

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050820\
 Data File : VU038089.D
 Acq On : 08 May 2020 17:26
 Operator : JC/MD
 Sample : L2526-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 09 00:13:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 09 00:11:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	355007	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	353724	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	161861	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	144958	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.93	69	126726	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.59	63	176680	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	4.66	46	347456	43.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.74%
24) Chloroform-d	5.10	84	203956	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.80%
26) 1,2-Dichloroethane-d4	5.74	65	133977	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.76	84	502212	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.72	67	162695	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.92	98	449543	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	8.20	79	56991	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	8.65	63	313200	48.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.80%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	119510	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	154236	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

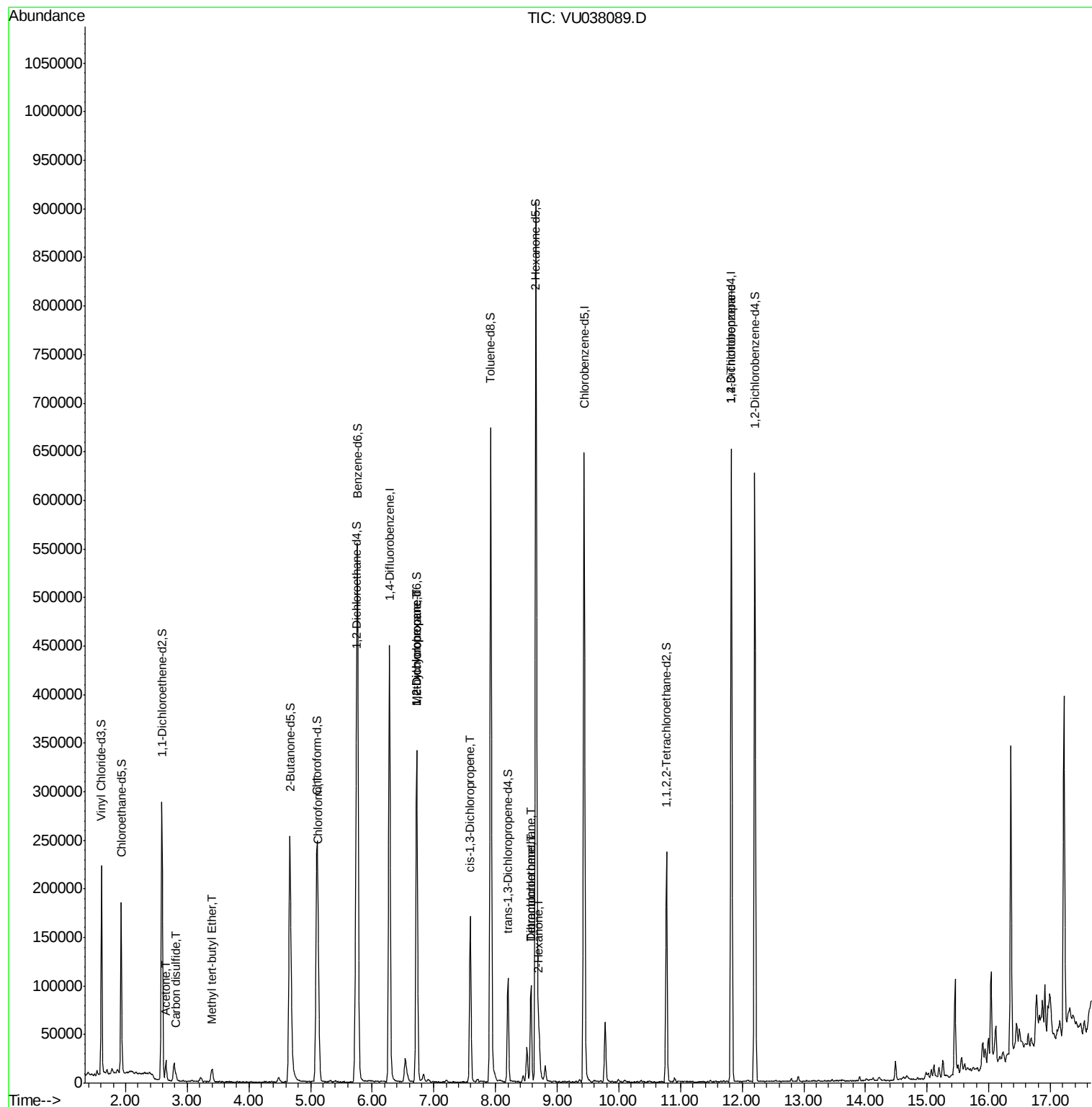
					Ovalue
13) Acetone	2.65	43	23419	4.659	ug/L 96
14) Carbon disulfide	2.82	76	7541	0.086	ug/L 96
17) Methyl tert-butyl Ether	3.40	73	14147	0.207	ug/L 93
25) Chloroform	5.13	83	90131	1.839	ug/L 99
35) Methylcyclohexane	6.72	83	36395	0.793	ug/L # 16
37) 1,2-Dichloropropane	6.72	63	16583	0.539	ug/L # 94
39) cis-1,3-Dichloropropene	7.59	75	3911	0.089	ug/L # 61
47) Tetrachloroethene	8.57	164	20638	1.041	ug/L 93
48) 2-Hexanone	8.71	43	27644	1.770	ug/L # 91
49) Dibromochloromethane	8.57	129	21538	0.971	ug/L # 10
59) 1,2,3-Trichloropropane	11.83	75	21954	1.063	ug/L # 88

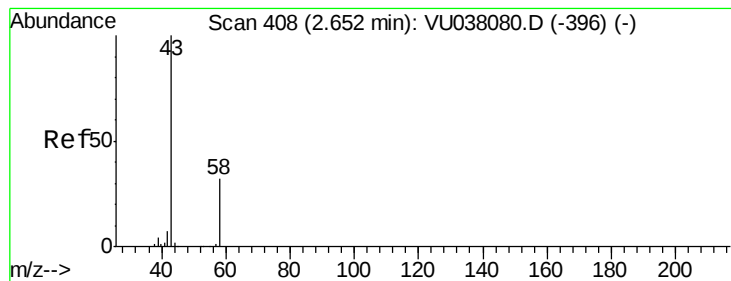
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 4.659 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.00 min

Lab File: VU038089.D

Acq: 08 May 2020 17:26

Instrument :

MSVOA_U

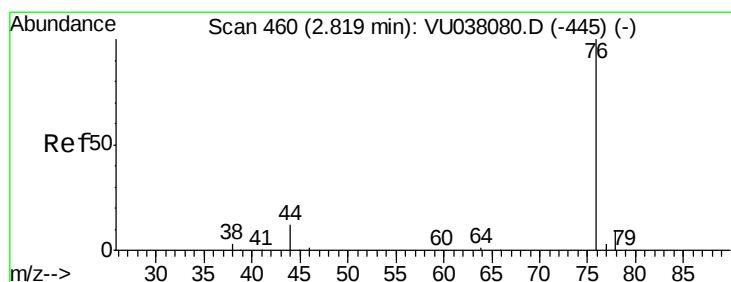
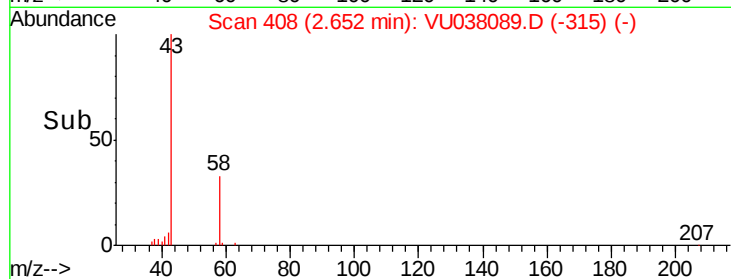
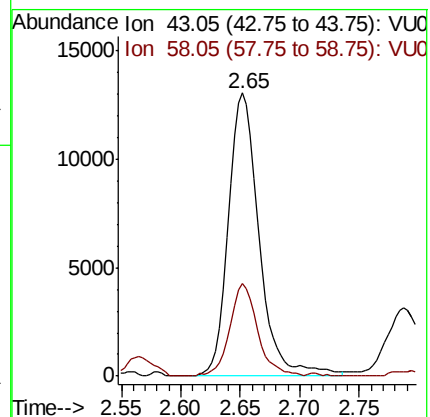
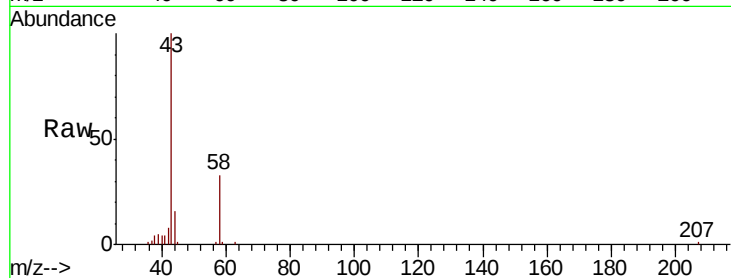
ClientSampled :

Tot Ion: 43 Resp: 23419

Ion Ratio Lower Upper

43 100

58 29.6 0.0 63.6



#14

Carbon disulfide

Concen: 0.086 ug/L

RT: 2.82 min Scan# 460

Delta R.T. -0.00 min

Lab File: VU038089.D

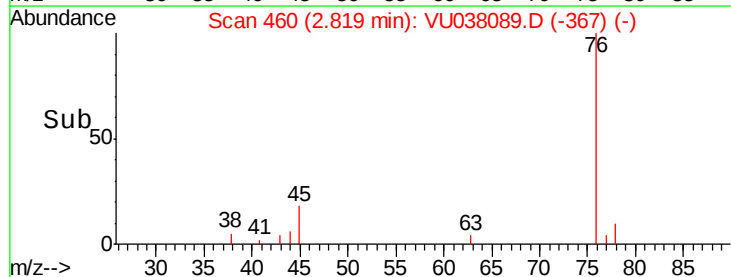
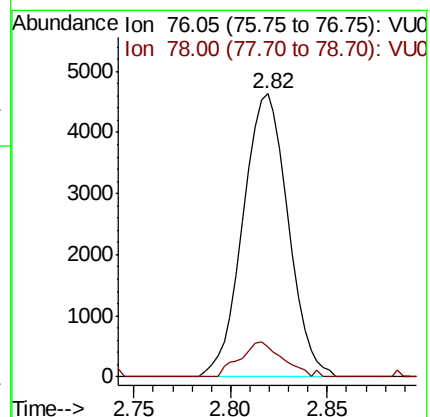
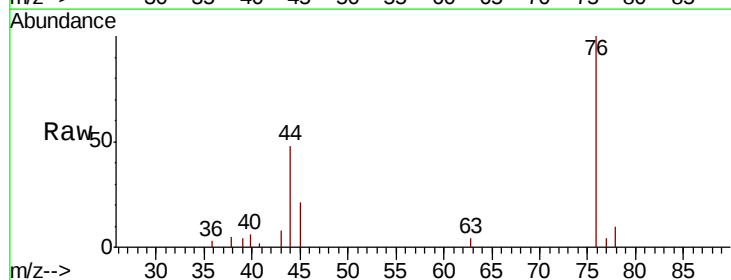
Acq: 08 May 2020 17:26

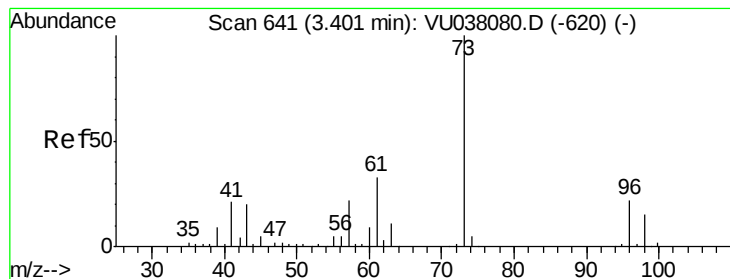
Tgt Ion: 76 Resp: 7541

Ion Ratio Lower Upper

76 100

78 10.4 7.1 10.7



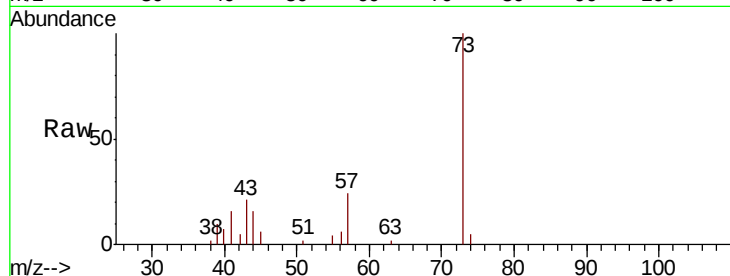


#17

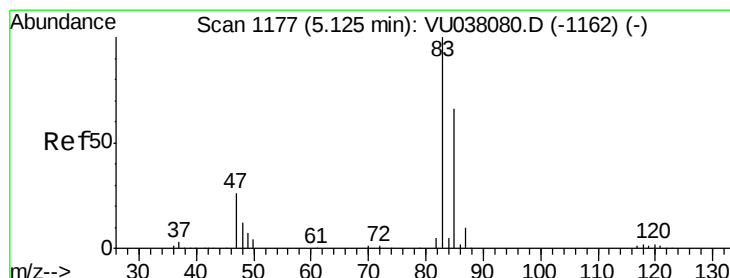
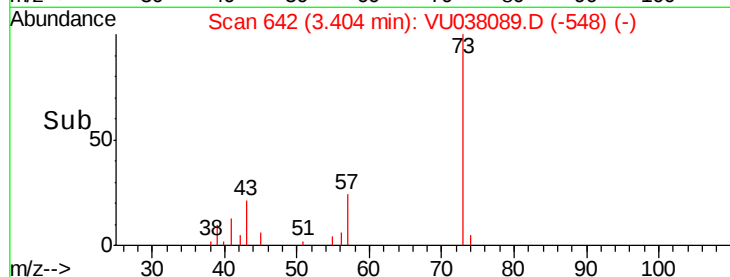
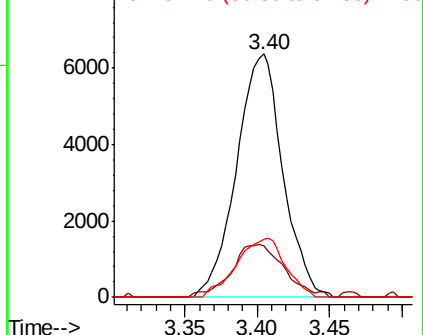
Methyl tert-butyl Ether
 Concen: 0.207 ug/L
 RT: 3.40 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: VU038089.D
 Acq: 08 May 2020 17:26

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 73 Resp: 14147
 Ion Ratio Lower Upper
 73 100
 43 24.7 16.9 25.3
 57 25.7 18.2 27.2



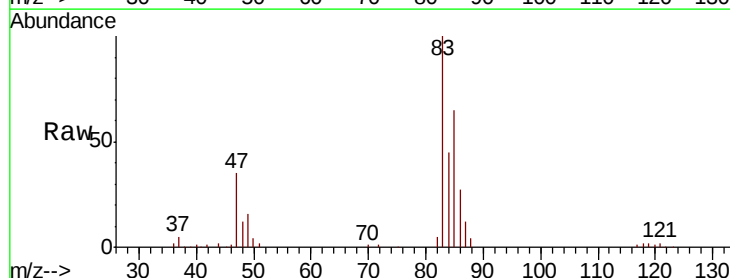
Abundance Ion 73.10 (72.80 to 73.80): VU0
 Ion 43.05 (42.75 to 43.75): VU0
 Ion 57.10 (56.80 to 57.80): VU0



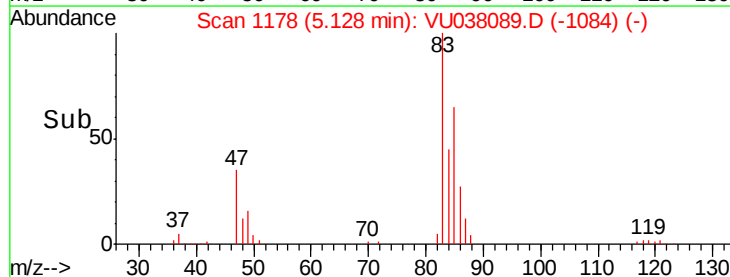
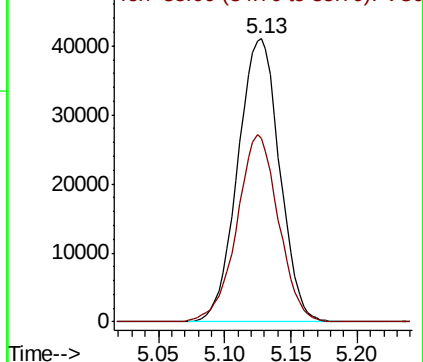
#25

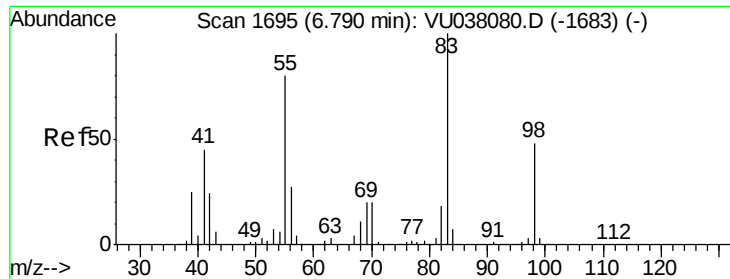
Chloroform
 Concen: 1.839 ug/L
 RT: 5.13 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: VU038089.D
 Acq: 08 May 2020 17:26

Tgt Ion: 83 Resp: 90131
 Ion Ratio Lower Upper
 83 100
 85 64.8 46.2 85.8



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





#35

Methylcyclohexane

Concen: 0.793 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU038089.D

Acq: 08 May 2020 17:26

Instrument :
MSVOA_U
ClientSampled :

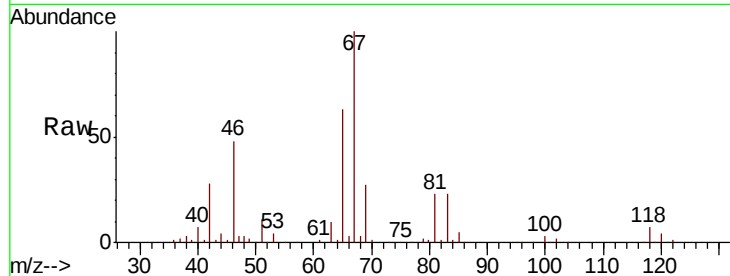
Tot Ion: 83 Resp: 36395

Ion Ratio Lower Upper

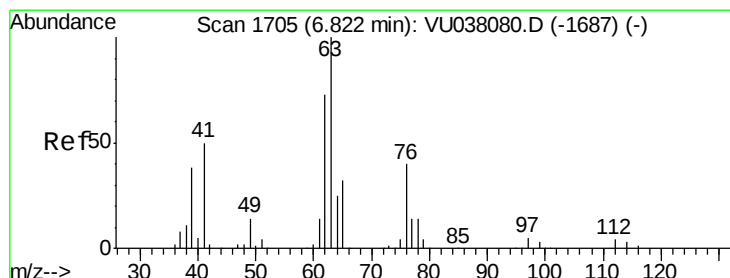
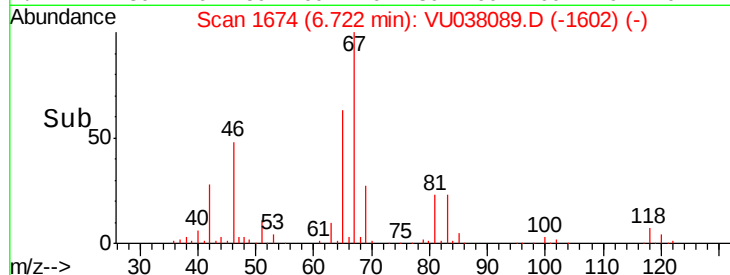
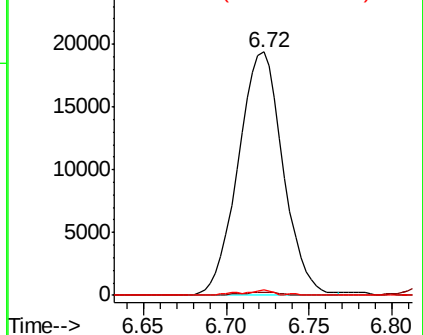
83 100

55 1.1 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: 0.539 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU038089.D

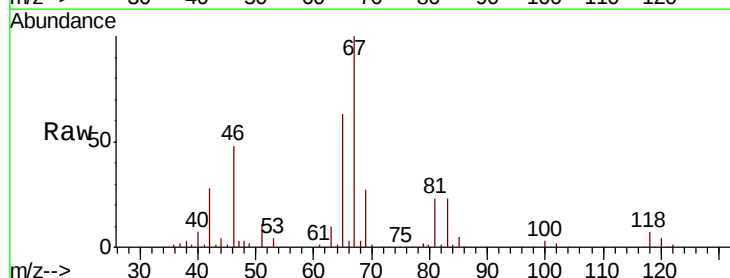
Acq: 08 May 2020 17:26

Tgt Ion: 63 Resp: 16583

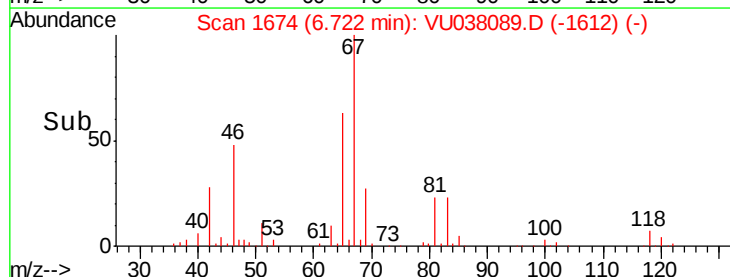
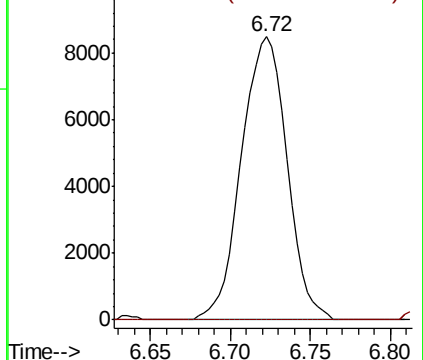
Ion Ratio Lower Upper

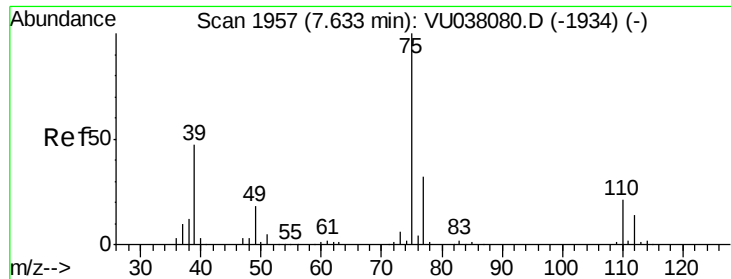
63 100

112 5.9 3.1 4.7#



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



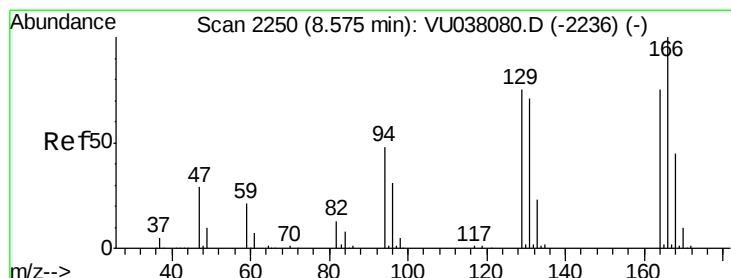
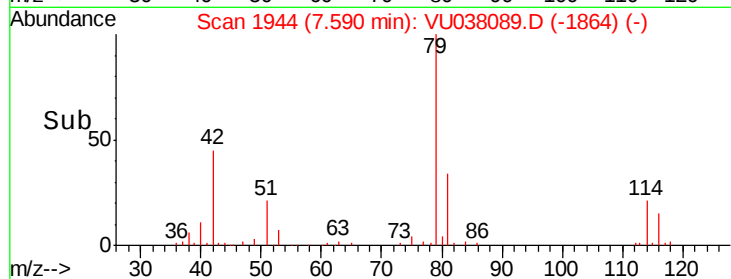
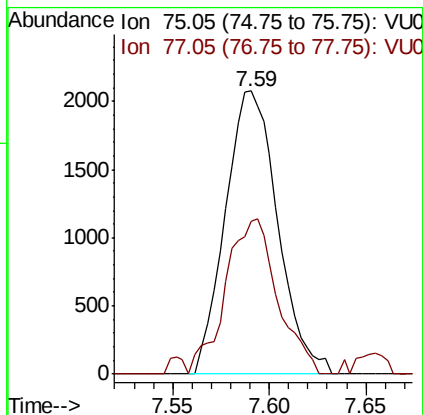
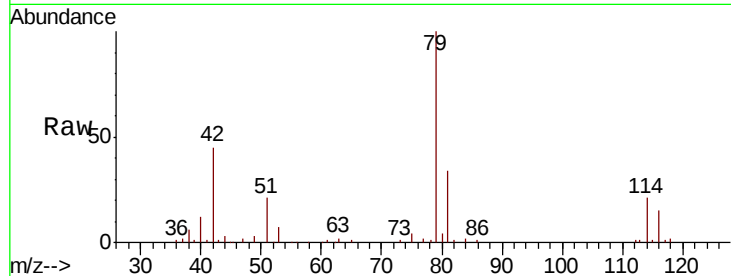


#39

cis-1,3-Dichloropropene
 Concen: 0.089 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038089.D
 Acq: 08 May 2020 17:26

Instrument :
 MSVOA_U
 ClientSampleId :

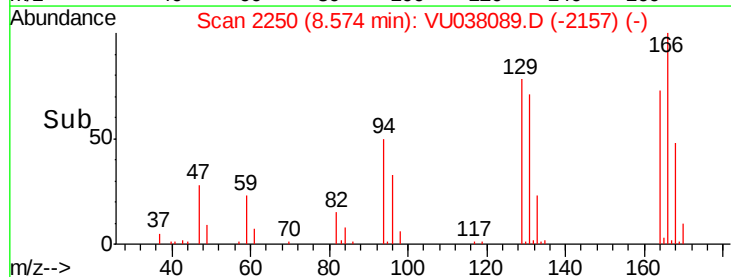
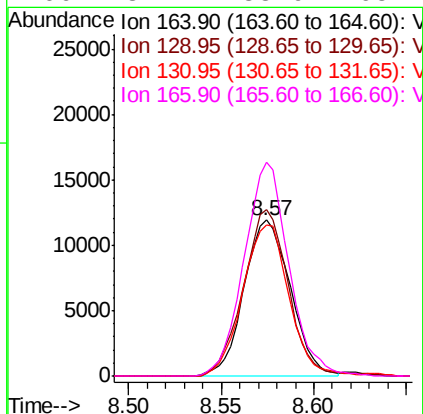
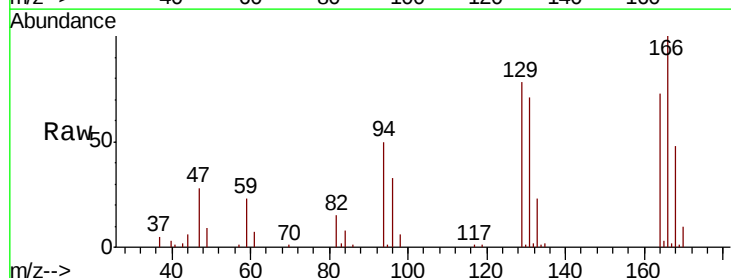
Tot Ion: 75 Resp: 3911
 Ion Ratio Lower Upper
 75 100
 77 53.8 22.4 41.6#

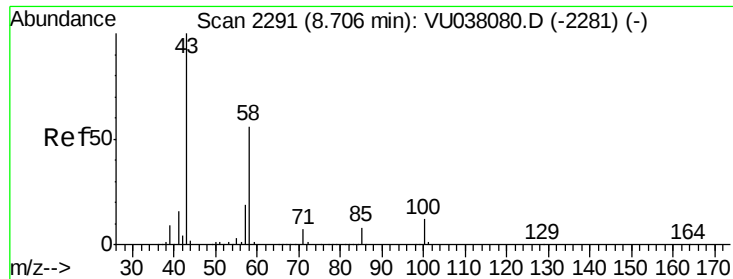


#47

Tetrachloroethene
 Concen: 1.041 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: VU038089.D
 Acq: 08 May 2020 17:26

Tgt Ion:164 Resp: 20638
 Ion Ratio Lower Upper
 164 100
 129 106.8 68.8 127.8
 131 97.2 66.8 124.2
 166 137.1 88.9 165.1

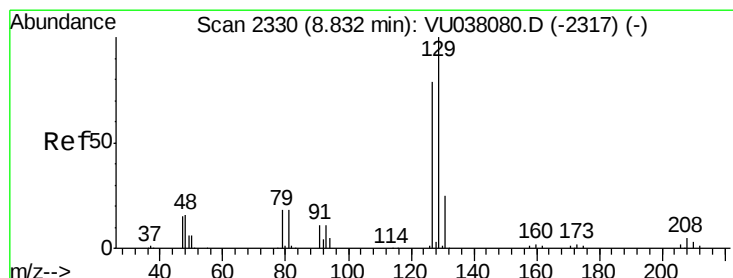
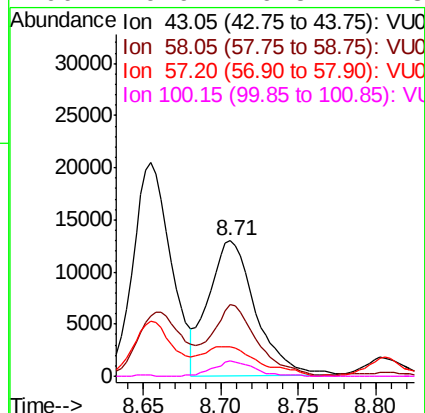
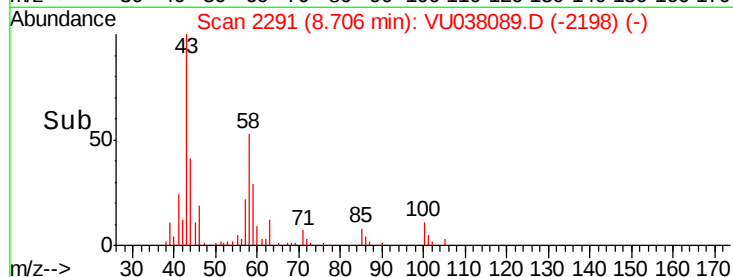
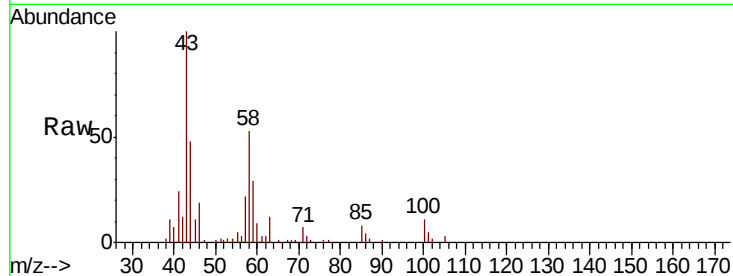




#48
2-Hexanone
Concen: 1.770 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038089.D
Acq: 08 May 2020 17:26

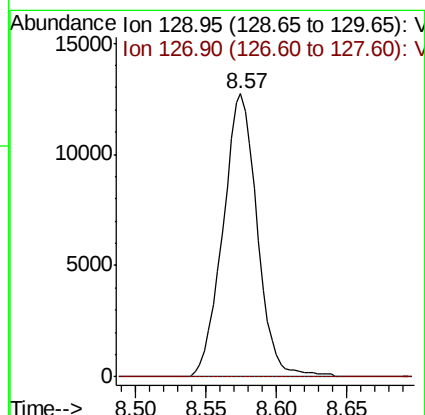
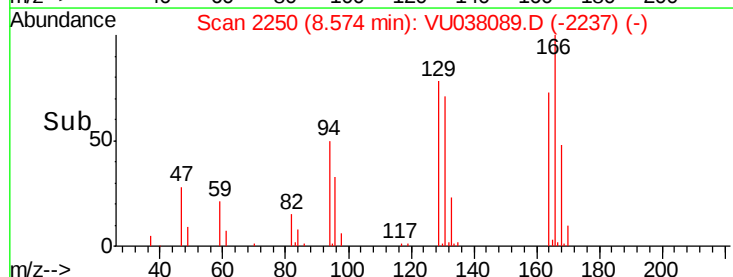
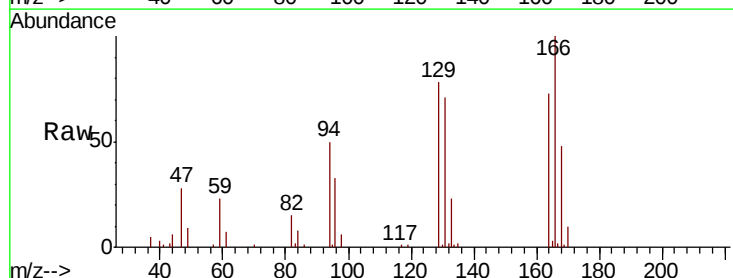
Instrument :
MSVOA_U
ClientSampleId :

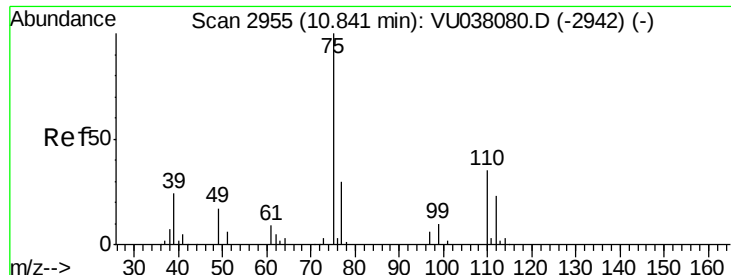
Tot Ion: 43 Resp: 27644
Ion Ratio Lower Upper
43 100
58 49.8 45.2 67.8
57 25.4 15.5 23.3#
100 9.9 9.5 14.3



#49
Dibromochloromethane
Concen: 0.971 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. -0.26 min
Lab File: VU038089.D
Acq: 08 May 2020 17:26

Tgt Ion: 129 Resp: 21538
Ion Ratio Lower Upper
129 100
127 0.0 55.6 103.4#





#59

1,2,3-Trichloropropane

Concen: 1.063 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU038089.D

Acq: 08 May 2020 17:26

Instrument :

MSVOA_U

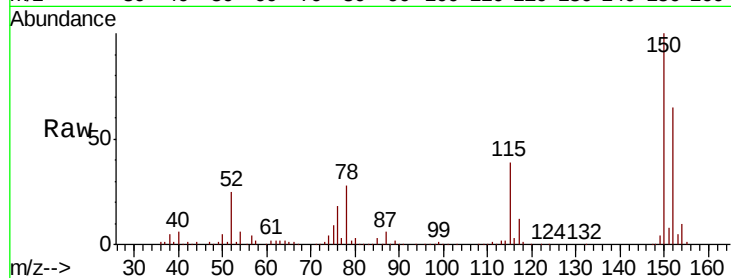
ClientSampleId :

Tot Ion: 75 Resp: 21954

Ion Ratio Lower Upper

75 100

77 38.3 25.4 38.0#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

