

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060420\
 Data File : VU038532.D
 Acq On : 03 Jun 2020 22:26
 Operator : SY/MD
 Sample : L2872-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFEN6

Quant Time: Jun 04 04:48:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 04 01:48:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	284621	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	280655	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	136036	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	52353	2.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.80%
7) Chloroethane-d5	1.93	69	56842	4.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.40%
11) 1,1-Dichloroethene-d2	2.59	63	94788	2.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.20%#
20) 2-Butanone-d5	4.67	46	344165	61.50	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.00%
24) Chloroform-d	5.10	84	171669	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.74	65	105975	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
32) Benzene-d6	5.76	84	327795	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.72	67	105713	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.92	98	267554	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
43) trans-1,3-Dichloropropene-	8.20	79	41711	4.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.00%
46) 2-Hexanone-d5	8.65	63	297199	64.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	129.90%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	103232	5.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	123112	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

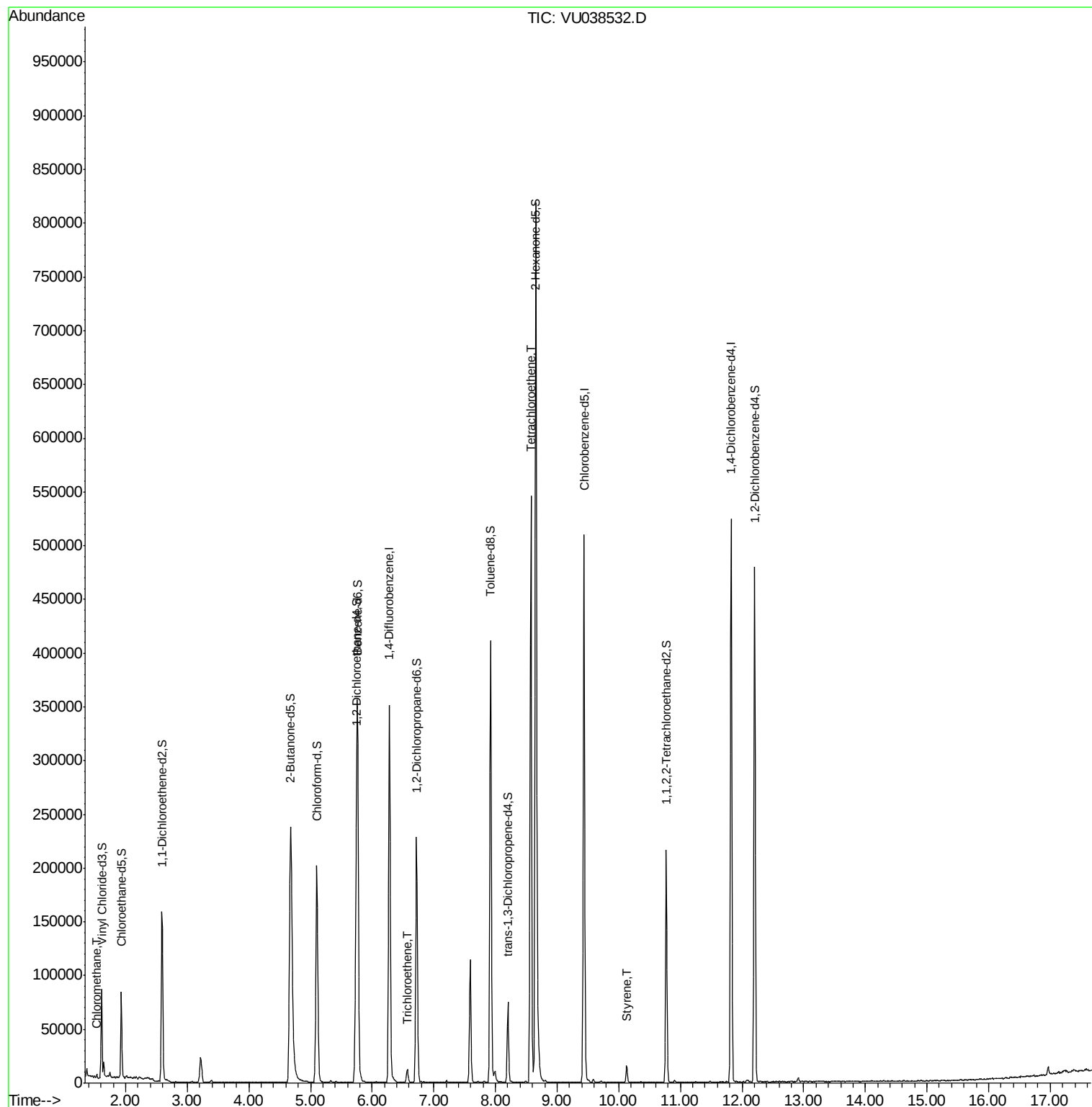
					Ovalue
3) Chloromethane	1.53	50	2930	0.142 ug/L	92
34) Trichloroethene	6.57	95	3484	0.172 ug/L	94
47) Tetrachloroethene	8.57	164	122102	8.274 ug/L	96
55) Styrene	10.13	104	7350	0.128 ug/L	99

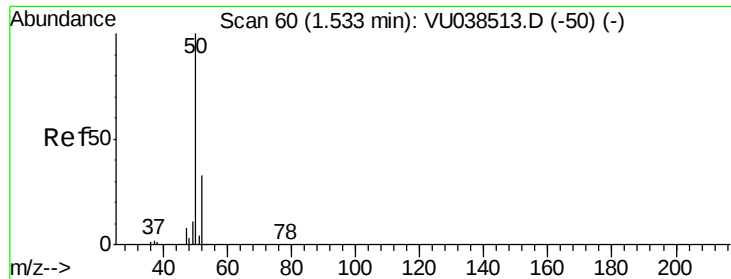
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.142 ug/L

RT: 1.53 min Scan# 60

Delta R.T. -0.00 min

Lab File: VU038532.D

Acq: 03 Jun 2020 22:26

Instrument :

MSVOA_U

ClientSampled :

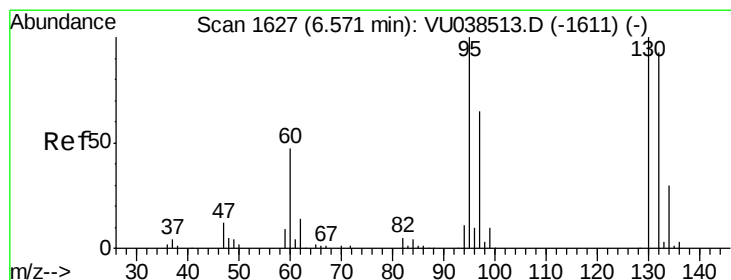
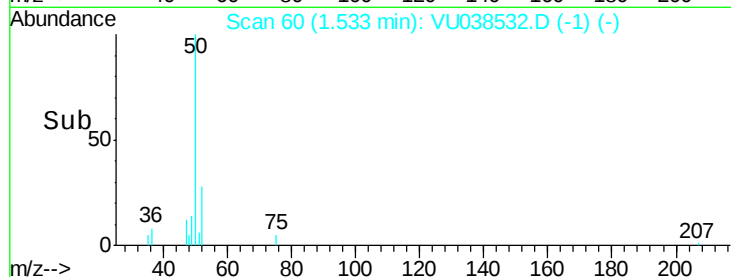
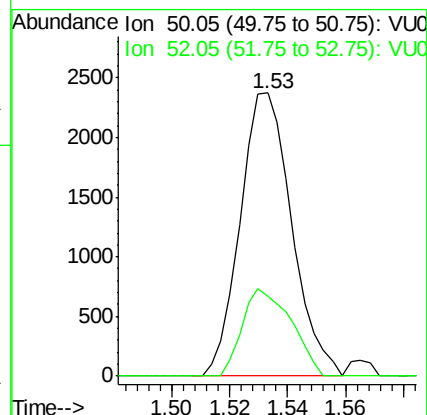
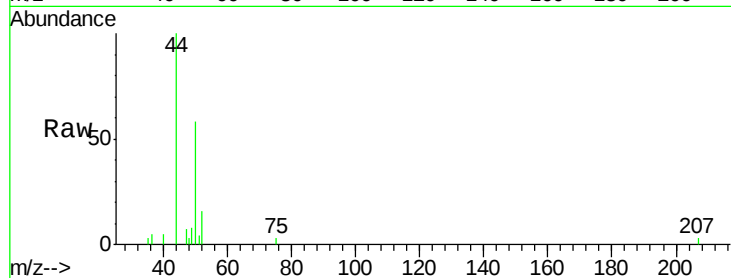
BFEN6

Tot Ion: 50 Resp: 2930

Ion Ratio Lower Upper

50 100

52 28.2 22.9 42.5



#34

Trichloroethene

Concen: 0.172 ug/L

RT: 6.57 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VU038532.D

Acq: 03 Jun 2020 22:26

Tgt Ion: 95 Resp: 3484

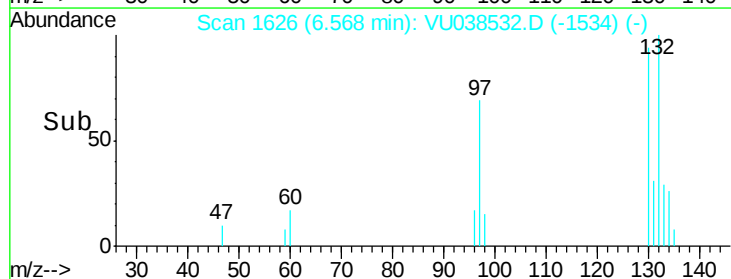
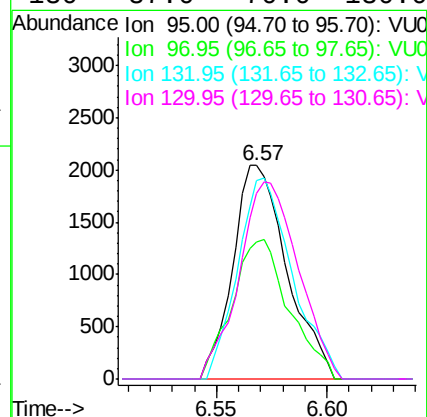
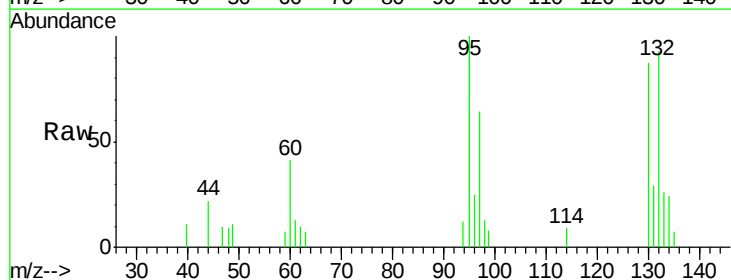
Ion Ratio Lower Upper

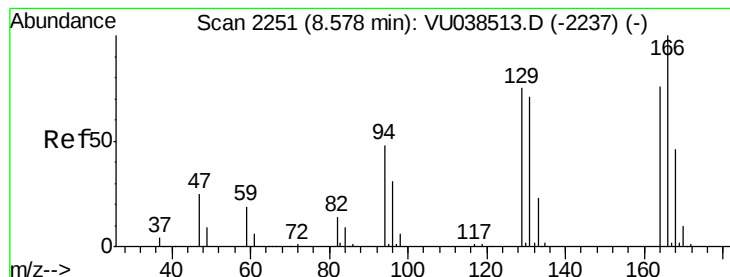
95 100

97 64.3 46.8 87.0

132 92.7 66.1 122.7

130 87.0 70.0 130.0





#47

Tetrachloroethene

Concen: 8.274 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU038532.D

Acq: 03 Jun 2020 22:26

Instrument :

MSVOA_U

ClientSampleId :

BFEN6

Tot Ion:164 Resp: 122102

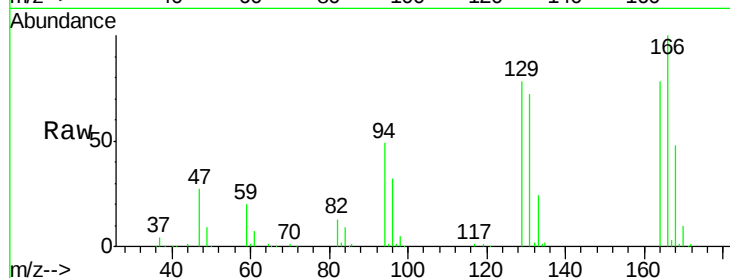
Ion Ratio Lower Upper

164 100

129 99.8 67.4 125.2

131 92.3 64.1 119.1

166 128.8 85.7 159.1

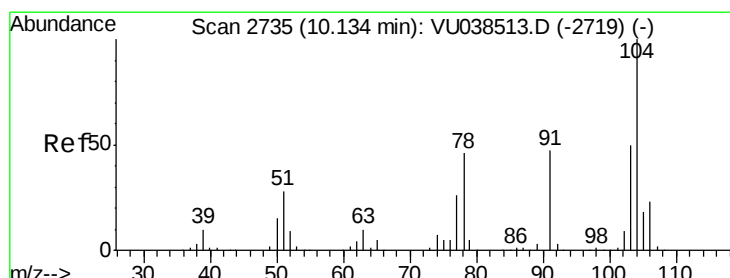
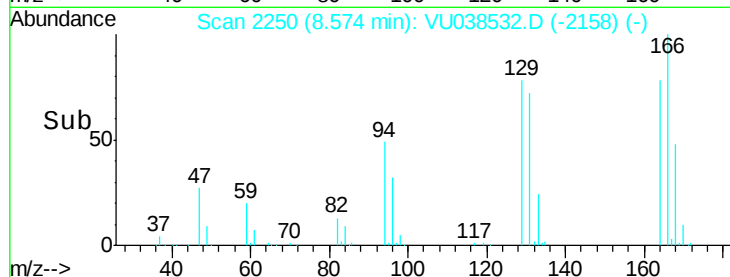
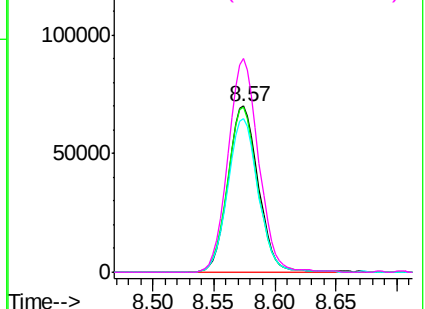


Abundance Ion 163.90 (163.60 to 164.60): V

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



#55

Styrene

Concen: 0.128 ug/L

RT: 10.13 min Scan# 2733

Delta R.T. -0.01 min

Lab File: VU038532.D

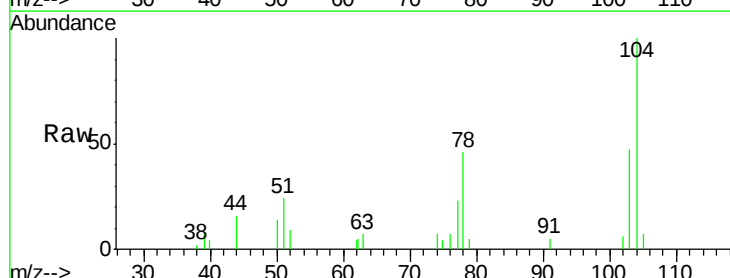
Acq: 03 Jun 2020 22:26

Tgt Ion:104 Resp: 7350

Ion Ratio Lower Upper

104 100

78 46.0 31.9 59.3



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VU0

