

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031620\
 Data File : VU037301.D
 Acq On : 16 Mar 2020 18:40
 Operator : JC/MD
 Sample : L1923-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 17 01:36:22 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	125302	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	125552	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	55359	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	30602	4.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.80%
7) Chloroethane-d5	1.93	69	29437	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.00%
11) 1,1-Dichloroethene-d2	2.59	63	47049	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	4.67	46	105208	53.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.68%
24) Chloroform-d	5.11	84	74856	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.74	65	45560	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.76	84	135596	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.72	67	43319	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.92	98	119572	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	8.20	79	18104	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	8.66	63	82929	47.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.72%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	37066	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	46584	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

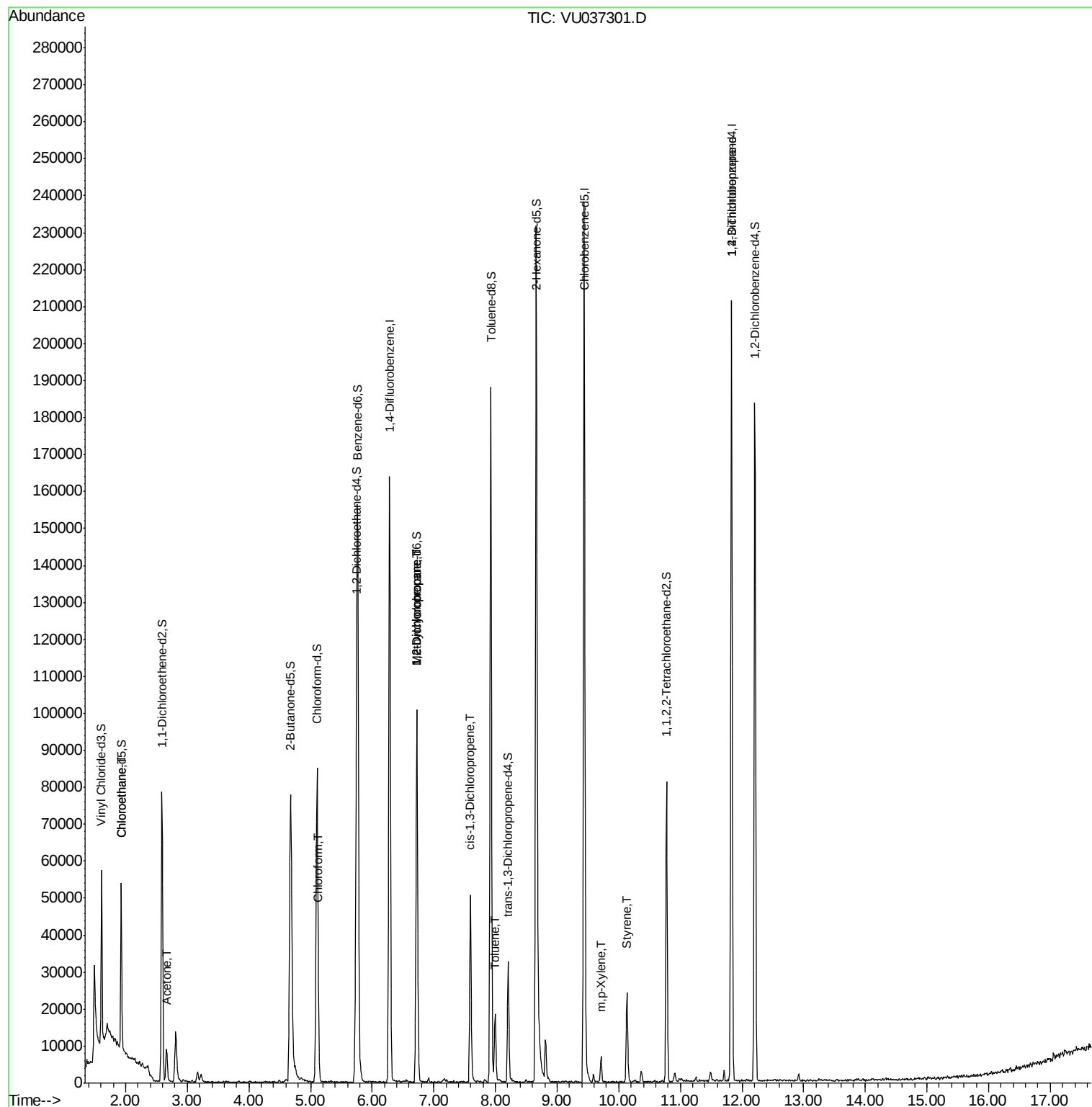
					Ovalue
8) Chloroethane	1.93	64	1165	0.159 ug/L #	56
13) Acetone	2.66	43	10983	6.584 ug/L	95
25) Chloroform	5.13	83	3511	0.185 ug/L	96
35) Methylcyclohexane	6.72	83	10801	0.693 ug/L #	16
37) 1,2-Dichloropropane	6.73	63	5505	0.552 ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	1574	0.105 ug/L #	74
42) Toluene	8.00	91	12646	0.311 ug/L	96
53) m,p-Xylene	9.72	106	1906	0.112 ug/L	84
55) Styrene	10.13	104	11879	0.436 ug/L	97
59) 1,2,3-Trichloropropane	11.83	75	7477	1.056 ug/L	95

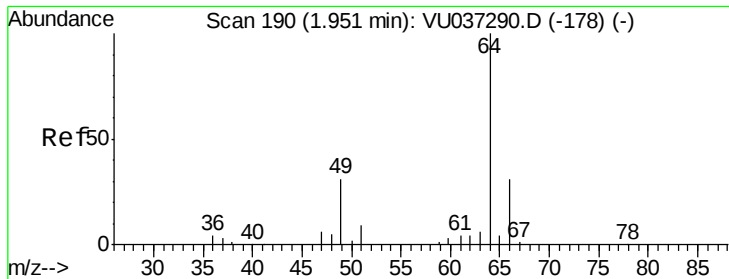
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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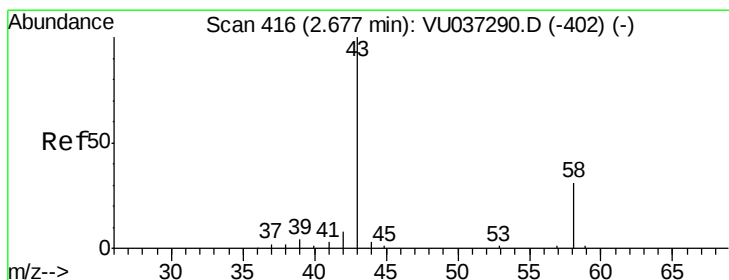
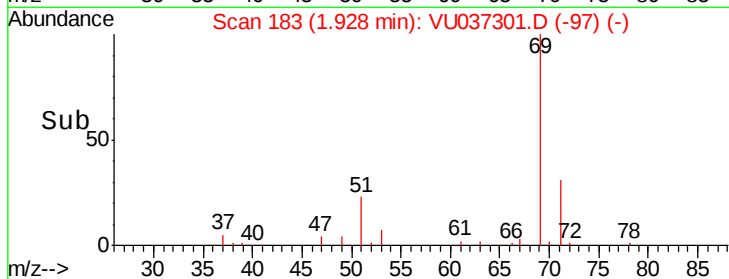
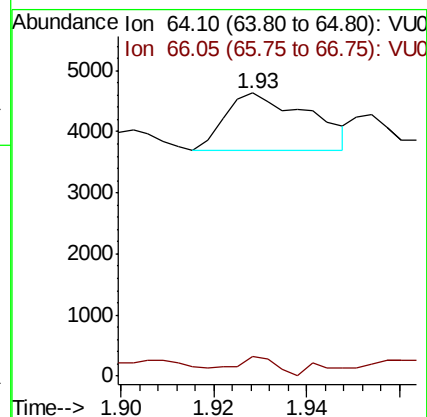
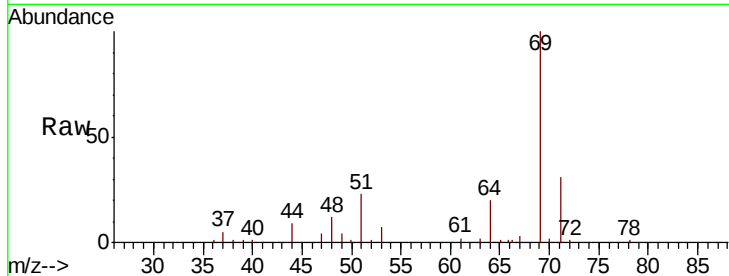




#8
Chloroethane
Concen: 0.159 ug/L
RT: 1.93 min Scan# 183
Delta R.T. -0.02 min
Lab File: VU037301.D
Acq: 16 Mar 2020 18:40

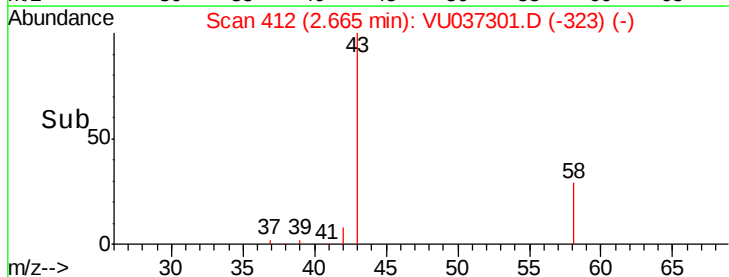
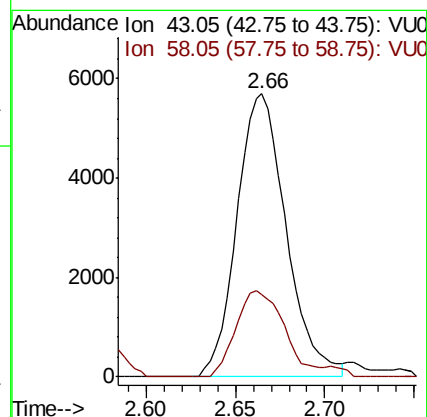
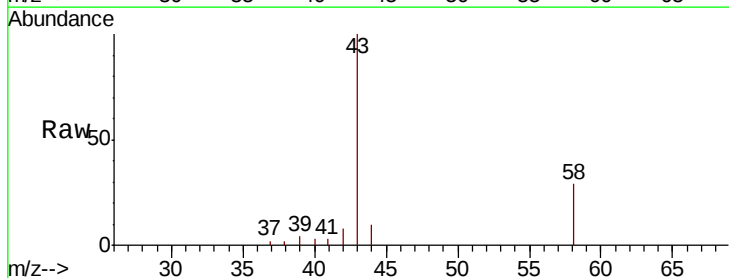
Instrument :
MSVOA_U
ClientSampled :

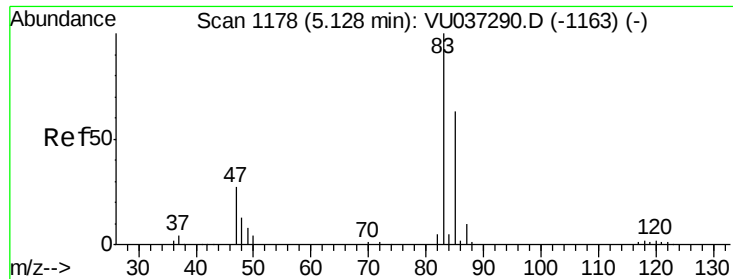
Tot Ion: 64 Resp: 1165
Ion Ratio Lower Upper
64 100
66 7.0 21.7 40.3#



#13
Acetone
Concen: 6.584 ug/L
RT: 2.66 min Scan# 412
Delta R.T. -0.01 min
Lab File: VU037301.D
Acq: 16 Mar 2020 18:40

Tgt Ion: 43 Resp: 10983
Ion Ratio Lower Upper
43 100
58 31.4 0.0 58.0

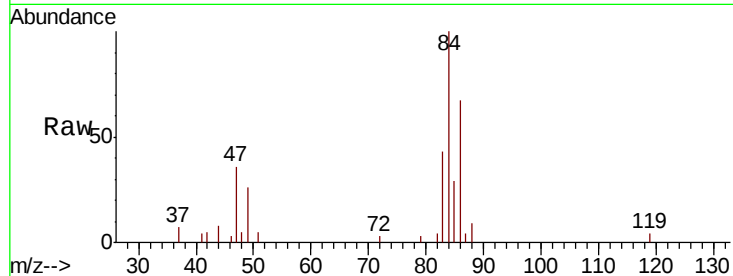




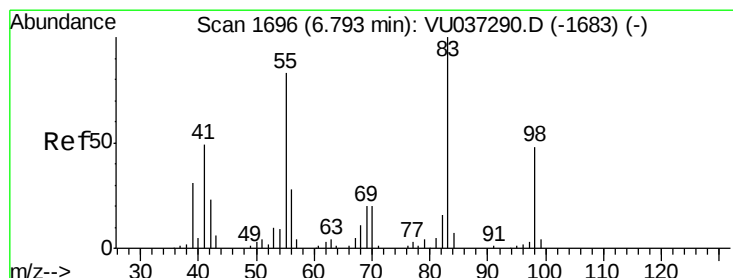
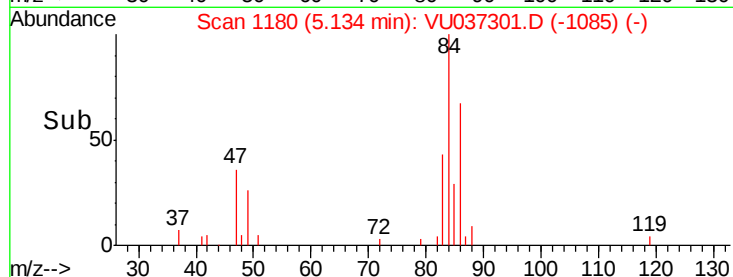
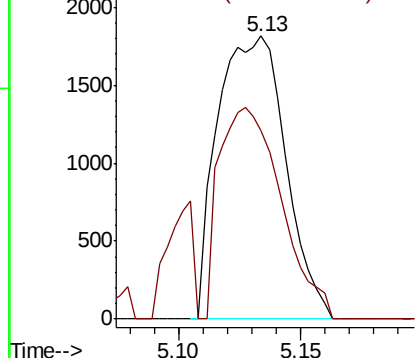
#25
Chloroform
Concen: 0.185 ug/L
RT: 5.13 min Scan# 1180
Delta R.T. 0.01 min
Lab File: VU037301.D
Acq: 16 Mar 2020 18:40

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 3511
Ion Ratio Lower Upper
83 100
85 66.8 44.7 82.9

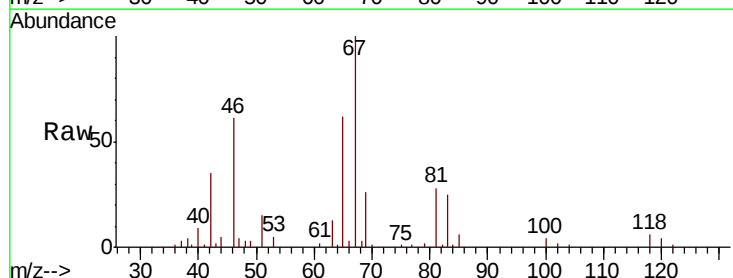


Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

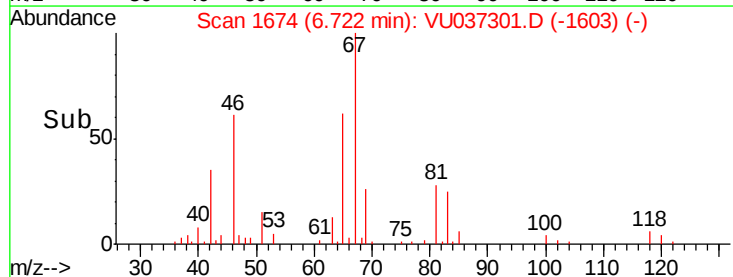
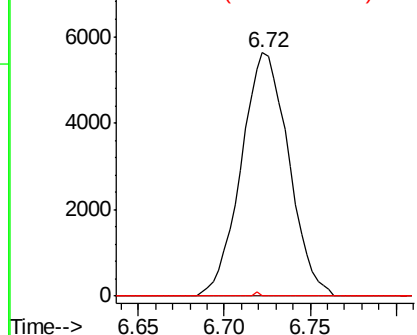


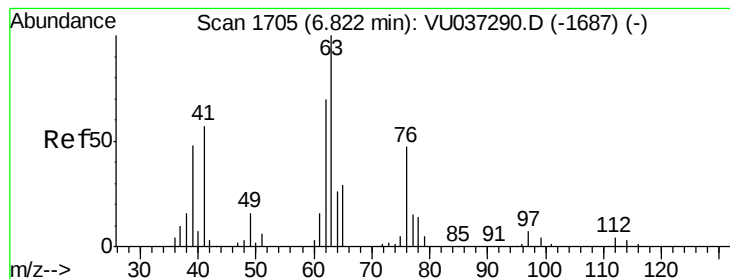
#35
Methylcyclohexane
Concen: 0.693 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037301.D
Acq: 16 Mar 2020 18:40

Tgt Ion: 83 Resp: 10801
Ion Ratio Lower Upper
83 100
55 0.0 67.0 100.6#
98 0.2 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: 0.552 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.10 min

Lab File: VU037301.D

Acq: 16 Mar 2020 18:40

Instrument :

MSVOA_U

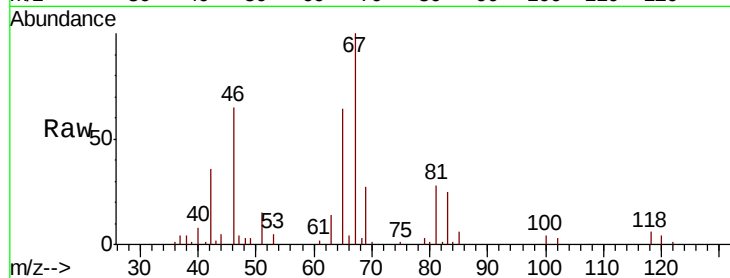
ClientSampled :

Tot Ion: 63 Resp: 5505

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU037290.D (-1687) (-)

Ion 112.10 (111.80 to 112.80): VU037290.D (-1687) (-)

6.73

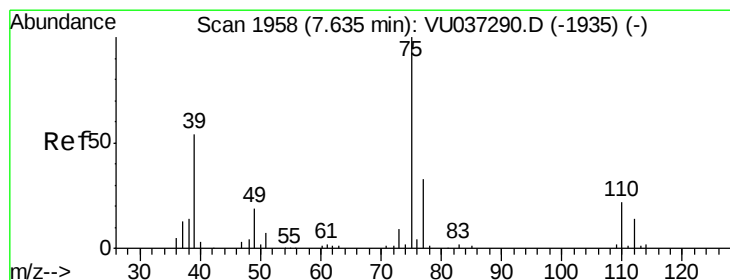
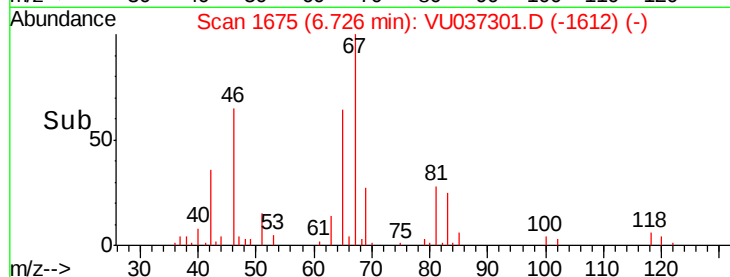
3000

2000

1000

0

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.105 ug/L

RT: 7.60 min Scan# 1946

Delta R.T. -0.04 min

Lab File: VU037301.D

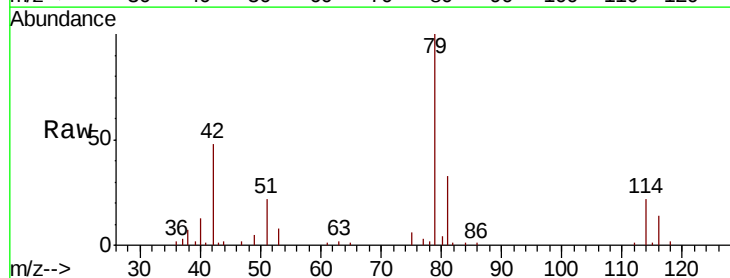
Acq: 16 Mar 2020 18:40

Tgt Ion: 75 Resp: 1574

Ion Ratio Lower Upper

75 100

77 47.5 23.0 42.8#



Abundance Ion 75.05 (74.75 to 75.75): VU037290.D (-1935) (-)

Ion 77.05 (76.75 to 77.75): VU037290.D (-1935) (-)

7.60

1000

800

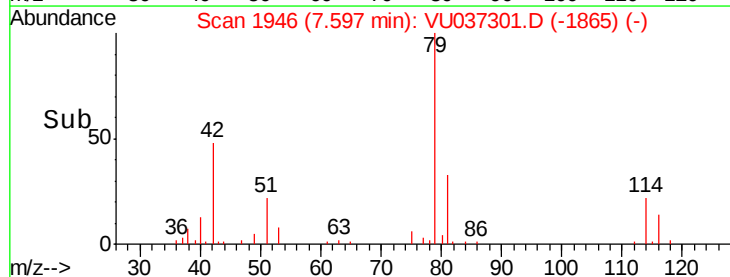
600

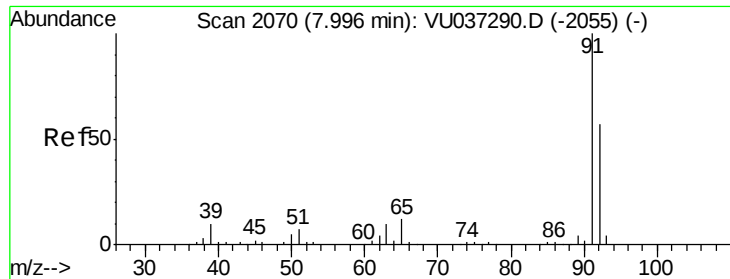
400

200

0

Time-->





#42

Toluene

Concen: 0.311 ug/L

RT: 8.00 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VU037301.D

Acq: 16 Mar 2020 18:40

Instrument :

MSVOA_U

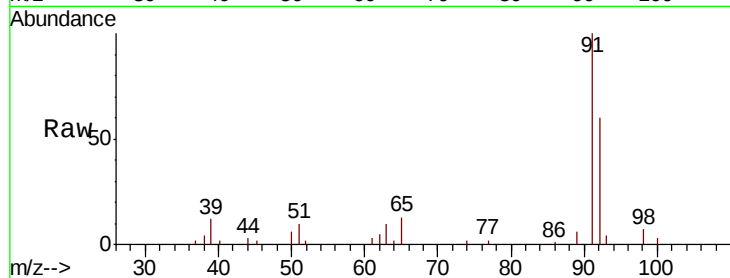
ClientSampleId :

Tot Ion: 91 Resp: 12646

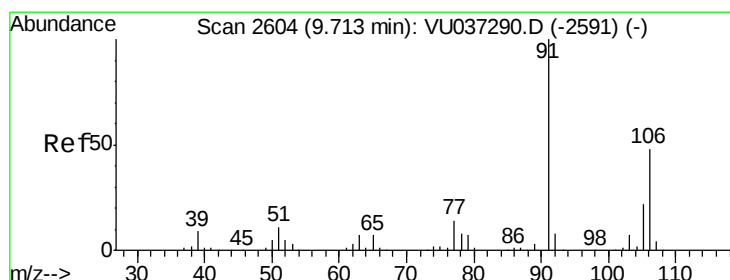
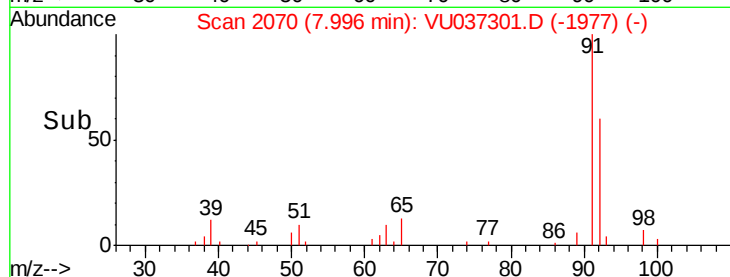
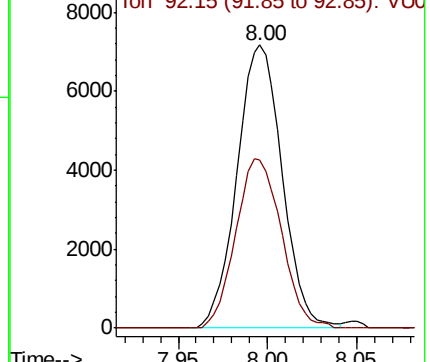
Ion Ratio Lower Upper

91 100

92 59.6 39.8 73.8



Abundance Ion 91.15 (90.85 to 91.85): VU037290.D (-2055) (-)



#53

m,p-Xylene

Concen: 0.112 ug/L

RT: 9.72 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VU037301.D

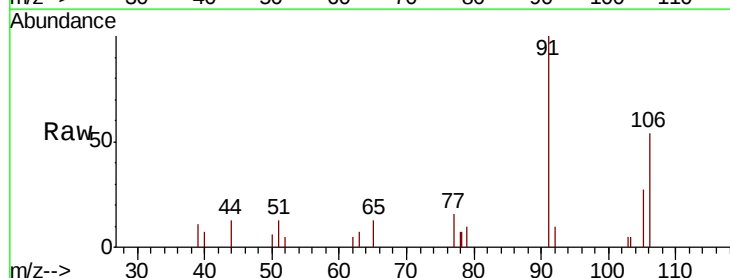
Acq: 16 Mar 2020 18:40

Tgt Ion: 106 Resp: 1906

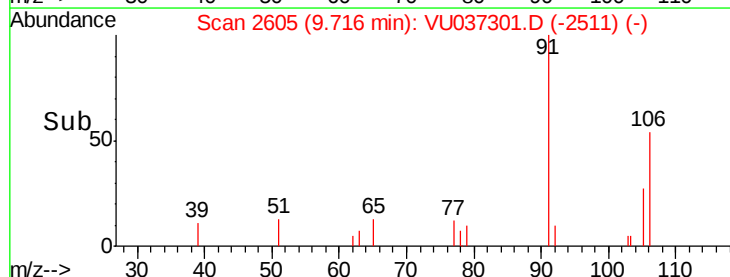
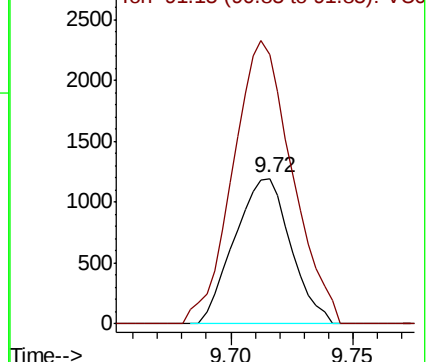
Ion Ratio Lower Upper

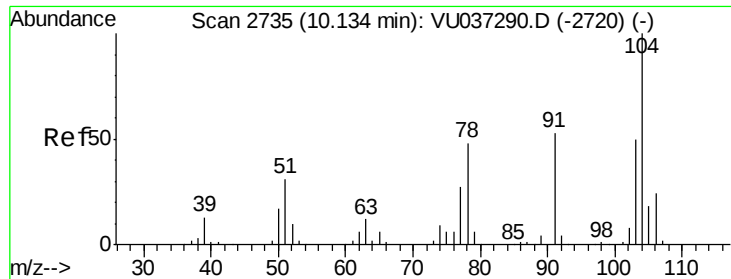
106 100

91 185.2 147.2 273.4



Abundance Ion 106.15 (105.85 to 106.85): VU037290.D (-2591) (-)





#55

Stvrene

Concen: 0.436 ug/L

RT: 10.13 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VU037301.D

Acq: 16 Mar 2020 18:40

Instrument :

MSVOA_U

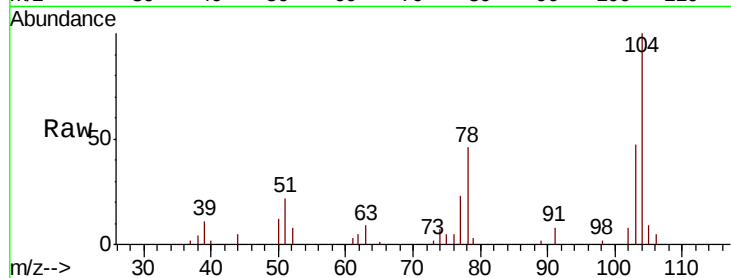
ClientSampled :

Tot Ion:104 Resp: 11879

Ion Ratio Lower Upper

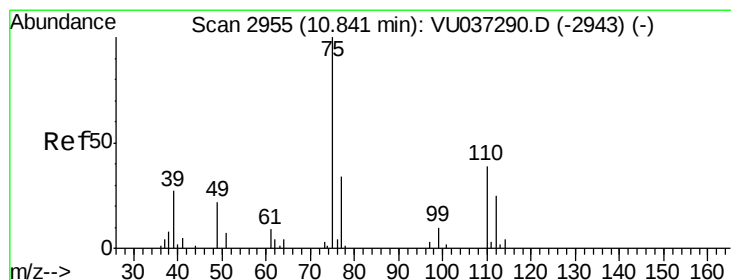
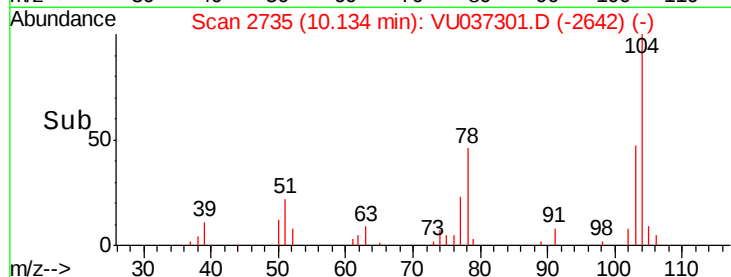
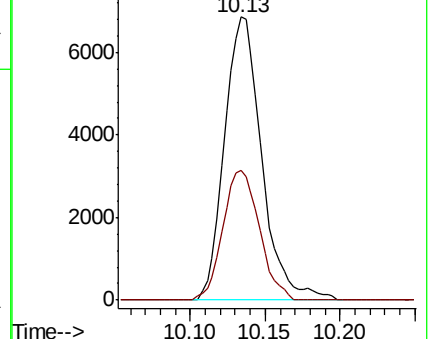
104 100

78 45.8 33.6 62.4



Abundance Ion 104.10 (103.80 to 104.80): VU037290.D (-2720) (-)

Ion 78.10 (77.80 to 78.80): VU037290.D (-2720) (-)



#59

1,2,3-Trichloropropane

Concen: 1.056 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.99 min

Lab File: VU037301.D

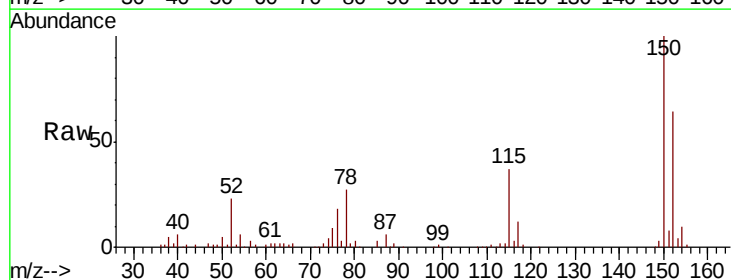
Acq: 16 Mar 2020 18:40

Tgt Ion: 75 Resp: 7477

Ion Ratio Lower Upper

75 100

77 36.0 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VU037290.D (-2943) (-)

Ion 77.00 (76.70 to 77.70): VU037290.D (-2943) (-)

