

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031320\
 Data File : VU037245.D
 Acq On : 13 Mar 2020 16:31
 Operator : JC/MD
 Sample : L1900-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 14 00:26:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 14 00:24:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	121601	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	124068	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	54052	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	38116	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.93	69	32337	5.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.60%
11) 1,1-Dichloroethene-d2	2.59	63	53541	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	4.67	46	98834	48.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.78%
24) Chloroform-d	5.11	84	70136	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
26) 1,2-Dichloroethane-d4	5.74	65	46069	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.76	84	138637	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.73	67	44753	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.92	98	127105	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	8.20	79	19001	4.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.40%
46) 2-Hexanone-d5	8.66	63	79449	47.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.86%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	36003	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	46881	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

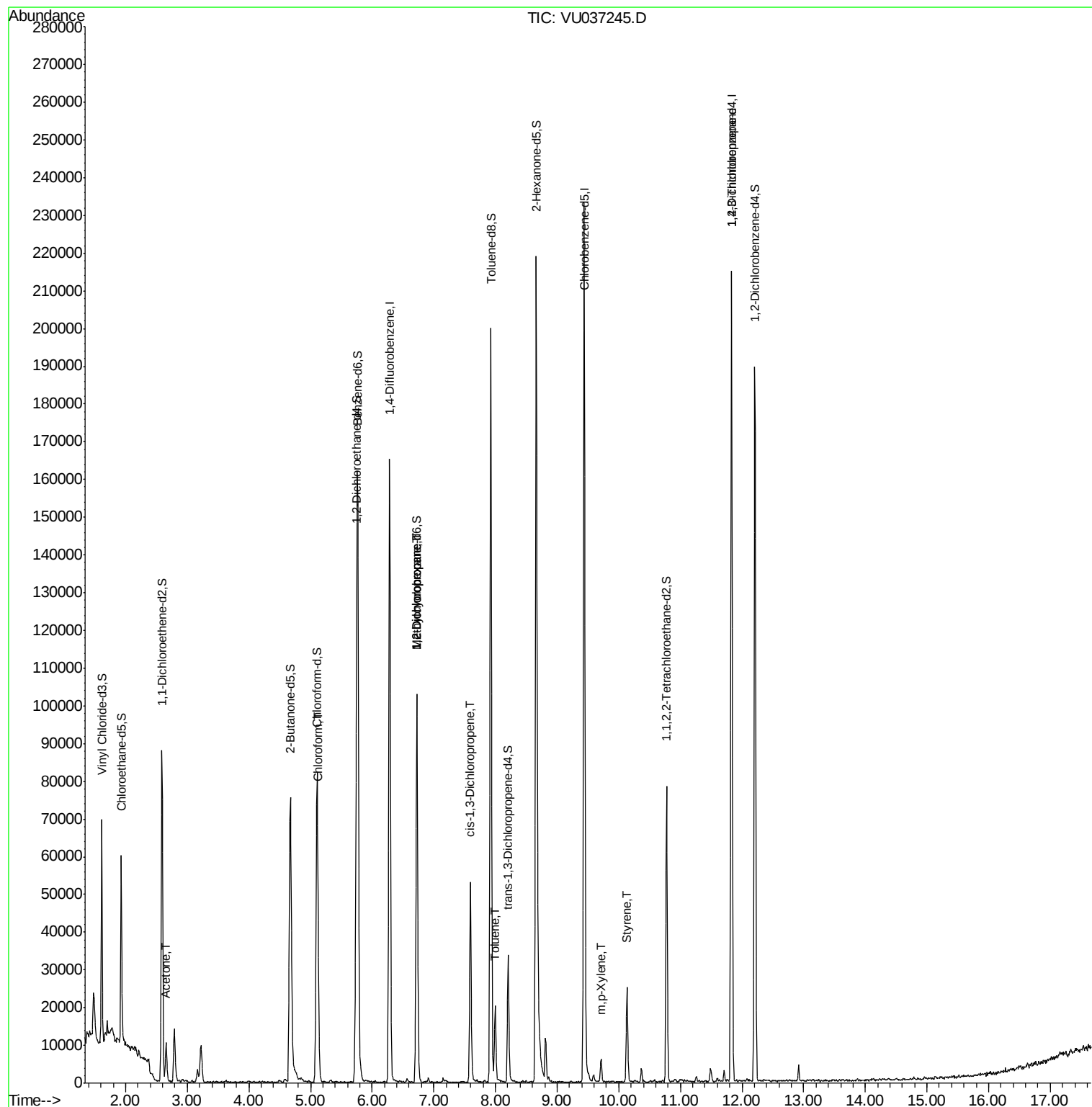
					Ovalue
13) Acetone	2.66	43	11692	6.986	ug/L 95
25) Chloroform	5.12	83	8349	0.451	ug/L 96
35) Methylcyclohexane	6.73	83	10377	0.678	ug/L # 15
37) 1,2-Dichloropropane	6.73	63	5969	0.618	ug/L # 88
39) cis-1,3-Dichloropropene	7.59	75	1675	0.121	ug/L # 75
42) Toluene	8.00	91	12996	0.330	ug/L 99
53) m,p-Xylene	9.71	106	1642	0.105	ug/L 81
55) Styrene	10.13	104	11810	0.472	ug/L 90
59) 1,2,3-Trichloropropane	11.83	75	7349	1.064	ug/L 89

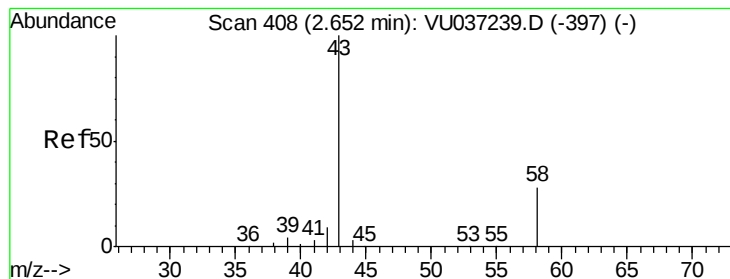
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.986 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.01 min

Lab File: VU037245.D

Acq: 13 Mar 2020 16:31

Instrument :

MSVOA_U

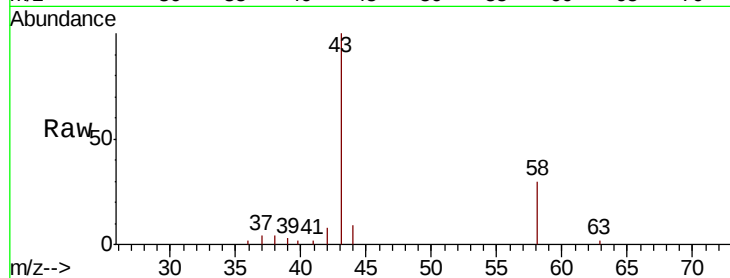
ClientSampleId :

Tot Ion: 43 Resp: 11692

Ion Ratio Lower Upper

43 100

58 28.8 0.0 52.2



Abundance Ion 43.05 (42.75 to 43.75): VU037239.D (-397) (-)

Ion 58.05 (57.75 to 58.75): VU037239.D (-397) (-)

2.66

6000

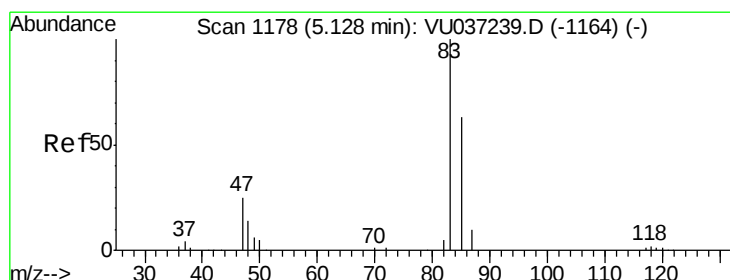
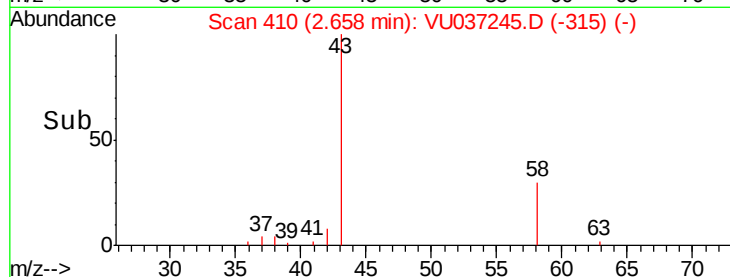
4000

2000

0

Time-->

2.60 2.65 2.70



#25

Chloroform

Concen: 0.451 ug/L

RT: 5.12 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VU037245.D

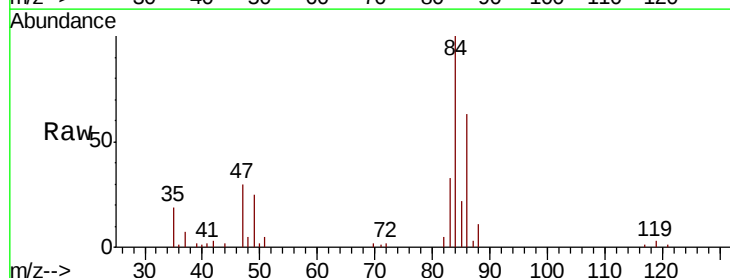
Acq: 13 Mar 2020 16:31

Tgt Ion: 83 Resp: 8349

Ion Ratio Lower Upper

83 100

85 67.5 45.3 84.1



Abundance Ion 83.05 (82.75 to 83.75): VU037239.D (-1164) (-)

Ion 85.00 (84.70 to 85.70): VU037239.D (-1164) (-)

5.12

4000

3000

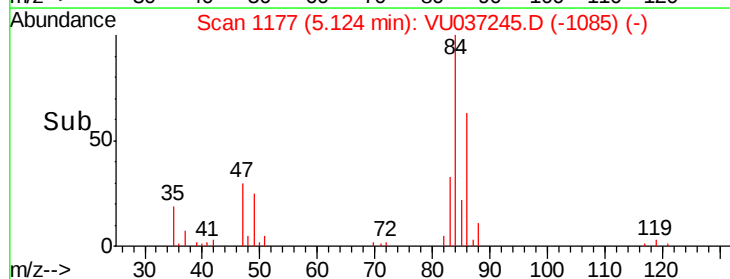
2000

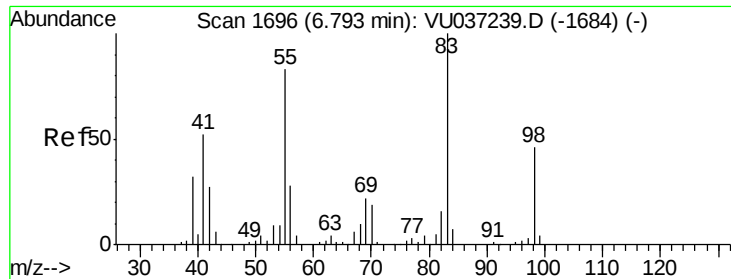
1000

0

Time-->

5.10 5.15 5.20

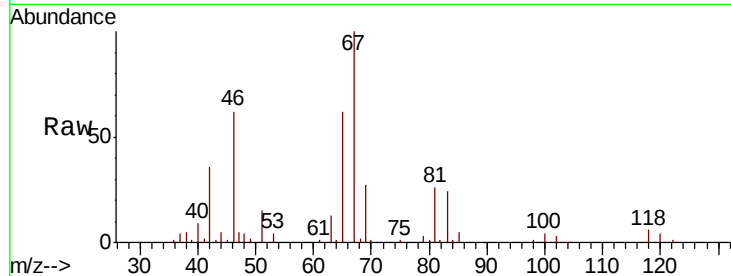




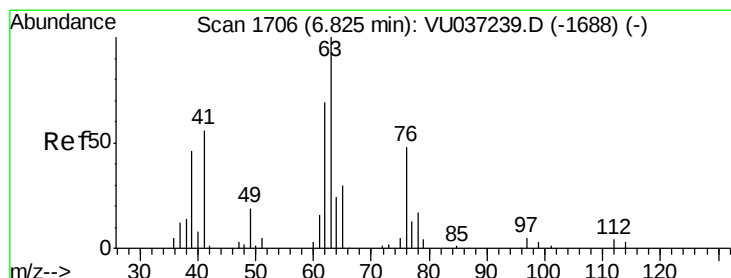
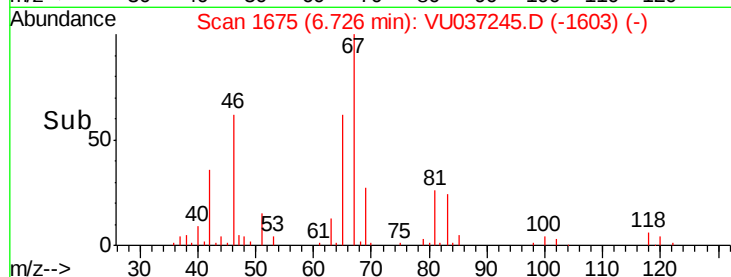
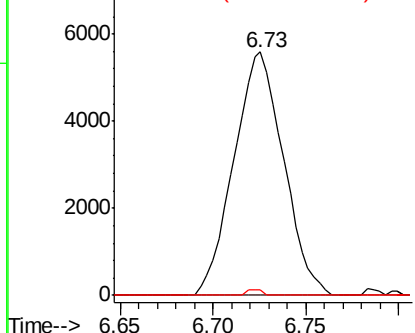
#35
Methvlcvclohexane
Concen: 0.678 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU037245.D
Acq: 13 Mar 2020 16:31

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 10377
Ion Ratio Lower Upper
83 100
55 0.0 68.1 102.1#
98 0.7 37.0 55.4#

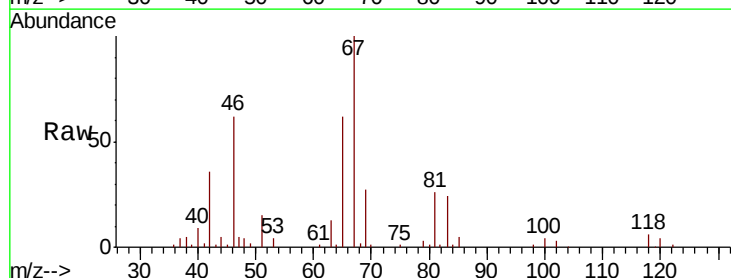


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

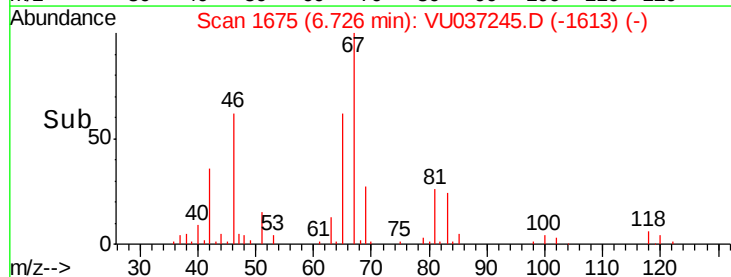
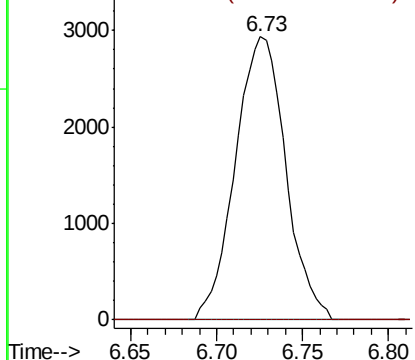


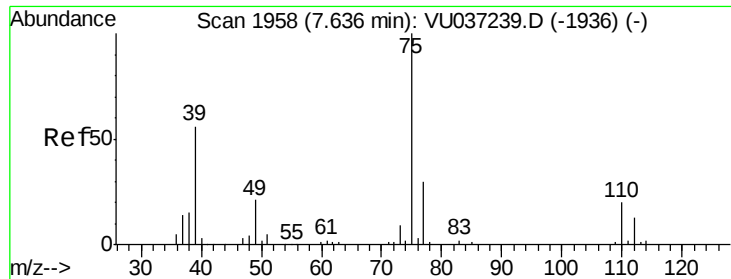
#37
1,2-Dichloropropane
Concen: 0.618 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU037245.D
Acq: 13 Mar 2020 16:31

Tgt Ion: 63 Resp: 5969
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

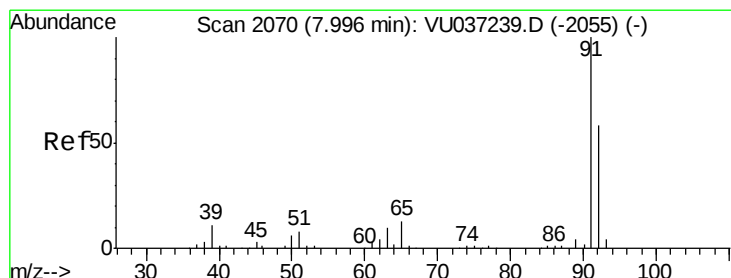
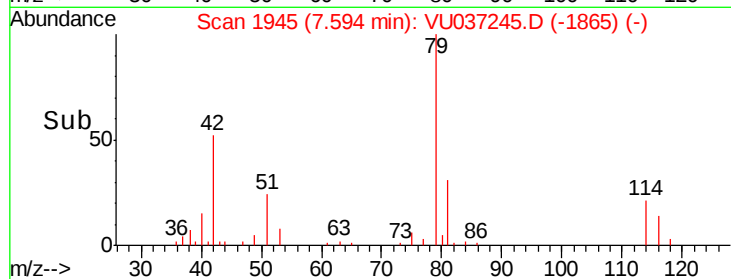
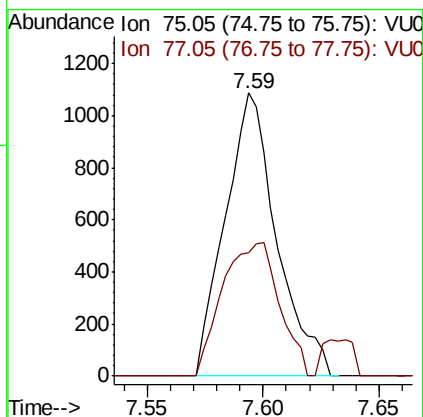
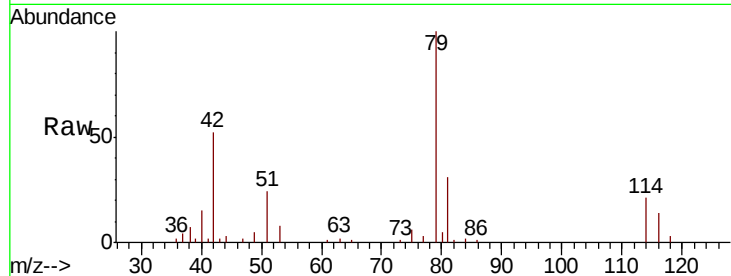




#39
 cis-1,3-Dichloropropene
 Concen: 0.121 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037245.D
 Acq: 13 Mar 2020 16:31

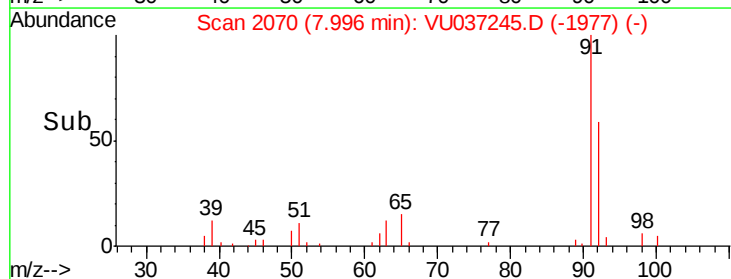
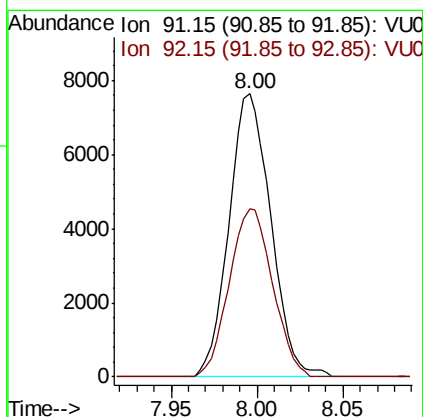
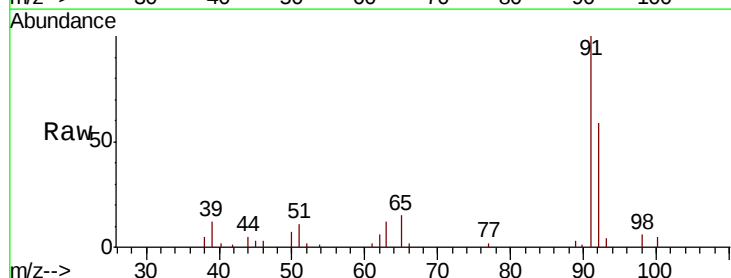
Instrument :
 MSVOA_U
 ClientSampleId :

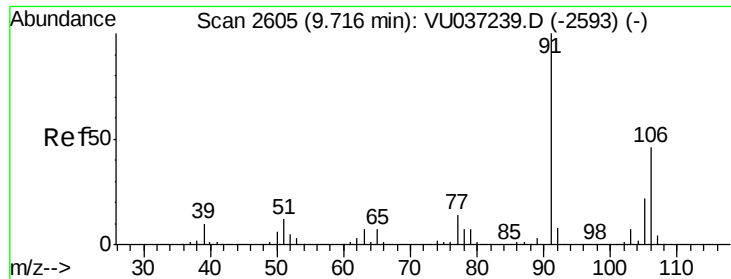
Tot Ion: 75 Resp: 1675
 Ion Ratio Lower Upper
 75 100
 77 43.5 21.1 39.1#



#42
 Toluene
 Concen: 0.330 ug/L
 RT: 8.00 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VU037245.D
 Acq: 13 Mar 2020 16:31

Tgt Ion: 91 Resp: 12996
 Ion Ratio Lower Upper
 91 100
 92 59.2 41.0 76.2





#53

m,p-Xylene

Concen: 0.105 ug/L

RT: 9.71 min Scan# 2603

Delta R.T. -0.01 min

Lab File: VU037245.D

Acq: 13 Mar 2020 16:31

Instrument :

MSVOA_U

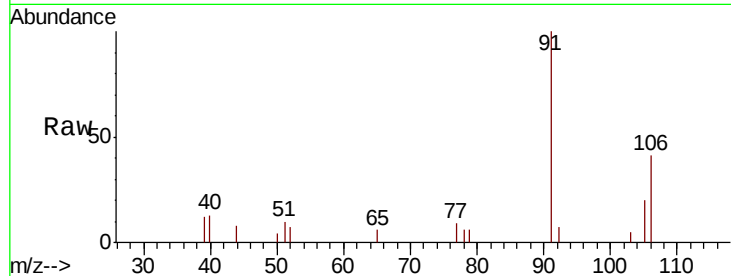
ClientSampleId :

Tot Ion:106 Resp: 1642

Ion Ratio Lower Upper

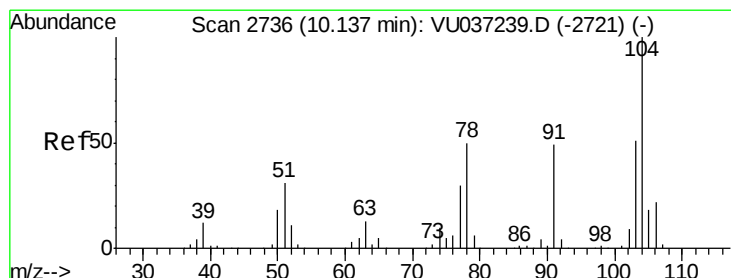
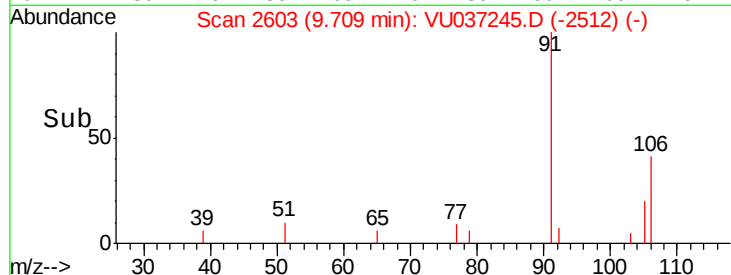
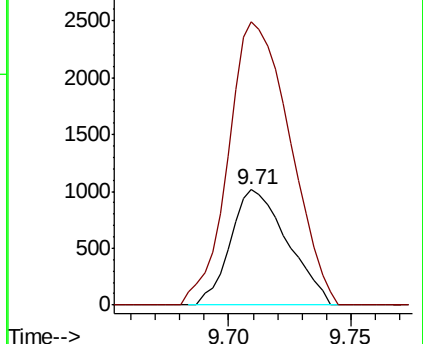
106 100

91 245.0 150.4 279.4



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#55

Styrene

Concen: 0.472 ug/L

RT: 10.13 min Scan# 2735

Delta R.T. -0.00 min

Lab File: VU037245.D

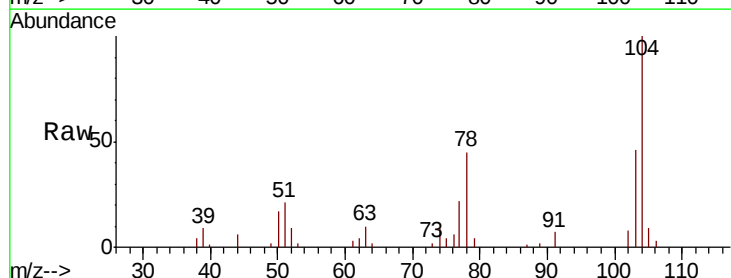
Acq: 13 Mar 2020 16:31

Tgt Ion:104 Resp: 11810

Ion Ratio Lower Upper

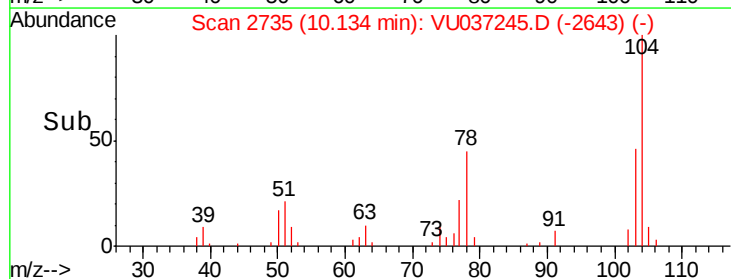
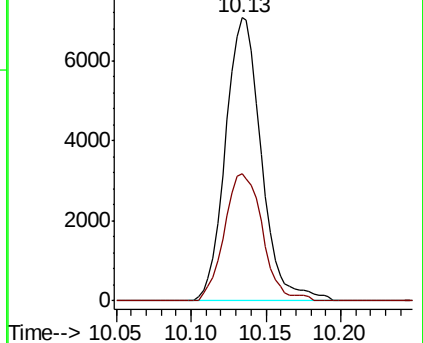
104 100

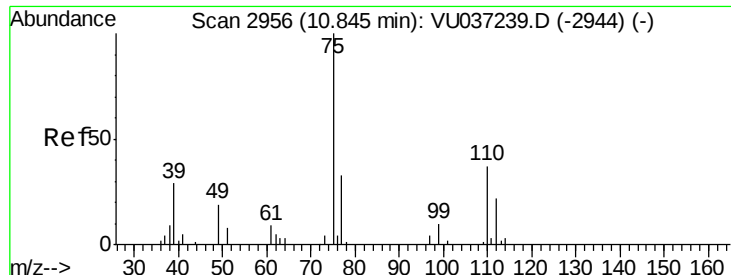
78 45.0 36.2 67.2



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VU0





#59

1,2,3-Trichloropropane

Concen: 1.064 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU037245.D

Acq: 13 Mar 2020 16:31

Instrument :

MSVOA_U

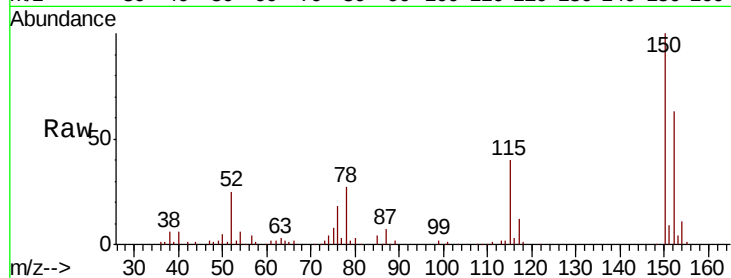
ClientSampleId :

Tot Ion: 75 Resp: 7349

Ion Ratio Lower Upper

75 100

77 40.4 27.4 41.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

