

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031620\
 Data File : VU037304.D
 Acq On : 16 Mar 2020 19:54
 Operator : JC/MD
 Sample : L1883-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 17 01:36:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 17 01:33:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	120144	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	121522	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	52629	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	30614	4.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.80%
7) Chloroethane-d5	1.93	69	28777	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.80%
11) 1,1-Dichloroethene-d2	2.59	63	46348	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	4.68	46	100263	53.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.04%
24) Chloroform-d	5.11	84	74129	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.74	65	44163	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	5.76	84	130678	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.72	67	43372	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.93	98	117184	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	8.20	79	18093	4.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.20%
46) 2-Hexanone-d5	8.66	63	83997	50.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.18%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	36517	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	46075	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

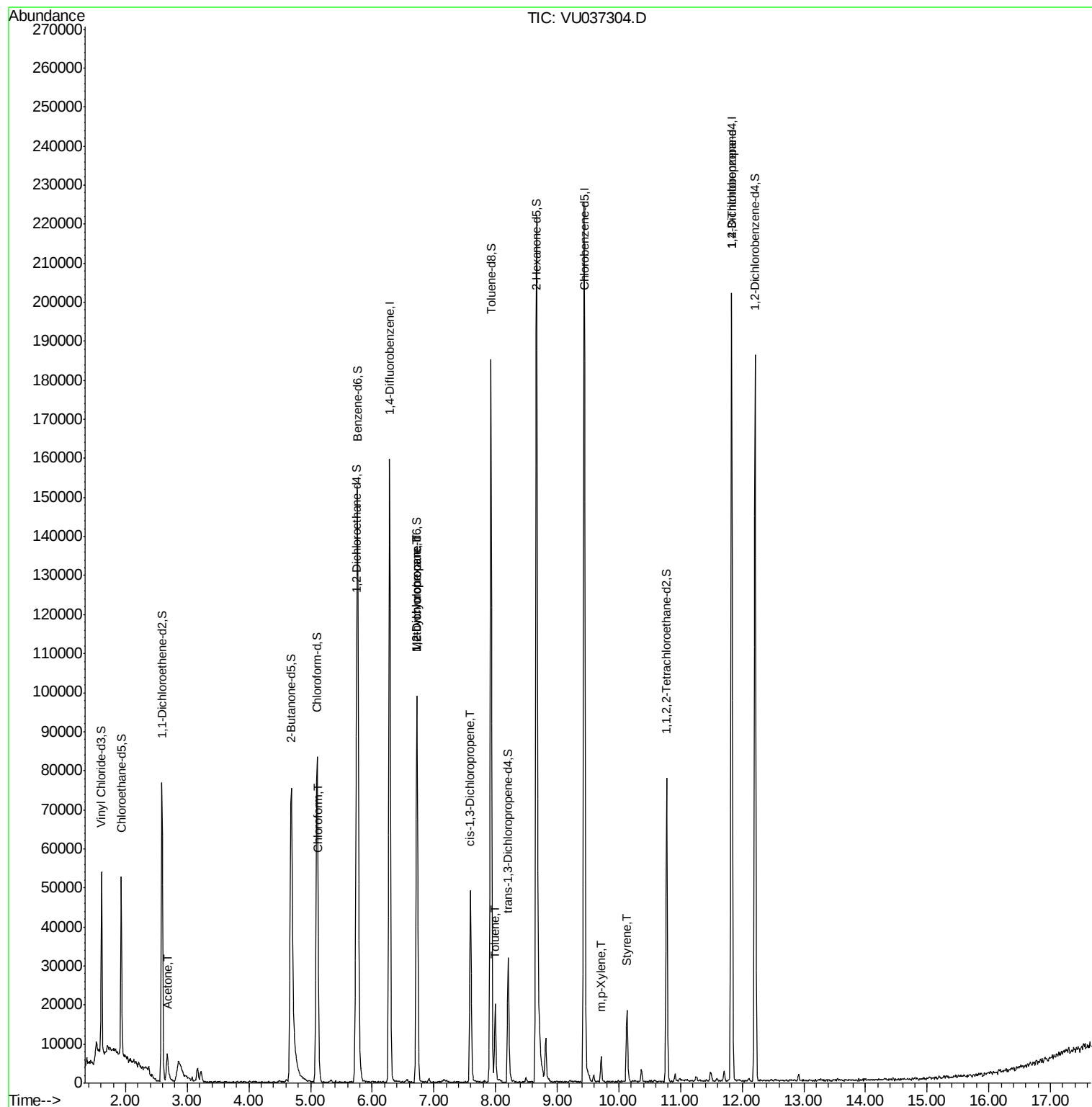
					Ovalue
13) Acetone	2.68	43	11339	7.089 ug/L	93
25) Chloroform	5.13	83	3770	0.207 ug/L	91
35) Methylcyclohexane	6.73	83	10674	0.708 ug/L #	15
37) 1,2-Dichloropropane	6.73	63	5427	0.562 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	1530	0.105 ug/L #	52
42) Toluene	8.00	91	13713	0.349 ug/L	98
53) m,p-Xylene	9.72	106	1899	0.116 ug/L	99
55) Styrene	10.13	104	8790	0.333 ug/L	93
59) 1,2,3-Trichloropropane	11.83	75	6615	0.965 ug/L #	87

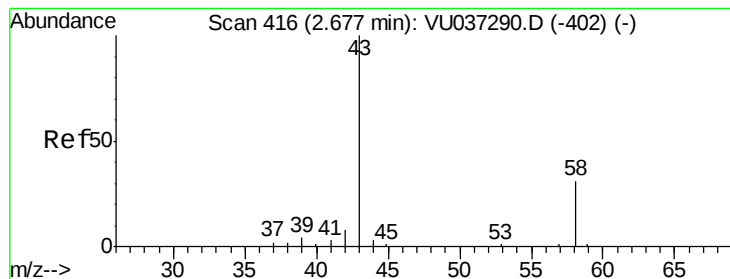
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.089 ug/L

RT: 2.68 min Scan# 416

Delta R.T. 0.00 min

Lab File: VU037304.D

Acq: 16 Mar 2020 19:54

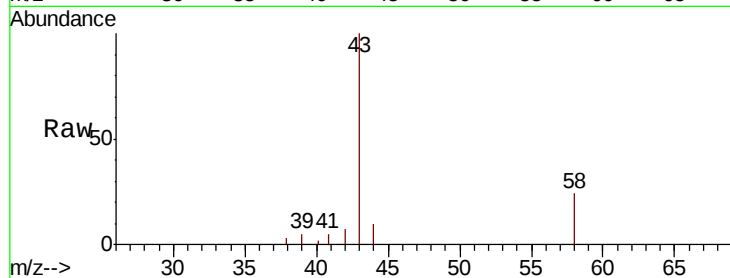
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 11339

Ion Ratio Lower Upper

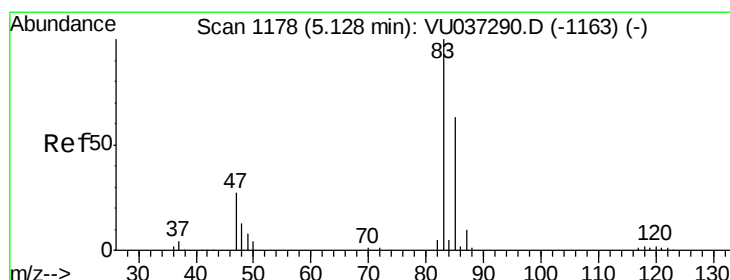
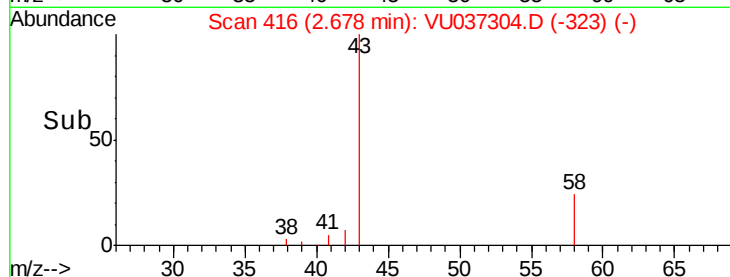
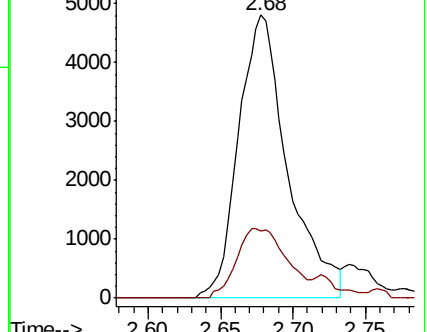
43 100

58 25.3 0.0 58.0



Abundance Ion 43.05 (42.75 to 43.75): VU037290.D (-402) (-)

Ion 58.05 (57.75 to 58.75): VU037290.D (-402) (-)



#25

Chloroform

Concen: 0.207 ug/L

RT: 5.13 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VU037304.D

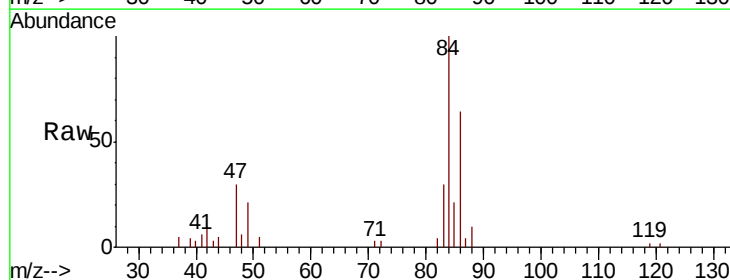
Acq: 16 Mar 2020 19:54

Tgt Ion: 83 Resp: 3770

Ion Ratio Lower Upper

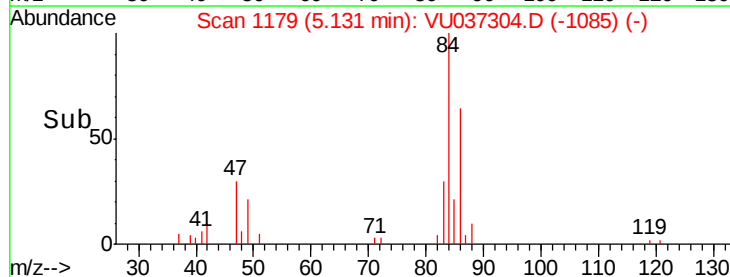
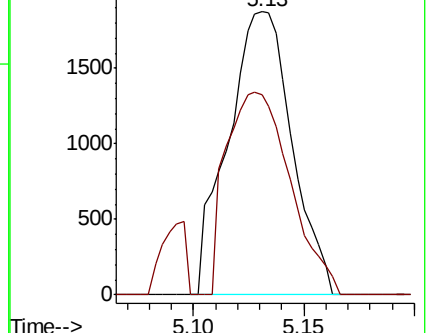
83 100

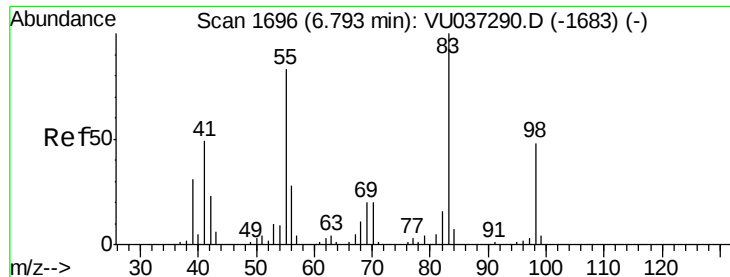
85 70.5 44.7 82.9



Abundance Ion 83.05 (82.75 to 83.75): VU037290.D (-1163) (-)

Ion 85.00 (84.70 to 85.70): VU037290.D (-1163) (-)

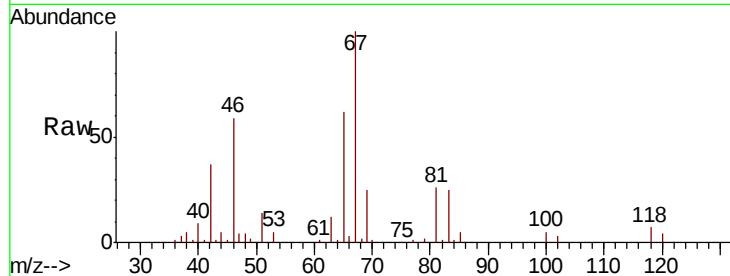




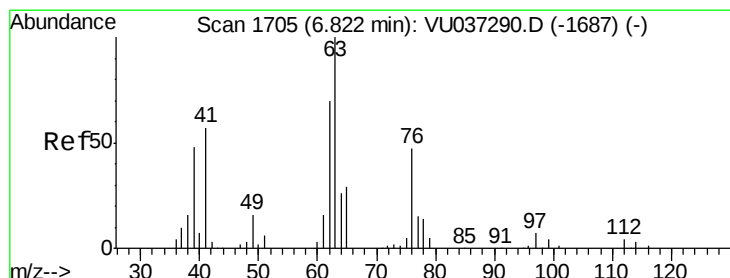
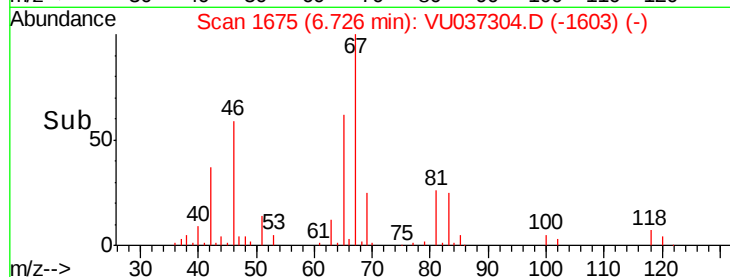
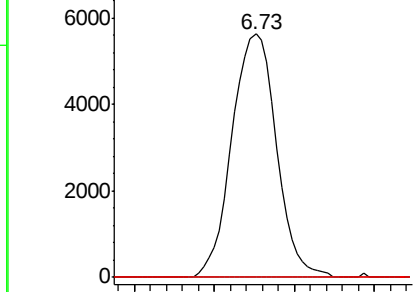
#35
Methylcyclohexane
Concen: 0.708 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU037304.D
Acq: 16 Mar 2020 19:54

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 10674
Ion Ratio Lower Upper
83 100
55 0.0 67.0 100.6#
98 0.0 37.4 56.0#

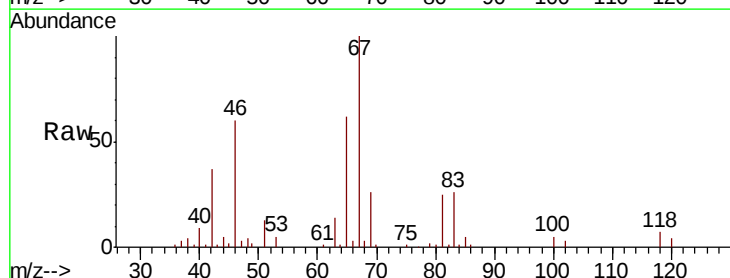


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

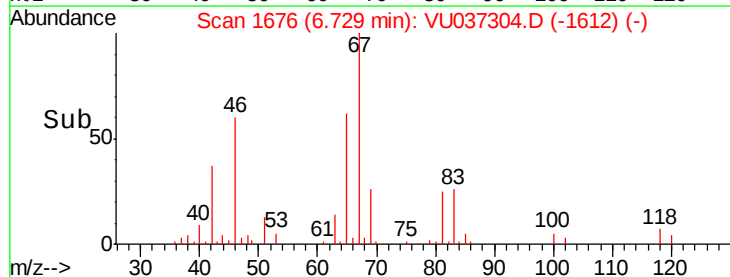
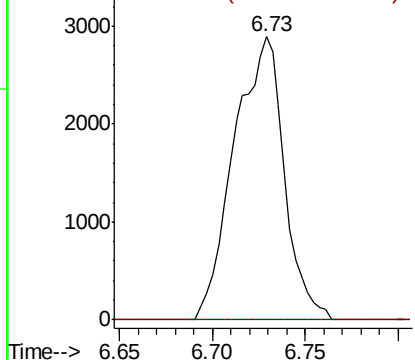


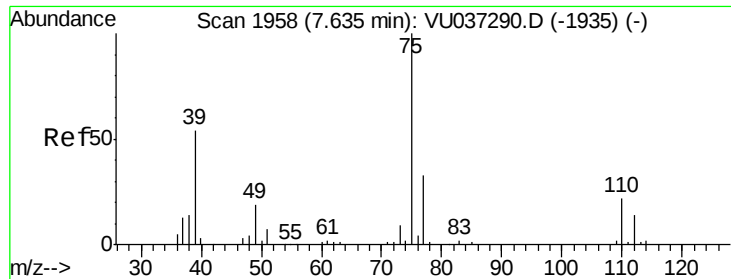
#37
1,2-Dichloropropane
Concen: 0.562 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.09 min
Lab File: VU037304.D
Acq: 16 Mar 2020 19:54

Tgt Ion: 63 Resp: 5427
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



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

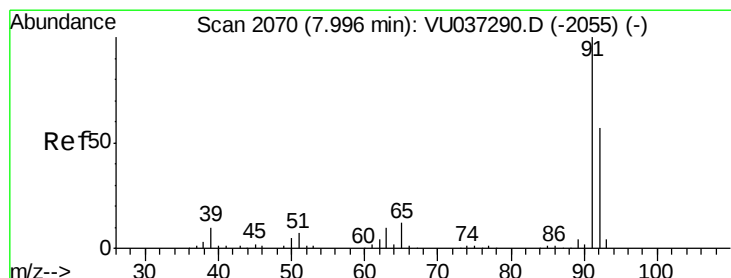
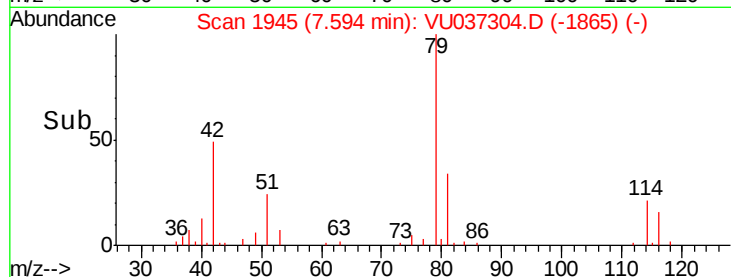
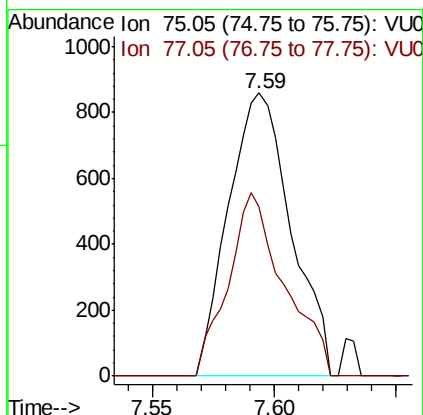
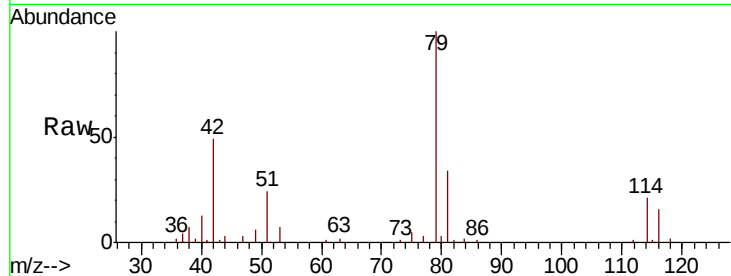




#39
 cis-1,3-Dichloropropene
 Concen: 0.105 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037304.D
 Acq: 16 Mar 2020 19:54

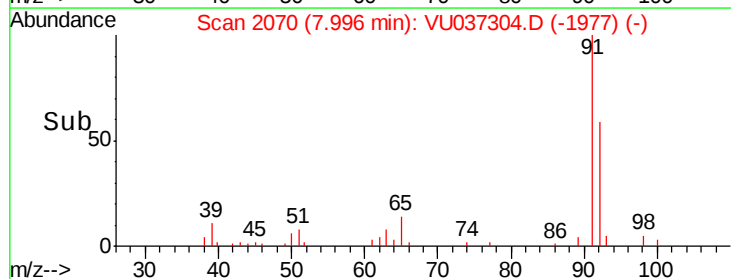
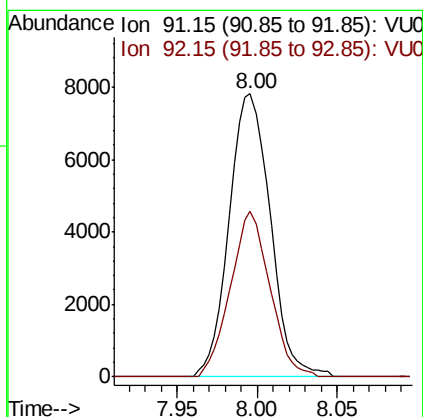
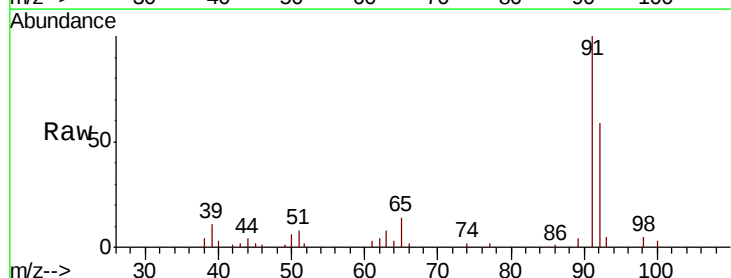
Instrument :
 MSVOA_U
 ClientSampled :

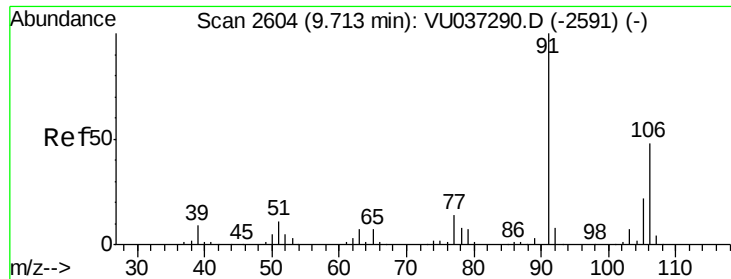
Tot Ion: 75 Resp: 1530
 Ion Ratio Lower Upper
 75 100
 77 59.7 23.0 42.8#



#42
 Toluene
 Concen: 0.349 ug/L
 RT: 8.00 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VU037304.D
 Acq: 16 Mar 2020 19:54

Tgt Ion: 91 Resp: 13713
 Ion Ratio Lower Upper
 91 100
 92 58.6 39.8 73.8





#53

m,p-Xylene

Concen: 0.116 ug/L

RT: 9.72 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VU037304.D

Acq: 16 Mar 2020 19:54

Instrument :

MSVOA_U

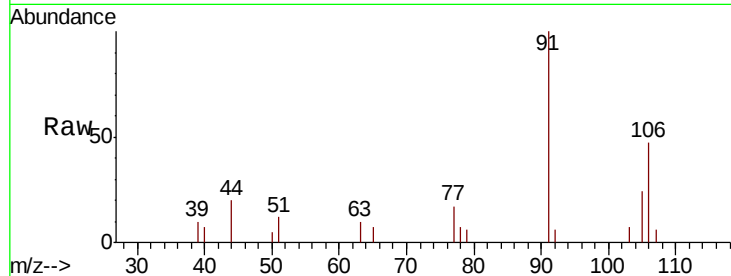
ClientSampled :

Tot Ion:106 Resp: 1899

Ion Ratio Lower Upper

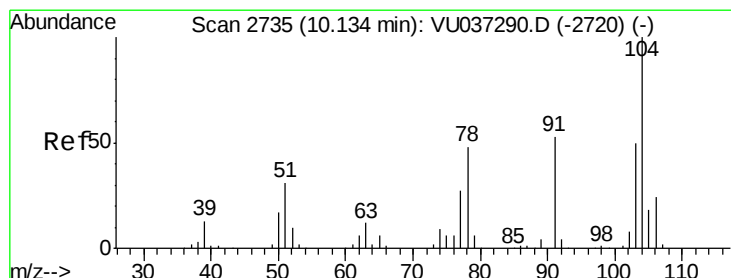
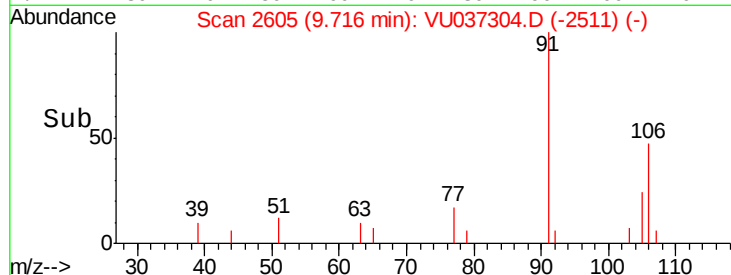
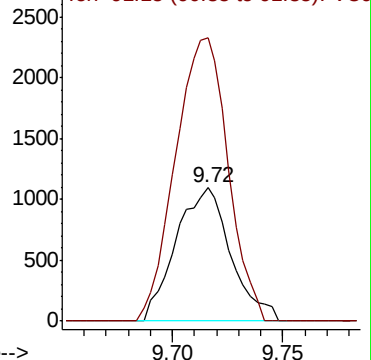
106 100

91 212.5 147.2 273.4



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#55

Styrene

Concen: 0.333 ug/L

RT: 10.13 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VU037304.D

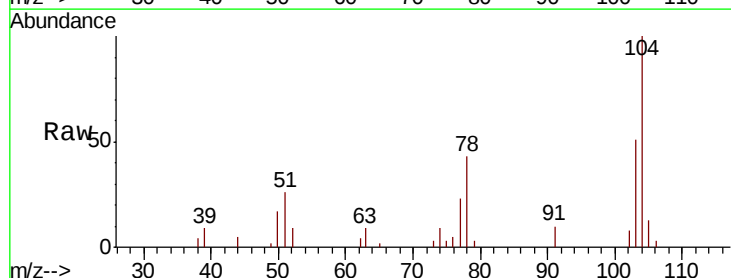
Acq: 16 Mar 2020 19:54

Tgt Ion:104 Resp: 8790

Ion Ratio Lower Upper

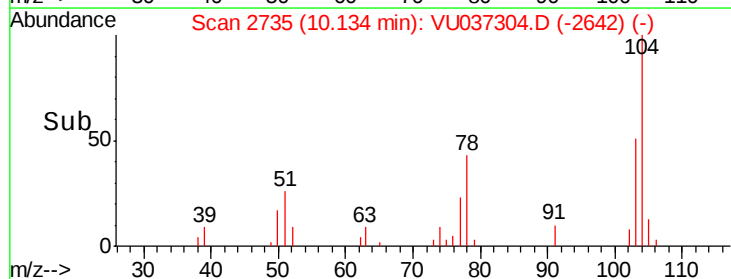
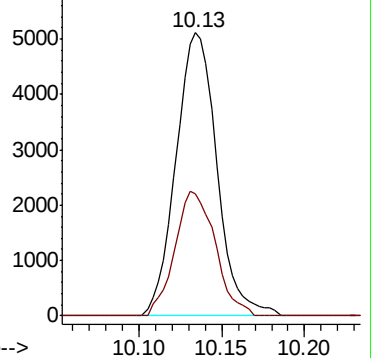
104 100

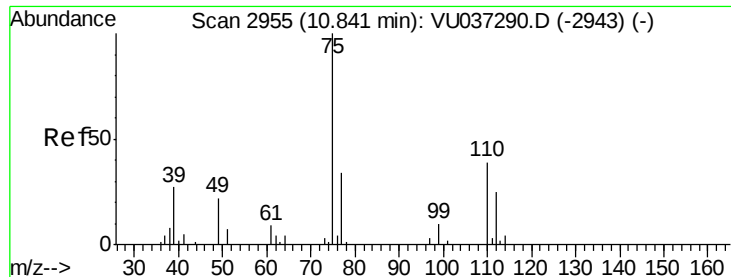
78 43.3 33.6 62.4



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: 0.965 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.99 min

Lab File: VU037304.D

Acq: 16 Mar 2020 19:54

Instrument :

MSVOA_U

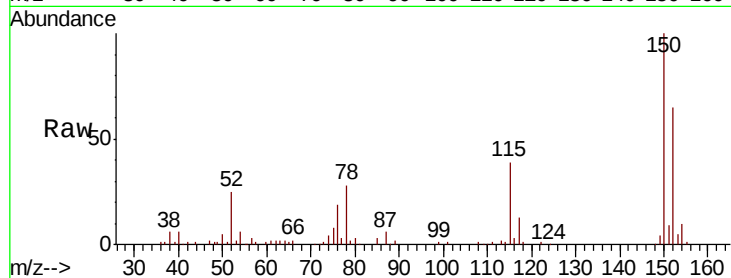
ClientSampleId :

Tot Ion: 75 Resp: 6615

Ion Ratio Lower Upper

75 100

77 40.5 26.4 39.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

