

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062320\
 Data File : VU039044.D
 Acq On : 23 Jun 2020 16:58
 Operator : SY/MD
 Sample : L3073-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9L71

Quant Time: Jun 24 01:15:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 24 01:05:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	268248	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	264105	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	112873	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	113140	5.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.20%
7) Chloroethane-d5	1.93	69	96366	5.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.80%
11) 1,1-Dichloroethene-d2	2.59	63	166505	4.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.20%
20) 2-Butanone-d5	4.67	46	398311	56.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.36%
24) Chloroform-d	5.10	84	205222	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
26) 1,2-Dichloroethane-d4	5.74	65	131014	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.20%
32) Benzene-d6	5.76	84	424747	5.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.00%
36) 1,2-Dichloropropane-d6	6.72	67	136483	5.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.80%
41) Toluene-d8	7.92	98	339632	5.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.00%
43) trans-1,3-Dichloropropene-	8.20	79	59239	5.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	110.80%
46) 2-Hexanone-d5	8.65	63	318300	57.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.32%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	122927	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	125052	5.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.00%

Target Compounds

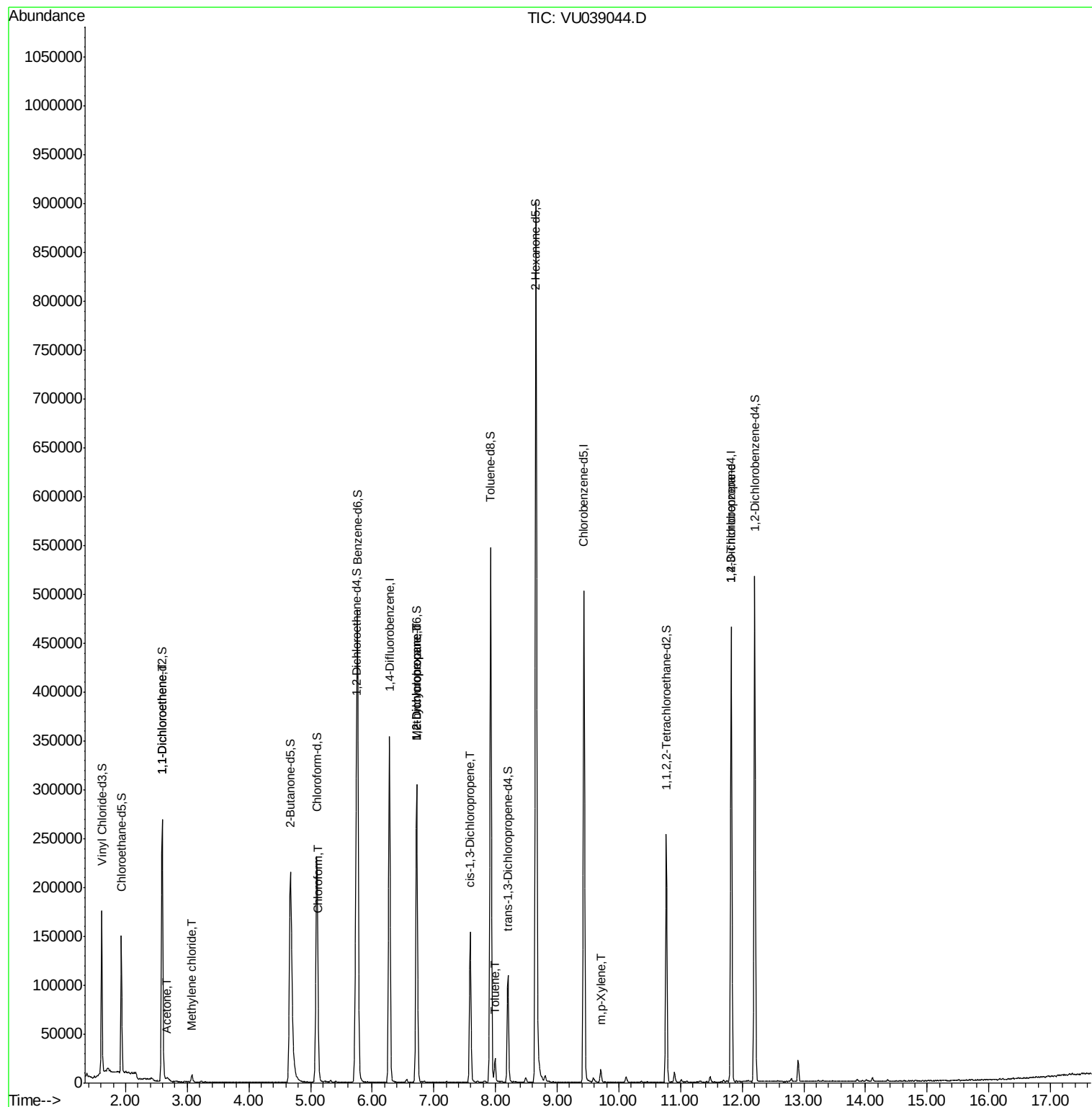
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.59	96	1185	0.064	ug/L #	1
13) Acetone	2.68	43	5823	1.210	ug/L	100
16) Methylene chloride	3.08	84	3067	0.134	ug/L	96
25) Chloroform	5.13	83	8286	0.209	ug/L	98
35) Methylcyclohexane	6.72	83	32460	1.090	ug/L #	17
37) 1,2-Dichloropropane	6.73	63	15847	0.705	ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	4202	0.135	ug/L #	46
42) Toluene	7.99	91	15835	0.192	ug/L	97
53) m,p-Xylene	9.71	106	3430	0.108	ug/L	92
59) 1,2,3-Trichloropropane	11.82	75	16014	0.945	ug/L	91

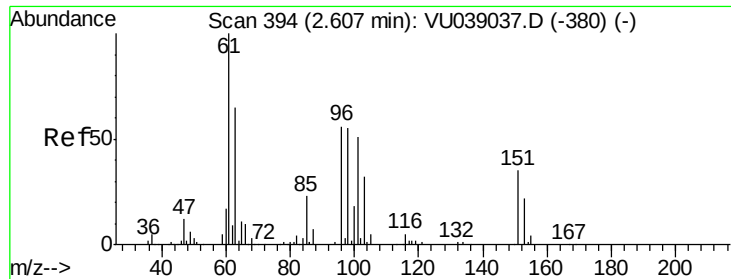
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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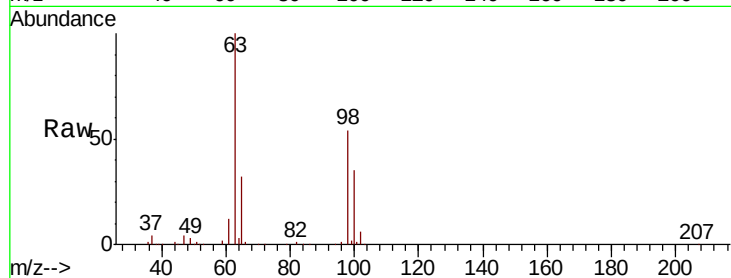




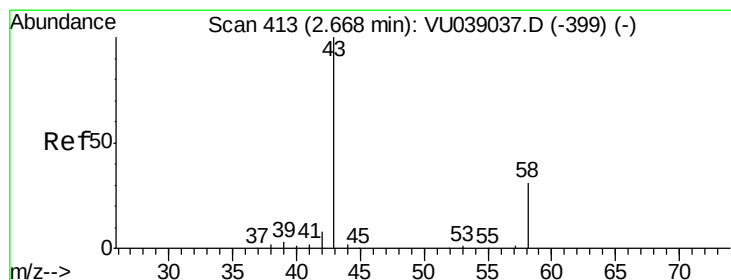
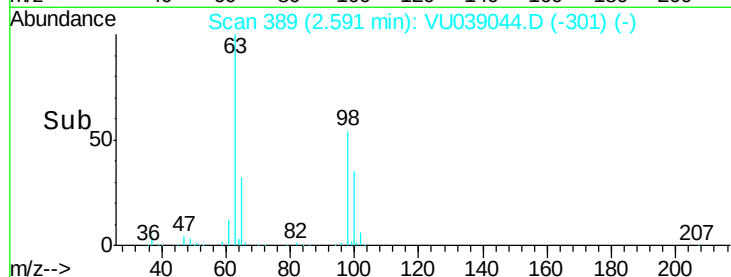
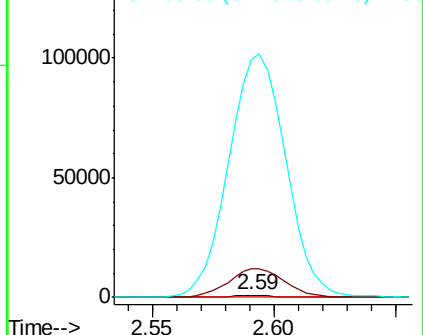
#12
 1,1-Dichloroethene
 Concen: 0.064 ug/L
 RT: 2.59 min Scan# 389
 Delta R.T. -0.02 min
 Lab File: VU039044.D
 Acq: 23 Jun 2020 16:58

Instrument :
 MSVOA_U
 ClientSampleId :
 F9L71

Tot Ion: 96 Resp: 1185
 Ion Ratio Lower Upper
 96 100
 61 1354.4 125.1 232.3#
 63 11192.8 82.3 152.8#

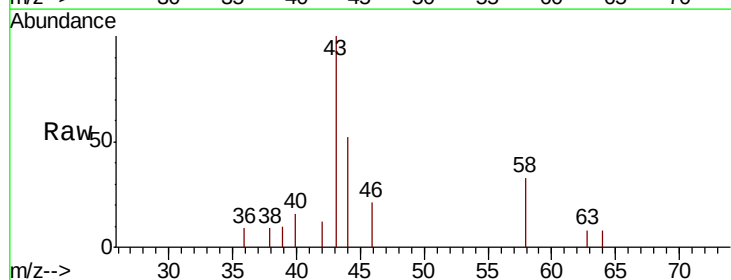


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 63.00 (62.70 to 63.70): VU0

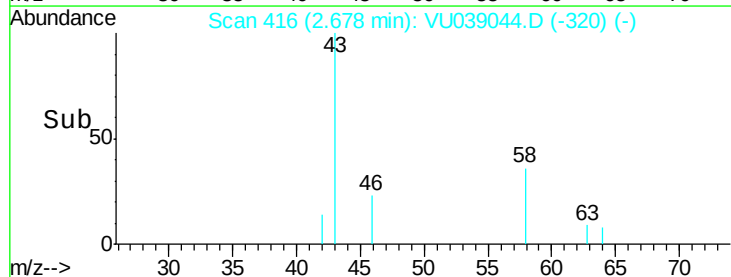
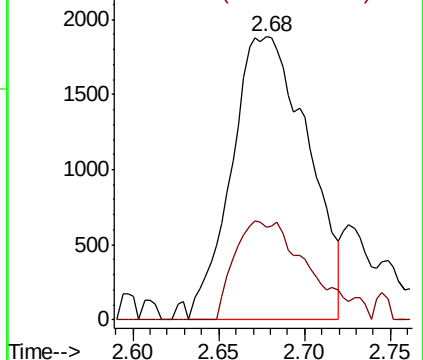


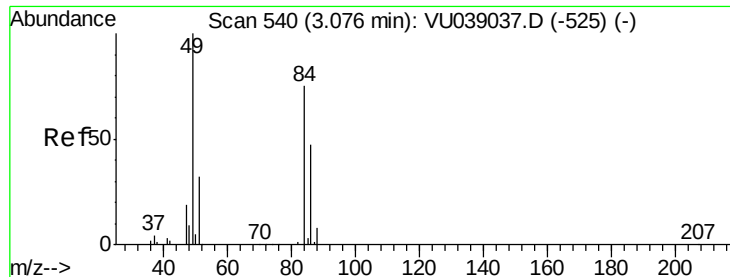
#13
 Acetone
 Concen: 1.210 ug/L
 RT: 2.68 min Scan# 416
 Delta R.T. 0.01 min
 Lab File: VU039044.D
 Acq: 23 Jun 2020 16:58

Tgt Ion: 43 Resp: 5823
 Ion Ratio Lower Upper
 43 100
 58 32.5 0.0 64.4



Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 58.05 (57.75 to 58.75): VU0

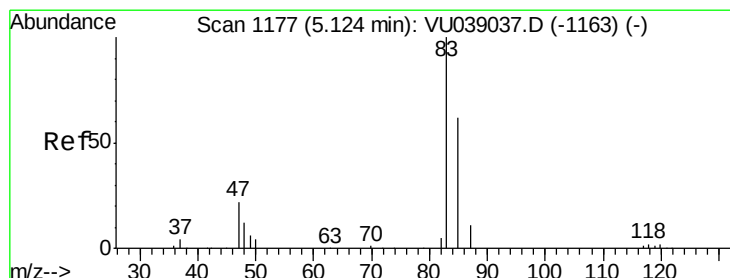
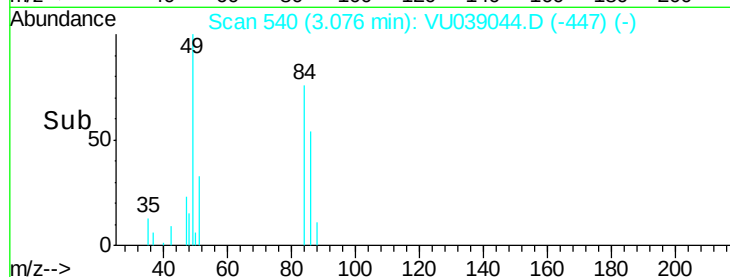
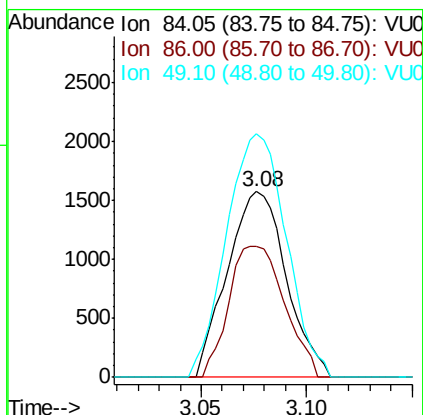
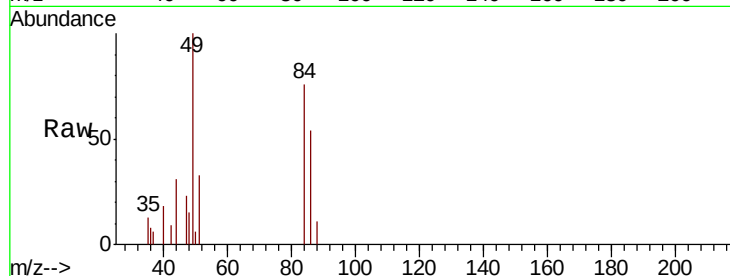




#16
Methylene chloride
Concen: 0.134 ug/L
RT: 3.08 min Scan# 540
Delta R.T. 0.00 min
Lab File: VU039044.D
Acq: 23 Jun 2020 16:58

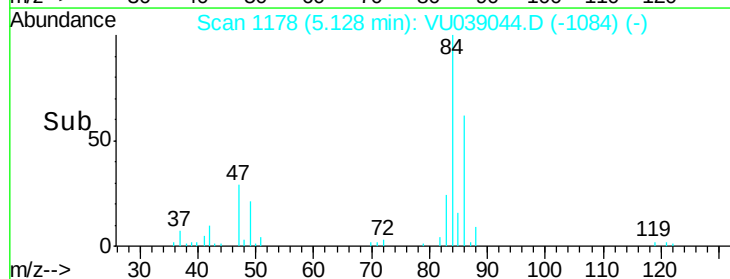
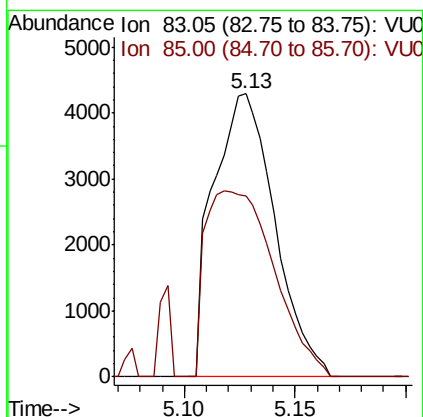
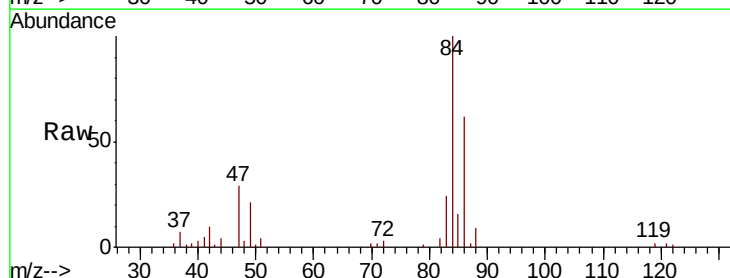
Instrument :
MSVOA_U
ClientSampled :
F9L71

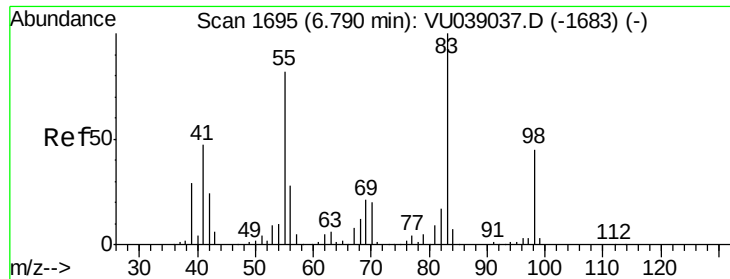
Tot Ion: 84 Resp: 3067
Ion Ratio Lower Upper
84 100
86 70.9 44.1 81.9
49 131.1 93.1 172.9



#25
Chloroform
Concen: 0.209 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU039044.D
Acq: 23 Jun 2020 16:58

Tgt Ion: 83 Resp: 8286
Ion Ratio Lower Upper
83 100
85 63.8 43.8 81.4

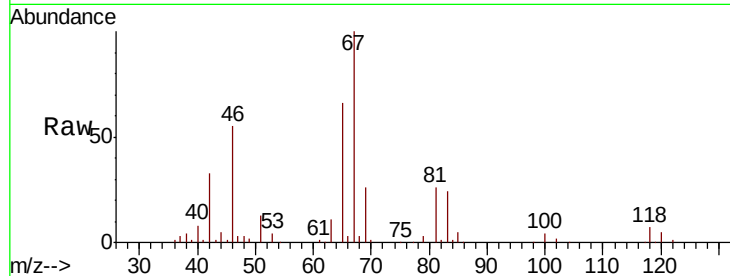




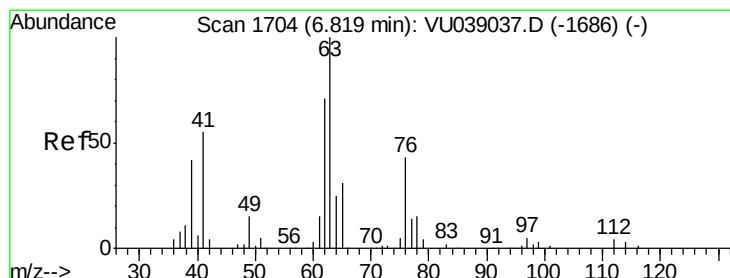
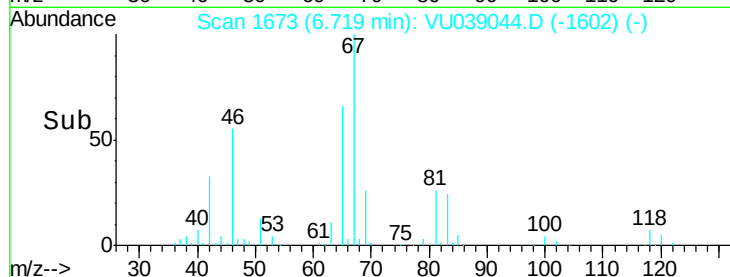
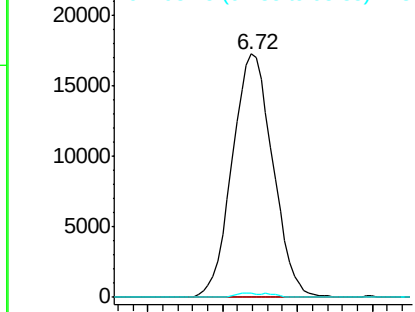
#35
Methylvlcyclohexane
Concen: 1.090 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039044.D
Acq: 23 Jun 2020 16:58

Instrument :
MSVOA_U
ClientSampleId :
F9L71

Tot Ion: 83 Resp: 32460
Ion Ratio Lower Upper
83 100
55 0.0 65.5 98.3#
98 0.9 36.5 54.7#

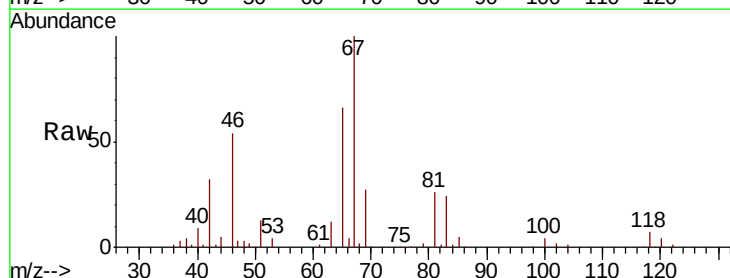


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

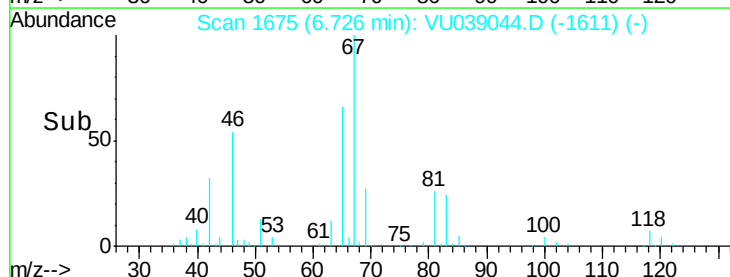
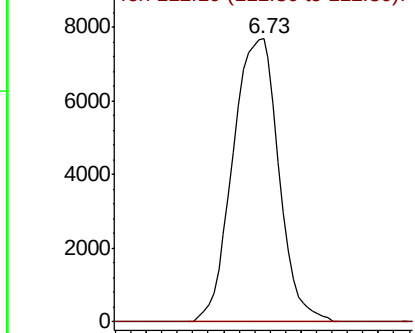


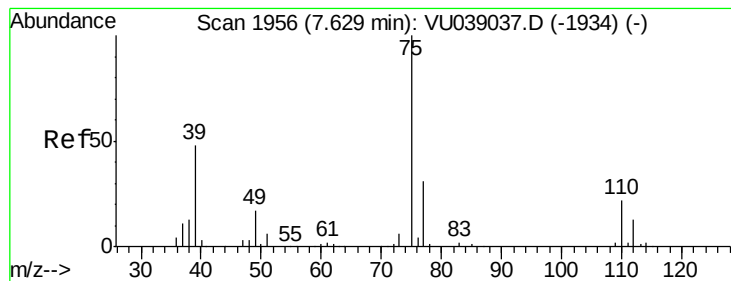
#37
1,2-Dichloropropane
Concen: 0.705 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.09 min
Lab File: VU039044.D
Acq: 23 Jun 2020 16:58

Tgt Ion: 63 Resp: 15847
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



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



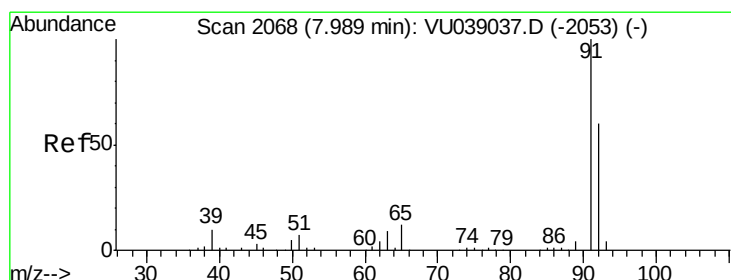
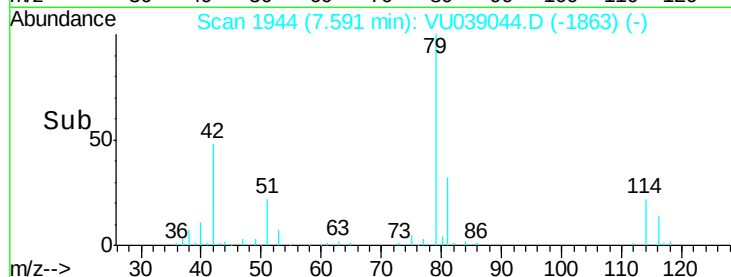
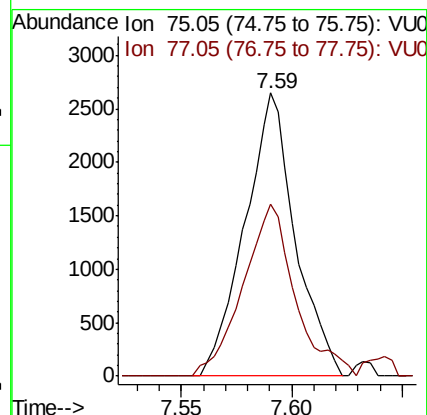
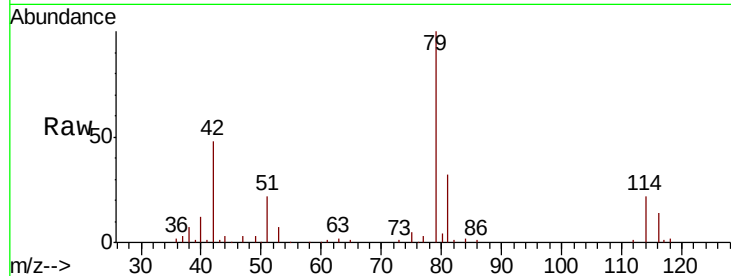


#39

cis-1,3-Dichloropropene
Concen: 0.135 ug/L
RT: 7.59 min Scan# 1944
Delta R.T. -0.04 min
Lab File: VU039044.D
Acq: 23 Jun 2020 16:58

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MSVOA_U
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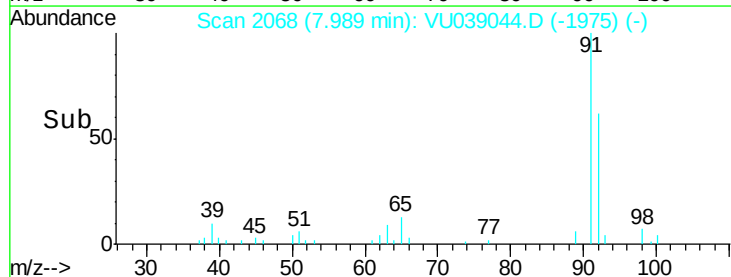
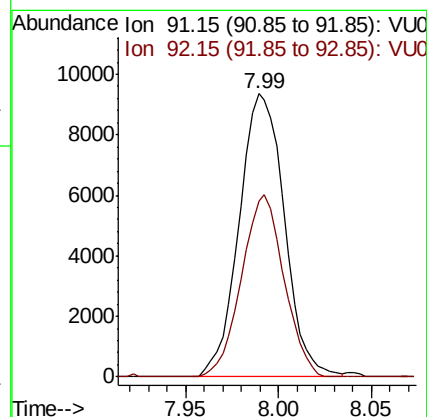
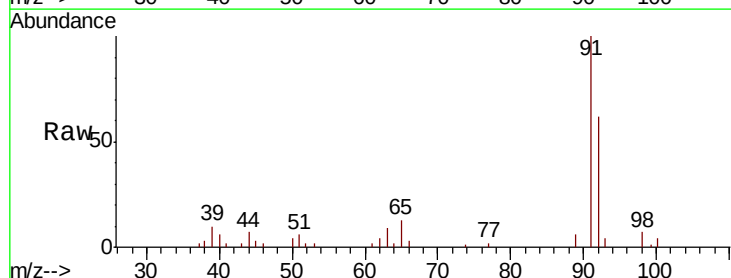
Tot Ion: 75 Resp: 4202
Ion Ratio Lower Upper
75 100
77 60.7 21.6 40.0#

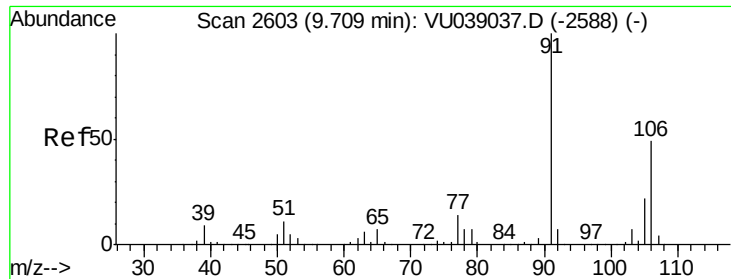


#42

Toluene
Concen: 0.192 ug/L
RT: 7.99 min Scan# 2068
Delta R.T. 0.00 min
Lab File: VU039044.D
Acq: 23 Jun 2020 16:58

Tgt Ion: 91 Resp: 15835
Ion Ratio Lower Upper
91 100
92 62.0 42.1 78.1

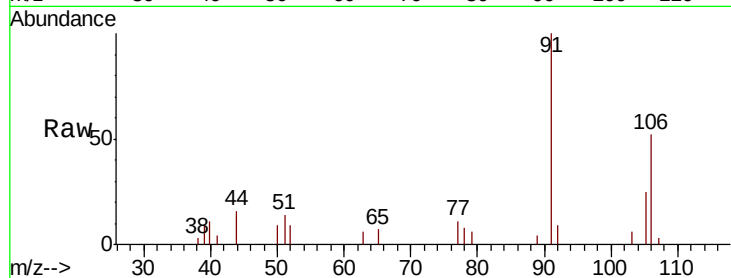




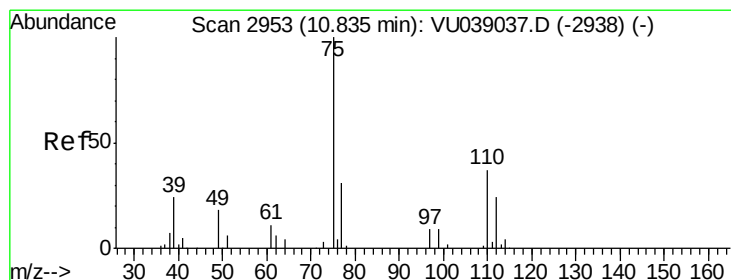
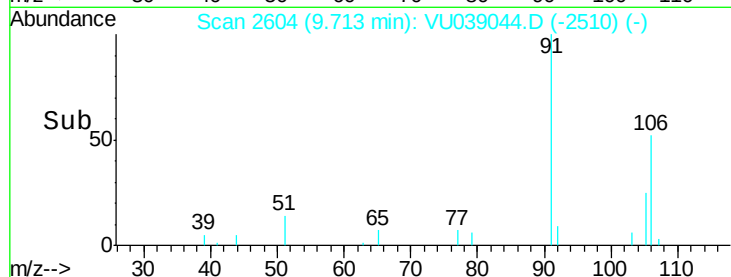
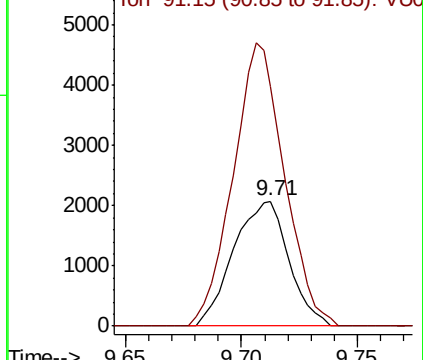
#53
m,p-Xylene
Concen: 0.108 ug/L
RT: 9.71 min Scan# 2604
Delta R.T. 0.00 min
Lab File: VU039044.D
Acq: 23 Jun 2020 16:58

Instrument :
MSVOA_U
ClientSampleId :
F9L71

Tot Ion:106 Resp: 3430
Ion Ratio Lower Upper
106 100
91 192.4 143.6 266.8

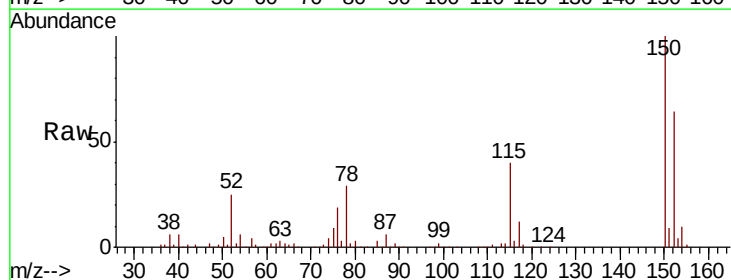


Abundance Ion 106.15 (105.85 to 106.85): VU039044.D (-2510) (-)
Ion 91.15 (90.85 to 91.85): VU039044.D (-2510) (-)



#59
1,2,3-Trichloropropane
Concen: 0.945 ug/L
RT: 11.82 min Scan# 3260
Delta R.T. 0.99 min
Lab File: VU039044.D
Acq: 23 Jun 2020 16:58

Tgt Ion: 75 Resp: 16014
Ion Ratio Lower Upper
75 100
77 37.9 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU039044.D (-2331) (-)
Ion 77.00 (76.70 to 77.70): VU039044.D (-2331) (-)

