

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040220\
 Data File : VU037550.D
 Acq On : 02 Apr 2020 12:58
 Operator : JC/MD
 Sample : L2065-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 03 01:00:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR040120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 03 00:57:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	93241	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	88412	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	43797	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	33382	4.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.40%
7) Chloroethane-d5	1.93	69	27531	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.59	63	46558	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	4.67	46	96475	45.52	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.04%
24) Chloroform-d	5.10	84	59030	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	5.74	65	32670	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
32) Benzene-d6	5.76	84	119455	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
36) 1,2-Dichloropropane-d6	6.72	67	39278	4.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.80%
41) Toluene-d8	7.92	98	113487	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	8.20	79	17753	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.65	63	89764	46.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.04%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	34675	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	41361	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%

Target Compounds

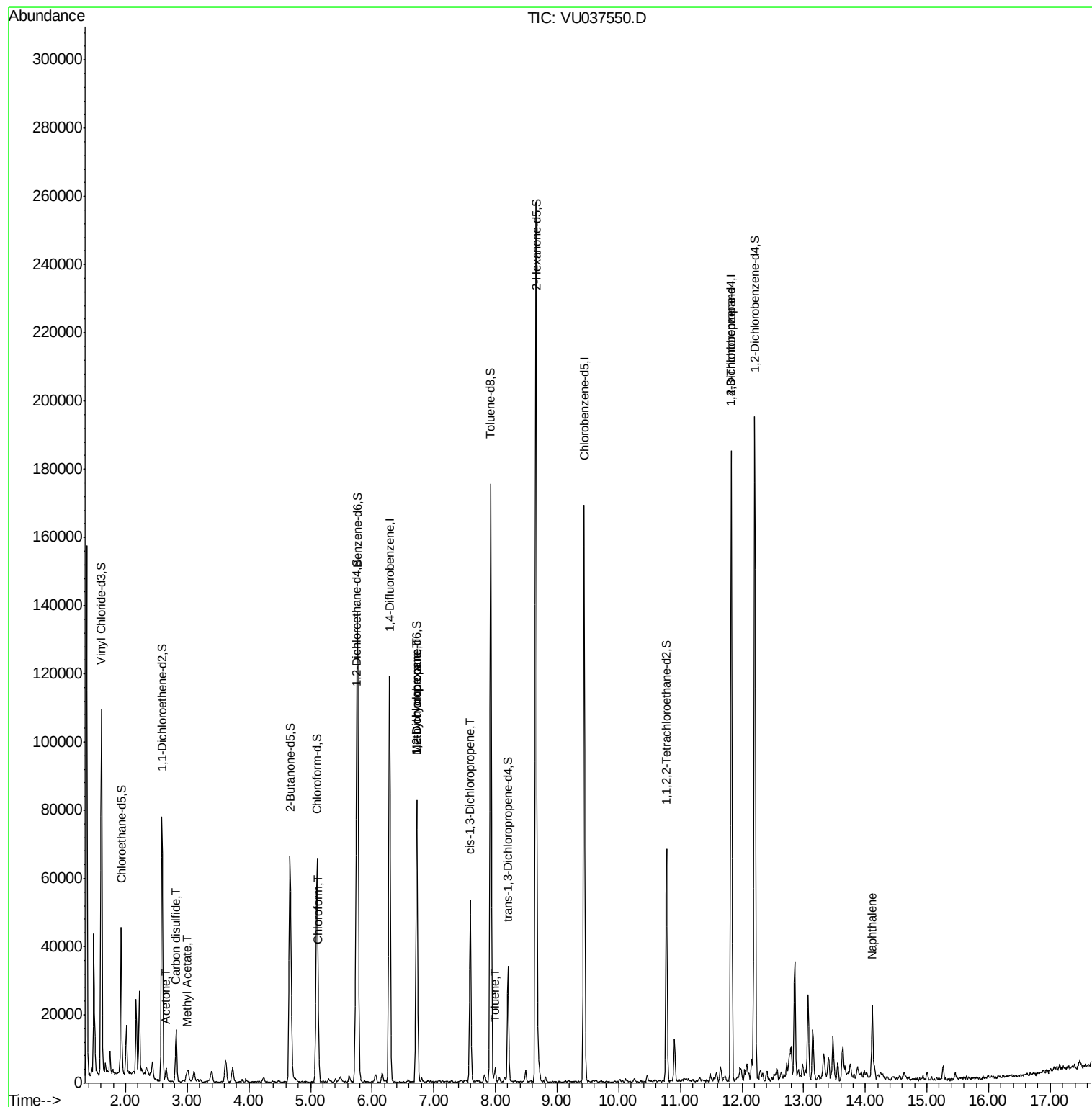
					Ovalue
13) Acetone	2.66	43	4937	4.132	ug/L 94
14) Carbon disulfide	2.82	76	19502	0.963	ug/L # 94
15) Methyl Acetate	2.99	43	1427	0.403	ug/L # 55
25) Chloroform	5.13	83	4487	0.346	ug/L 93
35) Methylcyclohexane	6.72	83	9380	0.757	ug/L # 19
37) 1,2-Dichloropropane	6.73	63	4172	0.551	ug/L # 90
39) cis-1,3-Dichloropropene	7.59	75	1446	0.125	ug/L # 60
42) Toluene	8.00	91	3373	0.113	ug/L 89
59) 1,2,3-Trichloropropane	11.83	75	6305	1.270	ug/L # 88
69) Naphthalene	14.11	128	16218	0.750	ug/L 99

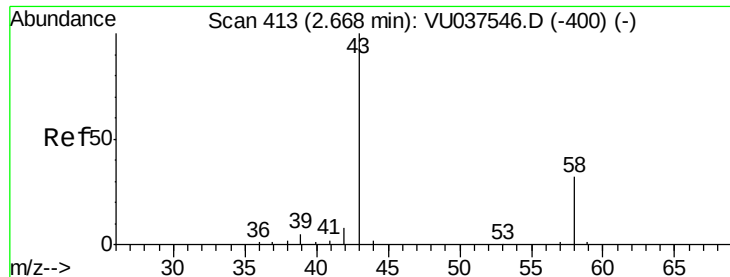
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 03 00:57:17 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.132 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

Lab File: VU037550.D

Acq: 02 Apr 2020 12:58

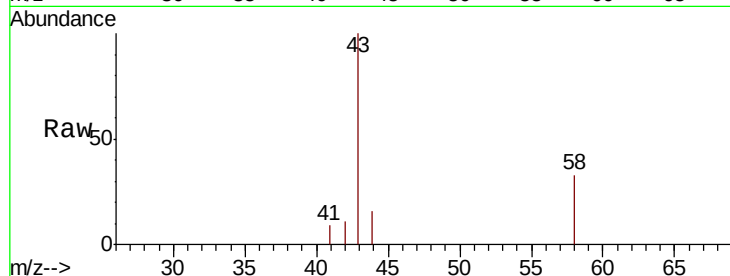
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 4937

Ion Ratio Lower Upper

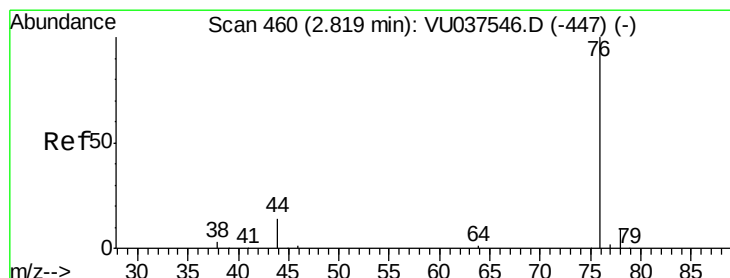
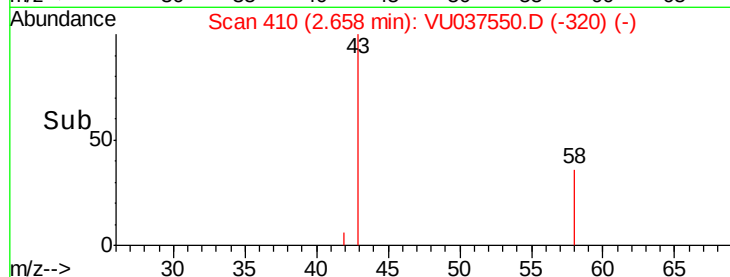
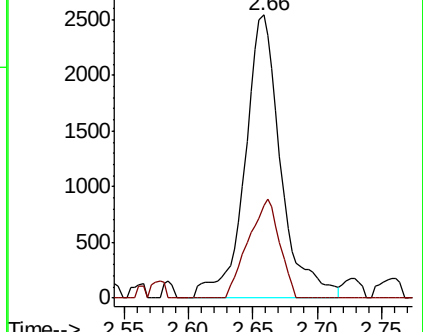
43 100

58 30.6 0.0 68.2



Abundance Ion 43.05 (42.75 to 43.75): VU037550.D (-320) (-)

Ion 58.05 (57.75 to 58.75): VU037550.D (-320) (-)



#14

Carbon disulfide

Concen: 0.963 ug/L

RT: 2.82 min Scan# 460

Delta R.T. -0.00 min

Lab File: VU037550.D

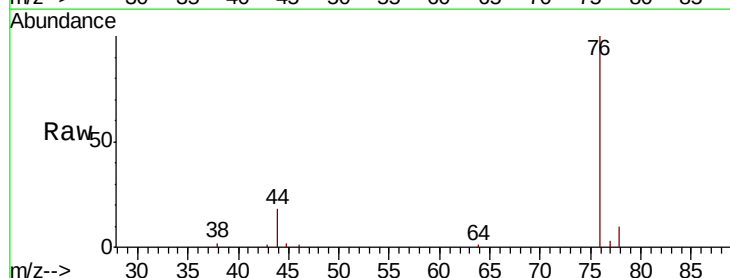
Acq: 02 Apr 2020 12:58

Tgt Ion: 76 Resp: 19502

Ion Ratio Lower Upper

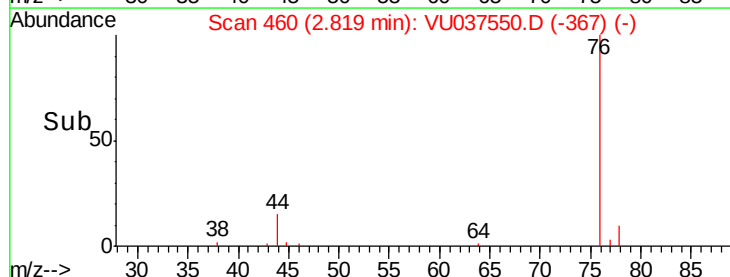
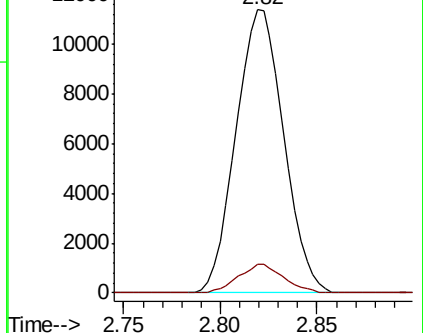
76 100

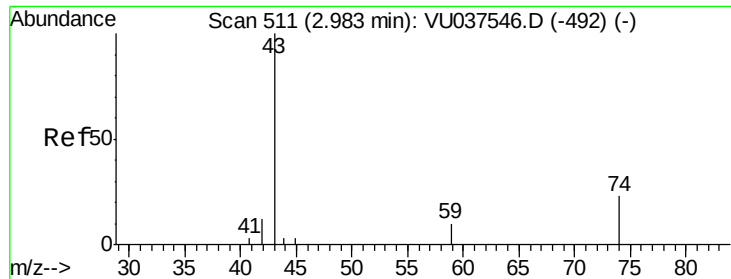
78 10.0 6.3 9.5#



Abundance Ion 76.05 (75.75 to 76.75): VU037550.D (-367) (-)

Ion 78.00 (77.70 to 78.70): VU037550.D (-367) (-)

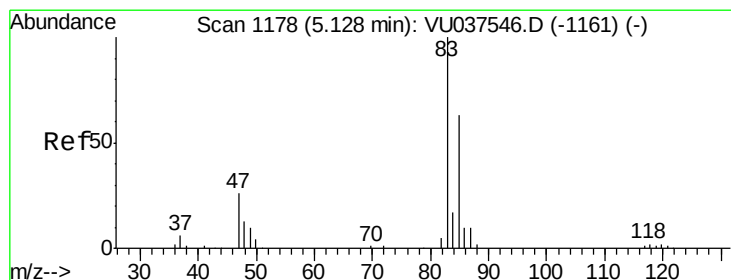
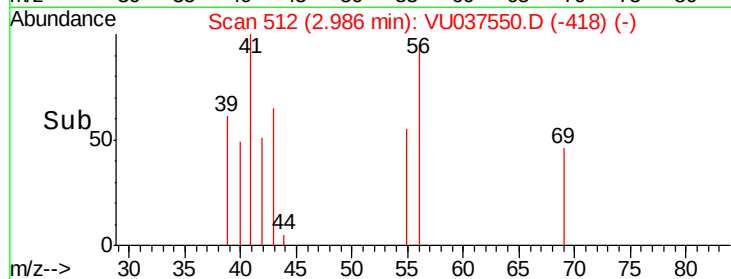
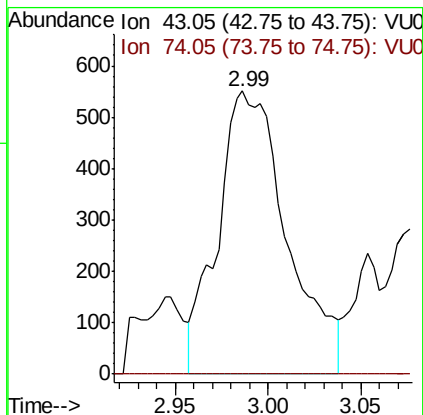
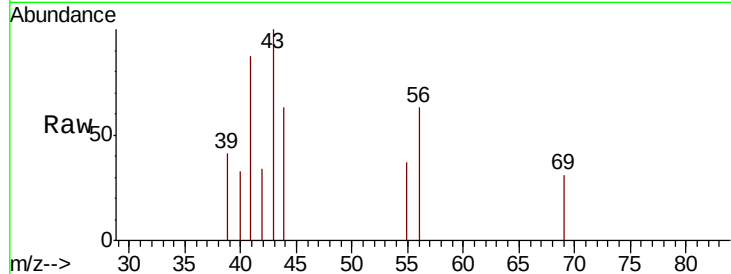




#15
Methvl Acetate
Concen: 0.403 ug/L
RT: 2.99 min Scan# 512
Delta R.T. 0.00 min
Lab File: VU037550.D
Acq: 02 Apr 2020 12:58

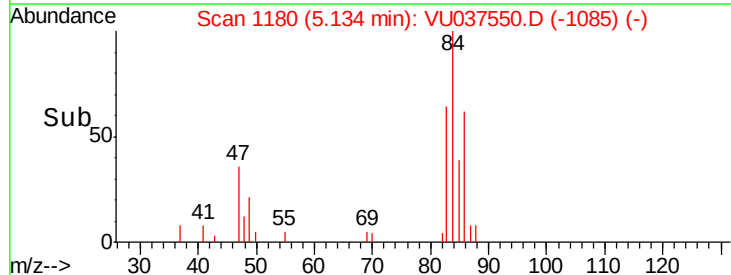
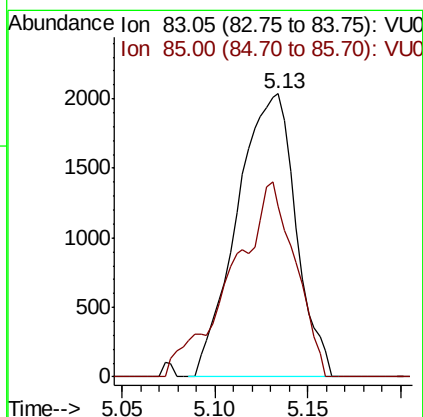
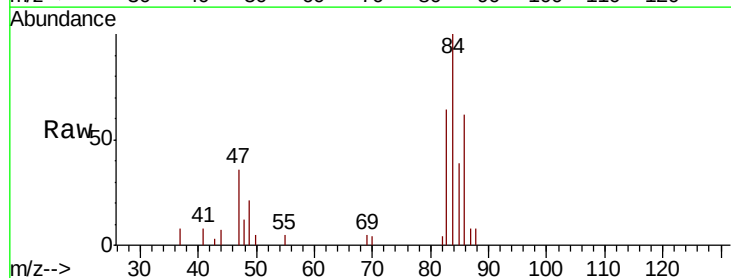
Instrument :
MSVOA_U
ClientSampled :

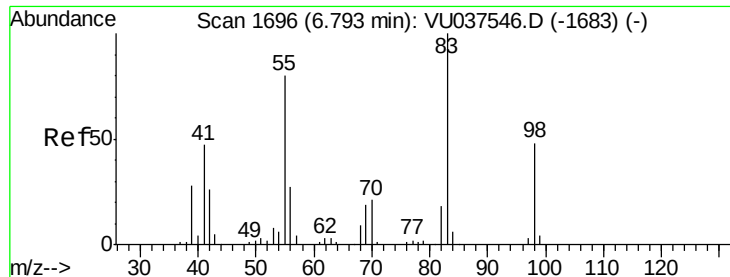
Tot Ion: 43 Resp: 1427
Ion Ratio Lower Upper
43 100
74 0.0 16.8 25.2#



#25
Chloroform
Concen: 0.346 ug/L
RT: 5.13 min Scan# 1180
Delta R.T. 0.01 min
Lab File: VU037550.D
Acq: 02 Apr 2020 12:58

Tgt Ion: 83 Resp: 4487
Ion Ratio Lower Upper
83 100
85 60.2 45.8 85.2

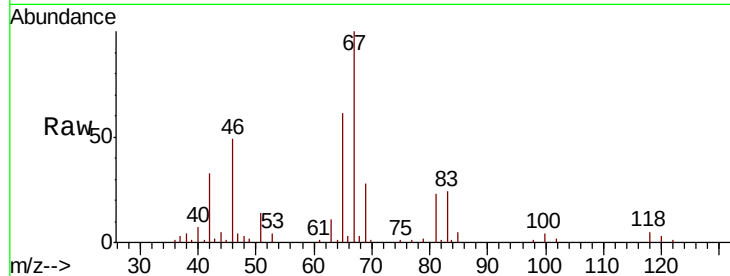




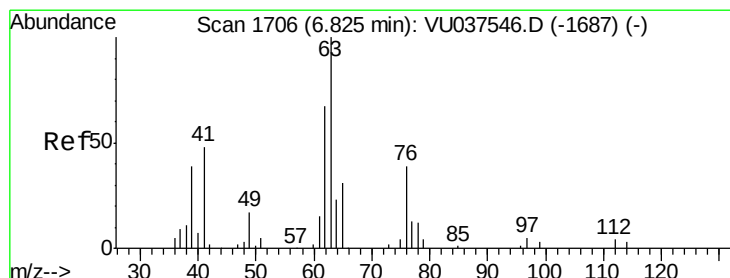
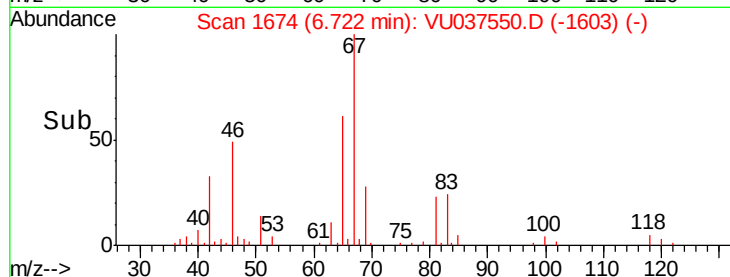
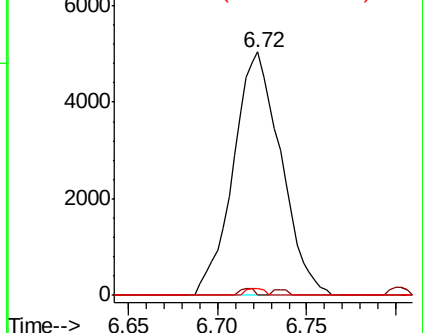
#35
Methylvlcyclohexane
Concen: 0.757 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037550.D
Acq: 02 Apr 2020 12:58

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 9380
Ion Ratio Lower Upper
83 100
55 0.8 63.0 94.6#
98 1.0 35.3 52.9#

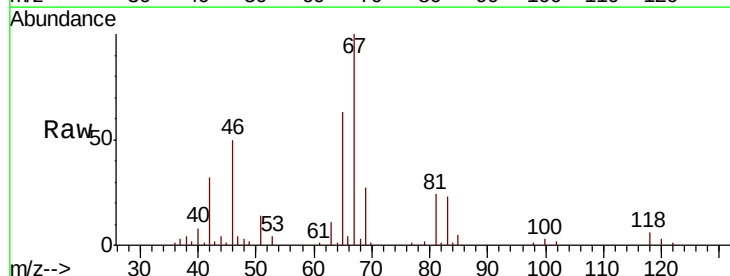


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

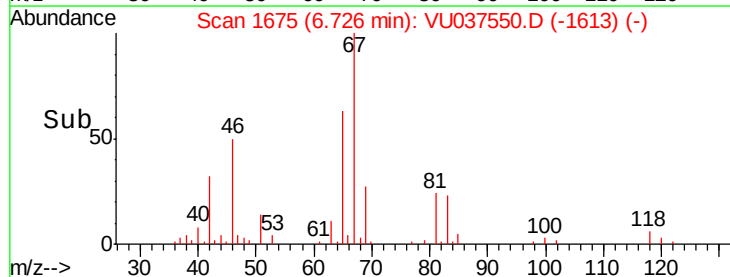
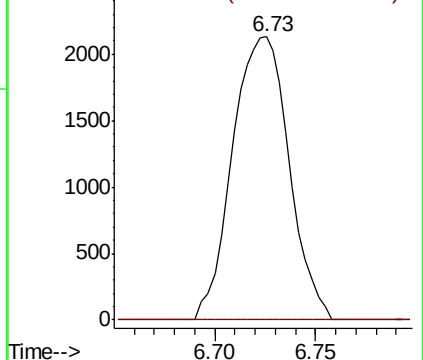


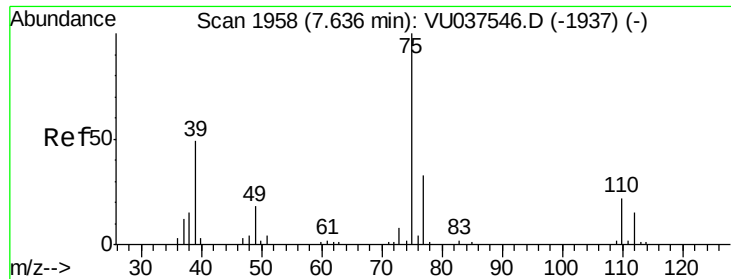
#37
1,2-Dichloropropane
Concen: 0.551 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU037550.D
Acq: 02 Apr 2020 12:58

Tgt Ion: 63 Resp: 4172
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



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

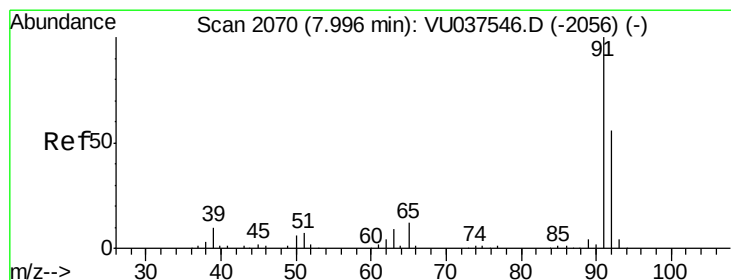
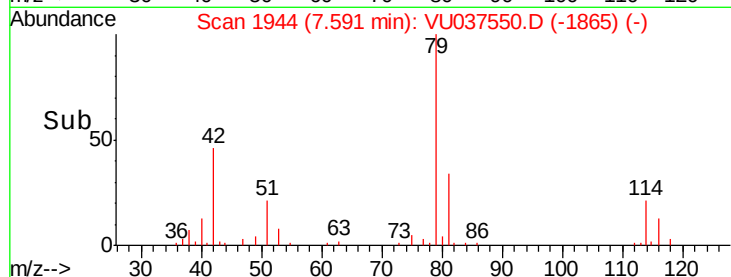
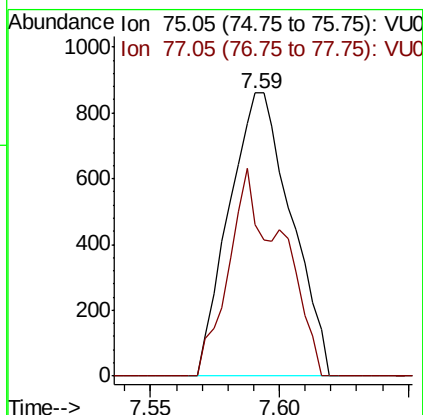
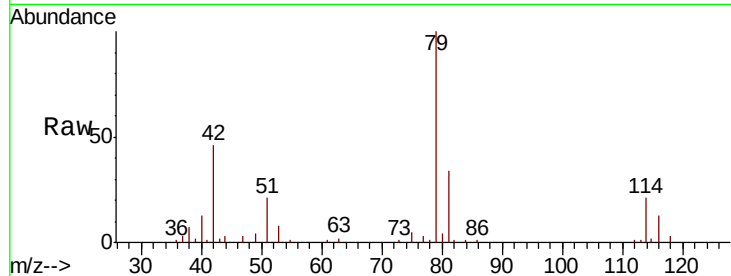




#39
 cis-1,3-Dichloropropene
 Concen: 0.125 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.05 min
 Lab File: VU037550.D
 Acq: 02 Apr 2020 12:58

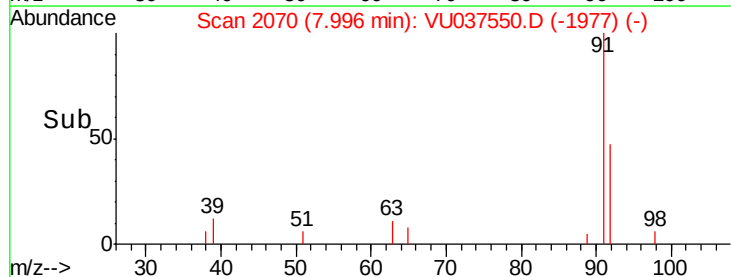
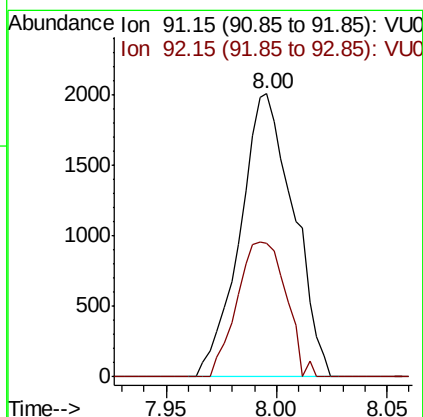
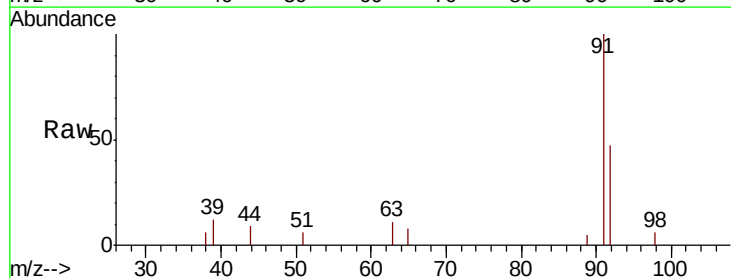
Instrument :
 MSVOA_U
 ClientSampled :

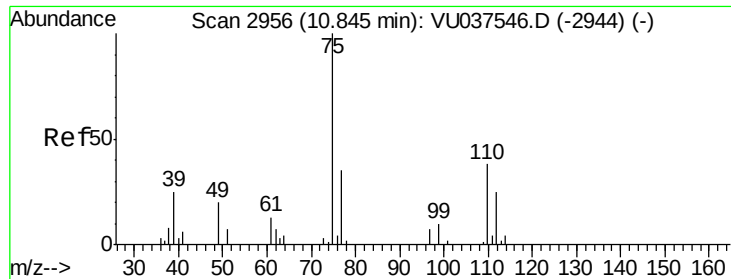
Tot Ion: 75 Resp: 1446
 Ion Ratio Lower Upper
 75 100
 77 53.7 22.2 41.2#



#42
 Toluene
 Concen: 0.113 ug/L
 RT: 8.00 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VU037550.D
 Acq: 02 Apr 2020 12:58

Tgt Ion: 91 Resp: 3373
 Ion Ratio Lower Upper
 91 100
 92 47.4 38.6 71.8

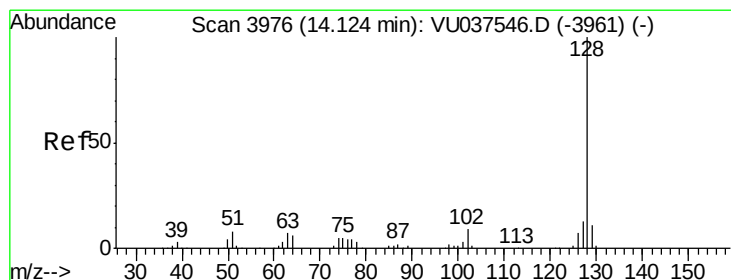
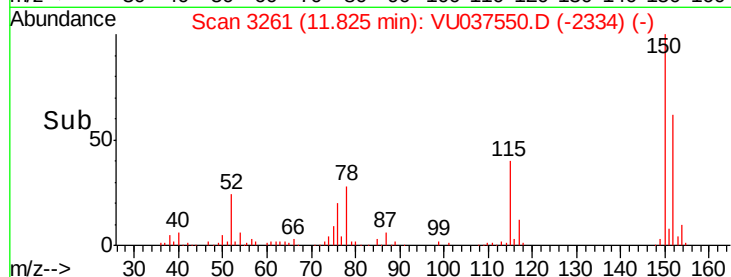
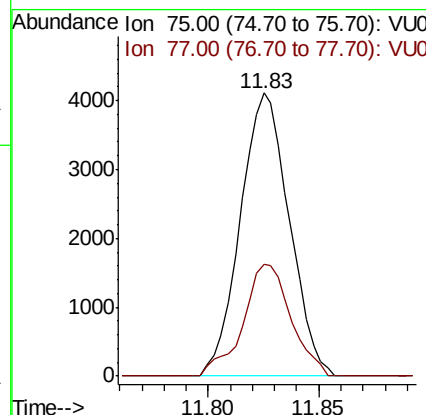
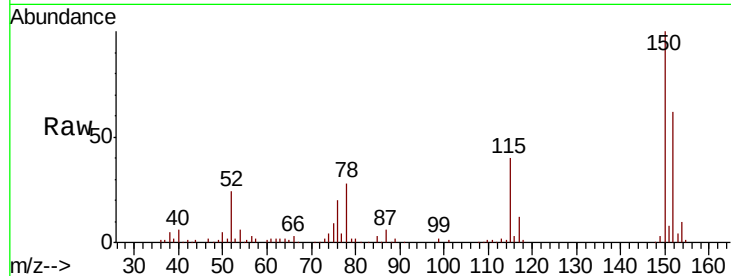




#59
 1,2,3-Trichloropropane
 Concen: 1.270 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.98 min
 Lab File: VU037550.D
 Acq: 02 Apr 2020 12:58

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 6305
 Ion Ratio Lower Upper
 75 100
 77 38.9 25.8 38.6#



#69
 Naphthalene
 Concen: 0.750 ug/L
 RT: 14.11 min Scan# 3973
 Delta R.T. -0.01 min
 Lab File: VU037550.D
 Acq: 02 Apr 2020 12:58

Tgt Ion:128 Resp: 16218
 Ion Ratio Lower Upper
 128 100
 129 11.3 8.4 12.6
 127 12.8 10.4 15.6

