

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031120\
 Data File : VU037163.D
 Acq On : 11 Mar 2020 13:47
 Operator : JC/MD
 Sample : L1883-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CON77

Quant Time: Mar 12 01:58:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Mar 12 01:55:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	122507	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	123538	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	47467	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	38127	4.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.80%
7) Chloroethane-d5	1.93	69	29838	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.00%
11) 1,1-Dichloroethene-d2	2.59	63	58559	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	4.69	46	103982	50.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.06%
24) Chloroform-d	5.11	84	79372	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.74	65	45669	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.76	84	142822	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.72	67	45199	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.92	98	129370	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	8.20	79	19016	4.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.00%
46) 2-Hexanone-d5	8.66	63	77252	46.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.60%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	37111	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	43850	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

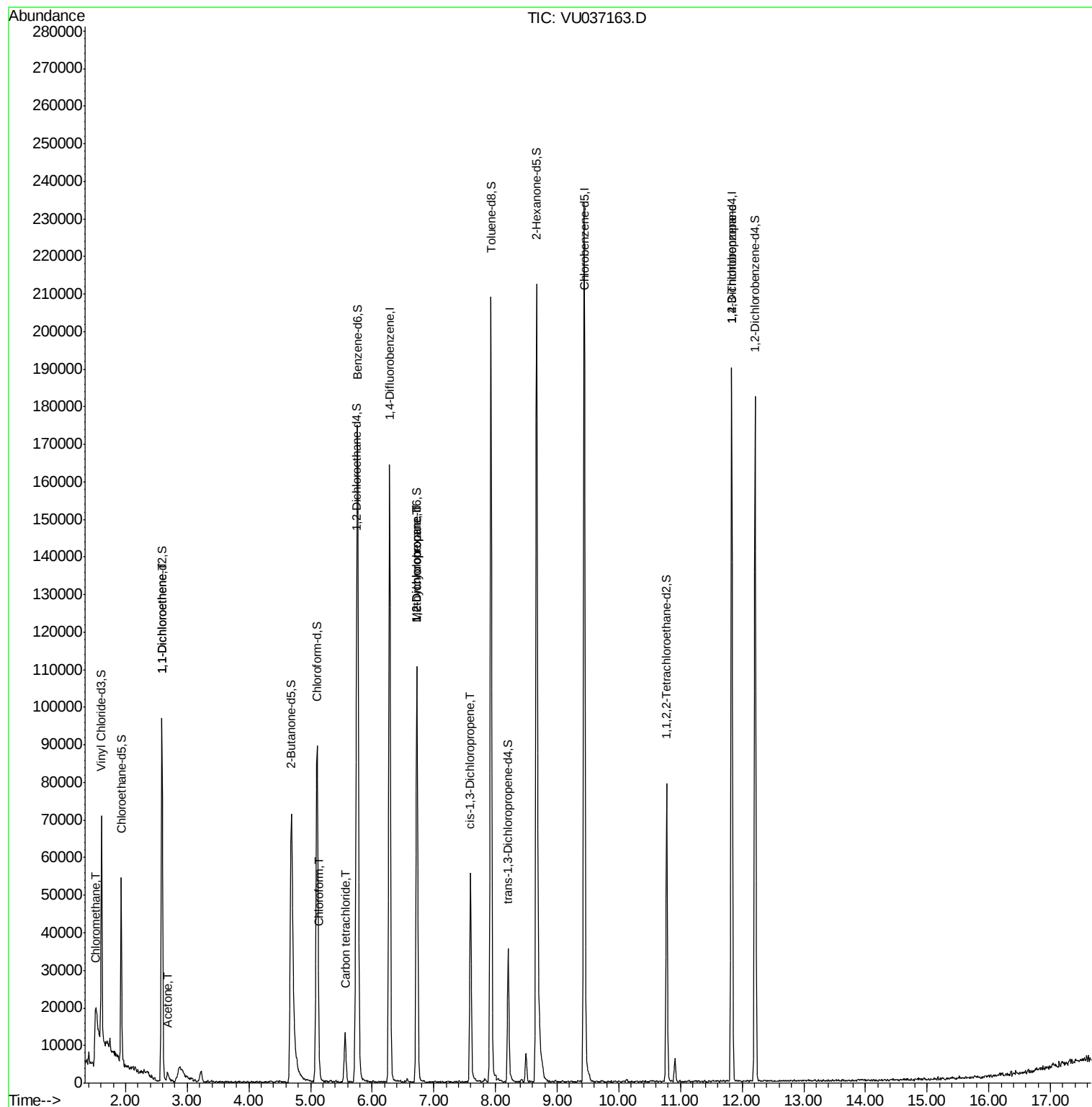
					Ovalue
3) Chloromethane	1.53	50	1303	0.097 ug/L #	41
12) 1,1-Dichloroethene	2.60	96	678	0.085 ug/L #	1
13) Acetone	2.68	43	1569	0.931 ug/L	87
25) Chloroform	5.14	83	3769	0.202 ug/L	99
31) Carbon tetrachloride	5.56	117	8466	0.618 ug/L	96
35) Methylcyclohexane	6.73	83	11099	0.728 ug/L #	15
37) 1,2-Dichloropropane	6.73	63	6390	0.665 ug/L #	90
39) cis-1,3-Dichloropropene	7.59	75	1723	0.125 ug/L #	52
59) 1,2,3-Trichloropropane	11.83	75	6917	1.006 ug/L	94

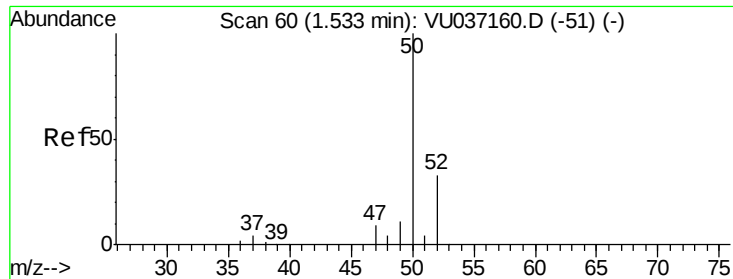
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.097 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.01 min

Lab File: VU037163.D

Acq: 11 Mar 2020 13:47

Instrument :

MSVOA_U

ClientSampleId :

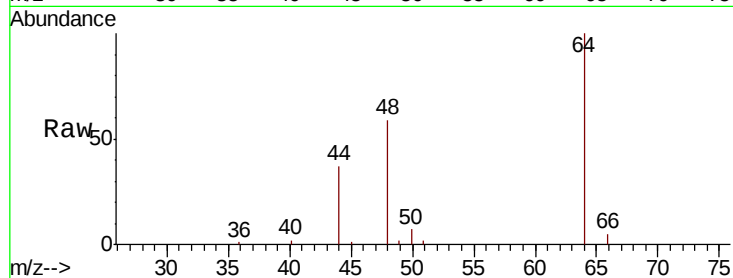
CON77

Tot Ion: 50 Resp: 1303

Ion Ratio Lower Upper

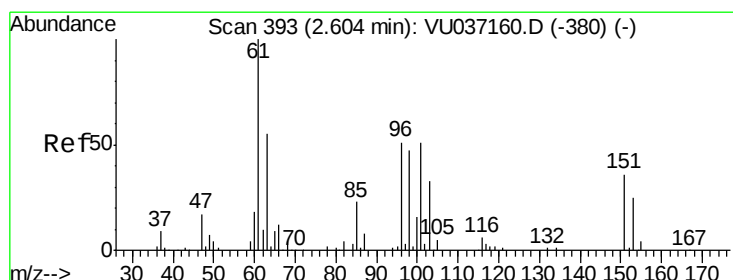
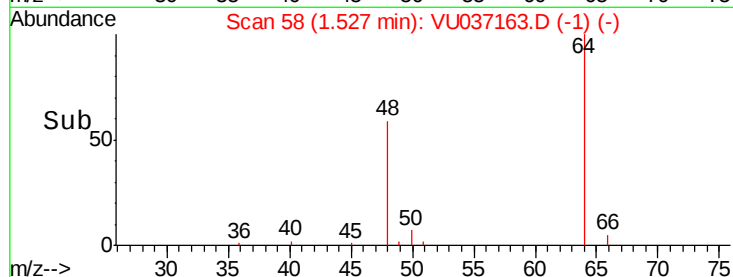
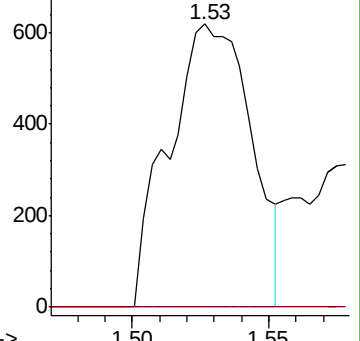
50 100

52 0.0 23.3 43.3#



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#12

1,1-Dichloroethene

Concen: 0.085 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU037163.D

Acq: 11 Mar 2020 13:47

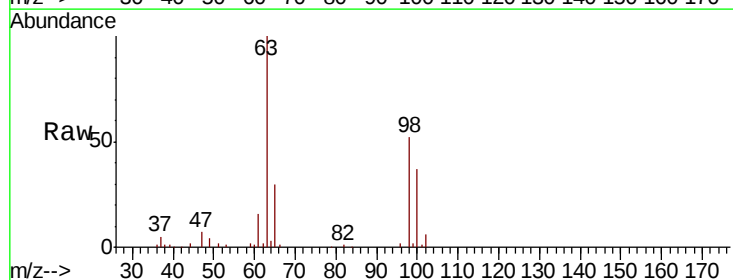
Tgt Ion: 96 Resp: 678

Ion Ratio Lower Upper

96 100

61 978.3 136.4 253.2#

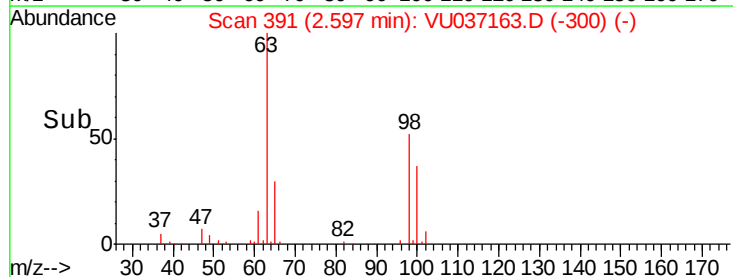
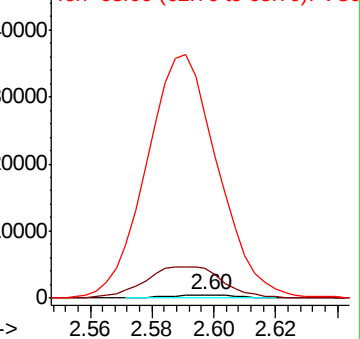
63 6125.6 86.2 160.0#

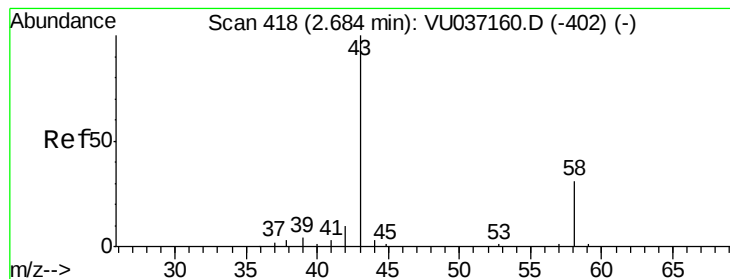


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.931 ug/L

RT: 2.68 min Scan# 416

Delta R.T. -0.01 min

Lab File: VU037163.D

Acq: 11 Mar 2020 13:47

Instrument :

MSVOA_U

ClientSampleId :

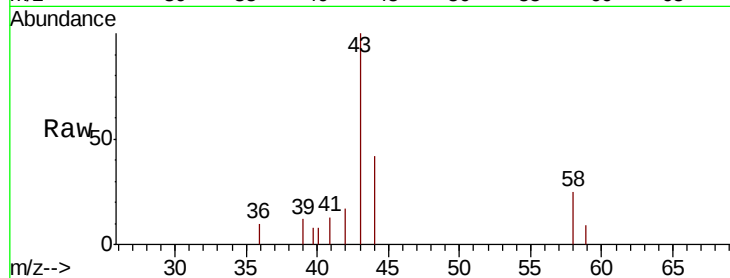
CON77

Tot Ion: 43 Resp: 1569

Ion Ratio Lower Upper

43 100

58 33.0 0.0 52.2



Abundance Ion 43.05 (42.75 to 43.75): VU037160.D (-402) (-)

Ion 58.05 (57.75 to 58.75): VU037160.D (-402) (-)

2.68

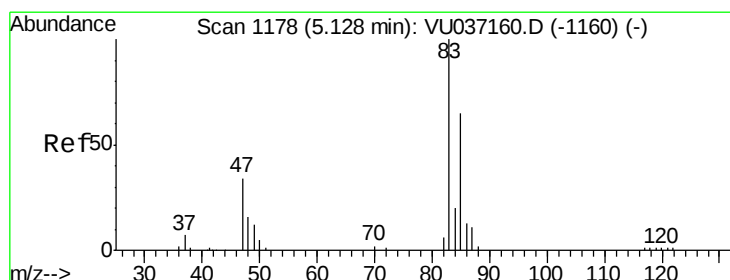
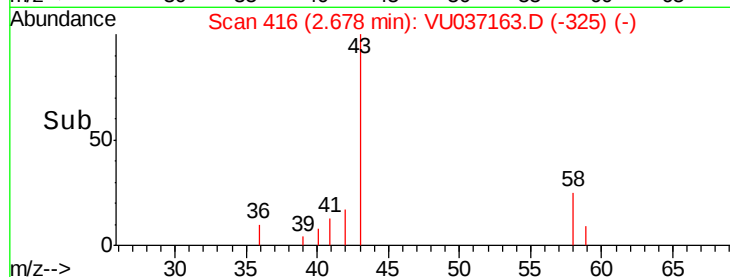
1000

500

0

Time-->

2.64 2.66 2.68



#25

Chloroform

Concen: 0.202 ug/L

RT: 5.14 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VU037163.D

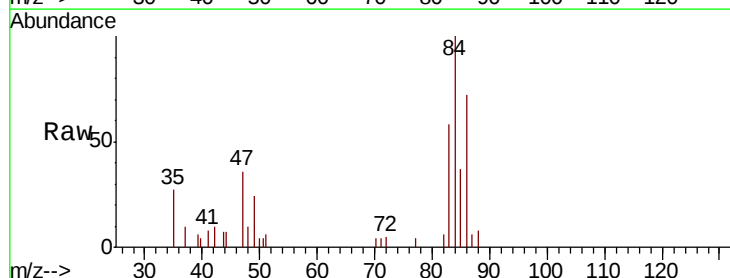
Acq: 11 Mar 2020 13:47

Tgt Ion: 83 Resp: 3769

Ion Ratio Lower Upper

83 100

85 64.2 45.3 84.1



Abundance Ion 83.05 (82.75 to 83.75): VU037160.D (-1160) (-)

Ion 85.00 (84.70 to 85.70): VU037160.D (-1160) (-)

5.14

1500

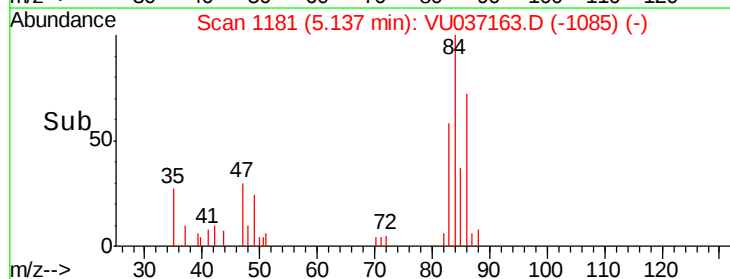
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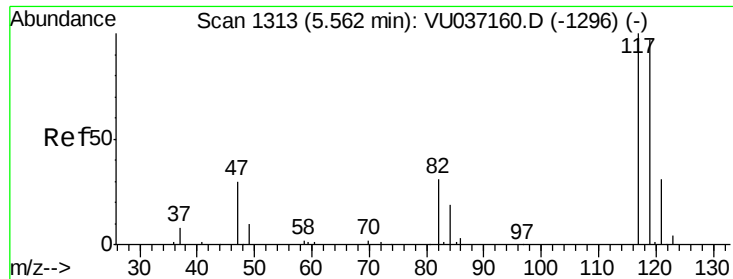
500

0

Time-->

5.10 5.15





#31

Carbon tetrachloride

Concen: 0.618 ug/L

RT: 5.56 min Scan# 1313

Delta R.T. -0.00 min

Lab File: VU037163.D

Acq: 11 Mar 2020 13:47

Instrument :

MSVOA_U

ClientSampleId :

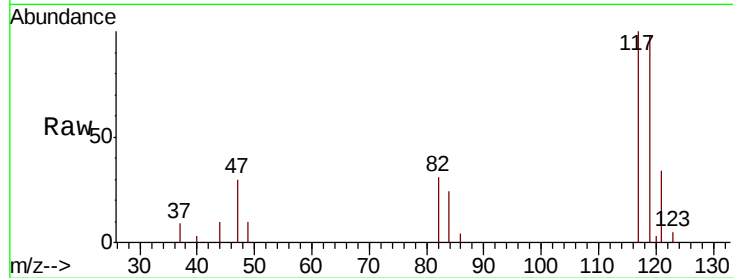
CON77

Tot Ion:117 Resp: 8466

Ion Ratio Lower Upper

117 100

119 94.2 78.2 117.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V

5.56

4000

3000

2000

1000

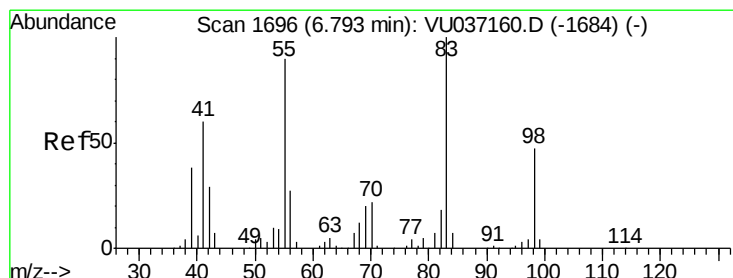
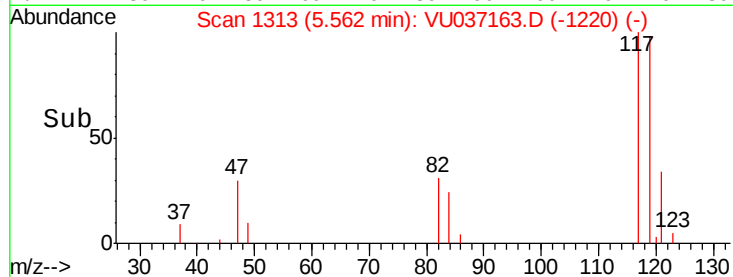
0

Time-->

5.50

5.55

5.60



#35

Methylcyclohexane

Concen: 0.728 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.07 min

Lab File: VU037163.D

Acq: 11 Mar 2020 13:47

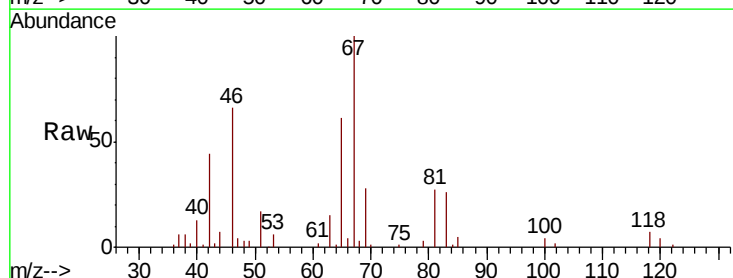
Tgt Ion: 83 Resp: 11099

Ion Ratio Lower Upper

83 100

55 0.0 68.1 102.1#

98 0.4 37.0 55.4#



Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

8000

6000

4000

2000

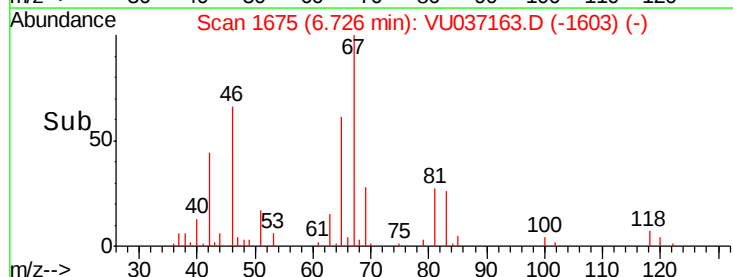
0

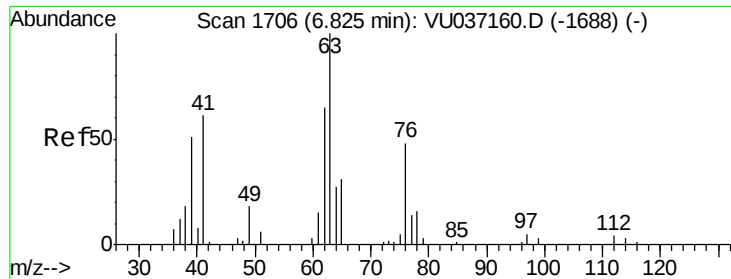
Time-->

6.65

6.70

6.75

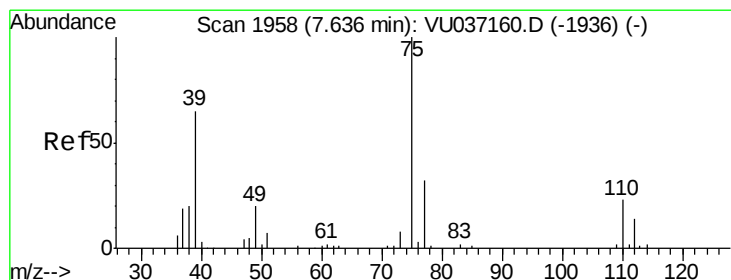
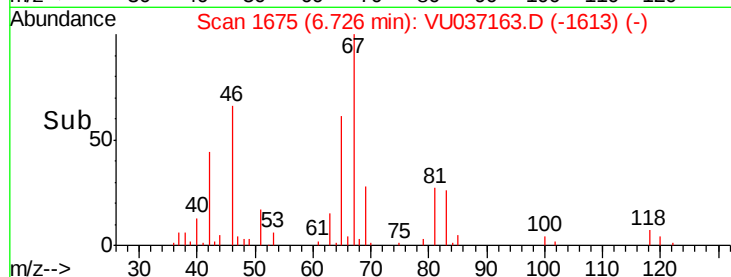
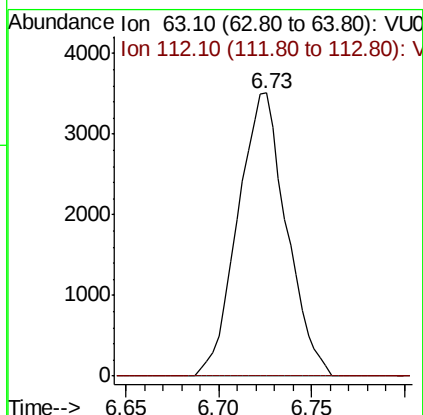
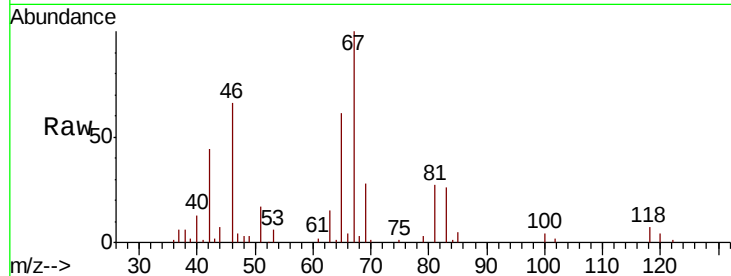




#37
 1,2-Dichloropropane
 Concen: 0.665 ug/L
 RT: 6.73 min Scan# 1675
 Delta R.T. -0.10 min
 Lab File: VU037163.D
 Acq: 11 Mar 2020 13:47

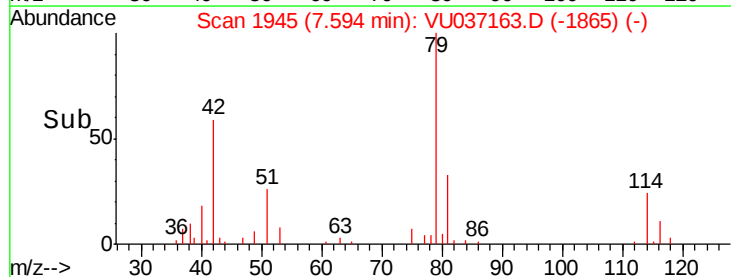
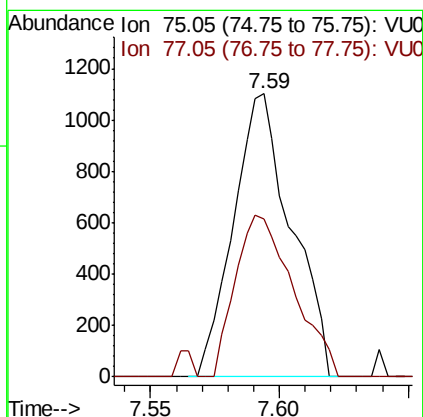
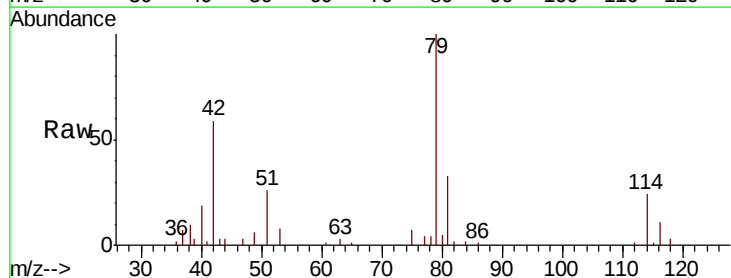
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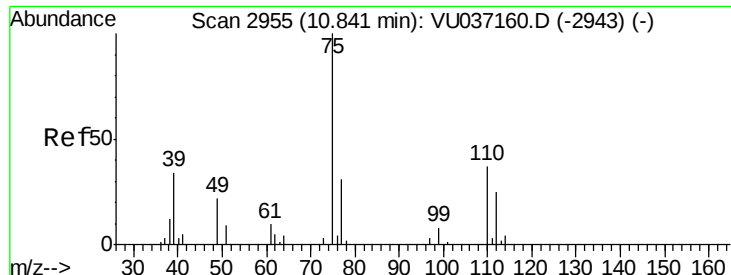
Tot Ion: 63 Resp: 6390
 Ion Ratio Lower Upper
 63 100
 112 0.4 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.125 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037163.D
 Acq: 11 Mar 2020 13:47

Tgt Ion: 75 Resp: 1723
 Ion Ratio Lower Upper
 75 100
 77 56.0 21.1 39.1#





#59

1,2,3-Trichloropropane

Concen: 1.006 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.99 min

Lab File: VU037163.D

Acq: 11 Mar 2020 13:47

Instrument :

MSVOA_U

ClientSampleId :

CON77

Tot Ion: 75 Resp: 6917

Ion Ratio Lower Upper

75 100

77 37.9 27.4 41.0

