

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041520\
 Data File : VU037737.D
 Acq On : 15 Apr 2020 16:43
 Operator : JC/MD
 Sample : L2275-23MS
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAOB6MS

Quant Time: Apr 16 04:43:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 16 01:23:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	306697	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	297371	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	145163	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	88862	3.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.60%
7) Chloroethane-d5	1.93	69	80316	4.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.00%
11) 1,1-Dichloroethene-d2	2.59	63	162473	3.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.80%
20) 2-Butanone-d5	4.66	46	312271	48.99	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.98%
24) Chloroform-d	5.10	84	153209	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.80%
26) 1,2-Dichloroethane-d4	5.74	65	96356	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
32) Benzene-d6	5.76	84	334105	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
36) 1,2-Dichloropropane-d6	6.72	67	115052	4.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.00%
41) Toluene-d8	7.92	98	294434	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.80%
43) trans-1,3-Dichloropropene-	8.20	79	49526	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.65	63	274643	45.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.36%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	91141	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	112153	4.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.60%

Target Compounds

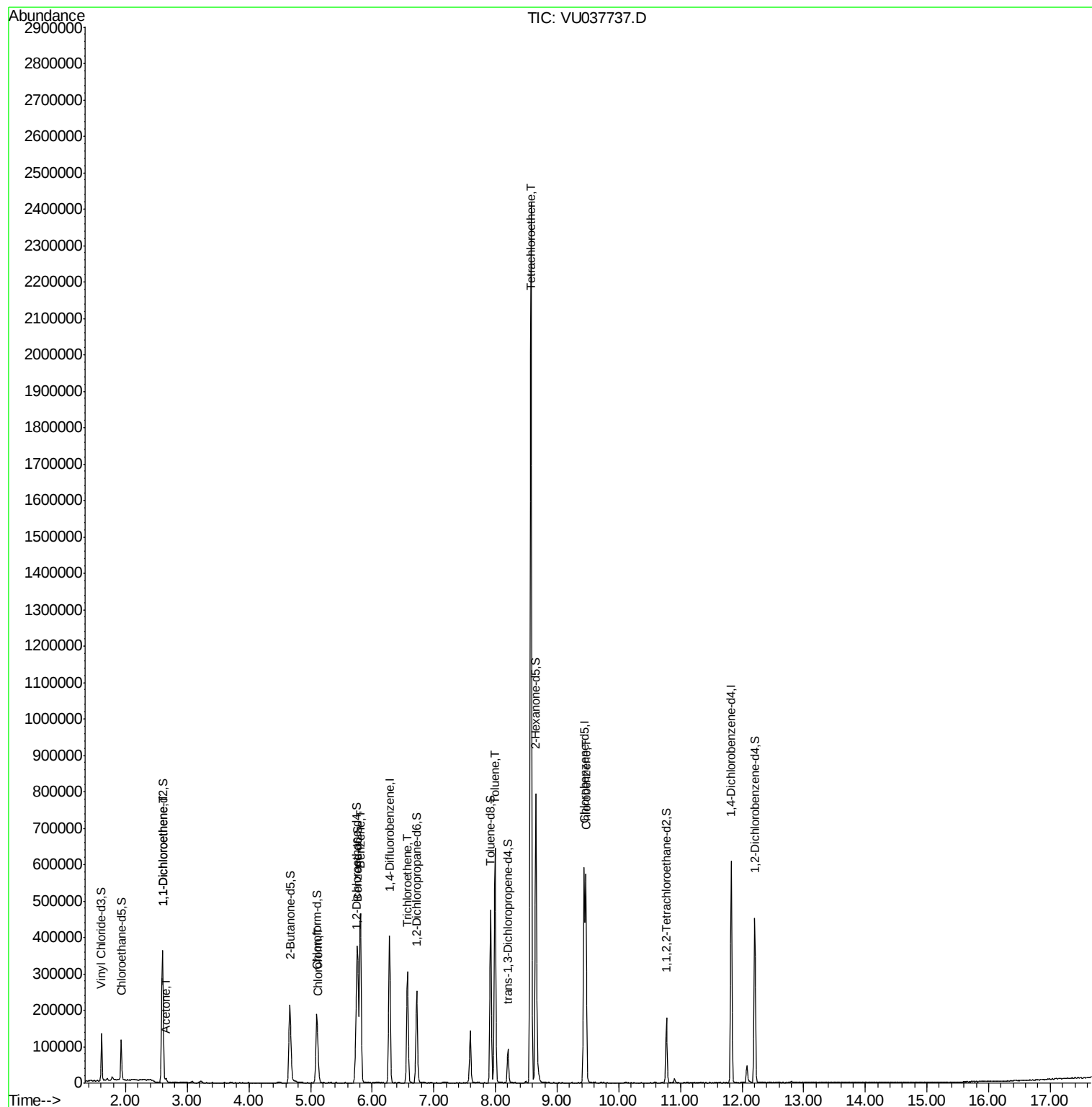
					Ovalue
12) 1,1-Dichloroethene	2.60	96	81402	3.846 ug/L	96
13) Acetone	2.66	43	12470	2.967 ug/L	95
25) Chloroform	5.13	83	18045	0.428 ug/L	93
33) Benzene	5.81	78	420014	4.275 ug/L	100
34) Trichloroethene	6.57	95	101695	4.212 ug/L	98
42) Toluene	7.99	91	445830	4.332 ug/L	100
47) Tetrachloroethene	8.57	164	504560	29.080 ug/L	99
51) Chlorobenzene	9.47	112	273430	4.354 ug/L	98

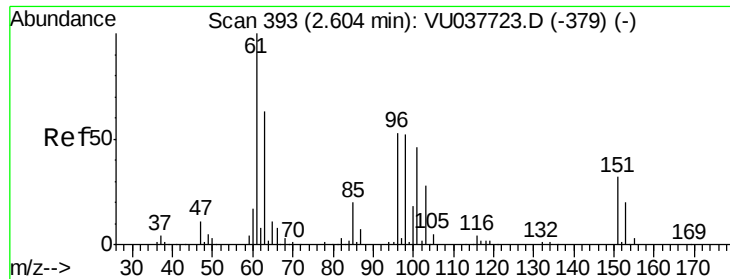
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 16 01:23:00 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 3.846 ug/L

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU037737.D

Acq: 15 Apr 2020 16:43

Instrument :

MSVOA_U

ClientSampleId :

YAOB6MS

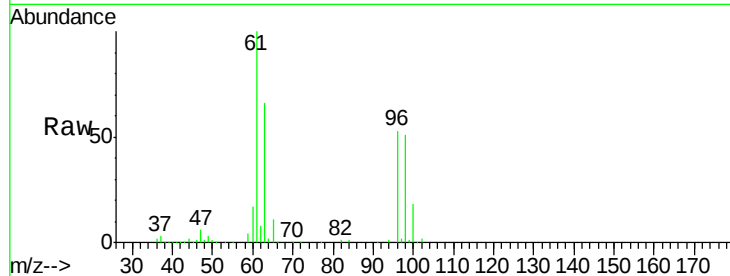
Tot Ion: 96 Resp: 81402

Ion Ratio Lower Upper

96 100

61 188.7 127.7 237.3

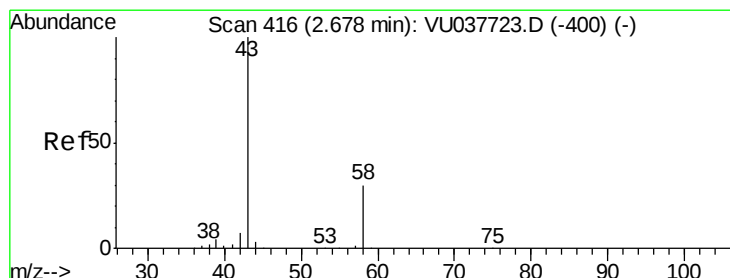
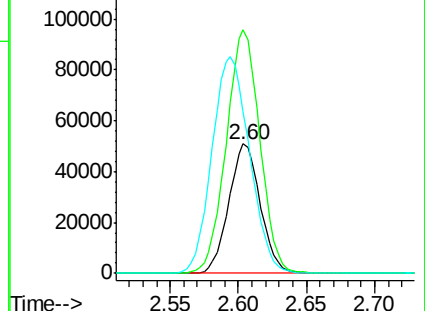
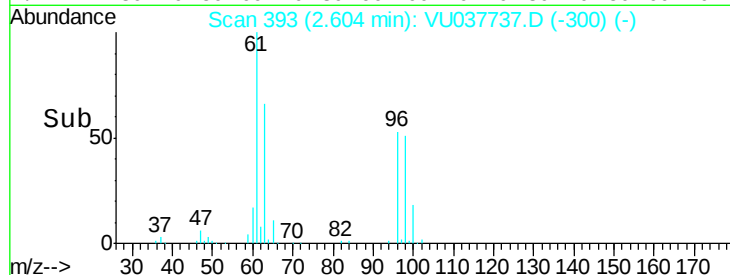
63 125.4 85.0 157.8



Abundance Ion 96.00 (95.70 to 96.70): VU037737.D (-300) (-)

Ion 61.05 (60.75 to 61.75): VU037737.D (-300) (-)

Ion 63.00 (62.70 to 63.70): VU037737.D (-300) (-)



#13

Acetone

Concen: 2.967 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.02 min

Lab File: VU037737.D

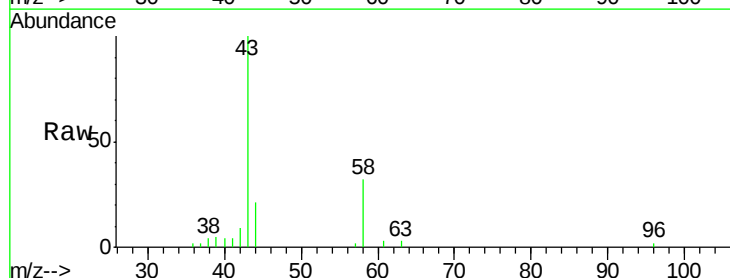
Acq: 15 Apr 2020 16:43

Tgt Ion: 43 Resp: 12470

Ion Ratio Lower Upper

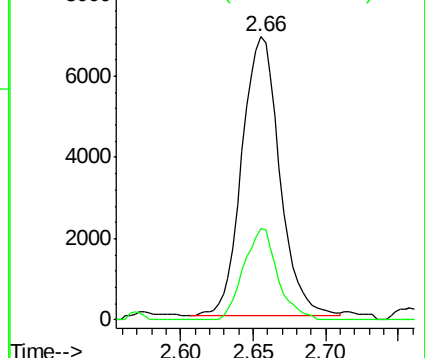
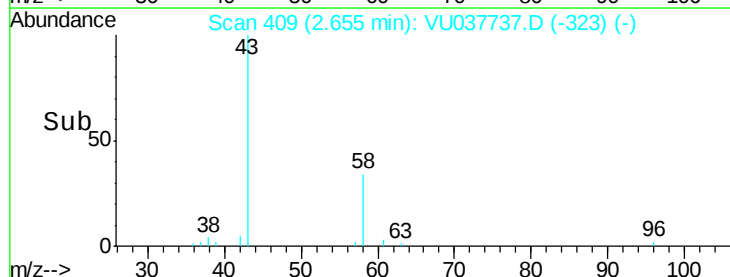
43 100

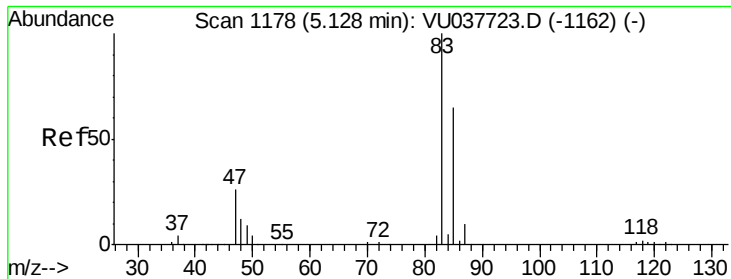
58 29.5 0.0 64.8



Abundance Ion 43.05 (42.75 to 43.75): VU037737.D (-323) (-)

Ion 58.05 (57.75 to 58.75): VU037737.D (-323) (-)

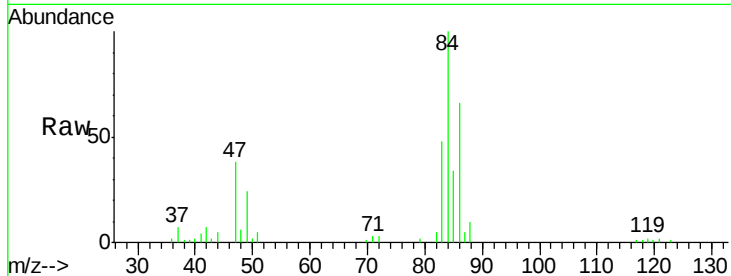




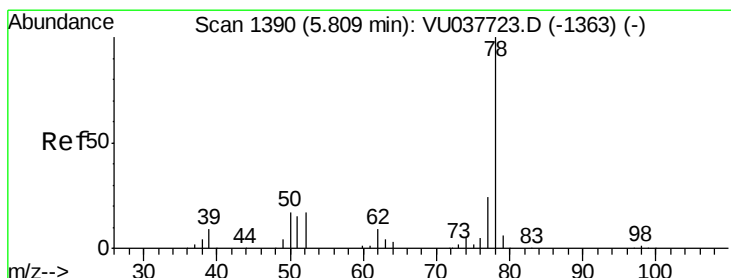
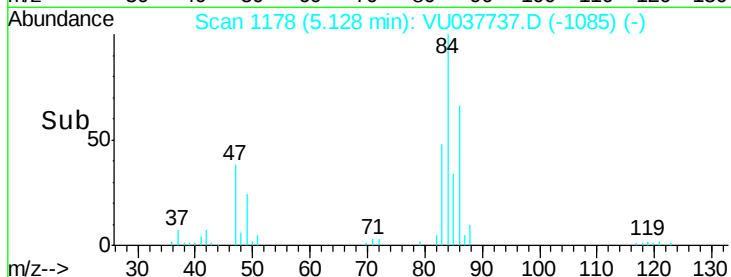
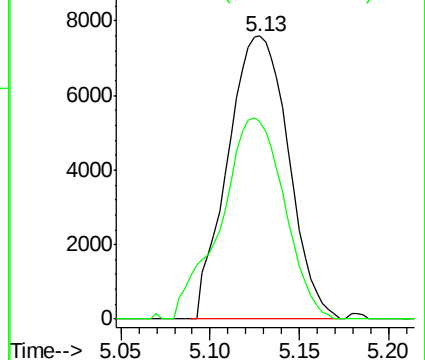
#25
Chloroform
Concen: 0.428 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU037737.D
Acq: 15 Apr 2020 16:43

Instrument :
MSVOA_U
ClientSampleId :
YaqB6MS

Tot Ion: 83 Resp: 18045
Ion Ratio Lower Upper
83 100
85 69.7 44.9 83.3

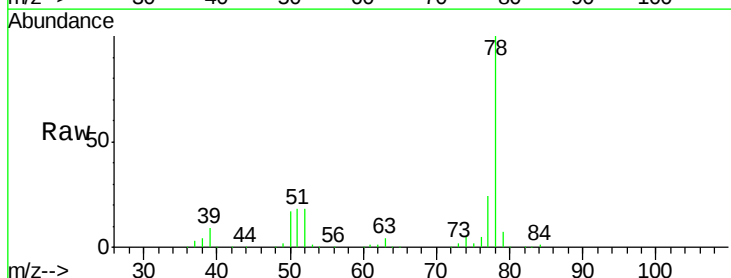


Abundance Ion 83.05 (82.75 to 83.75): VU037737.D (-1162) (-)
Ion 85.00 (84.70 to 85.70): VU037737.D (-1162) (-)

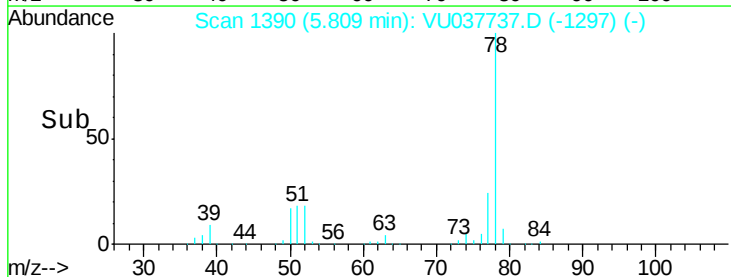
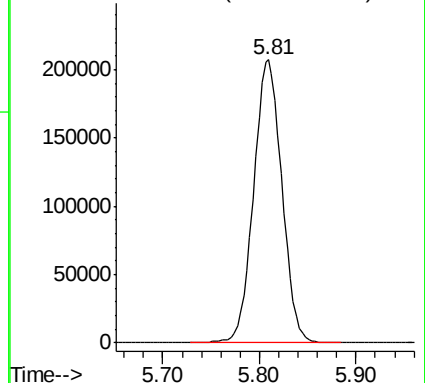


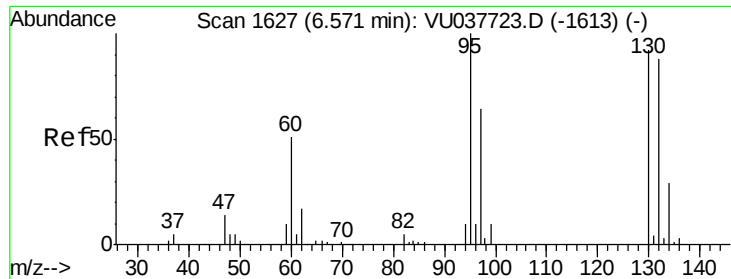
#33
Benzene
Concen: 4.275 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VU037737.D
Acq: 15 Apr 2020 16:43

Tgt Ion: 78 Resp: 420014



Abundance Ion 78.10 (77.80 to 78.80): VU037737.D (-1363) (-)





#34

Trichloroethene

Concen: 4.212 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU037737.D

Acq: 15 Apr 2020 16:43

Instrument :

MSVOA_U

ClientSampleId :

YAOB6MS

Tot Ion: 95 Resp: 101695

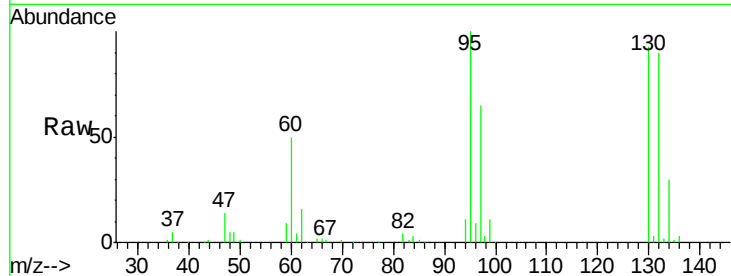
Ion Ratio Lower Upper

95 100

97 64.5 45.4 84.2

132 90.4 63.7 118.3

130 93.1 68.7 127.5

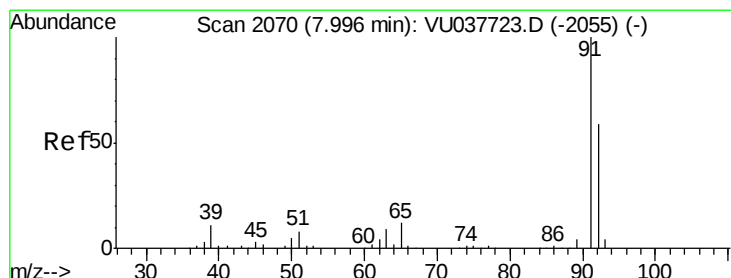
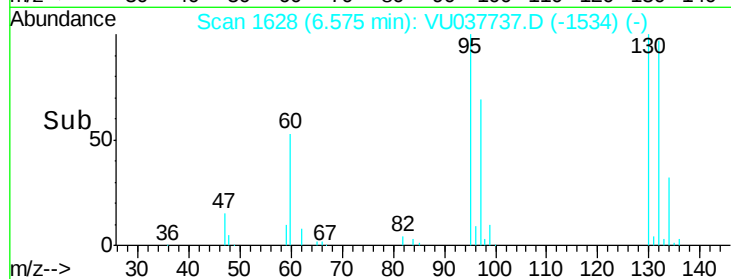
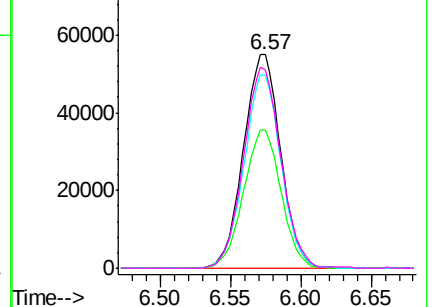


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 4.332 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: VU037737.D

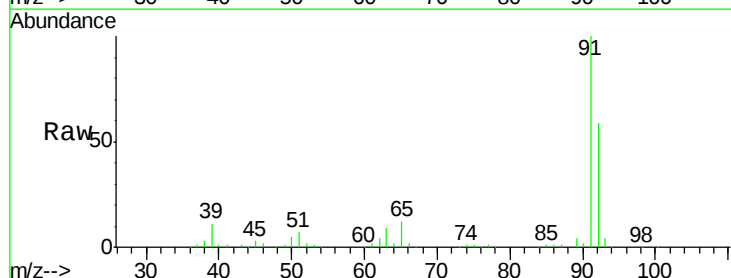
Acq: 15 Apr 2020 16:43

Tgt Ion: 91 Resp: 445830

Ion Ratio Lower Upper

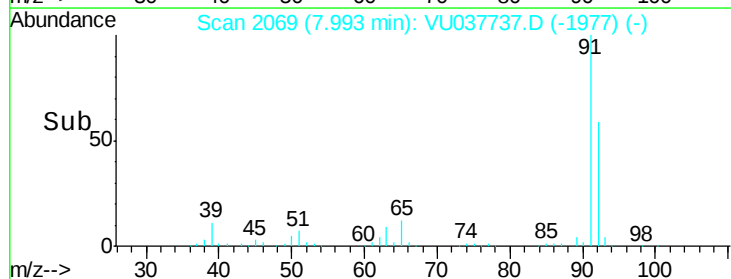
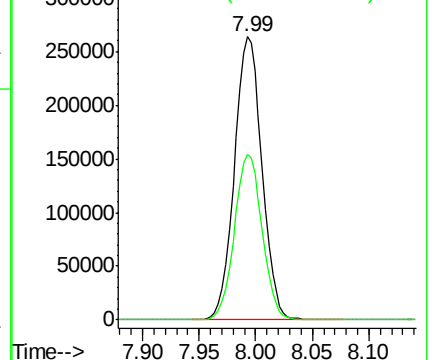
91 100

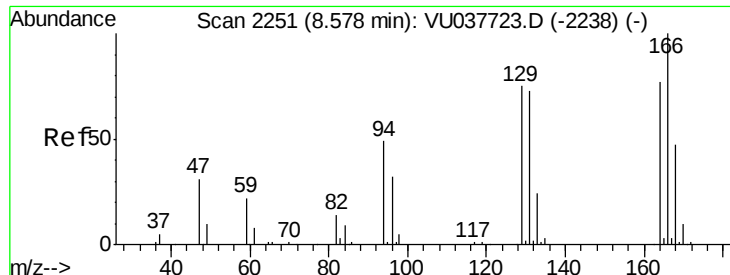
92 58.7 41.1 76.3



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0





#47

Tetrachloroethene

Concen: 29.080 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU037737.D

Acq: 15 Apr 2020 16:43

Instrument :

MSVOA_U

ClientSampleId :

YaqB6MS

Tot Ion:164 Resp: 504560

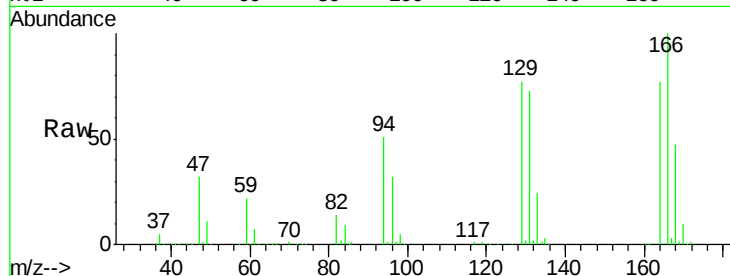
Ion Ratio Lower Upper

164 100

129 99.1 68.1 126.5

131 94.7 65.9 122.5

166 129.5 89.7 166.7

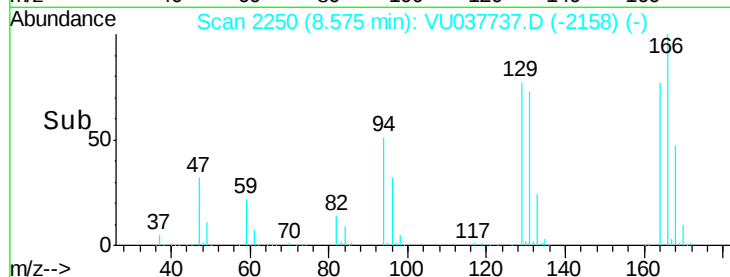


Abundance Ion 163.90 (163.60 to 164.60): V

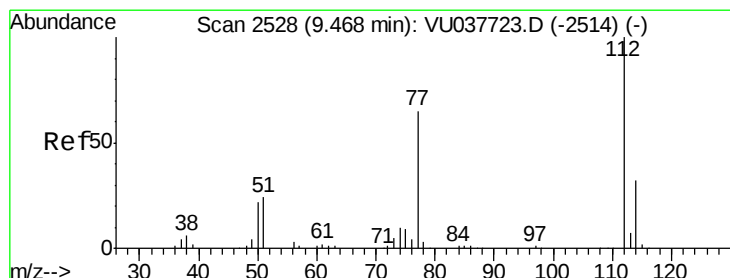
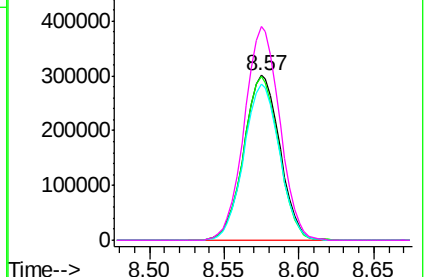
Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



Time-->



#51

Chlorobenzene

Concen: 4.354 ug/L

RT: 9.47 min Scan# 2527

Delta R.T. -0.00 min

Lab File: VU037737.D

Acq: 15 Apr 2020 16:43

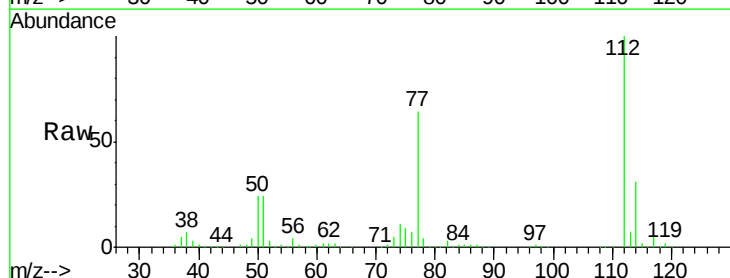
Tgt Ion:112 Resp: 273430

Ion Ratio Lower Upper

112 100

114 30.8 22.6 42.0

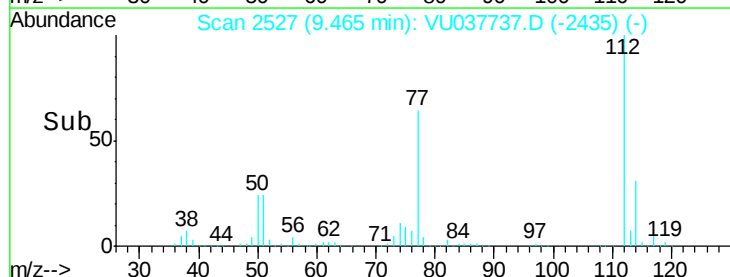
77 64.5 50.2 75.4



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): VU



Time-->

