

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050720\
 Data File : VU038051.D
 Acq On : 07 May 2020 20:04
 Operator : JC/MD
 Sample : L2527-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 08 01:55:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 08 01:51:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	368297	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	360536	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	168277	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	147867	4.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.80%
7) Chloroethane-d5	1.93	69	123671	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.80%
11) 1,1-Dichloroethene-d2	2.59	63	181545	3.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.40%
20) 2-Butanone-d5	4.66	46	304745	36.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.32%
24) Chloroform-d	5.10	84	197447	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.20%
26) 1,2-Dichloroethane-d4	5.74	65	127076	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
32) Benzene-d6	5.76	84	490857	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.72	67	156727	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.80%
41) Toluene-d8	7.92	98	440285	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	8.20	79	55007	3.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.80%
46) 2-Hexanone-d5	8.65	63	276373	41.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.80%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	113837	4.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	150341	4.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.80%

Target Compounds

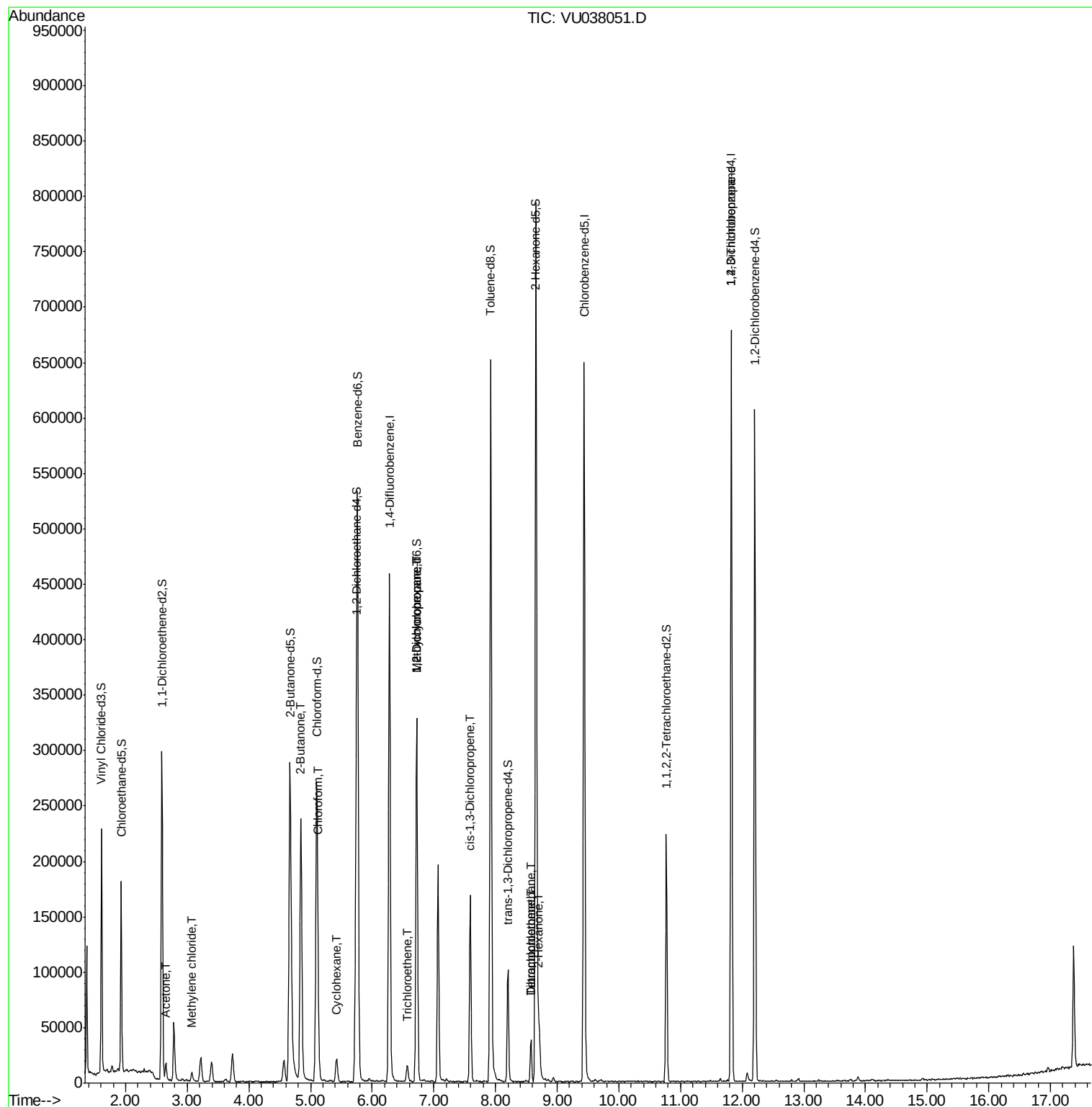
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.65	43	17584	3.372	ug/L	99
16) Methylene chloride	3.07	84	3605	0.121	ug/L	85
21) 2-Butanone	4.84	43	312315	33.931	ug/L #	48
25) Chloroform	5.12	83	27232	0.536	ug/L	94
30) Cyclohexane	5.42	56	10172	0.209	ug/L	98
34) Trichloroethene	6.57	95	4113	0.142	ug/L	92
35) Methylcyclohexane	6.72	83	34290	0.733	ug/L #	16
37) 1,2-Dichloropropane	6.72	63	15883	0.506	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3949	0.088	ug/L #	76
47) Tetrachloroethene	8.57	164	8345	0.413	ug/L	88
48) 2-Hexanone	8.71	43	28615	1.798	ug/L	96
49) Dibromochloromethane	8.57	129	7805	0.345	ug/L #	10
59) 1,2,3-Trichloropropane	11.83	75	23384	1.111	ug/L	95

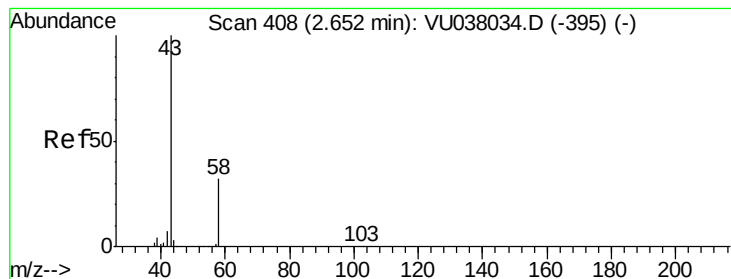
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 08 01:51:41 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.372 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.00 min

Lab File: VU038051.D

Acq: 07 May 2020 20:04

Instrument :

MSVOA_U

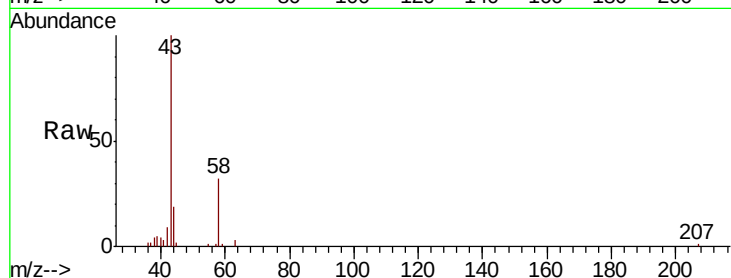
ClientSampled :

Tot Ion: 43 Resp: 17584

Ion Ratio Lower Upper

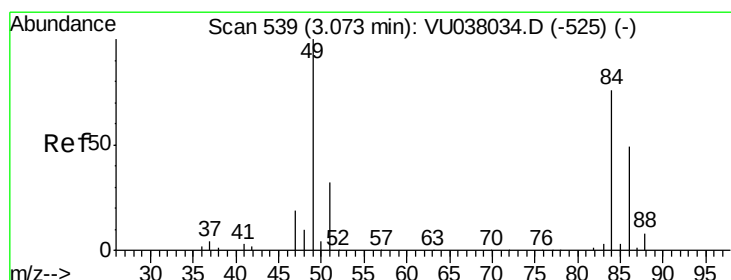
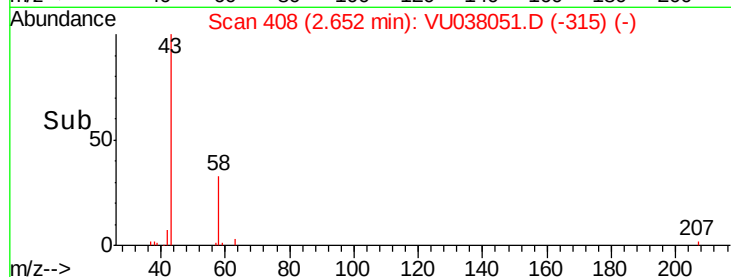
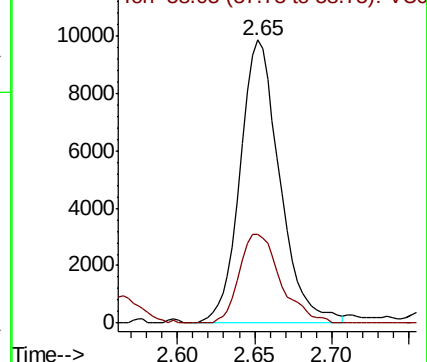
43 100

58 32.6 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#16

Methylene chloride

Concen: 0.121 ug/L

RT: 3.07 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU038051.D

Acq: 07 May 2020 20:04

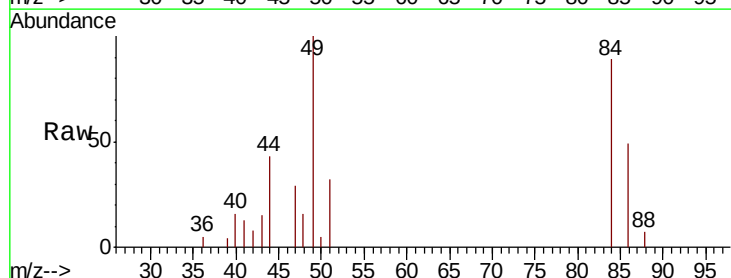
Tgt Ion: 84 Resp: 3605

Ion Ratio Lower Upper

84 100

86 54.5 44.9 83.3

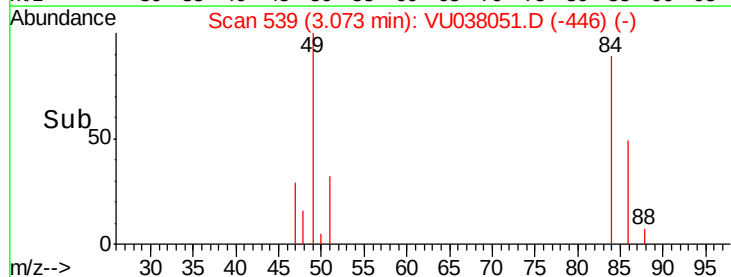
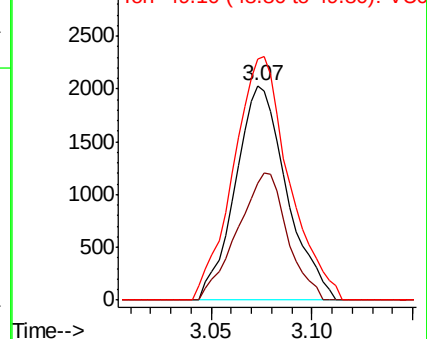
49 112.1 92.0 170.9

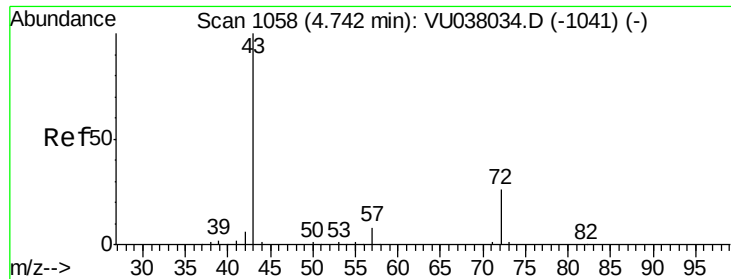


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

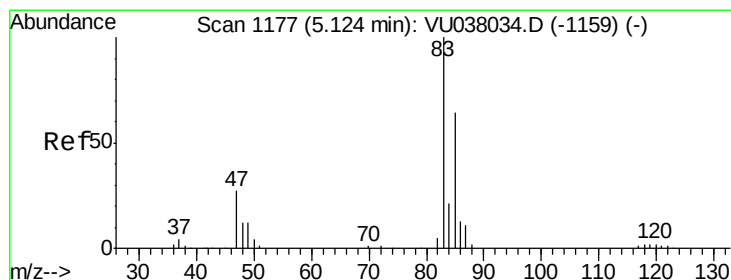
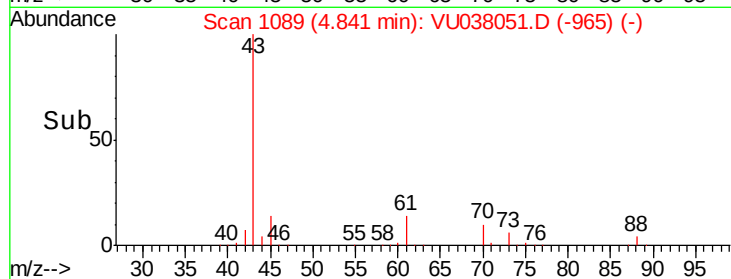
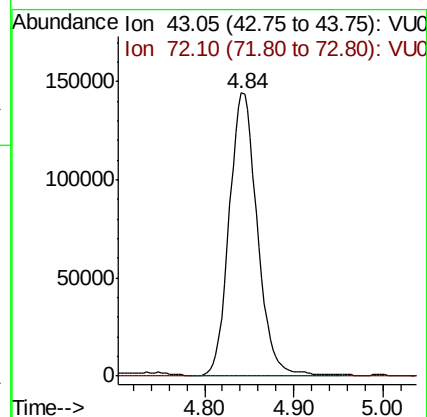
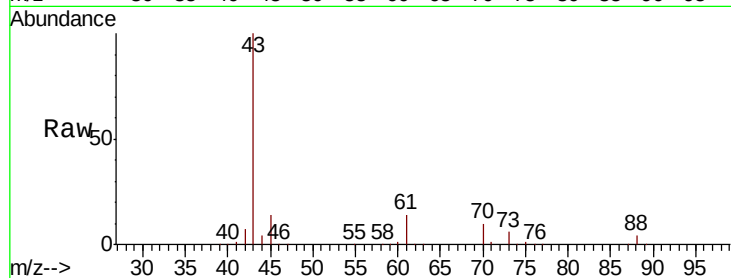




#21
 2-Butanone
 Concen: 33.931 ug/L
 RT: 4.84 min Scan# 1089
 Delta R.T. 0.10 min
 Lab File: VU038051.D
 Acq: 07 May 2020 20:04

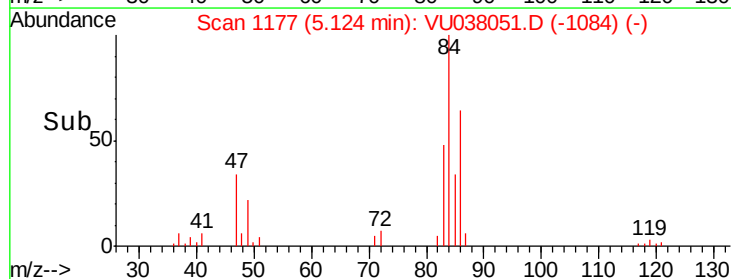
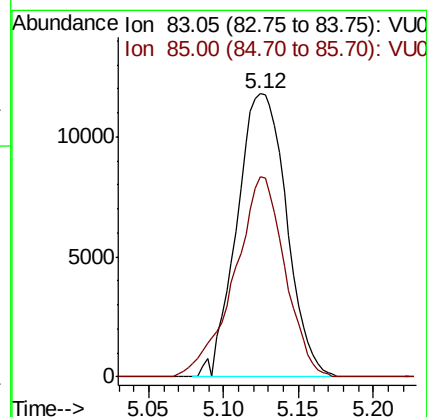
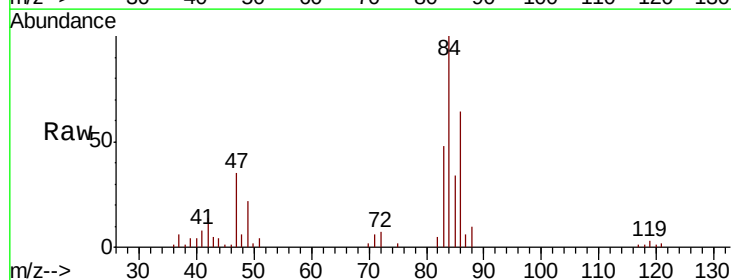
Instrument :
 MSVOA_U
 ClientSampleId :

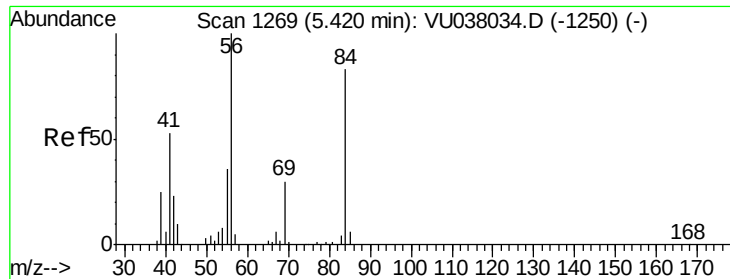
Tot Ion: 43 Resp: 312315
 Ion Ratio Lower Upper
 43 100
 72 0.1 13.5 40.4#



#25
 Chloroform
 Concen: 0.536 ug/L
 RT: 5.12 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: VU038051.D
 Acq: 07 May 2020 20:04

Tgt Ion: 83 Resp: 27232
 Ion Ratio Lower Upper
 83 100
 85 70.9 46.2 85.8

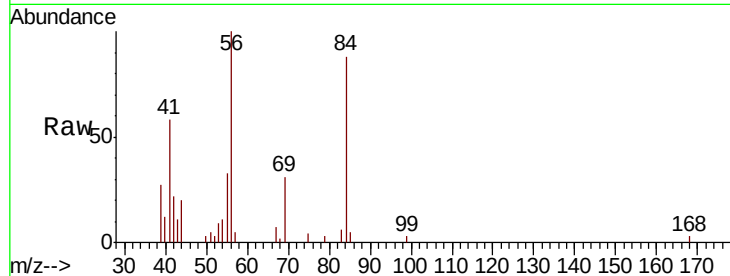




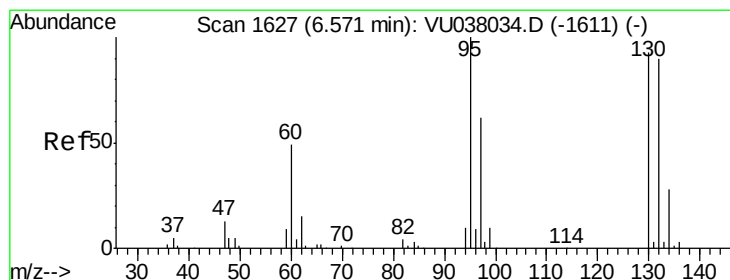
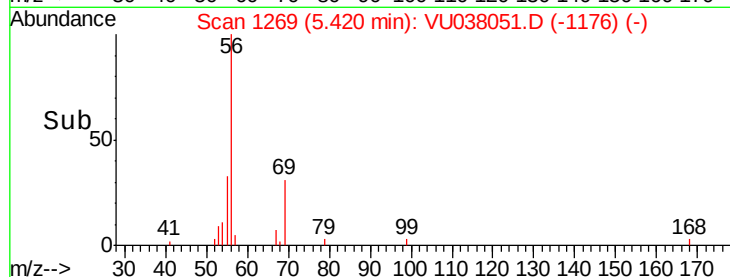
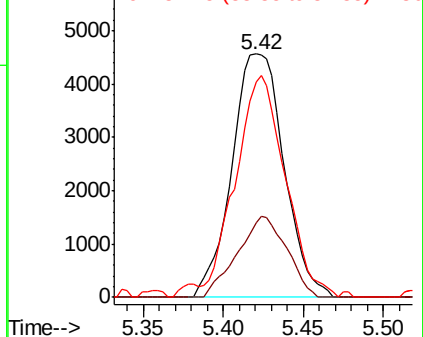
#30
Cyclohexane
Concen: 0.209 ug/L
RT: 5.42 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VU038051.D
Acq: 07 May 2020 20:04

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 56 Resp: 10172
Ion Ratio Lower Upper
56 100
69 31.4 24.2 36.4
84 87.0 68.5 102.7

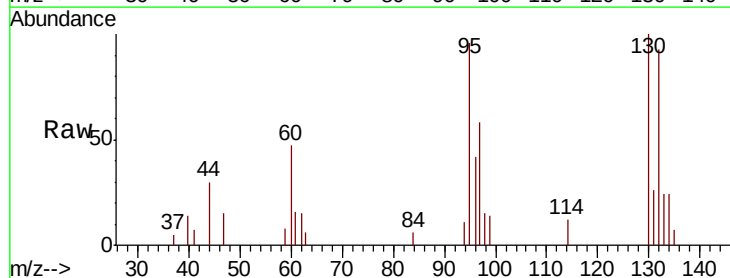


Abundance Ion 56.10 (55.80 to 56.80): VU0
Ion 69.15 (68.85 to 69.85): VU0
Ion 84.15 (83.85 to 84.85): VU0

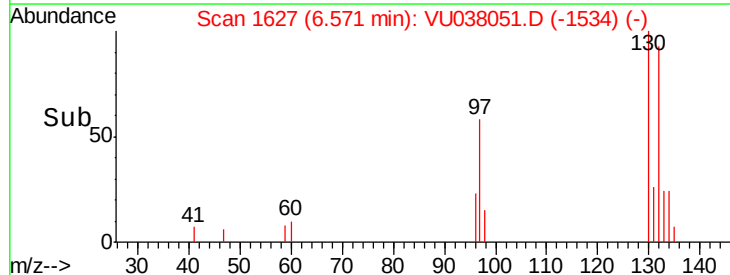
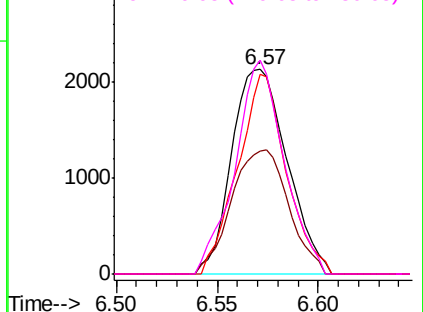


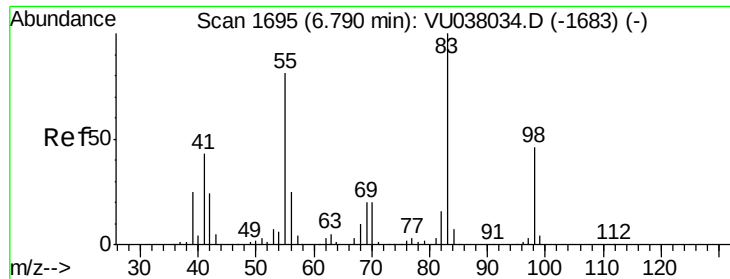
#34
Trichloroethene
Concen: 0.142 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VU038051.D
Acq: 07 May 2020 20:04

Tgt Ion: 95 Resp: 4113
Ion Ratio Lower Upper
95 100
97 60.2 44.9 83.3
132 97.5 63.3 117.5
130 104.5 65.7 122.1



Abundance Ion 95.00 (94.70 to 95.70): VU0
Ion 96.95 (96.65 to 97.65): VU0
Ion 131.95 (131.65 to 132.65): V
Ion 129.95 (129.65 to 130.65): V

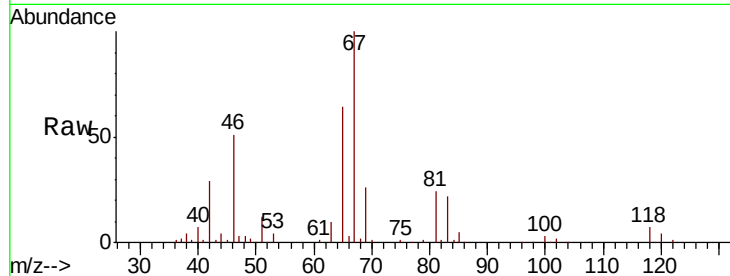




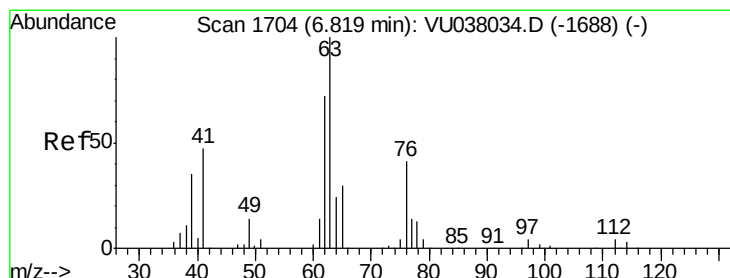
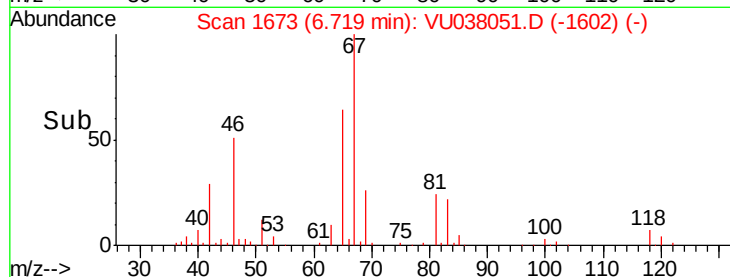
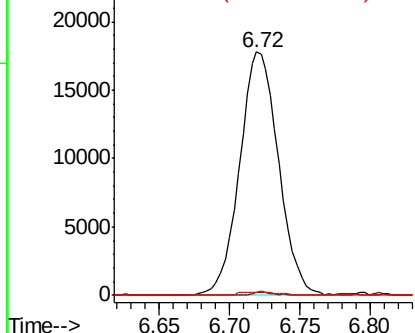
#35
Methylvlcyclohexane
Concen: 0.733 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038051.D
Acq: 07 May 2020 20:04

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 34290
Ion Ratio Lower Upper
83 100
55 0.6 66.7 100.1#
98 1.0 39.4 59.2#

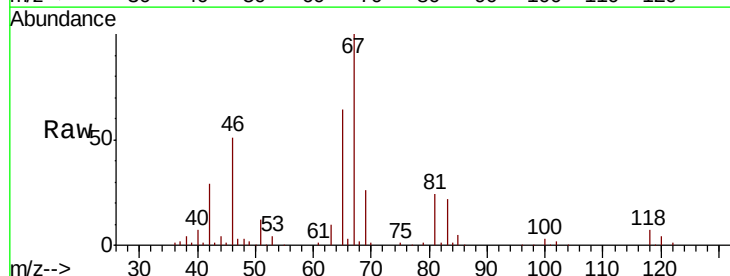


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

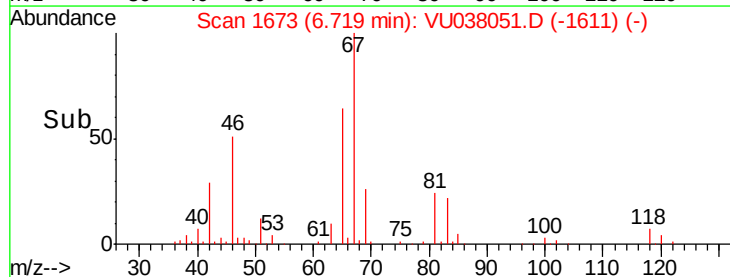
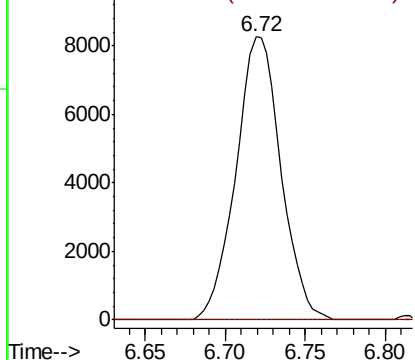


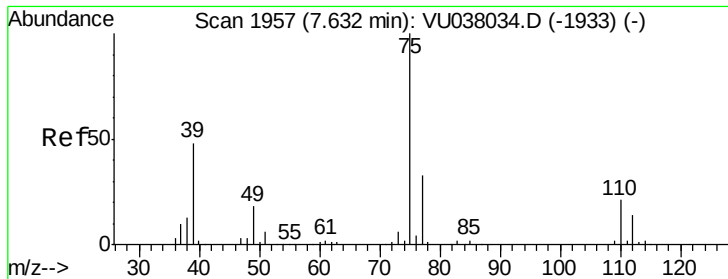
#37
1,2-Dichloropropane
Concen: 0.506 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038051.D
Acq: 07 May 2020 20:04

Tgt Ion: 63 Resp: 15883
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



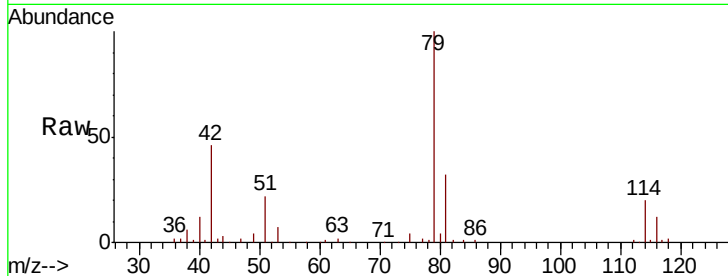


#39

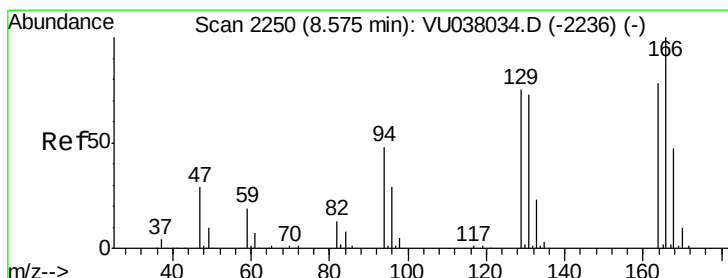
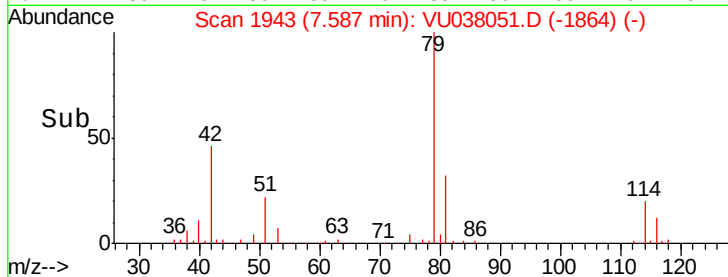
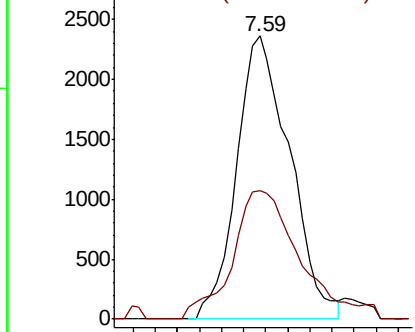
cis-1,3-Dichloropropene
 Concen: 0.088 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.05 min
 Lab File: VU038051.D
 Acq: 07 May 2020 20:04

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 75 Resp: 3949
 Ion Ratio Lower Upper
 75 100
 77 45.3 22.4 41.6#



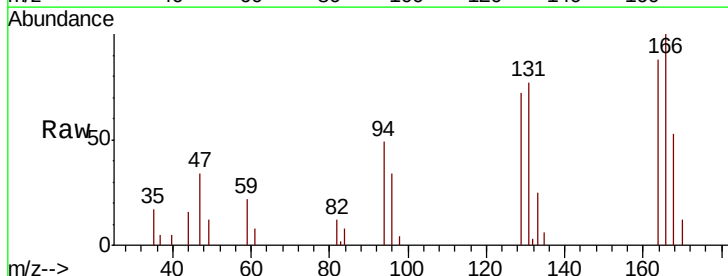
Abundance Ion 75.05 (74.75 to 75.75): VU0
 Ion 77.05 (76.75 to 77.75): VU0



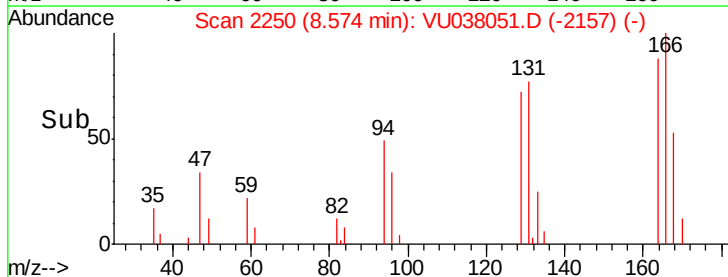
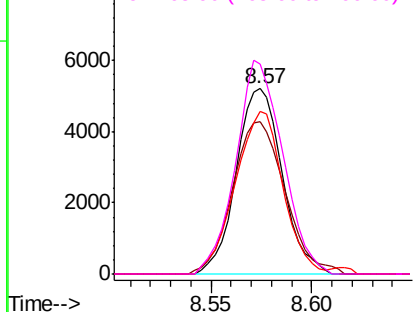
#47

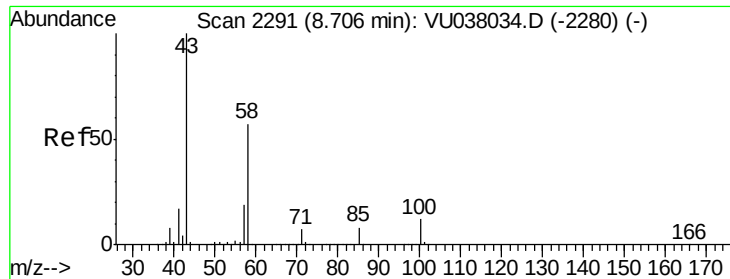
Tetrachloroethene
 Concen: 0.413 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: VU038051.D
 Acq: 07 May 2020 20:04

Tgt Ion:164 Resp: 8345
 Ion Ratio Lower Upper
 164 100
 129 82.0 68.8 127.8
 131 87.8 66.8 124.2
 166 113.8 88.9 165.1



Abundance Ion 163.90 (163.60 to 164.60): V
 Ion 128.95 (128.65 to 129.65): V
 Ion 130.95 (130.65 to 131.65): V
 Ion 165.90 (165.60 to 166.60): V

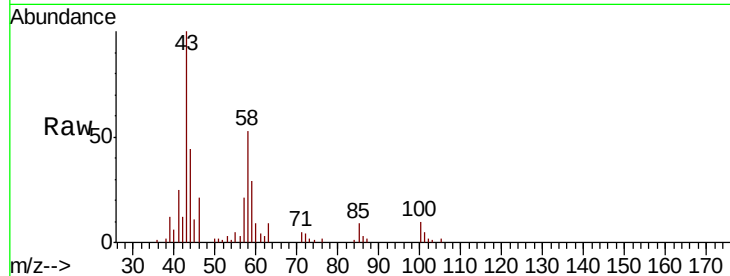




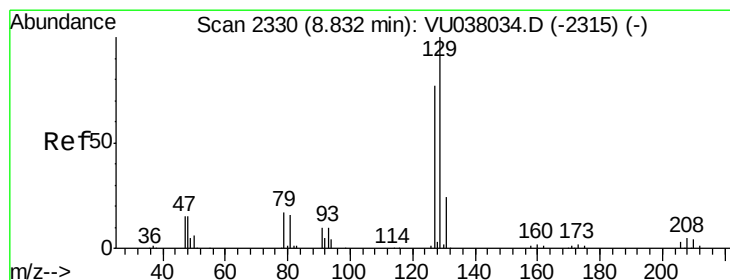
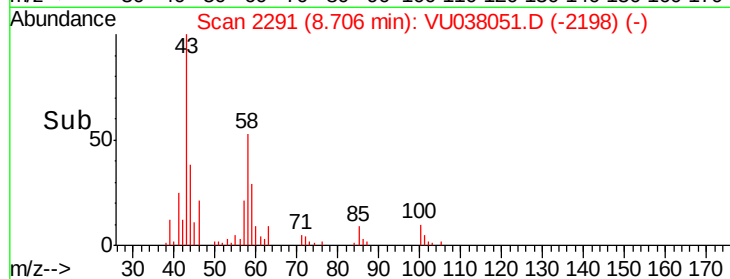
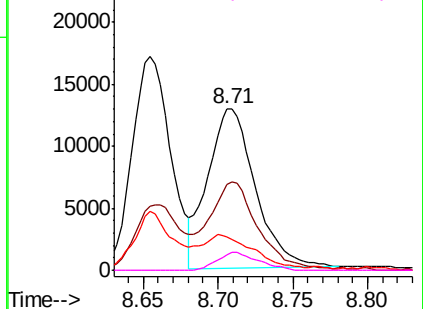
#48
2-Hexanone
Concen: 1.798 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038051.D
Acq: 07 May 2020 20:04

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	43	Resp:	28615
Ion	Ratio	Lower	Upper
43	100		
58	53.8	45.2	67.8
57	21.4	15.5	23.3
100	9.6	9.5	14.3

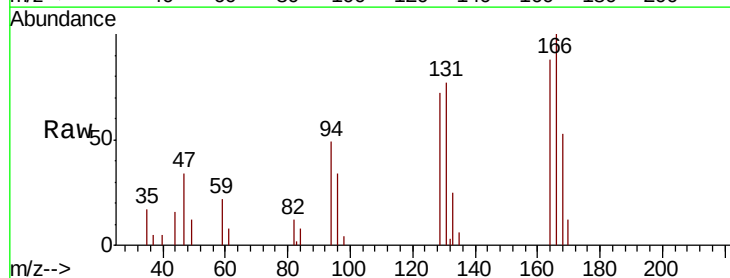


Abundance Ion 43.05 (42.75 to 43.75): VU038034.D (-2280) (-)
Ion 58.05 (57.75 to 58.75): VU038034.D (-2280) (-)
Ion 57.20 (56.90 to 57.90): VU038034.D (-2280) (-)
Ion 100.15 (99.85 to 100.85): VU038034.D (-2280) (-)

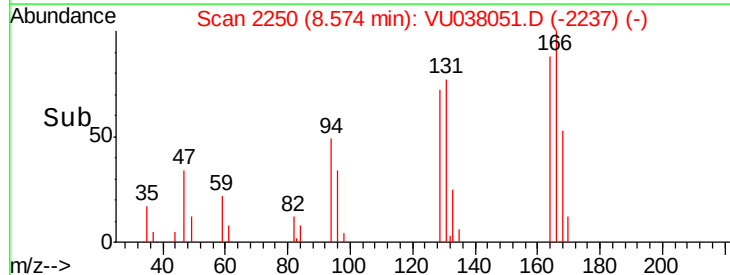
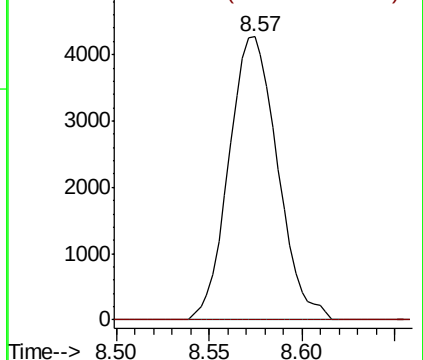


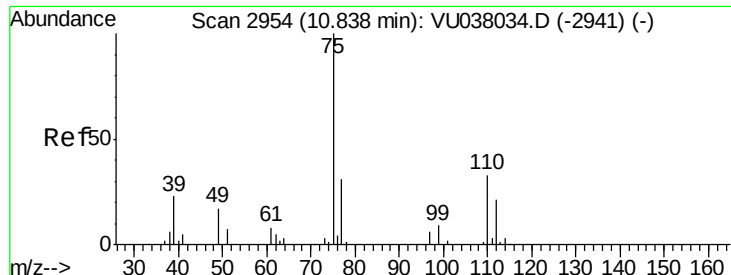
#49
Dibromochloromethane
Concen: 0.345 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. -0.26 min
Lab File: VU038051.D
Acq: 07 May 2020 20:04

Tgt Ion:	129	Resp:	7805
Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.6	103.4#



Abundance Ion 128.95 (128.65 to 129.65): VU038034.D (-2315) (-)
Ion 126.90 (126.60 to 127.60): VU038034.D (-2315) (-)





#59
 1,2,3-Trichloropropane
 Concen: 1.111 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.99 min
 Lab File: VU038051.D
 Acq: 07 May 2020 20:04

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 23384
 Ion Ratio Lower Upper
 75 100
 77 34.5 25.4 38.0

