

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053120\
 Data File : VU038453.D
 Acq On : 31 May 2020 07:23
 Operator : JC/MD
 Sample : L2788-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXB9

Manual Integrations
 APPROVED

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Quant Time: Jun 01 08:24:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 01 06:27:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	317563	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	308534	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	146728	5.00	ug/L	0.00

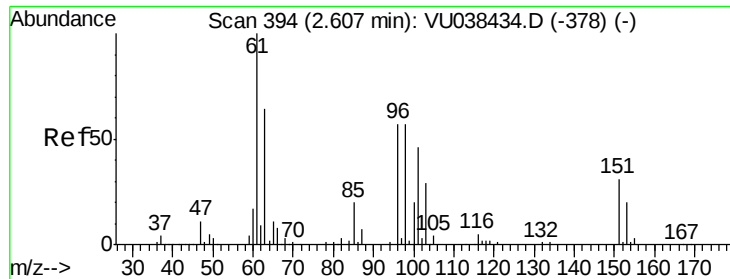
System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	93976	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.93	69	79038	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.00%
11) 1,1-Dichloroethene-d2	2.59	63	141102	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	4.68	46	363539	58.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.46%
24) Chloroform-d	5.10	84	194753	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.74	65	116710	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.40%
32) Benzene-d6	5.76	84	384319	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.72	67	120074	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.92	98	315933	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	8.20	79	46385	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	8.66	63	306256	60.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.76%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	108133	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	132535	5.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.80%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	4633	0.241 ug/L	# 78
13) Acetone	2.68	43	7481m	1.831 ug/L	
22) cis-1,2-Dichloroethene	4.71	96	29170	1.285 ug/L	100
34) Trichloroethene	6.57	95	39220	1.756 ug/L	94
47) Tetrachloroethene	8.57	164	13736	0.847 ug/L	89

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



#10

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

Concen: 0.241 ug/L

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

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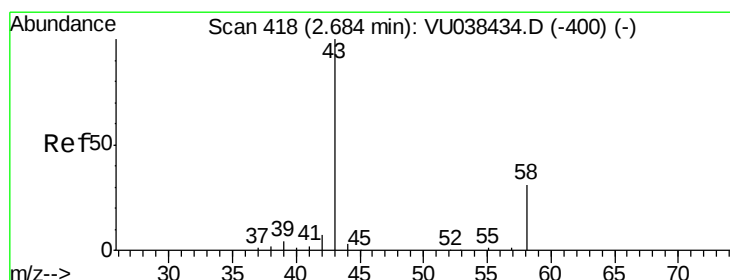
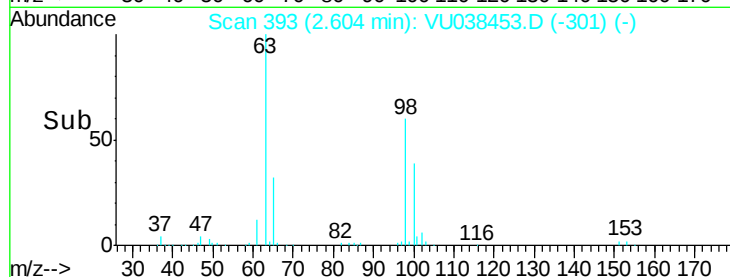
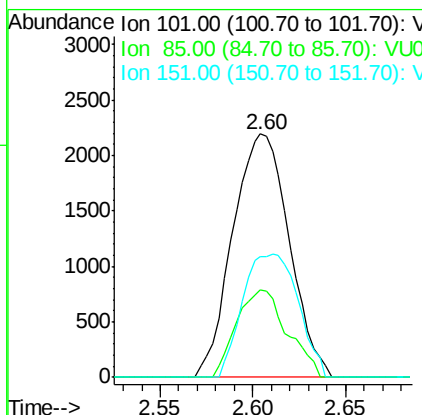
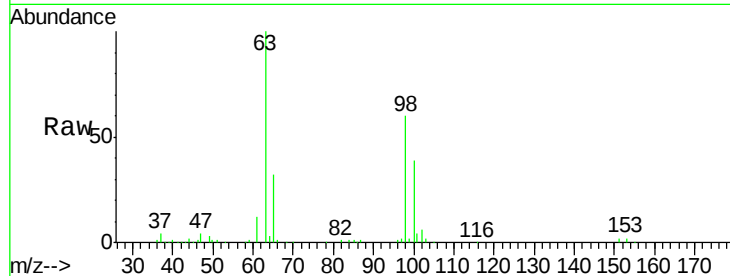
ClientSampled :

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Tot Ion:	101	Resp:	4633
Ion Ratio	Lower	Upper	
101	100		
85	32.5	34.0	51.0#
151	49.9	56.9	85.3#

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#13

Acetone

Concen: 1.831 ug/L m

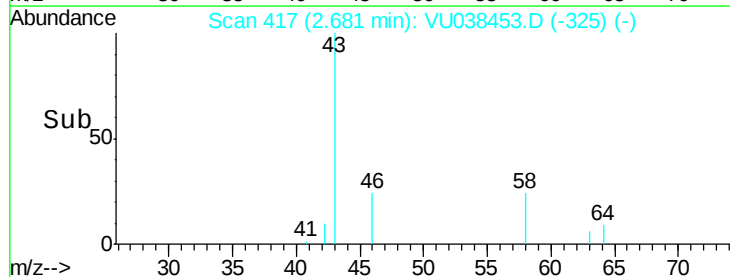
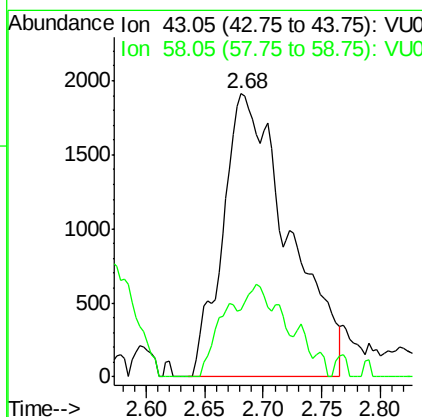
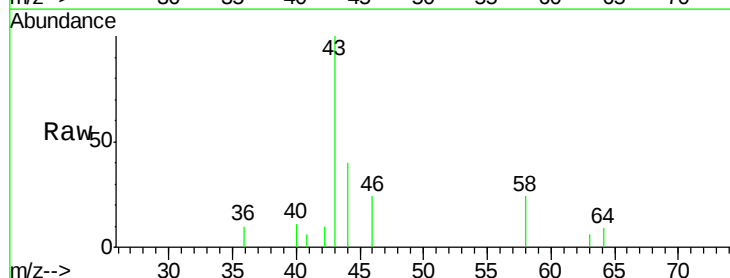
RT: 2.68 min Scan# 417

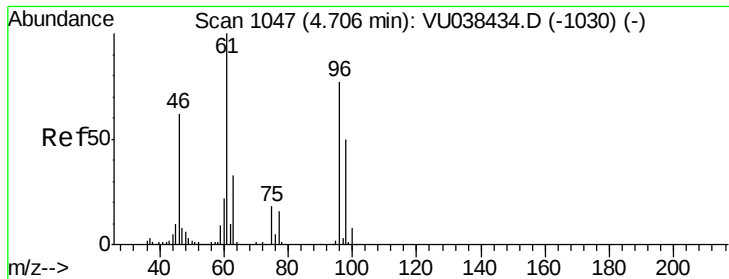
Delta R.T. -0.00 min

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Tgt Ion:	43	Resp:	7481
Ion Ratio	Lower	Upper	
43	100		
58	8.9	0.0	65.6





#22

cis-1,2-Dichloroethene

Concen: 1.285 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU038453.D

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Instrument :

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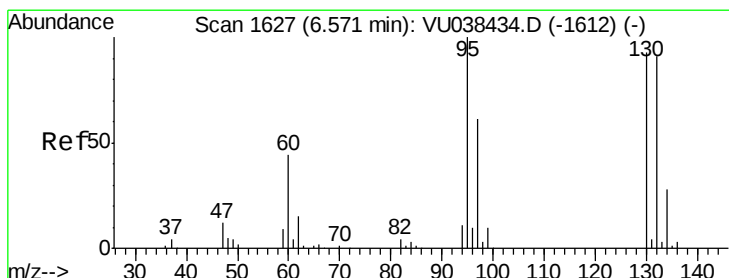
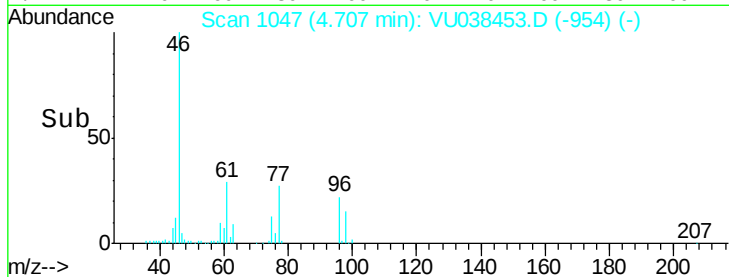
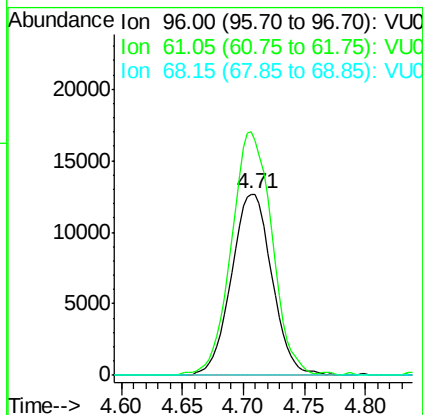
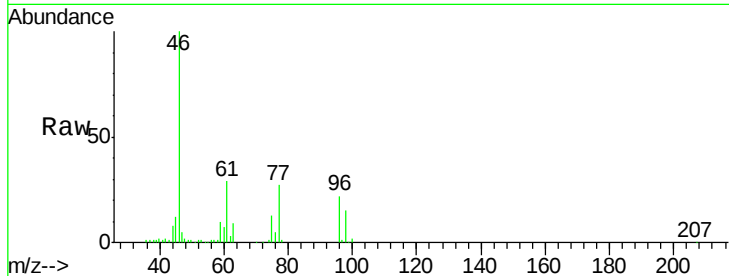
ClientSampleId :

BFXB9

Tot Ion:	96	Resp:	29170
Ion	Ratio	Lower	Upper
96	100		
61	134.5	94.0	174.6
68	0.0	0.0	0.0

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#34

Trichloroethene

Concen: 1.756 ug/L

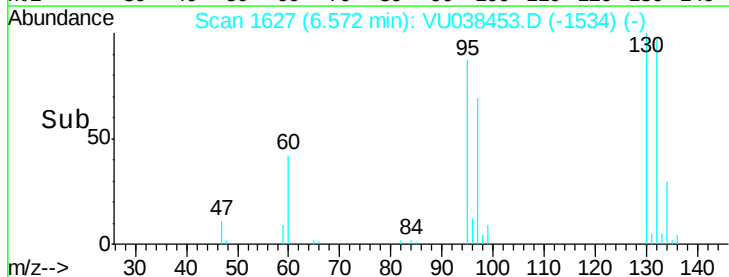
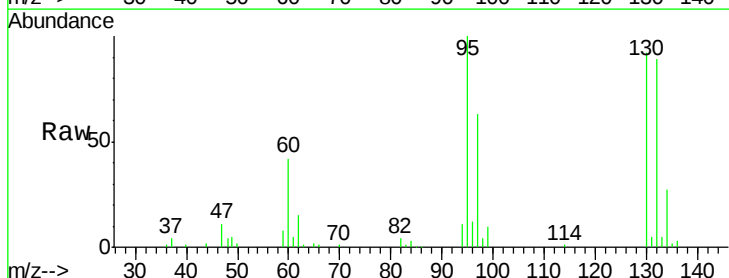
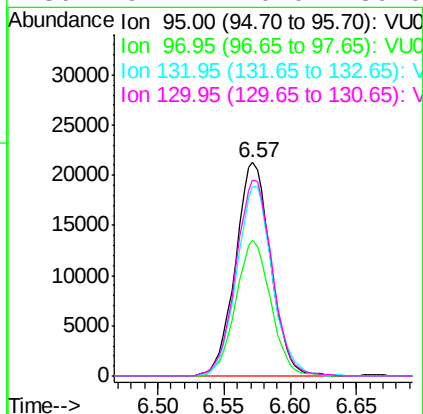
RT: 6.57 min Scan# 1627

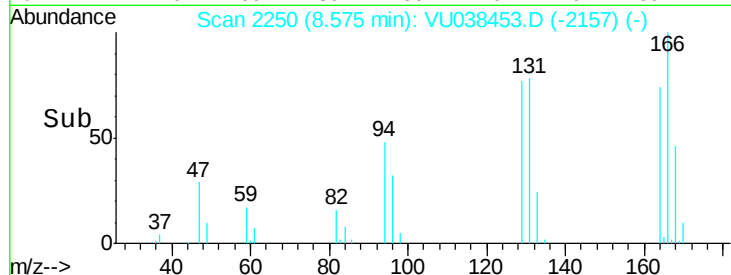
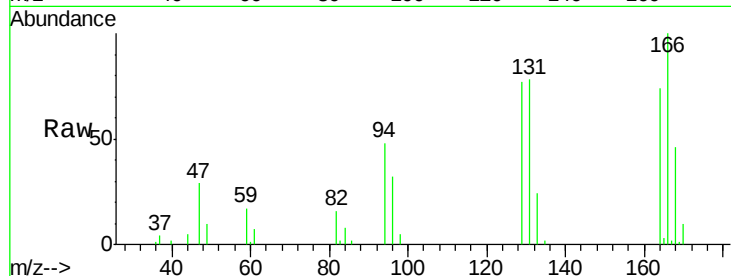
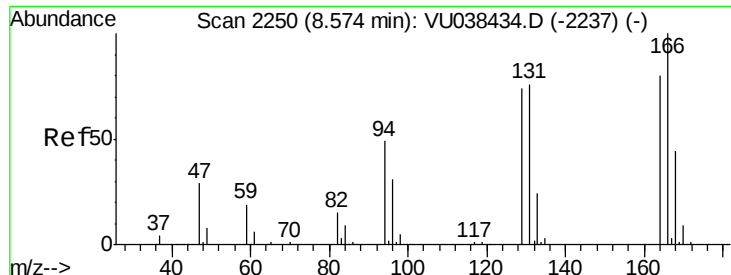
Delta R.T. 0.00 min

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Tgt Ion:	95	Resp:	39220
Ion	Ratio	Lower	Upper
95	100		
97	63.3	46.8	87.0
132	88.9	66.1	122.7
130	91.7	70.0	130.0





#47

Tetrachloroethene

Concen: 0.847 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. 0.00 min

Lab File: VU038453.D

Acq: 31 May 2020 07:23

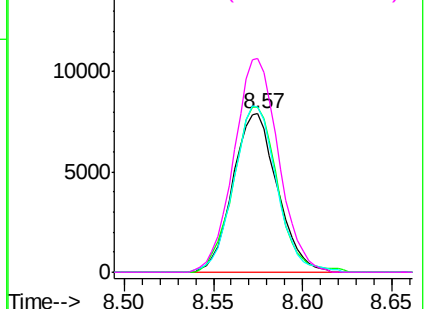
Tot Ion:	164	Resp:	13736
Ion Ratio	Lower	Upper	
164	100		
129	104.0	67.4	125.2
131	104.4	64.1	119.1
166	134.7	85.7	159.1

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



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