

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032820\
 Data File : VU037450.D
 Acq On : 29 Mar 2020 05:46
 Operator : JC/MD
 Sample : L2001-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 30 03:16:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Mar 30 03:07:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	97724	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	92323	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	44812	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	32797	4.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.00%
7) Chloroethane-d5	1.93	69	29224	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.20%
11) 1,1-Dichloroethene-d2	2.59	63	50533	3.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.80%
20) 2-Butanone-d5	4.67	46	103687	52.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.46%
24) Chloroform-d	5.10	84	65295	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.74	65	38596	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.76	84	131372	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.72	67	43905	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.92	98	118429	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	8.20	79	19052	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
46) 2-Hexanone-d5	8.66	63	85821	52.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.00%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	34862	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	43308	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

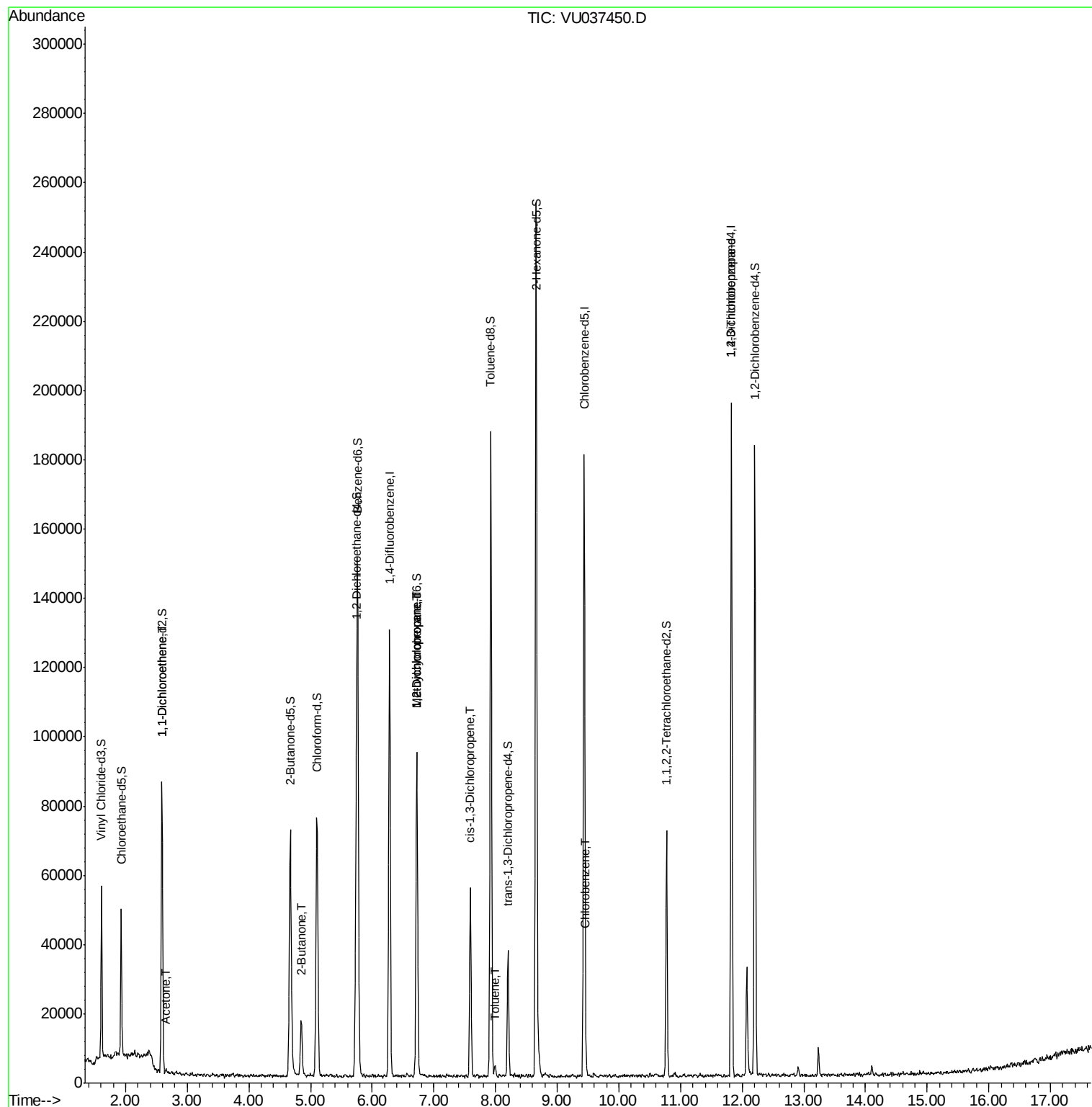
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.60	96	464	0.072	ug/L #	1
13) Acetone	2.66	43	1122	0.993	ug/L	86
21) 2-Butanone	4.85	43	20630	10.741	ug/L #	46
35) Methylcyclohexane	6.72	83	10216	0.829	ug/L #	19
37) 1,2-Dichloropropane	6.72	63	4823	0.682	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	1476	0.128	ug/L #	71
42) Toluene	8.00	91	2614	0.089	ug/L	91
51) Chlorobenzene	9.47	112	1891	0.093	ug/L #	68
59) 1,2,3-Trichloropropane	11.83	75	6534	1.329	ug/L	94

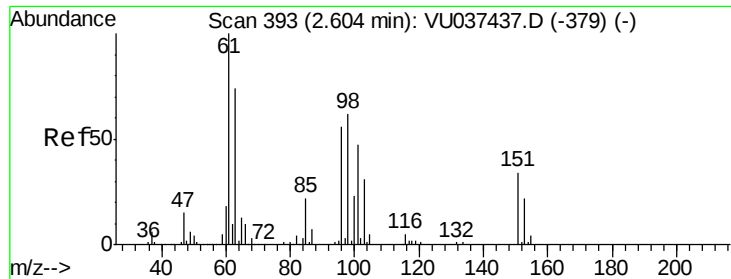
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.072 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU037450.D

Acq: 29 Mar 2020 05:46

Instrument :
MSVOA_U
ClientSampleId :

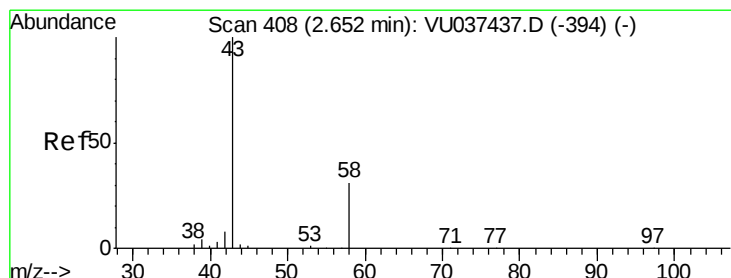
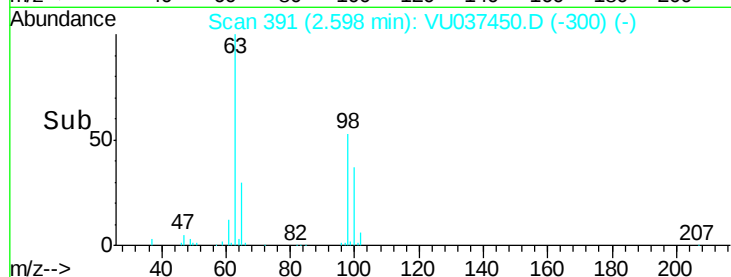
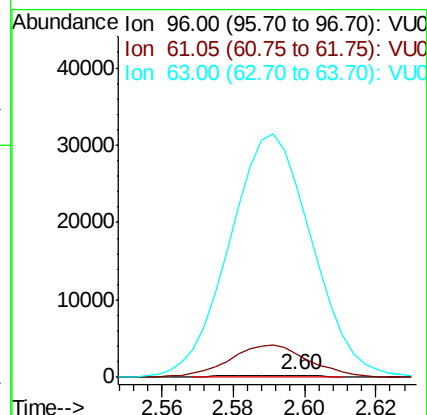
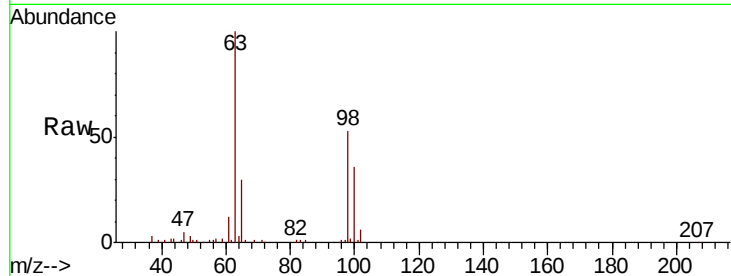
Tot Ion: 96 Resp: 464

Ion Ratio Lower Upper

96 100

61 1066.3 125.4 232.8#

63 8746.7 90.9 168.7#



#13

Acetone

Concen: 0.993 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.01 min

Lab File: VU037450.D

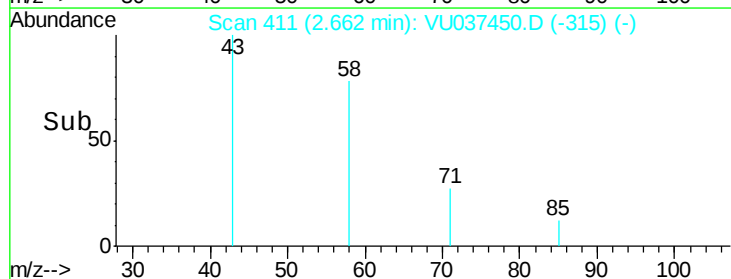
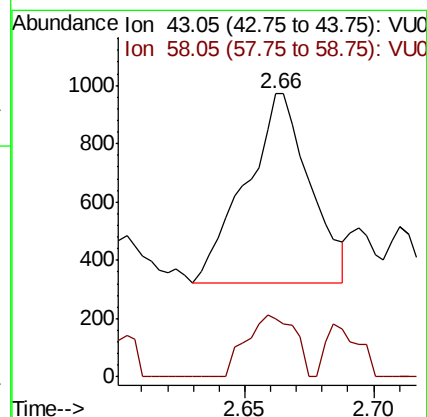
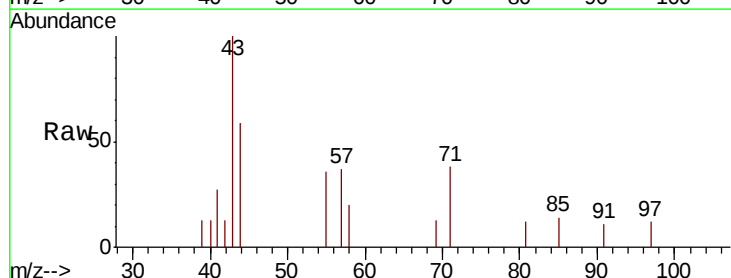
Acq: 29 Mar 2020 05:46

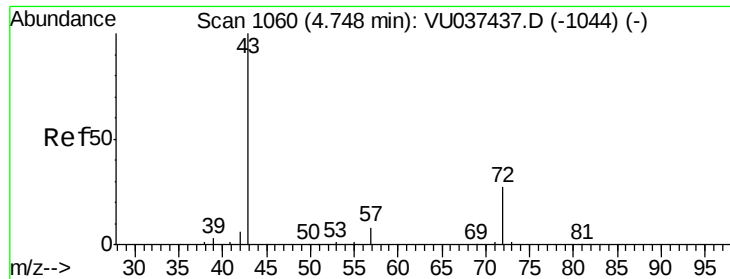
Tgt Ion: 43 Resp: 1122

Ion Ratio Lower Upper

43 100

58 24.9 0.0 66.0





#21

2-Butanone

Concen: 10.741 ug/L

RT: 4.85 min Scan# 1091

Delta R.T. 0.10 min

Lab File: VU037450.D

Acq: 29 Mar 2020 05:46

Instrument :

MSVOA_U

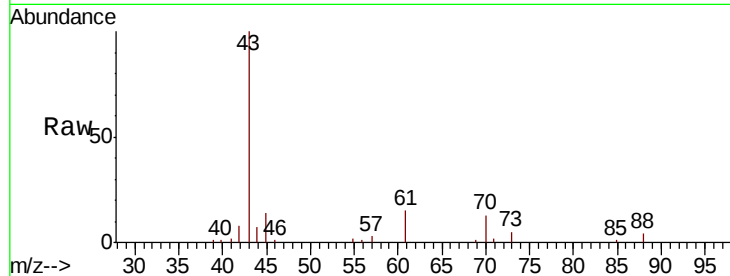
ClientSampled :

Tot Ion: 43 Resp: 20630

Ion Ratio Lower Upper

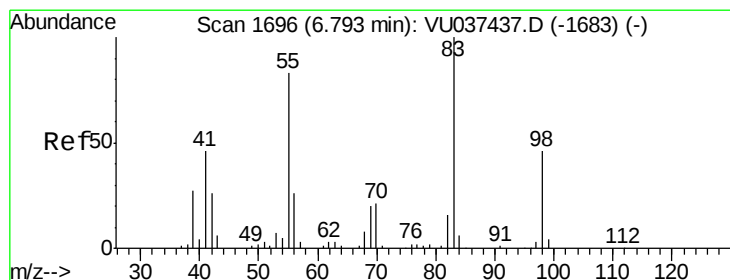
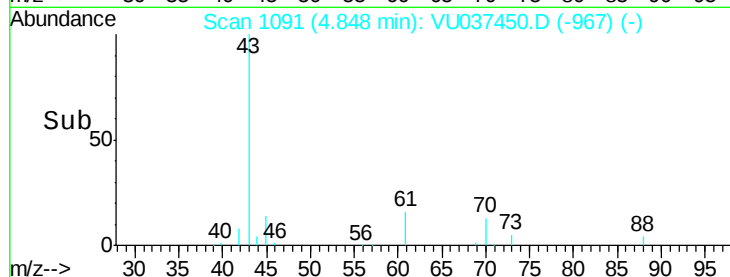
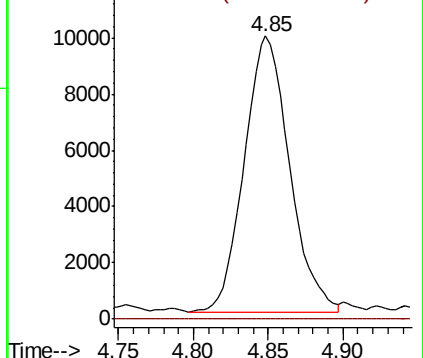
43 100

72 0.0 14.2 42.6#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 72.10 (71.80 to 72.80): VU0



#35

Methylcyclohexane

Concen: 0.829 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU037450.D

Acq: 29 Mar 2020 05:46

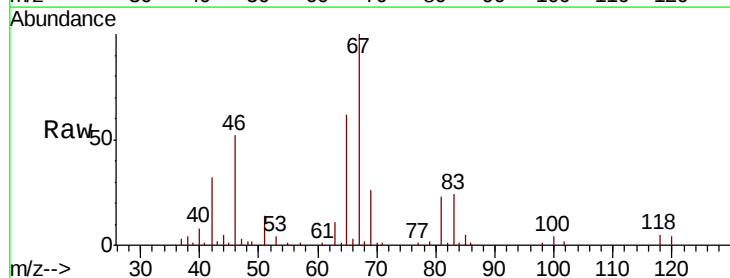
Tgt Ion: 83 Resp: 10216

Ion Ratio Lower Upper

83 100

55 2.2 64.2 96.4#

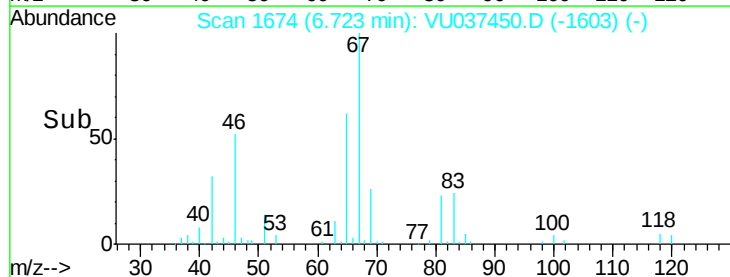
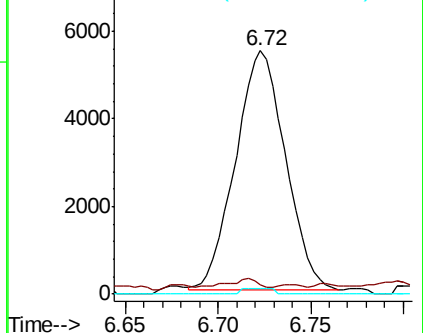
98 1.5 36.3 54.5#

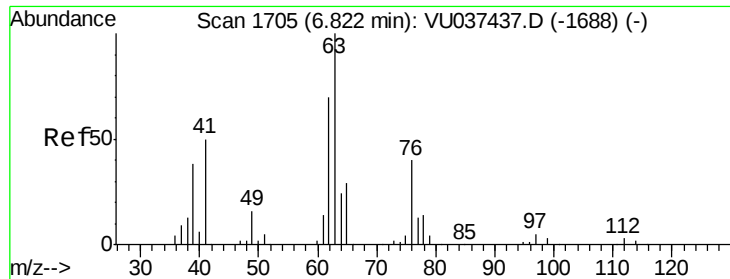


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

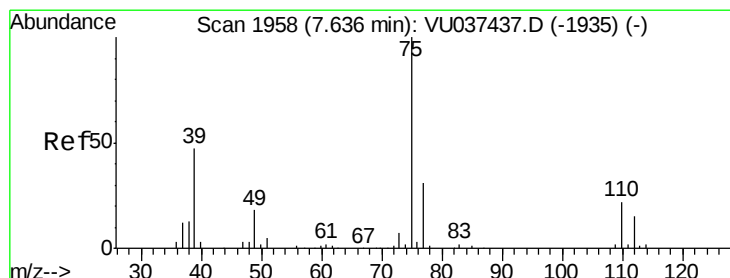
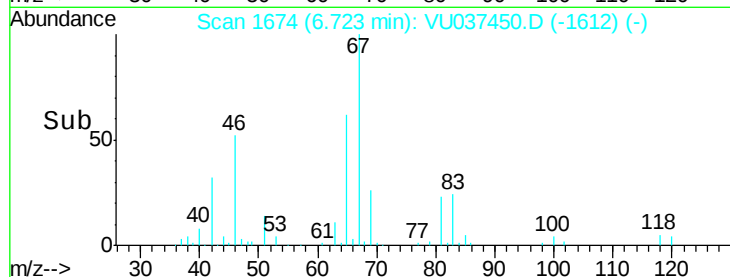
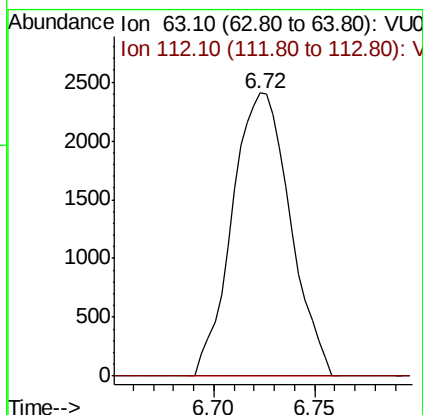
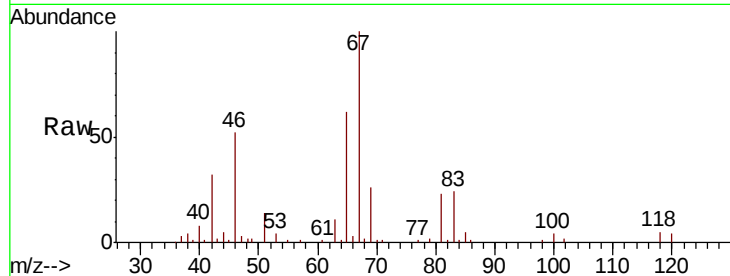




#37
 1,2-Dichloropropane
 Concen: 0.682 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU037450.D
 Acq: 29 Mar 2020 05:46

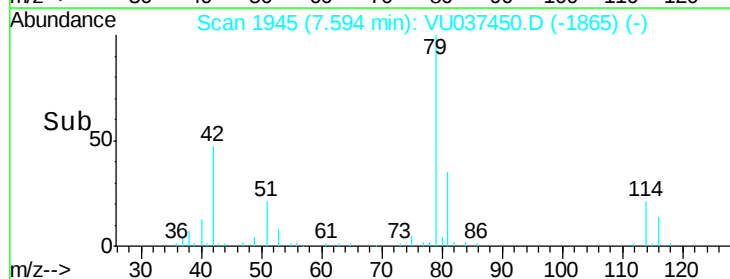
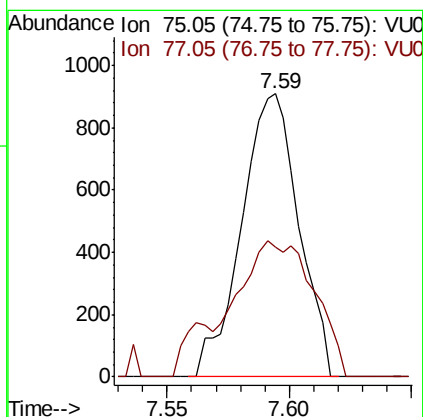
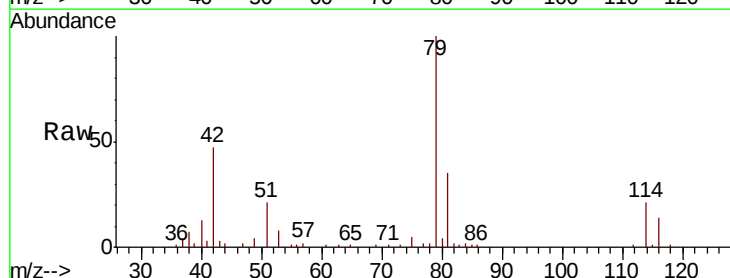
Instrument :
 MSVOA_U
 ClientSampled :

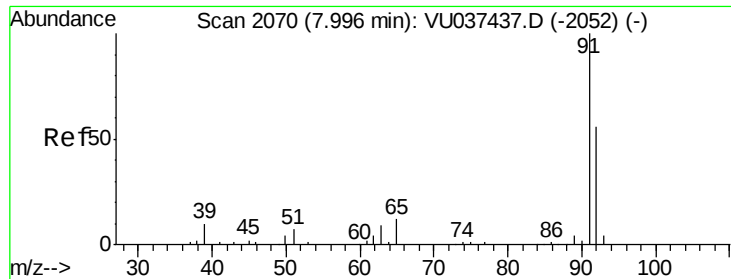
Tot Ion: 63 Resp: 4823
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.128 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037450.D
 Acq: 29 Mar 2020 05:46

Tgt Ion: 75 Resp: 1476
 Ion Ratio Lower Upper
 75 100
 77 45.9 21.1 39.3#





#42

Toluene

Concen: 0.089 ug/L

RT: 8.00 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VU037450.D

Acq: 29 Mar 2020 05:46

Instrument :

MSVOA_U

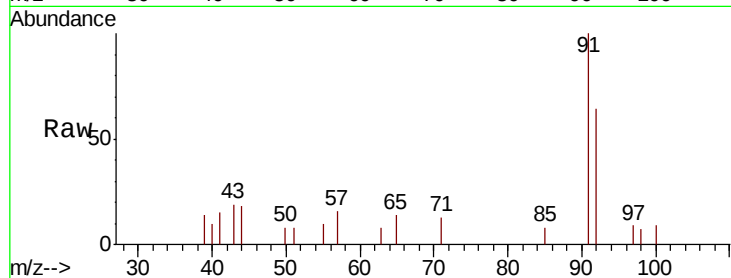
ClientSampleId :

Tot Ion: 91 Resp: 2614

Ion Ratio Lower Upper

91 100

92 63.6 39.8 73.8



Abundance Ion 91.15 (90.85 to 91.85): VU037437.D (-2052) (-)

Ion 92.15 (91.85 to 92.85): VU037437.D (-2052) (-)

8.00

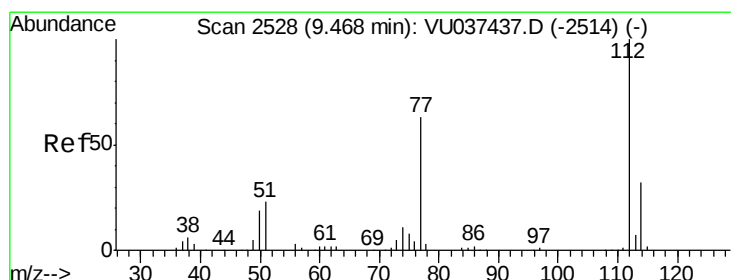
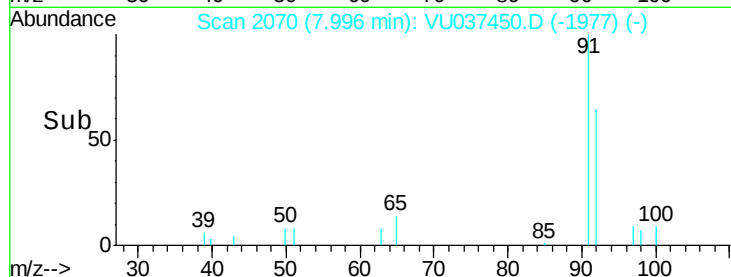
1500

1000

500

0

Time-->



#51

Chlorobenzene

Concen: 0.093 ug/L

RT: 9.47 min Scan# 2528

Delta R.T. 0.00 min

Lab File: VU037450.D

Acq: 29 Mar 2020 05:46

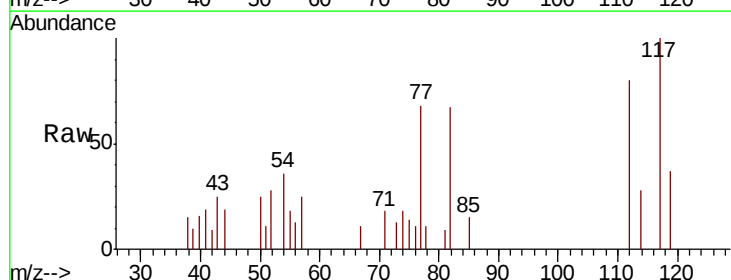
Tgt Ion: 112 Resp: 1891

Ion Ratio Lower Upper

112 100

114 34.5 22.4 41.6

77 98.6 50.5 75.7#



Abundance Ion 112.10 (111.80 to 112.80): VU037437.D (-2514) (-)

Ion 114.05 (113.75 to 114.75): VU037437.D (-2514) (-)

Ion 77.10 (76.80 to 77.80): VU037437.D (-2514) (-)

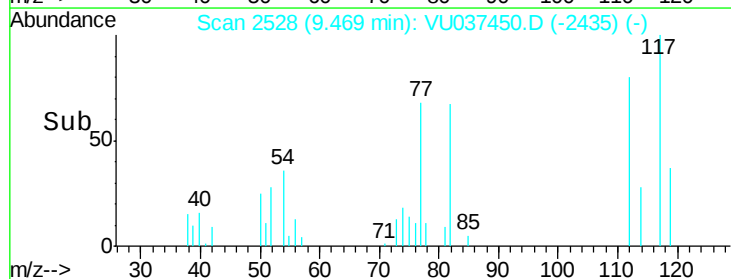
9.47

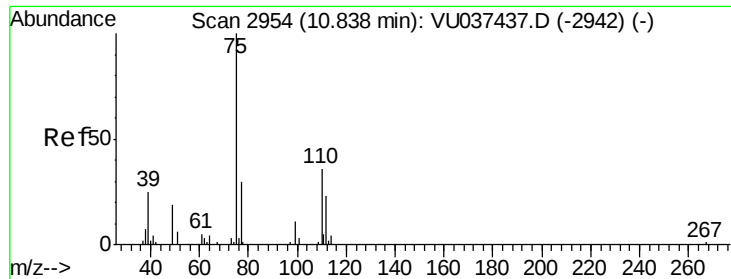
1000

500

0

Time-->





#59

1,2,3-Trichloropropane

Concen: 1.329 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU037450.D

Acq: 29 Mar 2020 05:46

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 6534

Ion Ratio Lower Upper

75 100

77 37.7 27.4 41.2

