

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032820\
 Data File : VU037421.D
 Acq On : 28 Mar 2020 16:57
 Operator : JC/MD
 Sample : L2002-03MS
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAWG6MS

Quant Time: Mar 30 01:09:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Mar 30 00:15:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	115836	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	110603	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	56188	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	40002	4.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.60%
7) Chloroethane-d5	1.93	69	33352	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.59	63	80457	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.40%
20) 2-Butanone-d5	4.67	46	114693	49.21	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.42%
24) Chloroform-d	5.10	84	78130	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.74	65	44968	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.76	84	155933	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.72	67	50802	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.92	98	145228	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
43) trans-1,3-Dichloropropene-	8.20	79	23983	4.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
46) 2-Hexanone-d5	8.66	63	99381	50.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.52%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	41716	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	56990	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

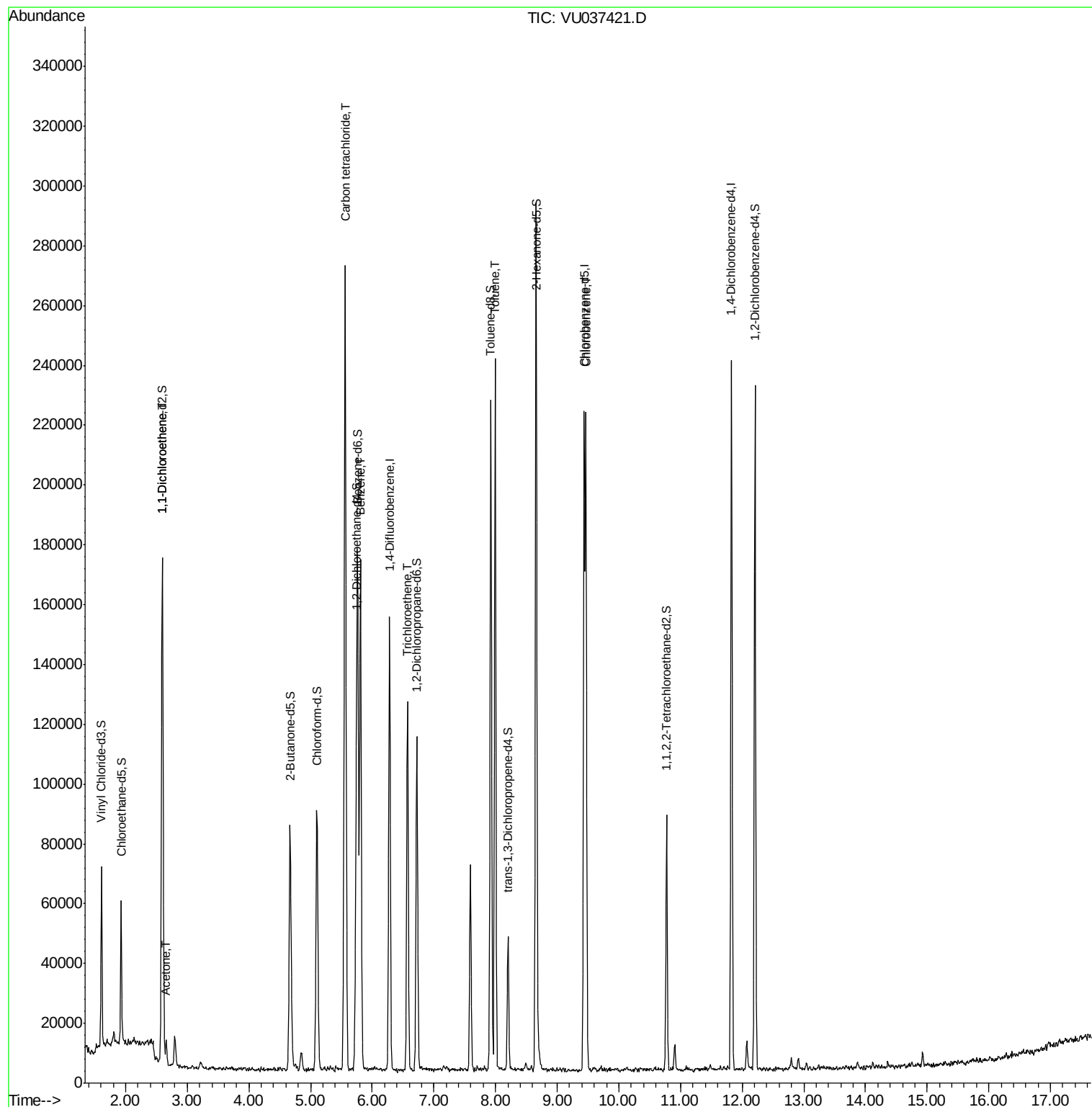
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.60	96	34084	4.474	ug/L	99
13) Acetone	2.66	43	8503	6.350	ug/L	93
31) Carbon tetrachloride	5.56	117	178927	14.907	ug/L	98
33) Benzene	5.81	78	155566	4.750	ug/L	100
34) Trichloroethene	6.57	95	41593	4.459	ug/L	96
42) Toluene	8.00	91	167469	4.744	ug/L	100
51) Chlorobenzene	9.47	112	104218	4.274	ug/L	100

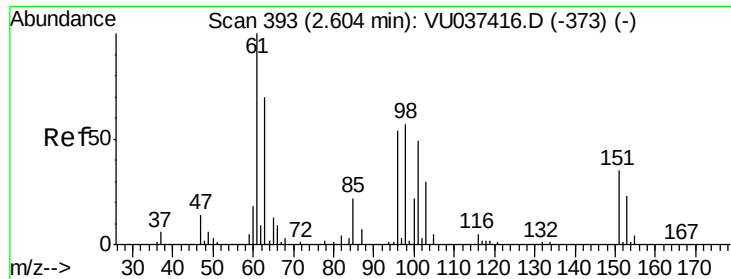
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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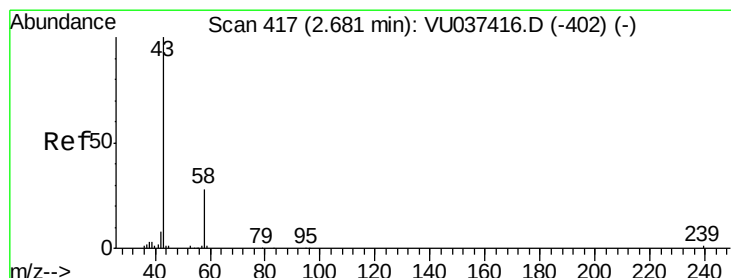
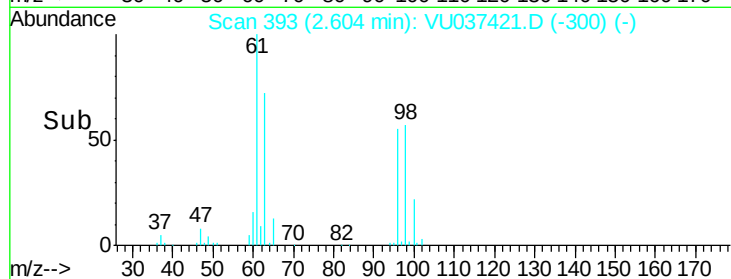
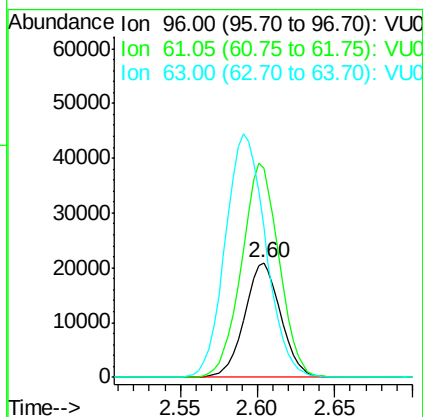
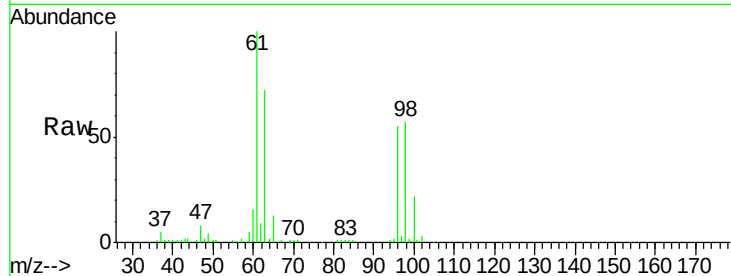




#12
 1,1-Dichloroethene
 Concen: 4.474 ug/L
 RT: 2.60 min Scan# 393
 Delta R.T. 0.00 min
 Lab File: VU037421.D
 Acq: 28 Mar 2020 16:57

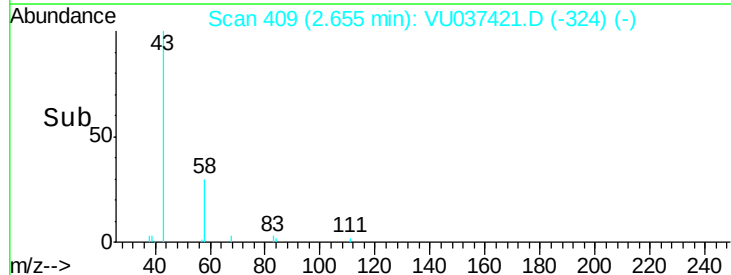
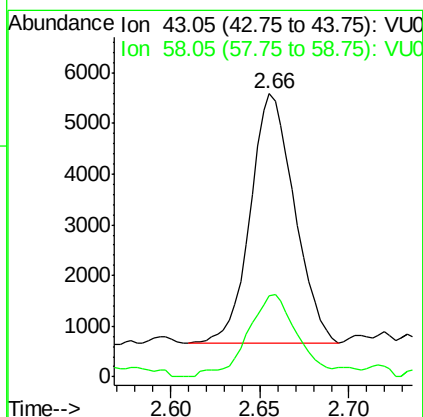
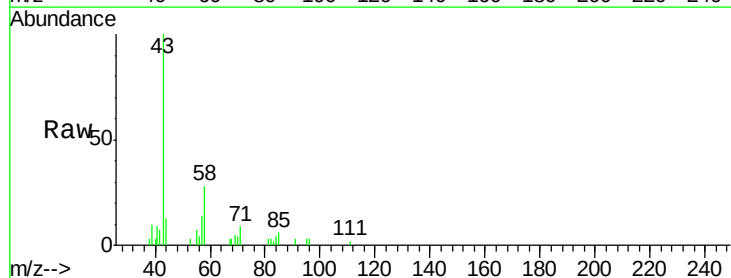
Instrument :
 MSVOA_U
 ClientSampleID :
 GAWG6MS

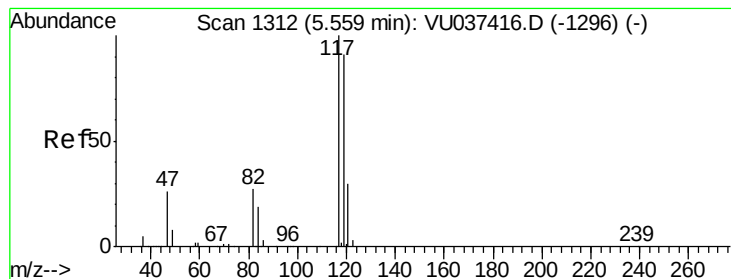
Tot Ion	Resp	Lower	Upper
96	100		
61	181.9	125.4	232.8
63	130.6	90.9	168.7



#13
 Acetone
 Concen: 6.350 ug/L
 RT: 2.66 min Scan# 409
 Delta R.T. -0.03 min
 Lab File: VU037421.D
 Acq: 28 Mar 2020 16:57

Tgt Ion	Resp	Lower	Upper
43	100		
58	37.0	0.0	66.0





#31

Carbon tetrachloride

Concen: 14.907 ug/L

RT: 5.56 min Scan# 1313

Delta R.T. 0.00 min

Lab File: VU037421.D

Acq: 28 Mar 2020 16:57

Instrument :

MSVOA_U

ClientSampleId :

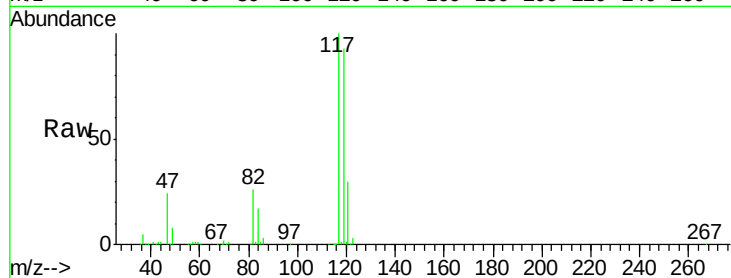
GAWG6MS

Tot Ion:117 Resp: 178927

Ion Ratio Lower Upper

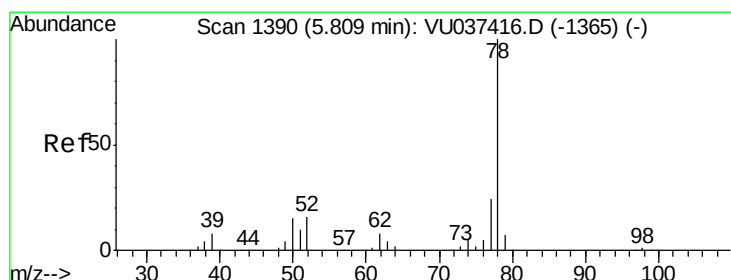
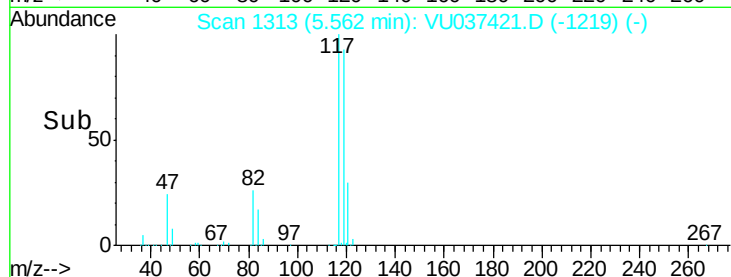
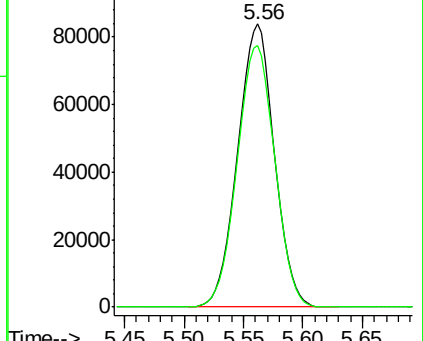
117 100

119 95.0 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: 4.750 ug/L

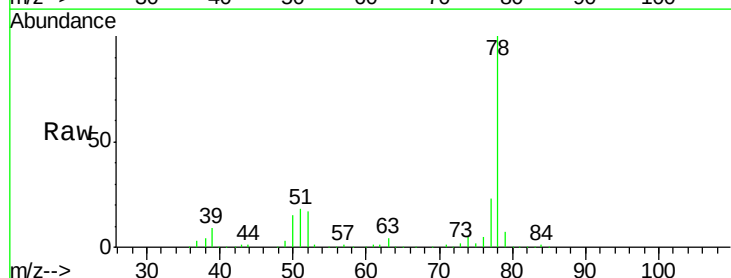
RT: 5.81 min Scan# 1390

Delta R.T. 0.00 min

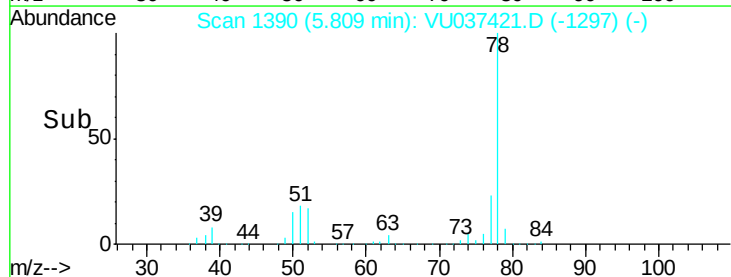
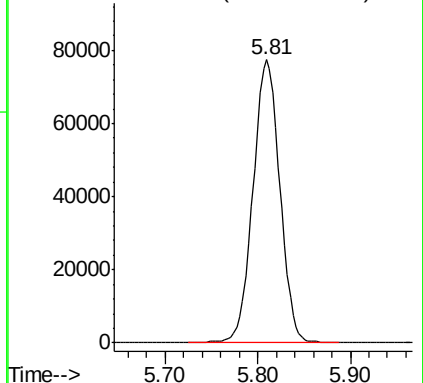
Lab File: VU037421.D

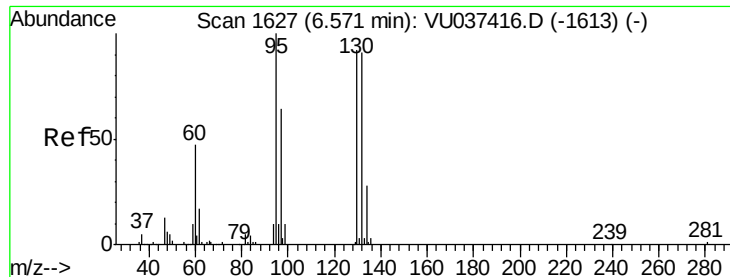
Acq: 28 Mar 2020 16:57

Tgt Ion: 78 Resp: 155566



Abundance Ion 78.10 (77.80 to 78.80): VU0





#34

Trichloroethene

Concen: 4.459 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU037421.D

Acq: 28 Mar 2020 16:57

Instrument :

MSVOA_U

ClientSampleId :

GAWG6MS

Tot Ion: 95 Resp: 41593

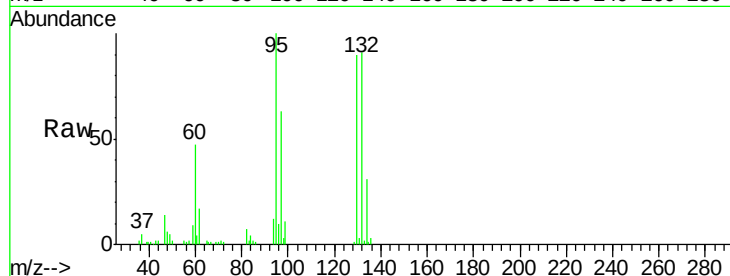
Ion Ratio Lower Upper

95 100

97 62.6 45.3 84.1

132 90.6 62.7 116.5

130 90.1 69.1 128.3

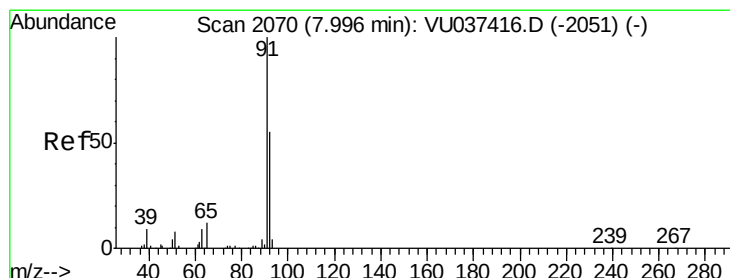
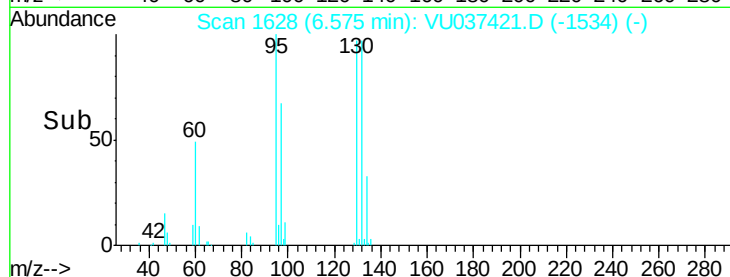
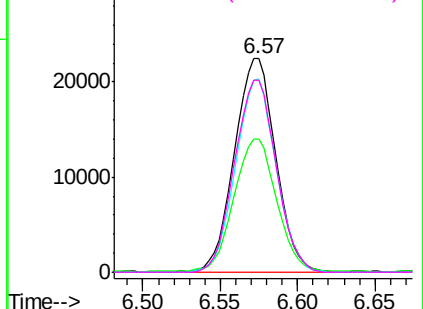


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 4.744 ug/L

RT: 8.00 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VU037421.D

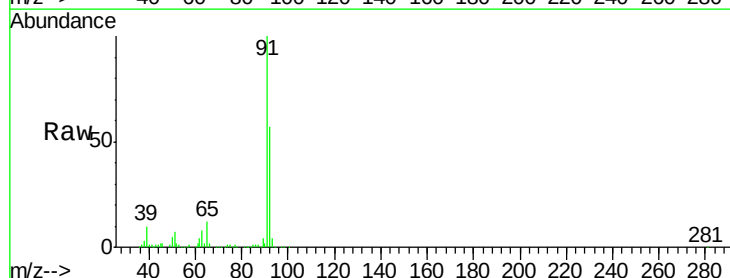
Acq: 28 Mar 2020 16:57

Tgt Ion: 91 Resp: 167469

Ion Ratio Lower Upper

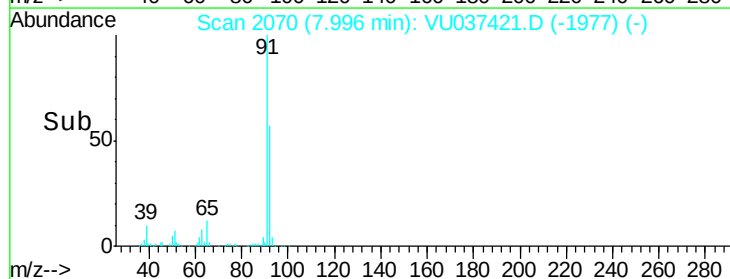
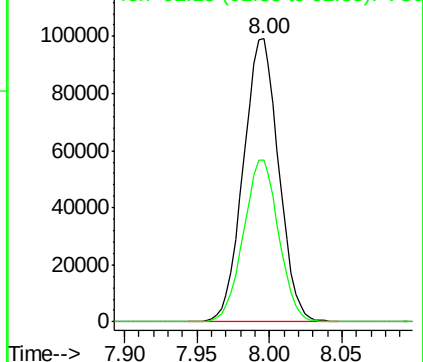
91 100

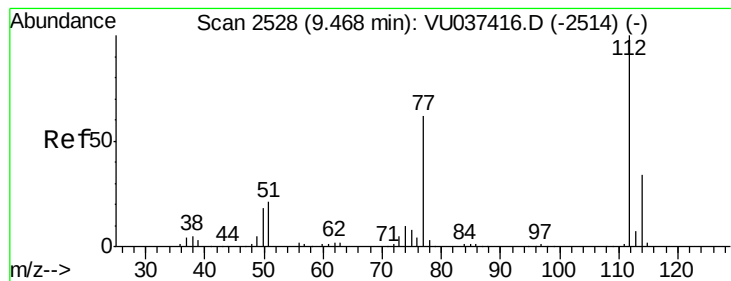
92 57.1 39.8 73.8



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0





#51

Chlorobenzene

Concen: 4.274 ug/L

RT: 9.47 min Scan# 2528

Delta R.T. 0.00 min

Lab File: VU037421.D

Acq: 28 Mar 2020 16:57

Instrument :

MSVOA_U

ClientSampleId :

GAWG6MS

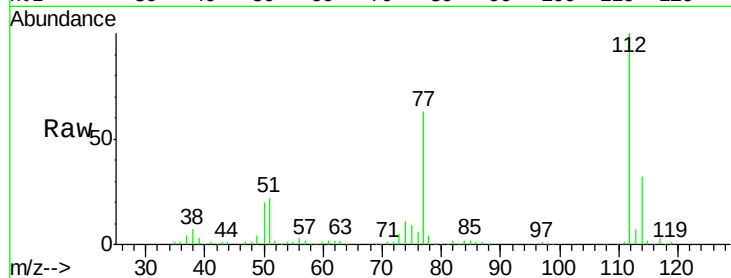
Tot Ion:112 Resp: 104218

Ion Ratio Lower Upper

112 100

114 32.4 22.4 41.6

77 63.2 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): VU0

