

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041520\
 Data File : VU037732.D
 Acq On : 15 Apr 2020 14:39
 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 03:50:43 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	258752	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	246573	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	120017	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	97318	4.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.40%
7) Chloroethane-d5	1.93	69	82363	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	2.60	63	310809	8.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	178.60%#
20) 2-Butanone-d5	4.66	46	284160	52.84	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.68%
24) Chloroform-d	5.10	84	150031	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.74	65	95905	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
32) Benzene-d6	5.76	84	339187	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.72	67	112715	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.92	98	312332	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
43) trans-1,3-Dichloropropene-	8.20	79	48314	4.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.20%
46) 2-Hexanone-d5	8.65	63	255816	51.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.62%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	86651	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	110619	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

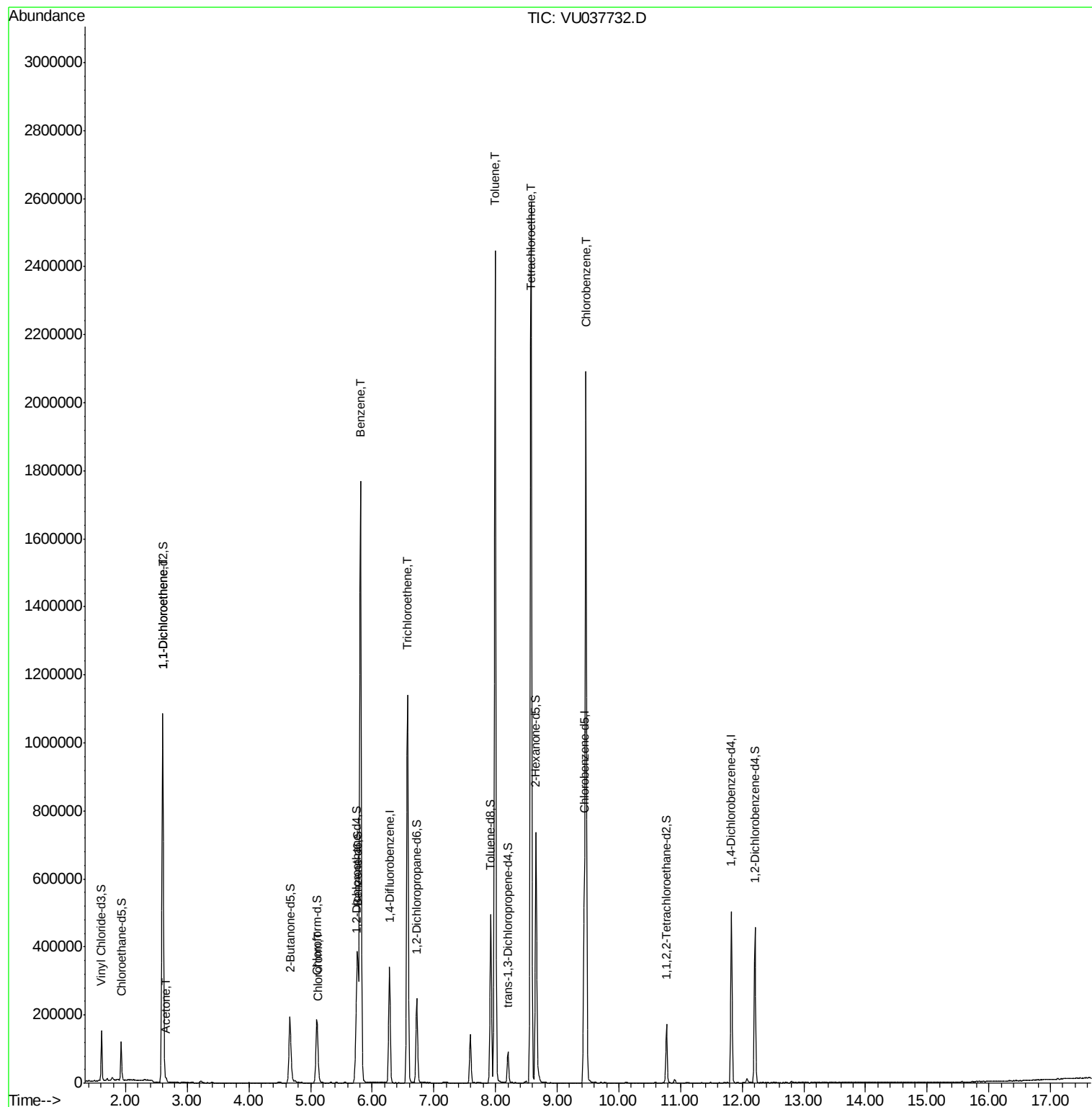
					Ovalue
12) 1,1-Dichloroethene	2.60	96	316418	17.720 ug/L #	82
13) Acetone	2.65	43	13396	3.778 ug/L	95
25) Chloroform	5.13	83	19448	0.547 ug/L	91
33) Benzene	5.81	78	1590787	19.527 ug/L	100
34) Trichloroethene	6.57	95	386992	19.329 ug/L	99
42) Toluene	7.99	91	1696926	19.885 ug/L	100
47) Tetrachloroethene	8.57	164	545448	37.913 ug/L	99
51) Chlorobenzene	9.47	112	1018330	19.558 ug/L	98

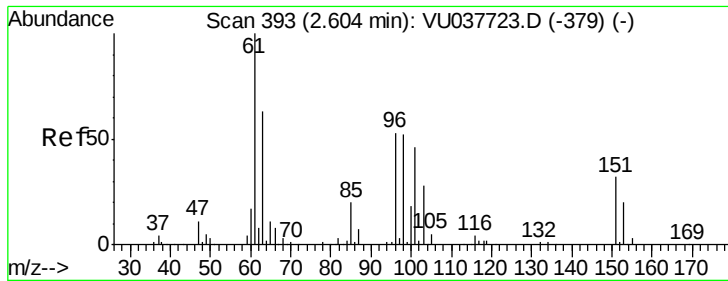
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 16 01:23:00 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 17.720 ug/L

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU037732.D

Acq: 15 Apr 2020 14:39

Instrument :

MSVOA_U

ClientSampleId :

YQAB6MS

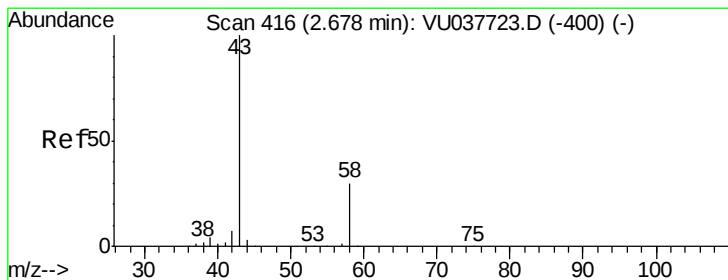
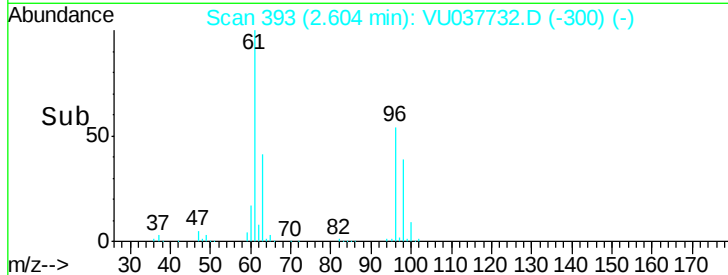
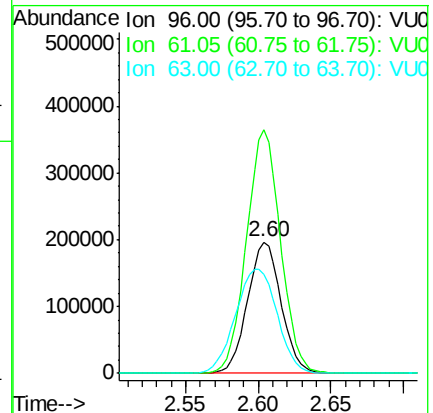
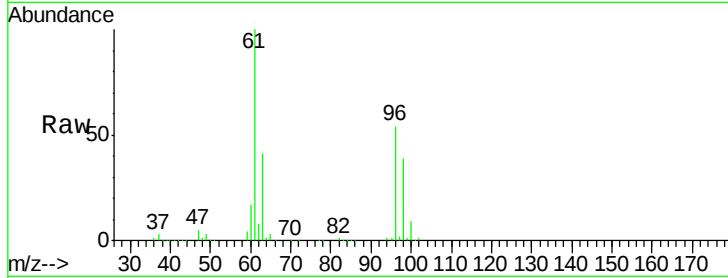
Tot Ion: 96 Resp: 316418

Ion Ratio Lower Upper

96 100

61 185.4 127.7 237.3

63 75.4 85.0 157.8#



#13

Acetone

Concen: 3.778 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.03 min

Lab File: VU037732.D

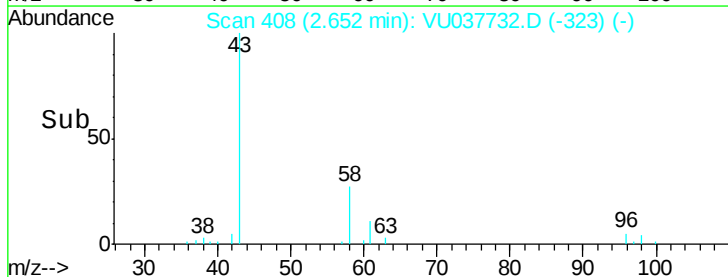
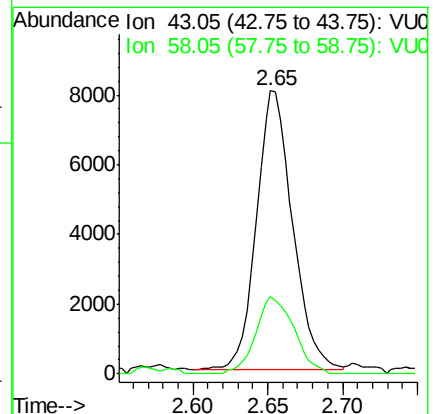
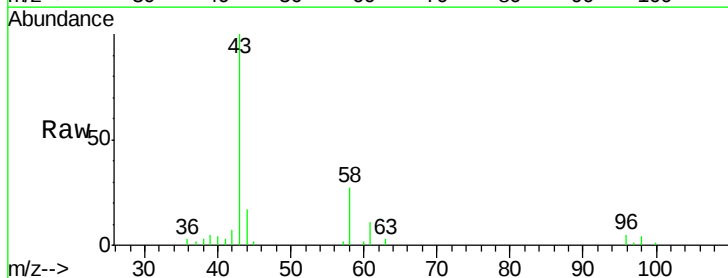
Acq: 15 Apr 2020 14:39

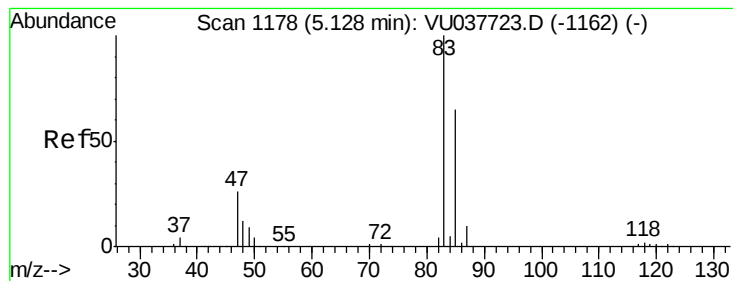
Tgt Ion: 43 Resp: 13396

Ion Ratio Lower Upper

43 100

58 29.4 0.0 64.8





#25

Chloroform

Concen: 0.547 ug/L

RT: 5.13 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VU037732.D

Acq: 15 Apr 2020 14:39

Instrument :

MSVOA_U

ClientSampleId :

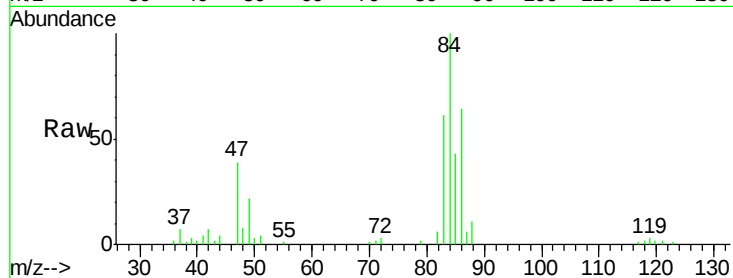
YAOB6MS

Tot Ion: 83 Resp: 19448

Ion Ratio Lower Upper

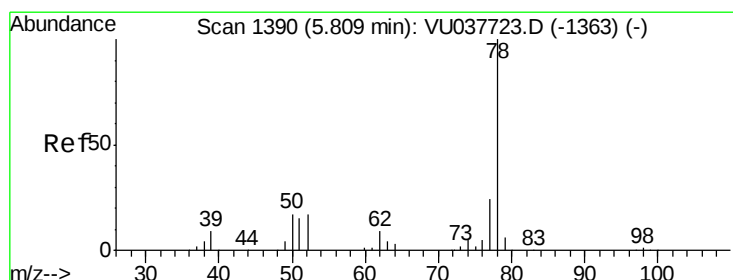
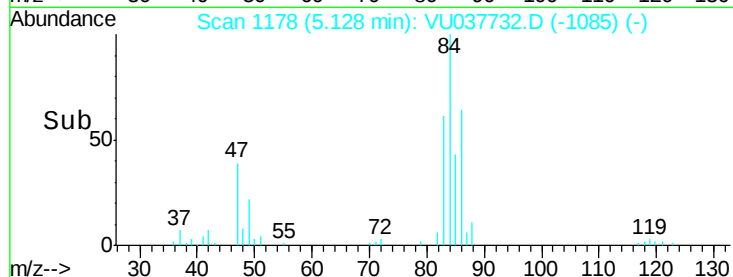
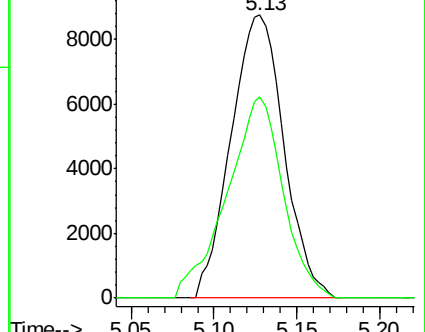
83 100

85 71.2 44.9 83.3



Abundance Ion 83.05 (82.75 to 83.75): VU037732.D (-1162) (-)

Ion 85.00 (84.70 to 85.70): VU037732.D (-1162) (-)



#33

Benzene

Concen: 19.527 ug/L

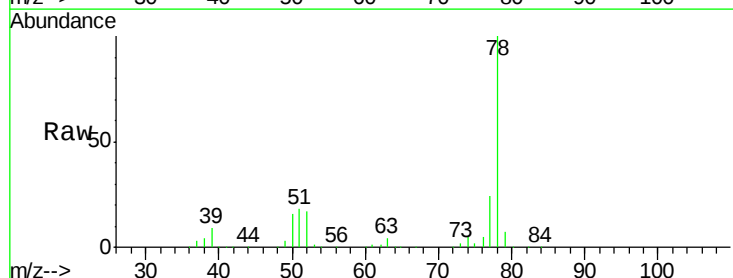
RT: 5.81 min Scan# 1390

Delta R.T. 0.00 min

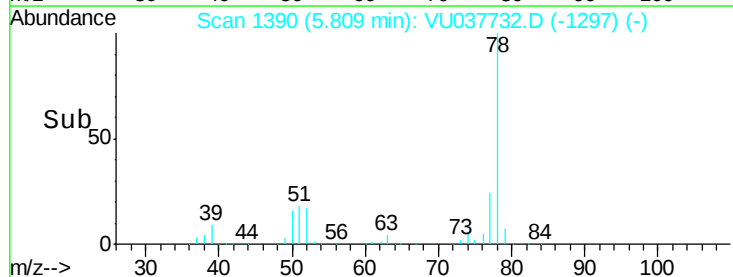
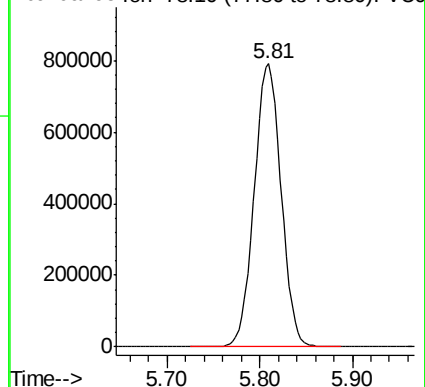
Lab File: VU037732.D

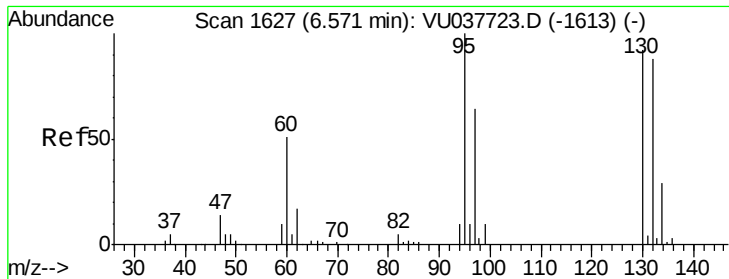
Acq: 15 Apr 2020 14:39

Tgt Ion: 78 Resp: 1590787



Abundance Ion 78.10 (77.80 to 78.80): VU037732.D (-1363) (-)

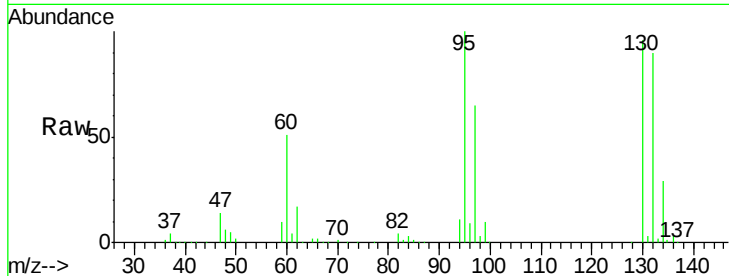




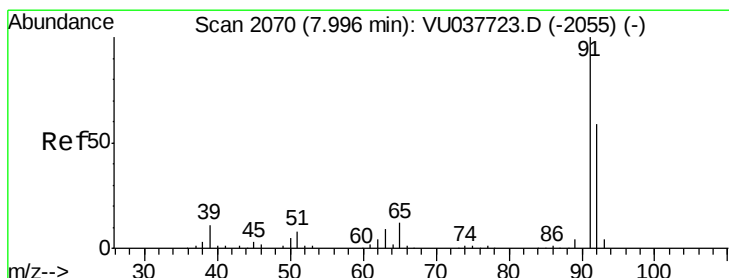
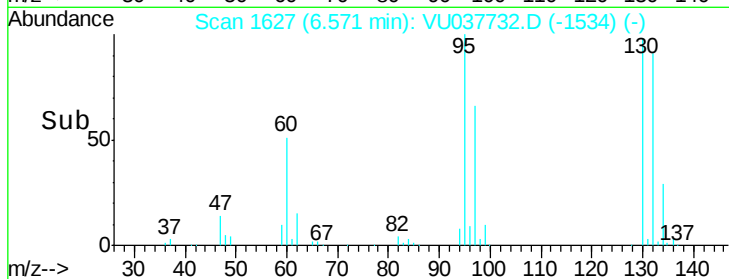
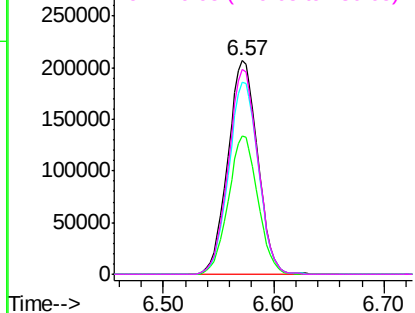
#34
 Trichloroethene
 Concen: 19.329 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU037732.D
 Acq: 15 Apr 2020 14:39

Instrument :
 MSVOA_U
 ClientSampleId :
 YaqB6MS

Tot Ion:	95	Resp:	386992
Ion	Ratio	Lower	Upper
95	100		
97	64.9	45.4	84.2
132	89.8	63.7	118.3
130	96.0	68.7	127.5

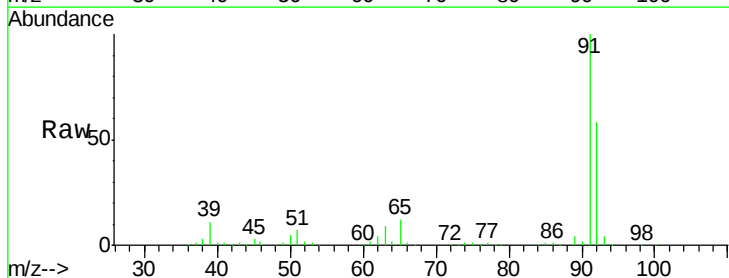


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

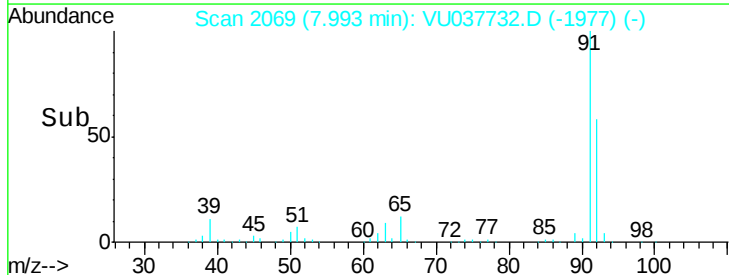
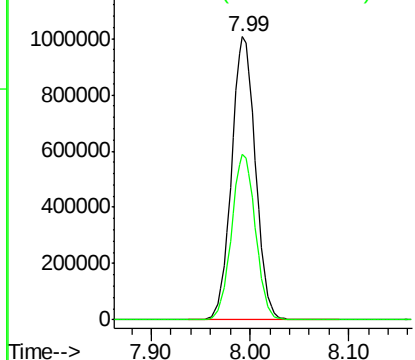


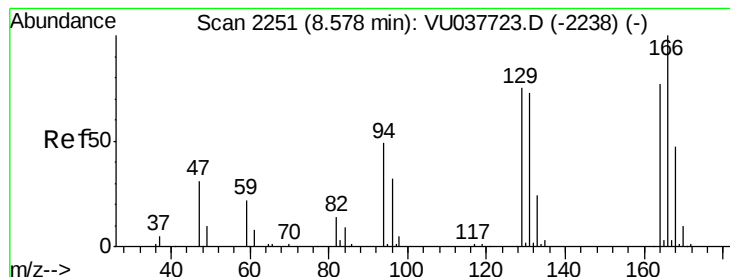
#42
 Toluene
 Concen: 19.885 ug/L
 RT: 7.99 min Scan# 2069
 Delta R.T. -0.00 min
 Lab File: VU037732.D
 Acq: 15 Apr 2020 14:39

Tgt Ion:	91	Resp:	1696926
Ion	Ratio	Lower	Upper
91	100		
92	58.3	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: 37.913 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU037732.D

Acq: 15 Apr 2020 14:39

Instrument :

MSVOA_U

ClientSampleId :

YAOB6MS

Tot Ion:164 Resp: 545448

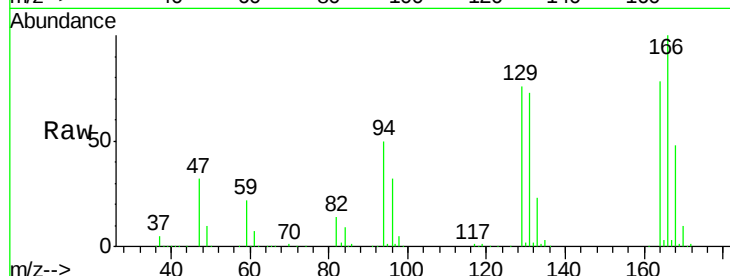
Ion Ratio Lower Upper

164 100

129 96.9 68.1 126.5

131 93.5 65.9 122.5

166 127.6 89.7 166.7

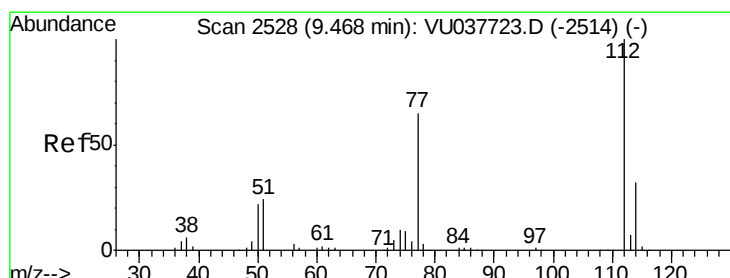
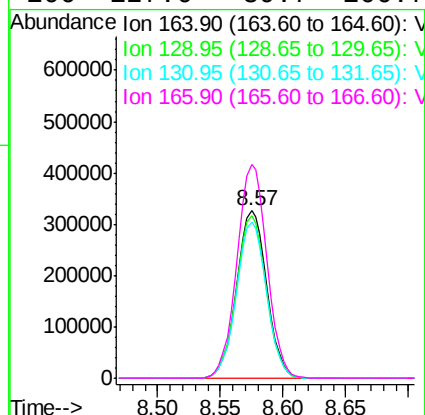
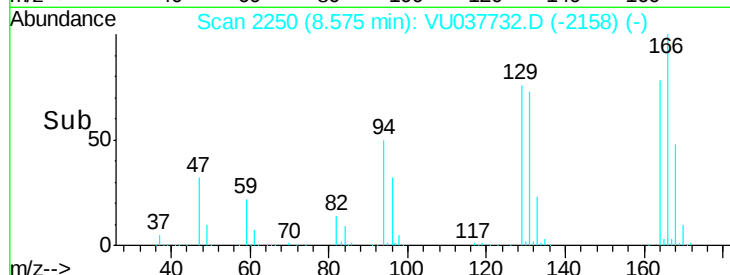


Abundance Ion 163.90 (163.60 to 164.60): V

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



#51

Chlorobenzene

Concen: 19.558 ug/L

RT: 9.47 min Scan# 2527

Delta R.T. -0.00 min

Lab File: VU037732.D

Acq: 15 Apr 2020 14:39

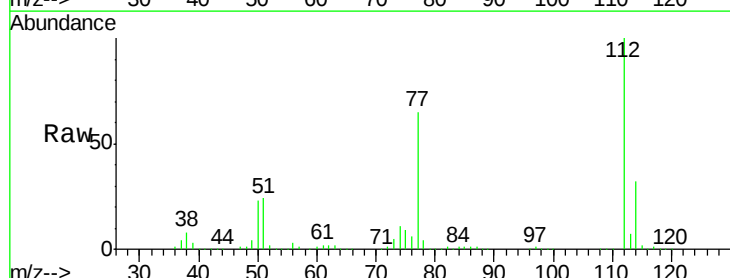
Tgt Ion:112 Resp: 1018330

Ion Ratio Lower Upper

112 100

114 31.5 22.6 42.0

77 64.8 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): V

