

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041520\
 Data File : VU037733.D
 Acq On : 15 Apr 2020 15:04
 Operator : JC/MD
 Sample : L2275-24MSD
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YaqB6MSD

Quant Time: Apr 16 03:53:47 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	269450	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	254766	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	124493	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	94657	4.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.80%
7) Chloroethane-d5	1.93	69	80006	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.60	63	308829	8.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	170.40%#
20) 2-Butanone-d5	4.66	46	274660	49.05	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.10%
24) Chloroform-d	5.10	84	144193	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.74	65	91572	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.76	84	330247	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.72	67	110225	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.92	98	297382	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
43) trans-1,3-Dichloropropene-	8.20	79	46398	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.65	63	246143	47.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.58%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	83538	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	104795	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

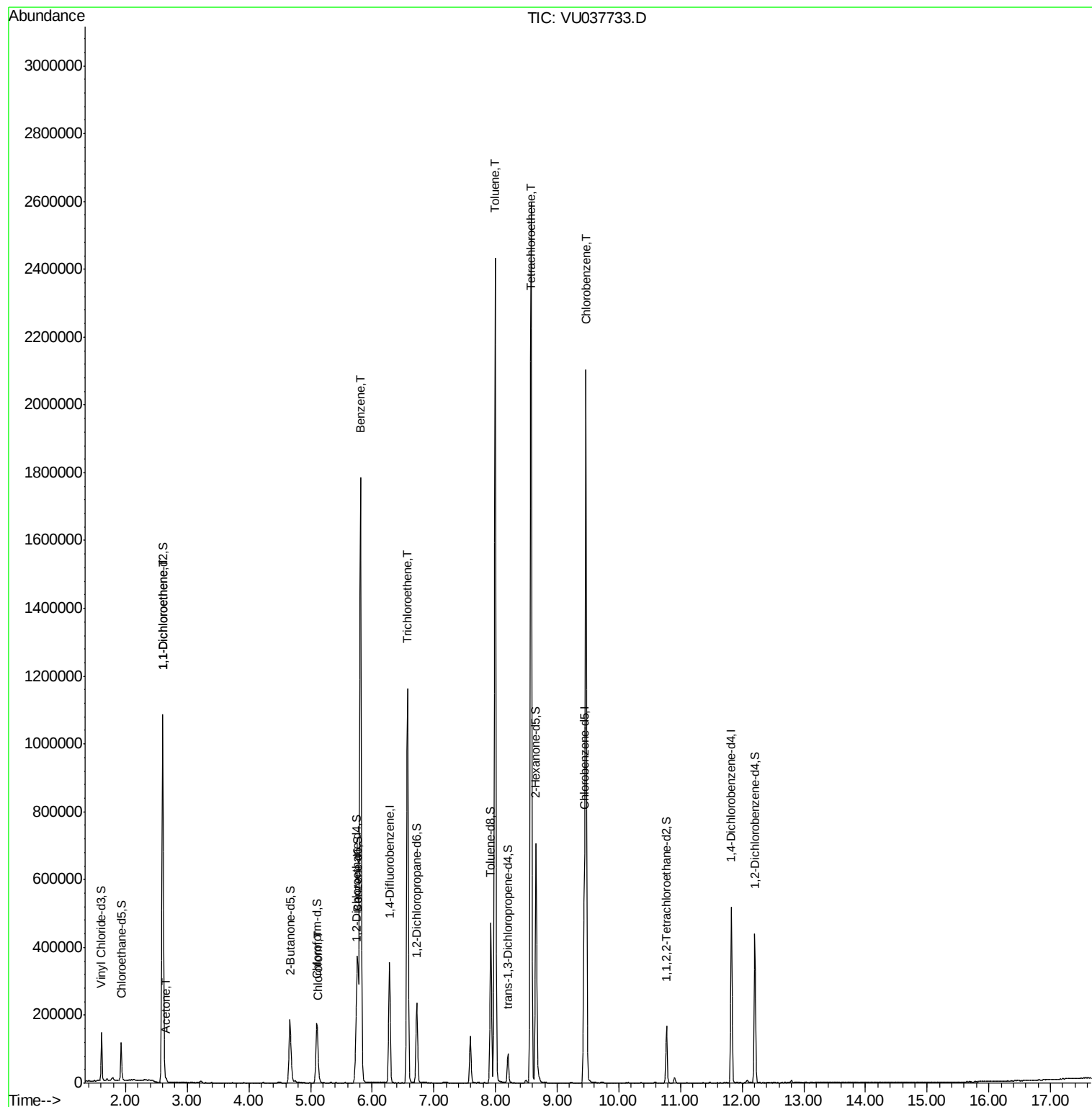
					Ovalue
12) 1,1-Dichloroethene	2.60	96	316375	17.015 ug/L #	82
13) Acetone	2.66	43	12863	3.484 ug/L	98
25) Chloroform	5.13	83	19449	0.525 ug/L	95
33) Benzene	5.81	78	1610862	19.137 ug/L	100
34) Trichloroethene	6.57	95	391571	18.929 ug/L	97
42) Toluene	7.99	91	1696943	19.246 ug/L	100
47) Tetrachloroethene	8.57	164	544126	36.604 ug/L	99
51) Chlorobenzene	9.47	112	1022511	19.007 ug/L	98

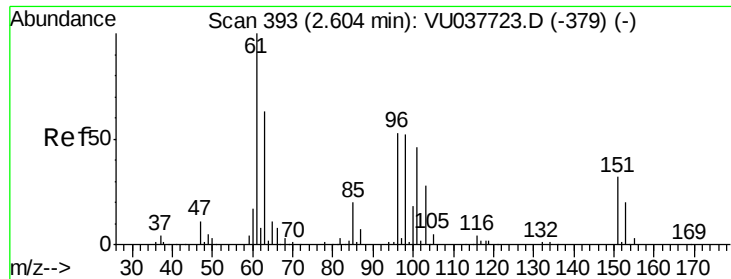
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 17.015 ug/L

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU037733.D

Acq: 15 Apr 2020 15:04

Instrument :

MSVOA_U

ClientSampleId :

YAOB6MSD

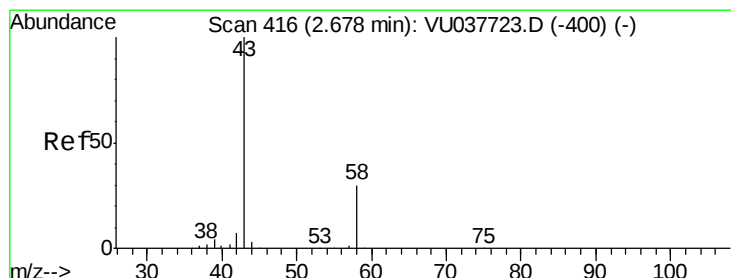
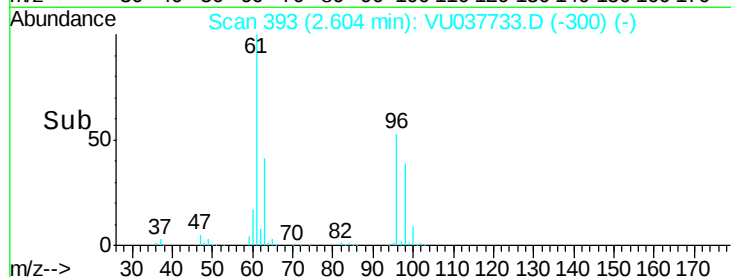
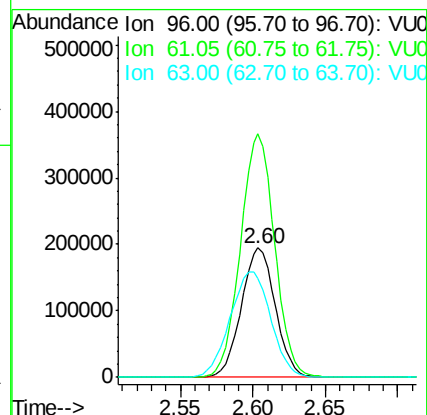
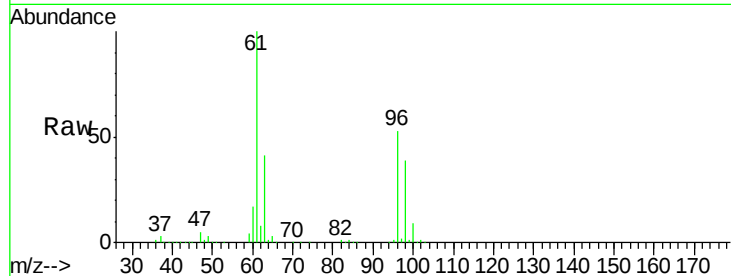
Tot Ion: 96 Resp: 316375

Ion Ratio Lower Upper

96 100

61 188.3 127.7 237.3

63 76.6 85.0 157.8#



#13

Acetone

Concen: 3.484 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.02 min

Lab File: VU037733.D

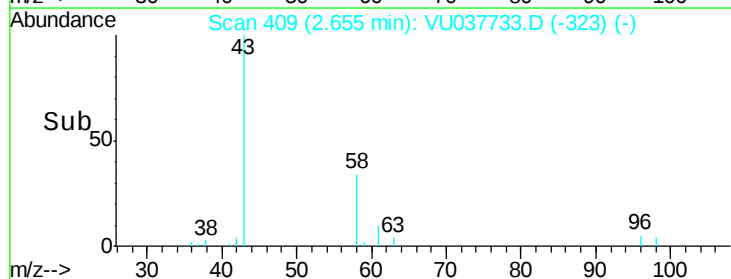
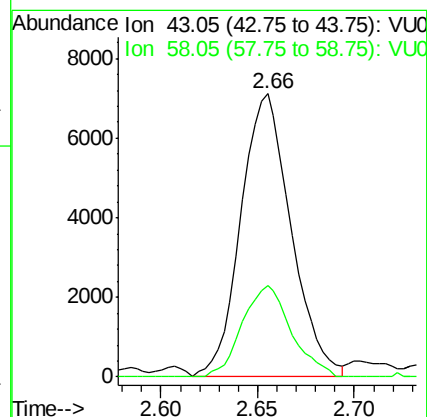
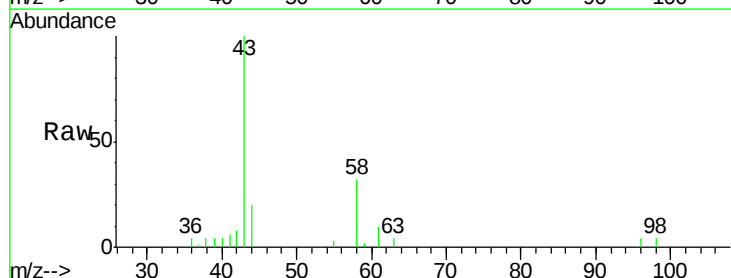
Acq: 15 Apr 2020 15:04

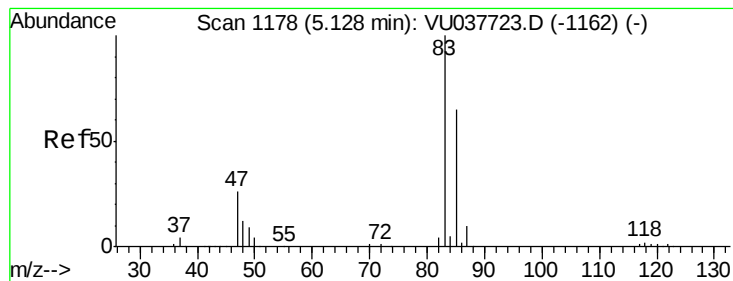
Tgt Ion: 43 Resp: 12863

Ion Ratio Lower Upper

43 100

58 31.3 0.0 64.8





#25

Chloroform

Concen: 0.525 ug/L

RT: 5.13 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VU037733.D

Acq: 15 Apr 2020 15:04

Instrument :

MSVOA_U

ClientSampleId :

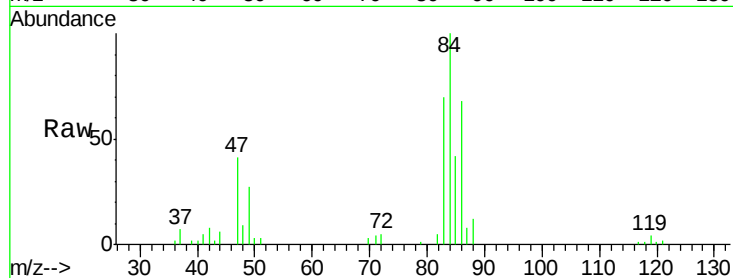
YAOB6MSD

Tot Ion: 83 Resp: 19449

Ion Ratio Lower Upper

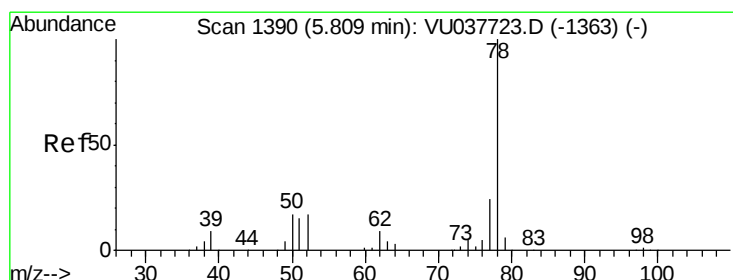
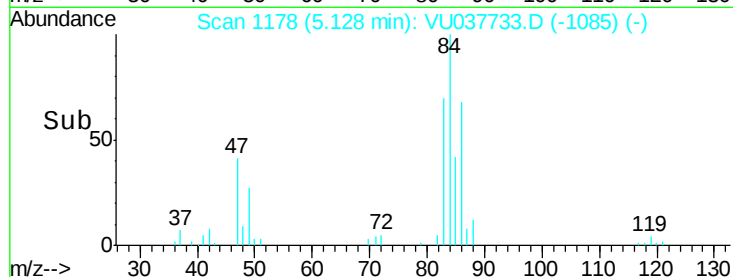
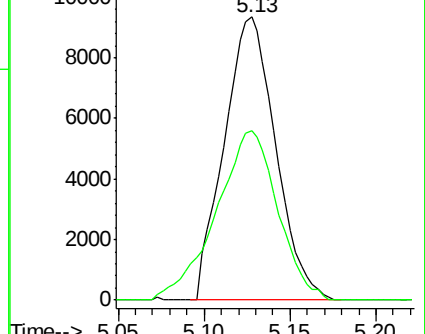
83 100

85 59.9 44.9 83.3



Abundance Ion 83.05 (82.75 to 83.75): VU037733.D (-1162) (-)

Ion 85.00 (84.70 to 85.70): VU037733.D (-1162) (-)



#33

Benzene

Concen: 19.137 ug/L

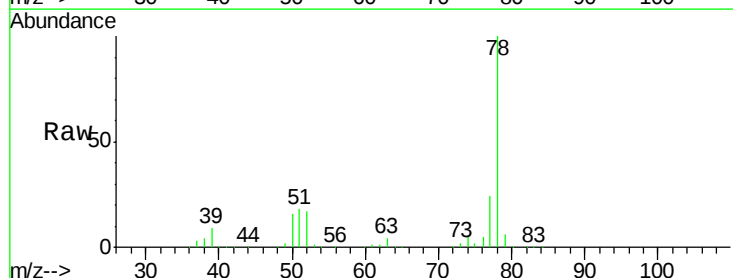
RT: 5.81 min Scan# 1390

Delta R.T. -0.00 min

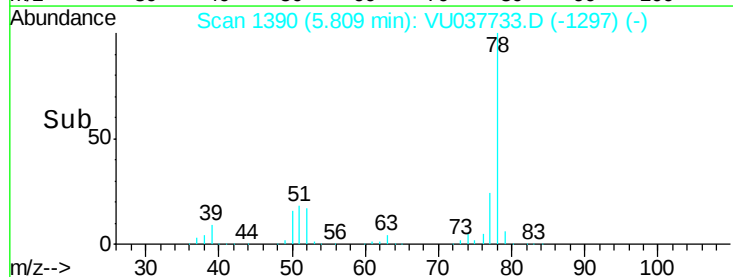
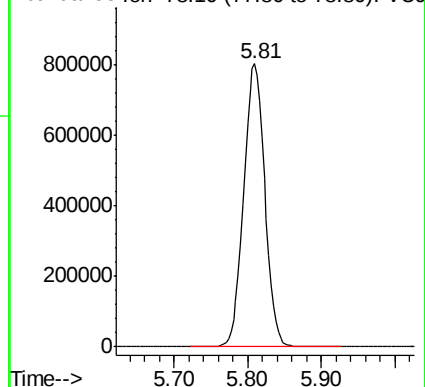
Lab File: VU037733.D

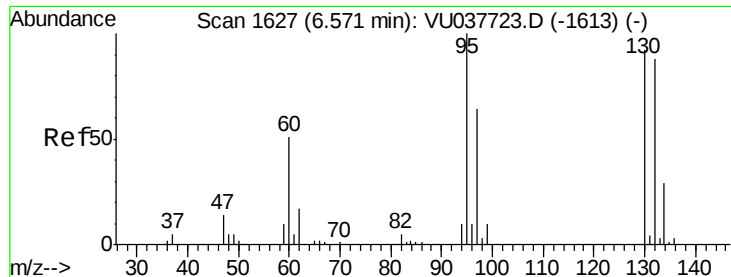
Acq: 15 Apr 2020 15:04

Tgt Ion: 78 Resp: 1610862



Abundance Ion 78.10 (77.80 to 78.80): VU037733.D (-1363) (-)

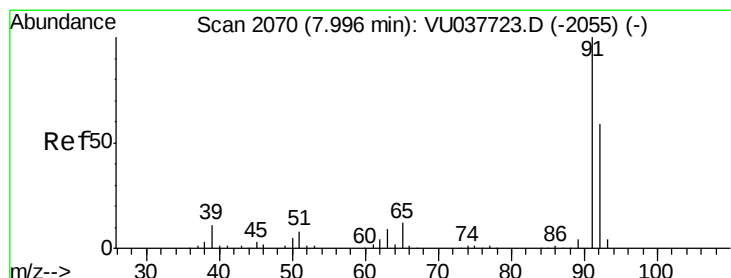
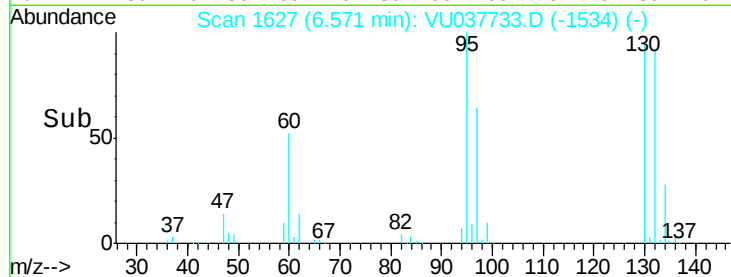
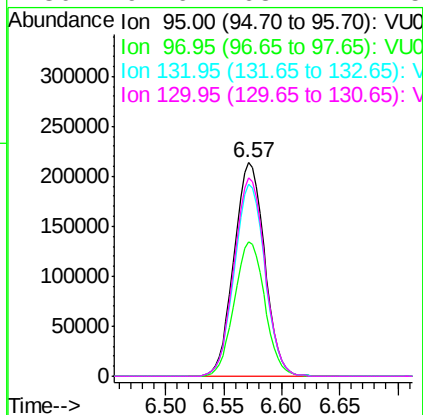
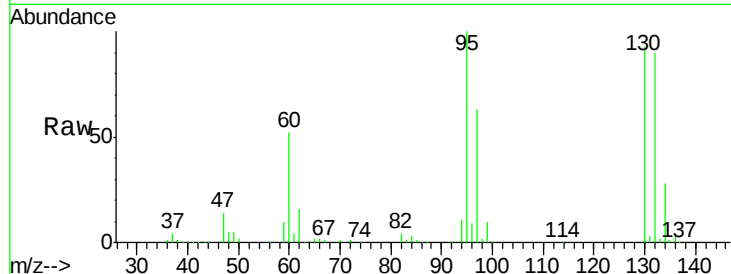




#34
 Trichloroethene
 Concen: 18.929 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VU037733.D
 Acq: 15 Apr 2020 15:04

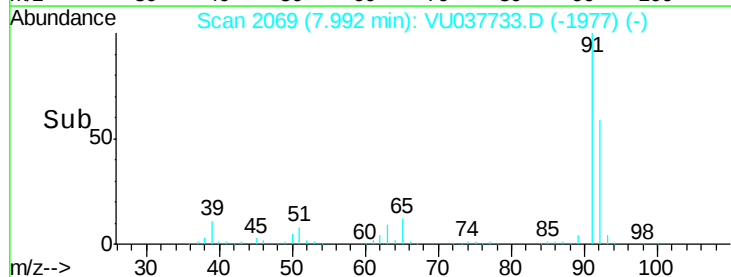
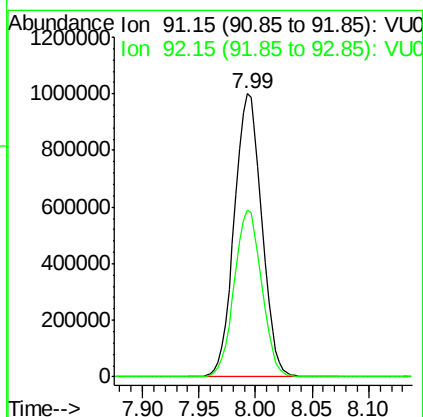
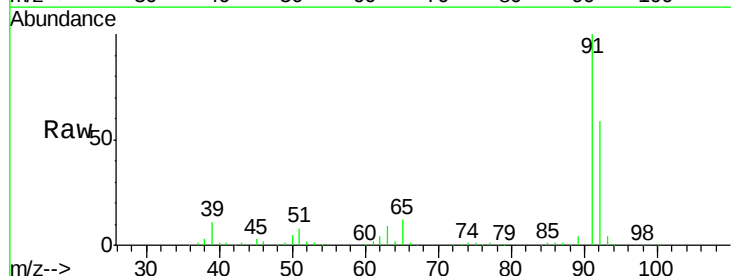
Instrument :
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 YaqB6MSD

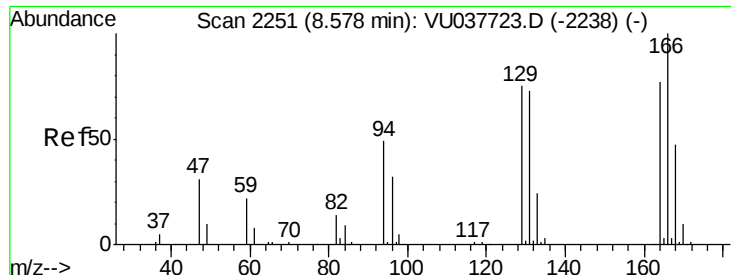
Tot Ion: 95 Resp: 391571
 Ion Ratio Lower Upper
 95 100
 97 63.1 45.4 84.2
 132 89.8 63.7 118.3
 130 92.6 68.7 127.5



#42
 Toluene
 Concen: 19.246 ug/L
 RT: 7.99 min Scan# 2069
 Delta R.T. -0.00 min
 Lab File: VU037733.D
 Acq: 15 Apr 2020 15:04

Tgt Ion: 91 Resp: 1696943
 Ion Ratio Lower Upper
 91 100
 92 59.0 41.1 76.3





#47

Tetrachloroethene

Concen: 36.604 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU037733.D

Acq: 15 Apr 2020 15:04

Instrument :

MSVOA_U

ClientSampleId :

YaqB6MSD

Tot Ion:164 Resp: 544126

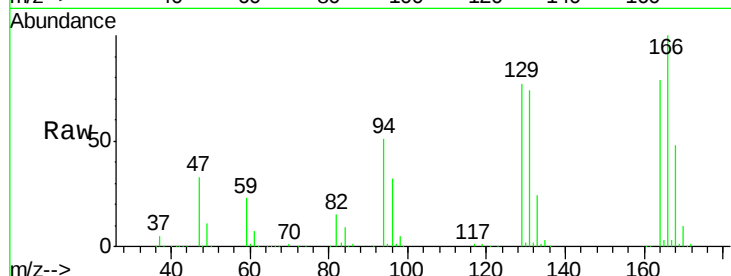
Ion Ratio Lower Upper

164 100

129 97.3 68.1 126.5

131 92.8 65.9 122.5

166 126.1 89.7 166.7

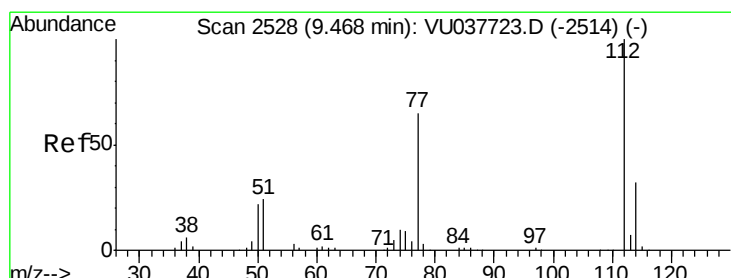
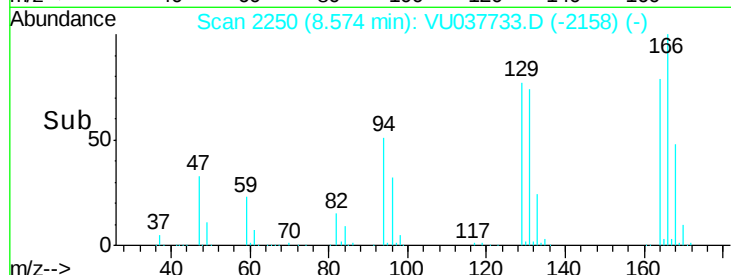
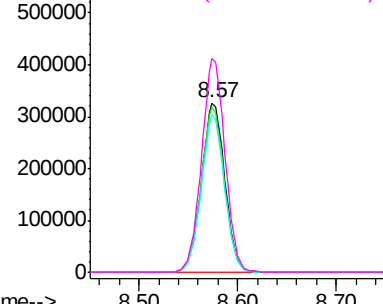


Abundance Ion 163.90 (163.60 to 164.60): V

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: 19.007 ug/L

RT: 9.47 min Scan# 2527

Delta R.T. -0.00 min

Lab File: VU037733.D

Acq: 15 Apr 2020 15:04

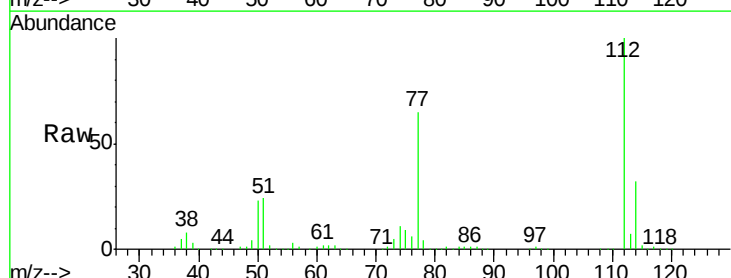
Tgt Ion:112 Resp: 1022511

Ion Ratio Lower Upper

112 100

114 31.7 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): VU

