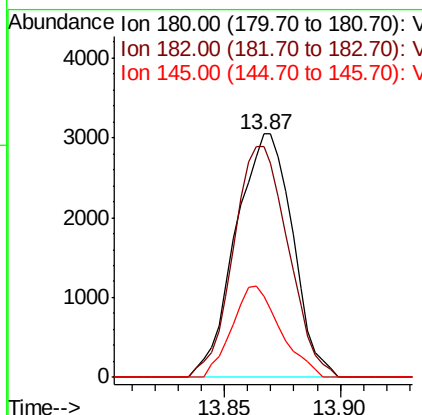
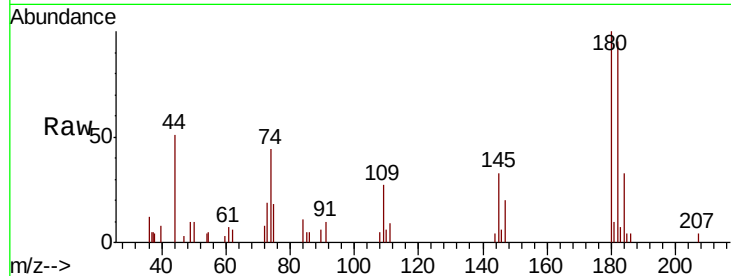




#68
 1,2,4-trichlorobenzene
 Concen: 0.929 ug/L
 RT: 13.87 min Scan# 3896
 Delta R.T. 0.00 min
 Lab File: VU037826.D
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Instrument :
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Tot Ion:180 Resp: 5199
 Ion Ratio Lower Upper
 180 100
 182 91.2 76.2 114.4
 145 31.7 24.3 36.5



#69
 Naphthalene
 Concen: 1.240 ug/L
 RT: 14.11 min Scan# 3973
 Delta R.T. 0.00 min
 Lab File: VU037826.D
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Tgt Ion:128 Resp: 24445
 Ion Ratio Lower Upper
 128 100
 127 12.8 10.7 16.1
 129 10.3 8.6 13.0

