

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032820\
 Data File : VU037441.D
 Acq On : 29 Mar 2020 02:04
 Operator : JC/MD
 Sample : L2001-02MS
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAW6MS

Quant Time: Mar 30 03:42:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Mar 30 03:07:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	112648	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	107010	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	54217	5.00	ug/L	0.00

System Monitoring Compounds

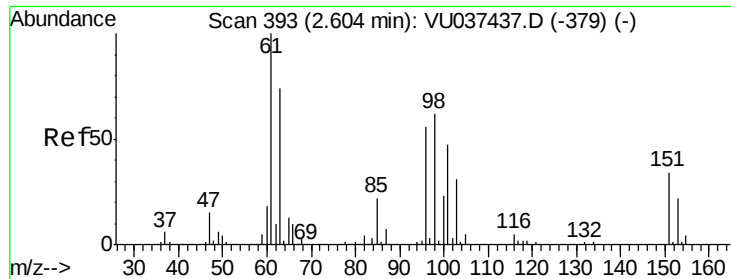
4) Vinyl Chloride-d3	1.61	65	36697	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.93	69	33604	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.80%
11) 1,1-Dichloroethene-d2	2.59	63	76064	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.60%
20) 2-Butanone-d5	4.66	46	110735	48.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.72%
24) Chloroform-d	5.10	84	65609	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.80%
26) 1,2-Dichloroethane-d4	5.74	65	43095	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.76	84	149530	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.72	67	47835	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.92	98	139930	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
43) trans-1,3-Dichloropropene-	8.20	79	21307	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.65	63	96219	50.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.60%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	39934	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	52862	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	2.60	96	31834	4.297 ug/L	91
25) Chloroform	5.13	83	18895	1.240 ug/L	96
31) Carbon tetrachloride	5.56	117	10360	0.892 ug/L	96
33) Benzene	5.81	78	143207	4.519 ug/L	100
34) Trichloroethene	6.57	95	40123	4.445 ug/L	97
42) Toluene	7.99	91	158496	4.641 ug/L	100
51) Chlorobenzene	9.47	112	101987	4.323 ug/L	97

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

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Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1



#12

1,1-Dichloroethene

Concen: 4.297 ug/L

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU037441.D

Acq: 29 Mar 2020 02:04

Instrument :

MSVOA_U

ClientSampleId :

GAWE6MS

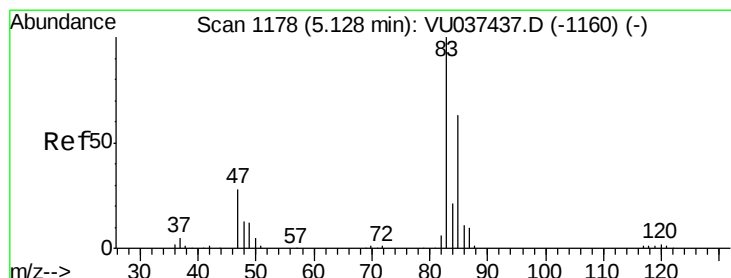
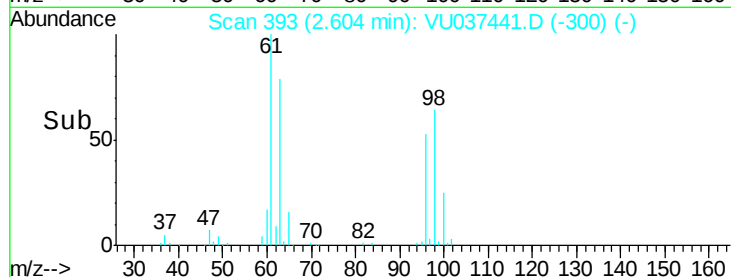
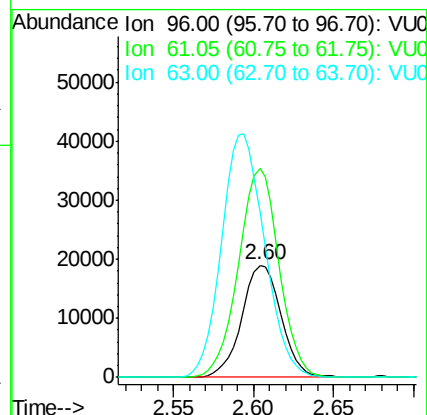
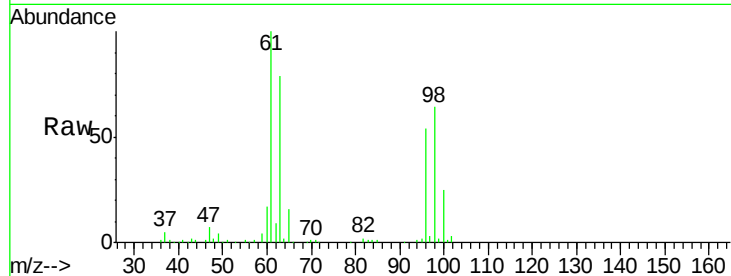
Tot Ion: 96 Resp: 31834

Ion Ratio Lower Upper

96 100

61 186.5 125.4 232.8

63 146.8 90.9 168.7



#25

Chloroform

Concen: 1.240 ug/L

RT: 5.13 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VU037441.D

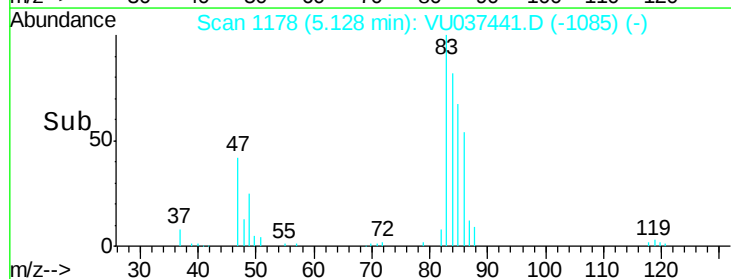
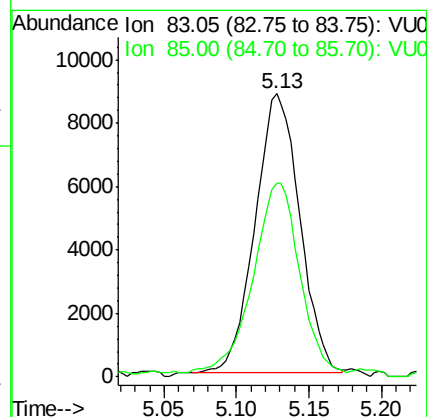
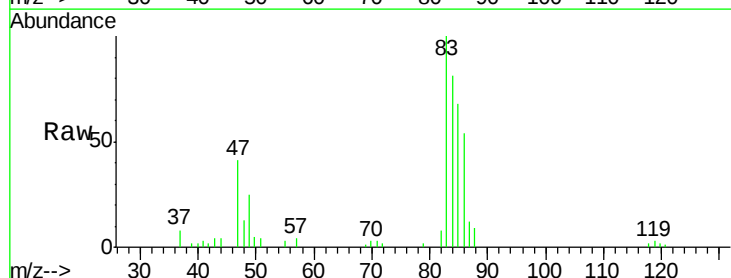
Acq: 29 Mar 2020 02:04

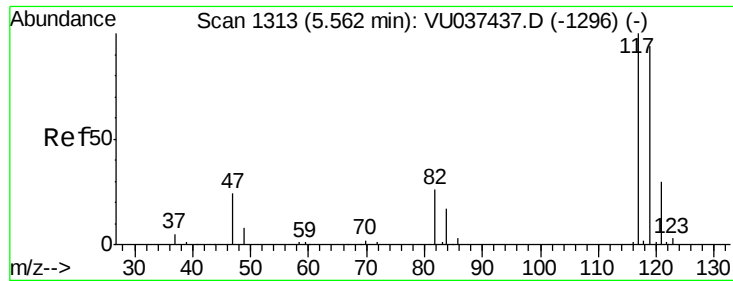
Tgt Ion: 83 Resp: 18895

Ion Ratio Lower Upper

83 100

85 68.4 45.4 84.4





#31

Carbon tetrachloride

Concen: 0.892 ug/L

RT: 5.56 min Scan# 1312

Delta R.T. -0.00 min

Lab File: VU037441.D

Acq: 29 Mar 2020 02:04

Instrument :

MSVOA_U

ClientSampled :

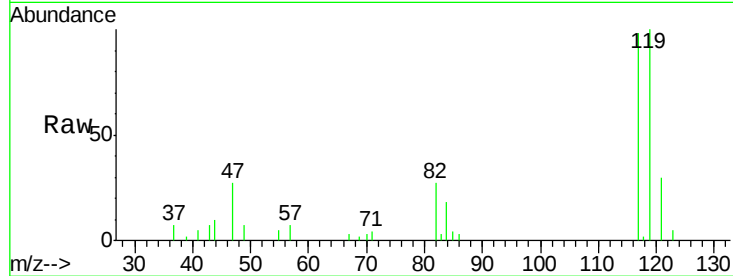
GAWE6MS

Tot Ion:117 Resp: 10360

Ion Ratio Lower Upper

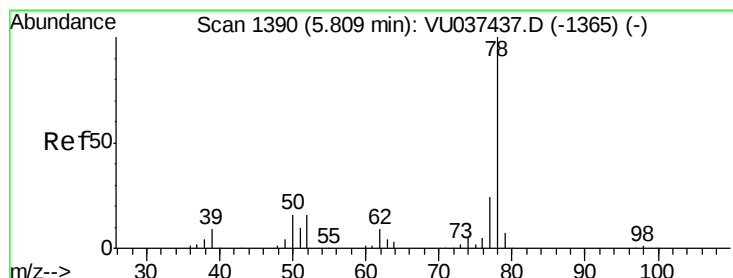
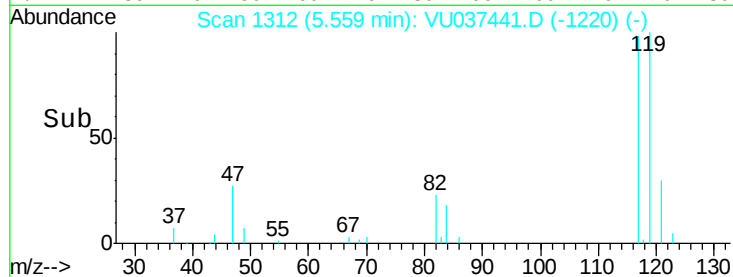
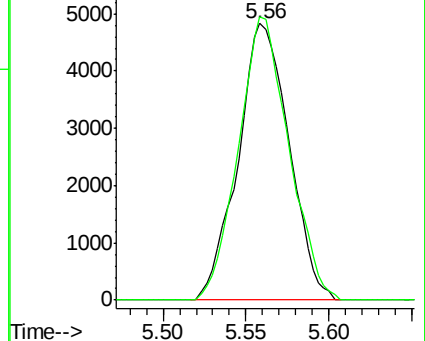
117 100

119 101.0 77.7 116.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 4.519 ug/L

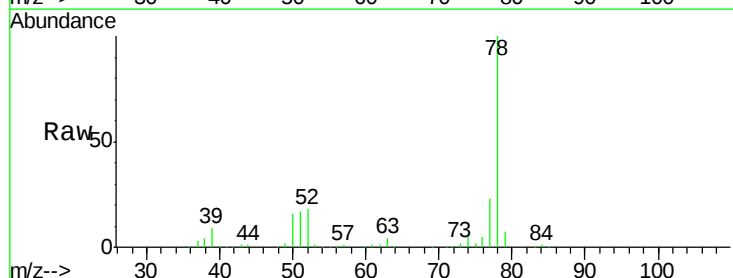
RT: 5.81 min Scan# 1390

Delta R.T. 0.00 min

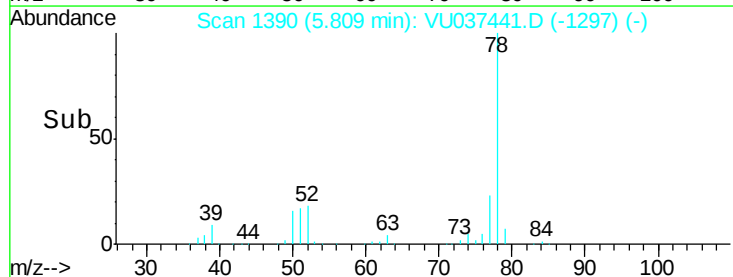
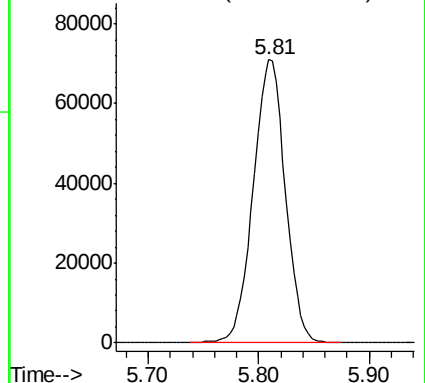
Lab File: VU037441.D

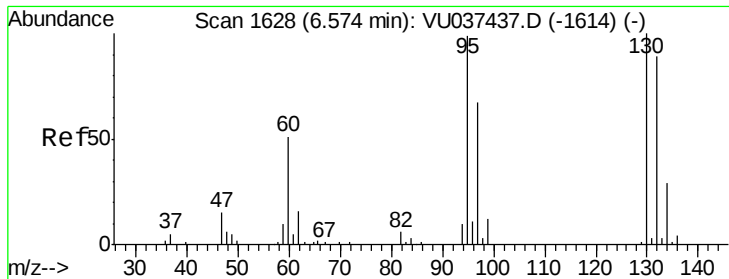
Acq: 29 Mar 2020 02:04

Tgt Ion: 78 Resp: 143207



Abundance Ion 78.10 (77.80 to 78.80): VU0





#34

Trichloroethene

Concen: 4.445 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU037441.D

Acq: 29 Mar 2020 02:04

Instrument :

MSVOA_U

ClientSampleId :

GAWE6MS

Tot Ion: 95 Resp: 40123

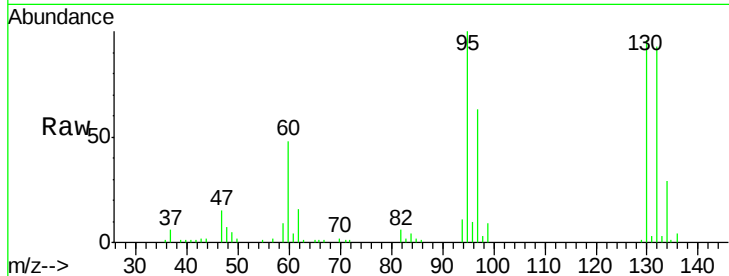
Ion Ratio Lower Upper

95 100

97 63.2 45.3 84.1

132 92.9 62.7 116.5

130 96.0 69.1 128.3

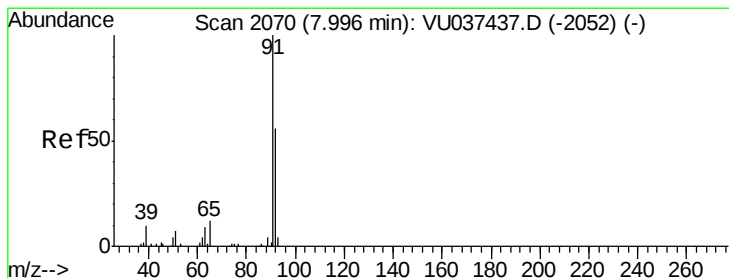
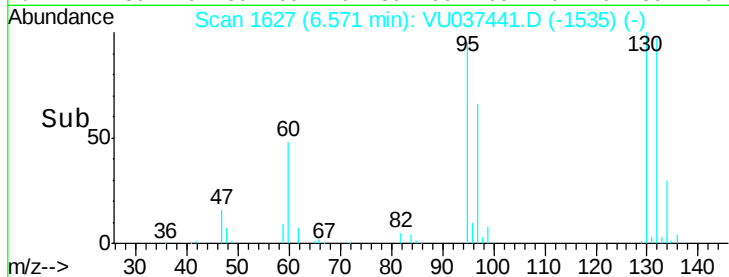
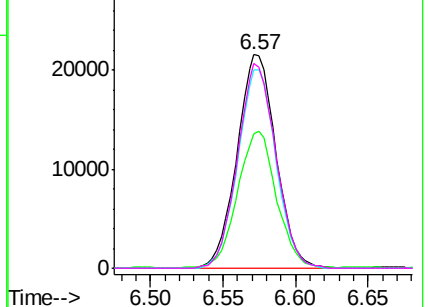


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#42

Toluene

Concen: 4.641 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: VU037441.D

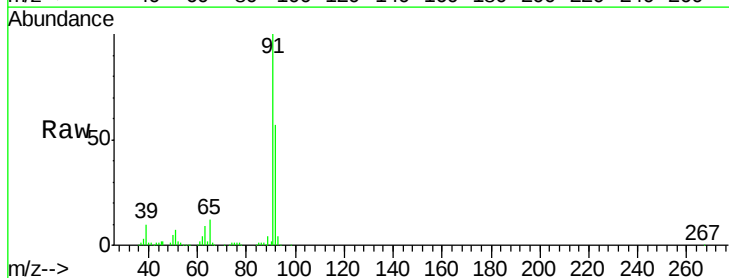
Acq: 29 Mar 2020 02:04

Tgt Ion: 91 Resp: 158496

Ion Ratio Lower Upper

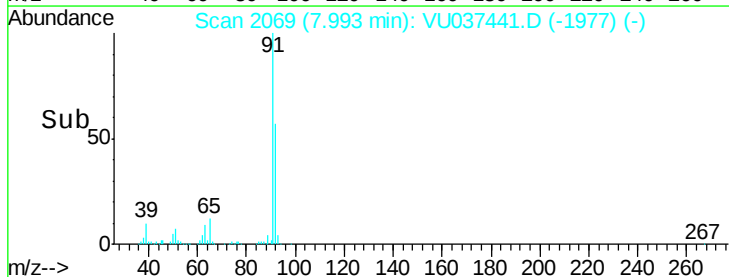
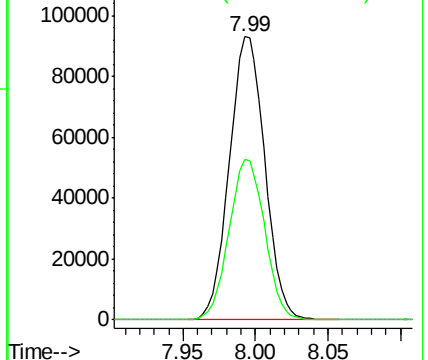
91 100

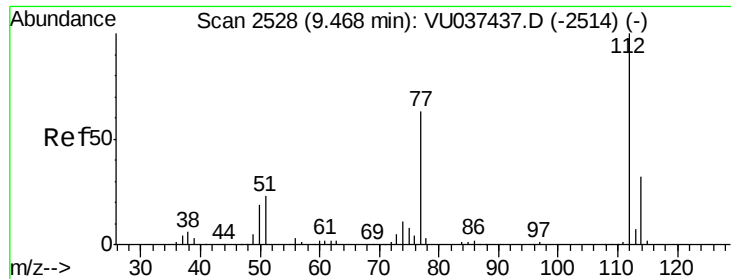
92 56.9 39.8 73.8



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

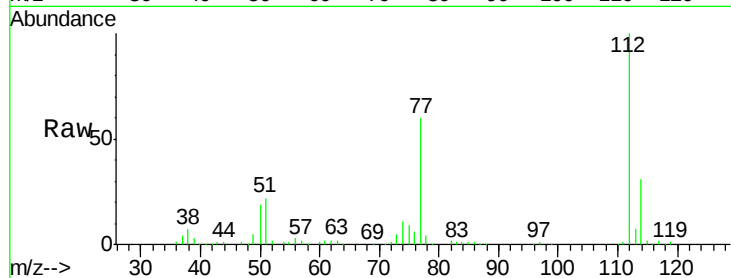




#51
 Chlorobenzene
 Concen: 4.323 ug/L
 RT: 9.47 min Scan# 2528
 Delta R.T. 0.00 min
 Lab File: VU037441.D
 Acq: 29 Mar 2020 02:04

Instrument :
 MSVOA_U
 ClientSampleId :
 GAWE6MS

Tot Ion:	112	Resp:	101987
Ion	Ratio	Lower	Upper
112	100		
114	31.3	22.4	41.6
77	59.6	50.5	75.7



Abundance Ion 112.10 (111.80 to 112.80): V
 Ion 114.05 (113.75 to 114.75): V
 Ion 77.10 (76.80 to 77.80): V

