

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050820\
 Data File : VU038090.D
 Acq On : 08 May 2020 17:49
 Operator : JC/MD
 Sample : L2526-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 09 00:14:04 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	351804	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	343858	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	162050	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	144819	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.93	69	127720	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.59	63	179971	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	4.66	46	338632	42.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.30%
24) Chloroform-d	5.10	84	200107	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.00%
26) 1,2-Dichloroethane-d4	5.74	65	130718	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.76	84	502831	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.72	67	161817	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.92	98	449899	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
43) trans-1,3-Dichloropropene-	8.20	79	55624	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.65	63	293349	46.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.26%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	118833	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	159307	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

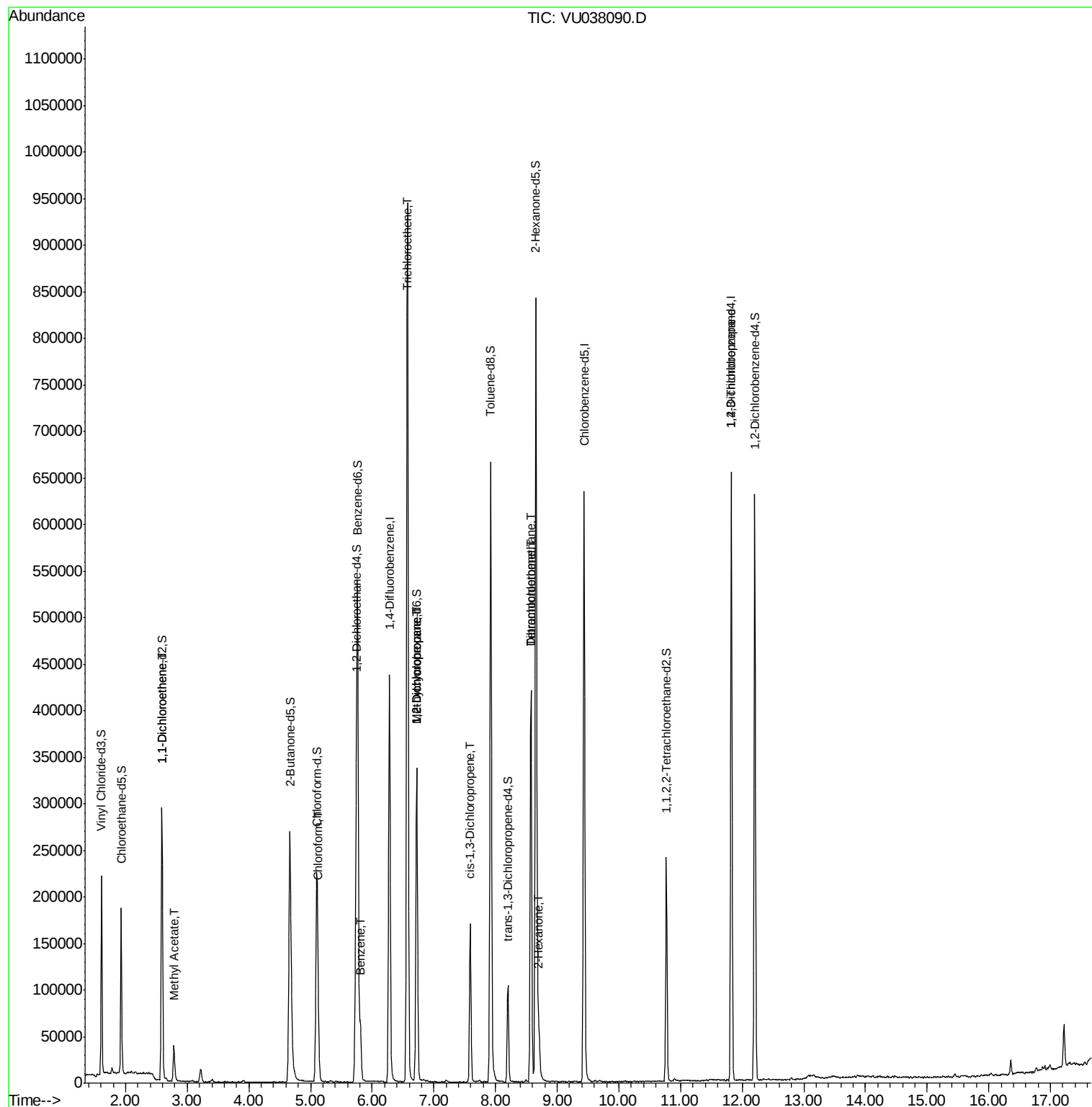
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.59	96	1468	0.060	ug/L #	1
15) Methyl Acetate	2.78	43	10444	0.750	ug/L #	53
25) Chloroform	5.12	83	38478	0.792	ug/L	94
33) Benzene	5.81	78	53637	0.487	ug/L	100
34) Trichloroethene	6.57	95	324746	11.792	ug/L	99
35) Methylcyclohexane	6.72	83	36092	0.809	ug/L #	16
37) 1,2-Dichloropropane	6.72	63	17272	0.577	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3586	0.084	ug/L #	54
47) Tetrachloroethene	8.57	164	93245	4.840	ug/L	98
48) 2-Hexanone	8.71	43	27448	1.808	ug/L #	91
49) Dibromochloromethane	8.57	129	88635	4.112	ug/L #	10
59) 1,2,3-Trichloropropane	11.82	75	22801	1.136	ug/L	97

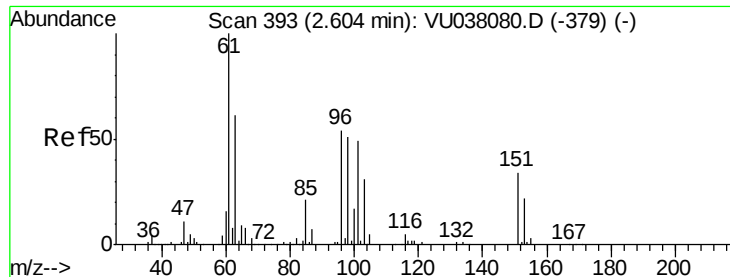
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.060 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.01 min

Lab File: VU038090.D

Acq: 08 May 2020 17:49

Instrument :
MSVOA_U
ClientSampled :

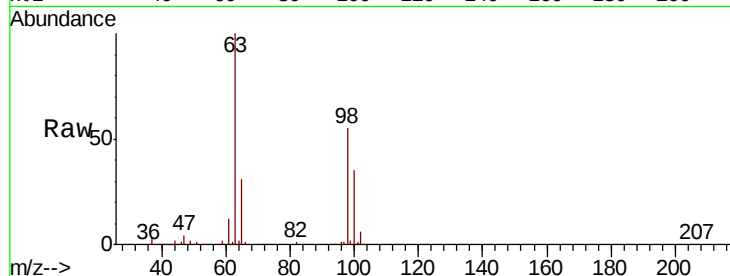
Tot Ion: 96 Resp: 1468

Ion Ratio Lower Upper

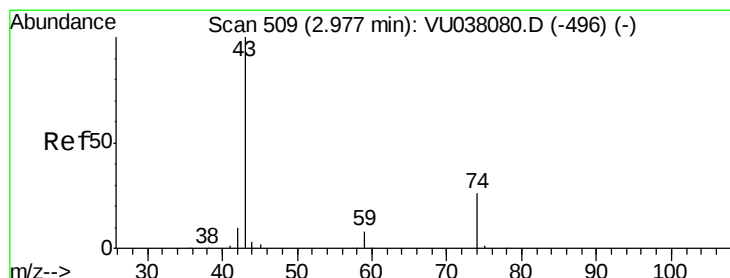
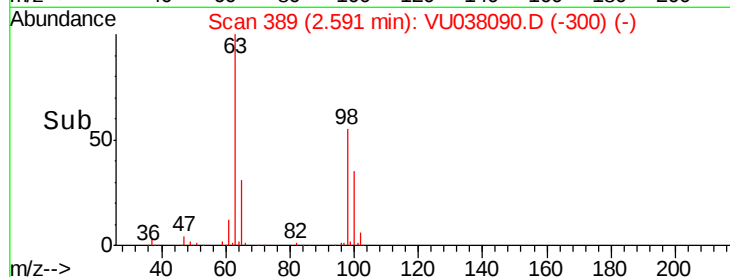
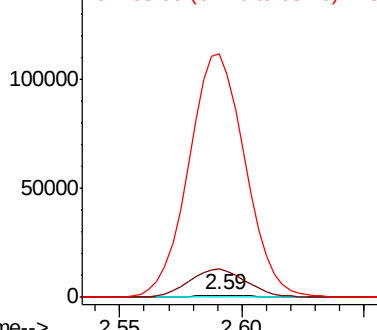
96 100

61 1513.4 126.2 234.4#

63 13008.2 96.9 179.9#



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



#15

Methyl Acetate

Concen: 0.750 ug/L

RT: 2.78 min Scan# 449

Delta R.T. -0.19 min

Lab File: VU038090.D

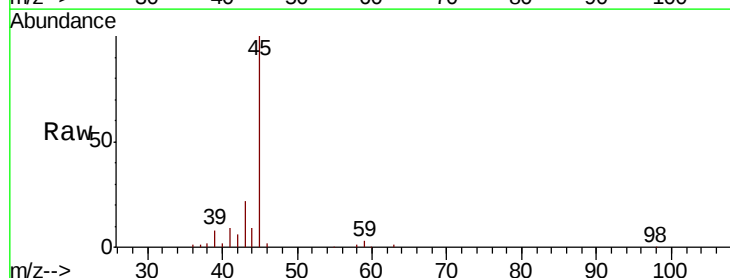
Acq: 08 May 2020 17:49

Tgt Ion: 43 Resp: 10444

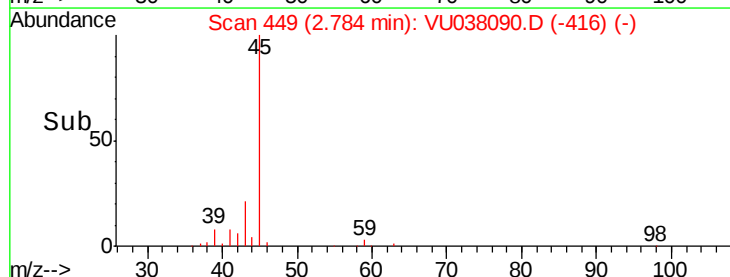
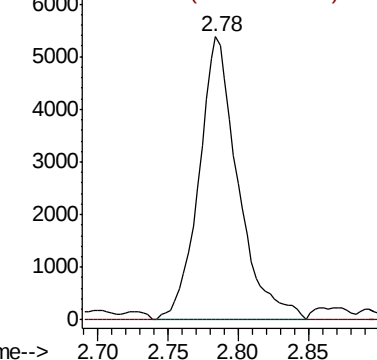
Ion Ratio Lower Upper

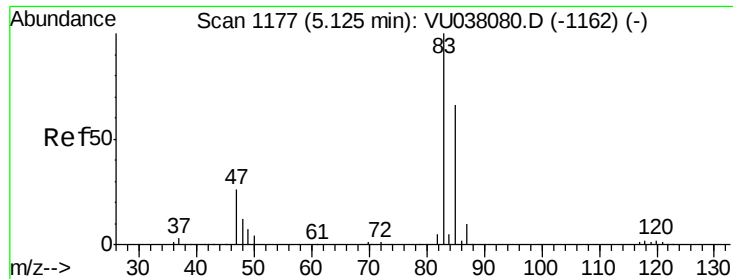
43 100

74 0.0 18.0 27.0#



Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 74.05 (73.75 to 74.75): VU0

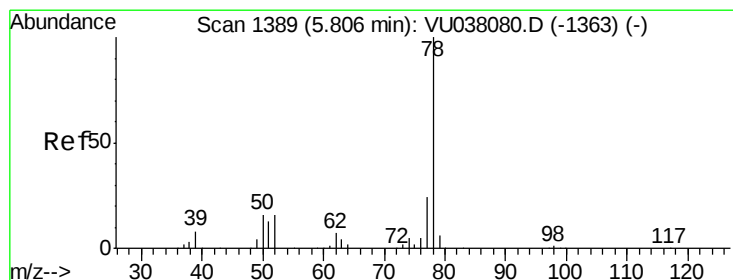
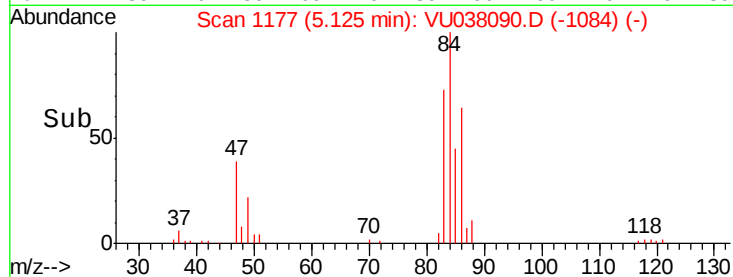
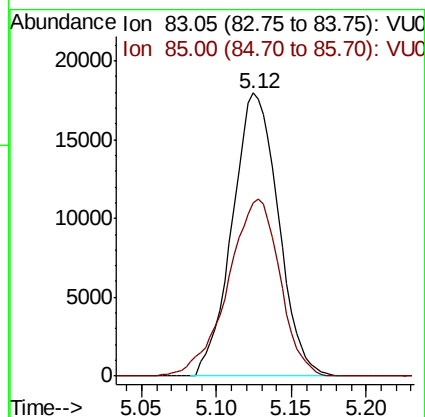
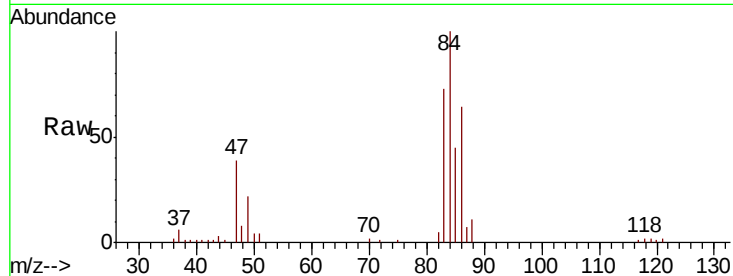




#25
Chloroform
Concen: 0.792 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU038090.D
Acq: 08 May 2020 17:49

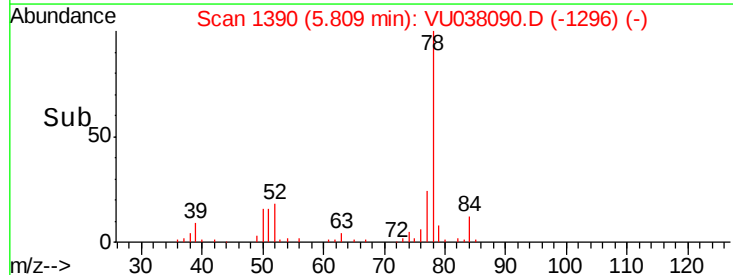
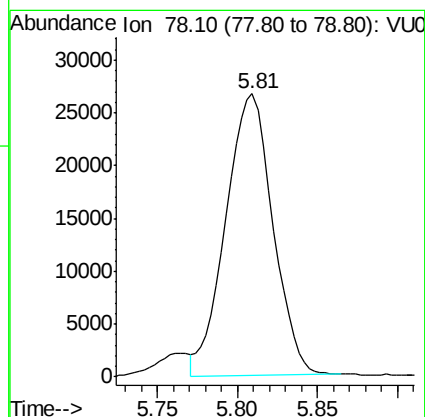
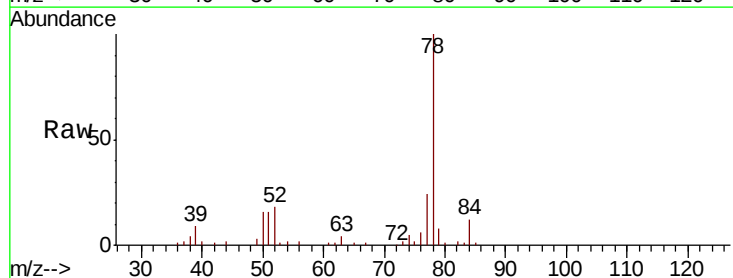
Instrument :
MSVOA_U
ClientSampleId :

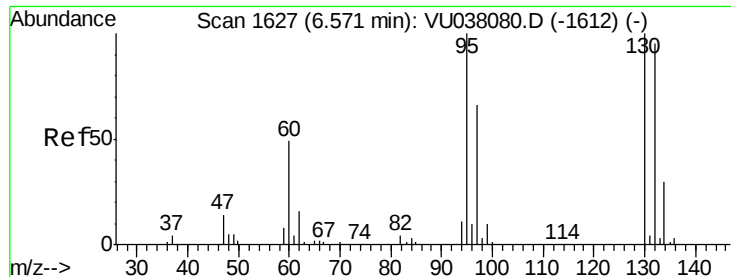
Tot Ion: 83 Resp: 38478
Ion Ratio Lower Upper
83 100
85 61.3 46.2 85.8



#33
Benzene
Concen: 0.487 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VU038090.D
Acq: 08 May 2020 17:49

Tgt Ion: 78 Resp: 53637

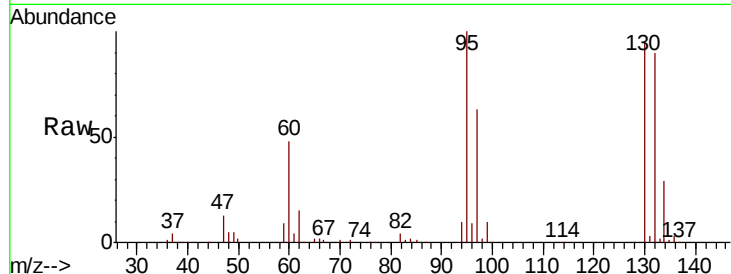




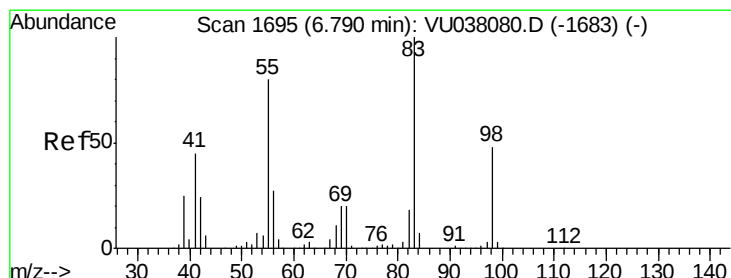
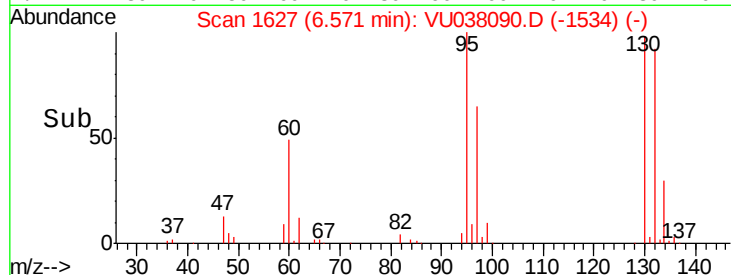
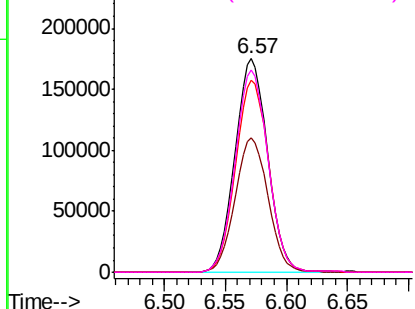
#34
 Trichloroethene
 Concen: 11.792 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU038090.D
 Acq: 08 May 2020 17:49

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 95 Resp: 324746
 Ion Ratio Lower Upper
 95 100
 97 62.9 44.9 83.3
 132 89.9 63.3 117.5
 130 95.0 65.7 122.1

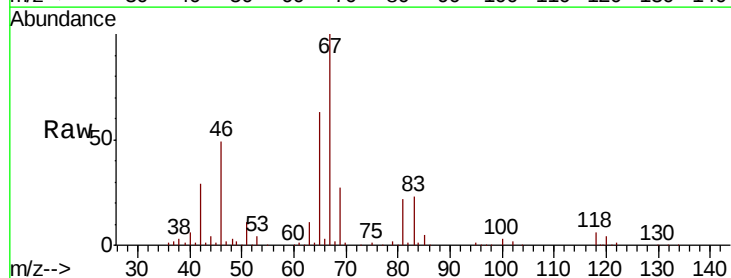


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

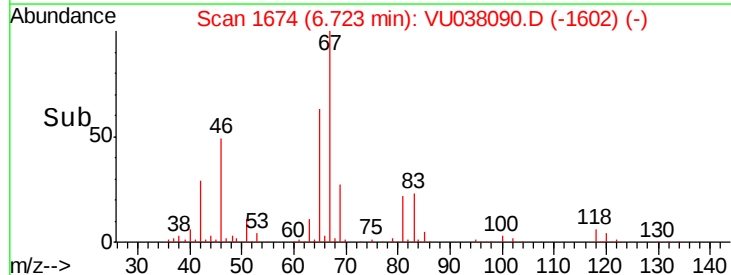
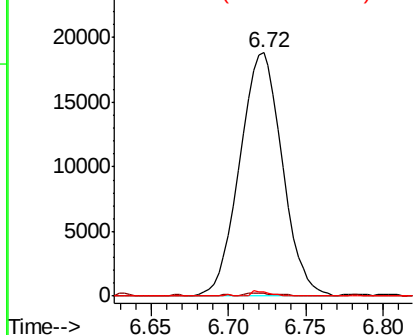


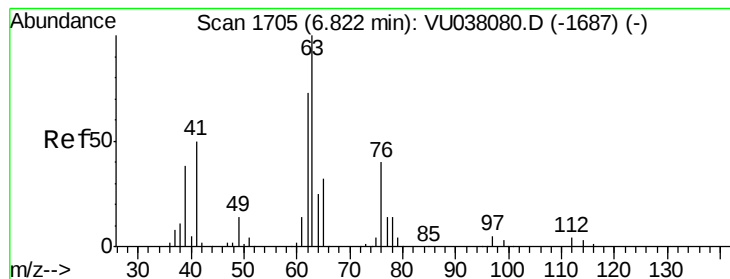
#35
 Methylcyclohexane
 Concen: 0.809 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.07 min
 Lab File: VU038090.D
 Acq: 08 May 2020 17:49

Tgt Ion: 83 Resp: 36092
 Ion Ratio Lower Upper
 83 100
 55 0.7 66.7 100.1#
 98 0.8 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: 0.577 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU038090.D

Acq: 08 May 2020 17:49

Instrument :

MSVOA_U

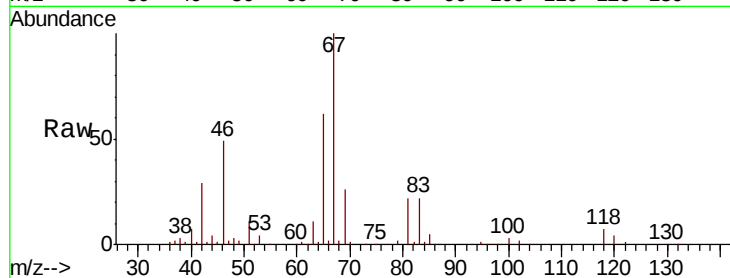
ClientSampled :

Tot Ion: 63 Resp: 17272

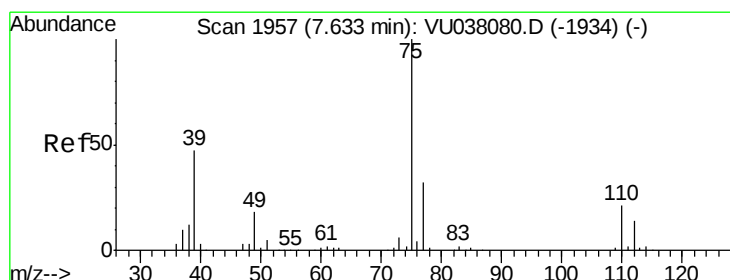
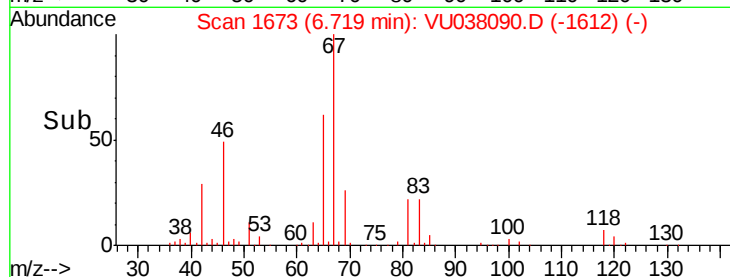
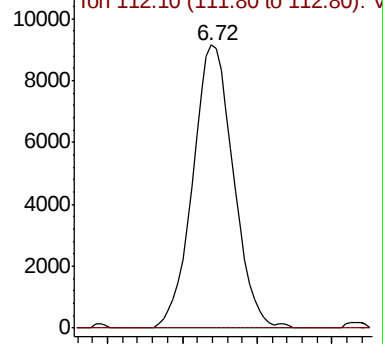
Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU038080.D (-1687) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 7.59 min Scan# 1945

Delta R.T. -0.04 min

Lab File: VU038090.D

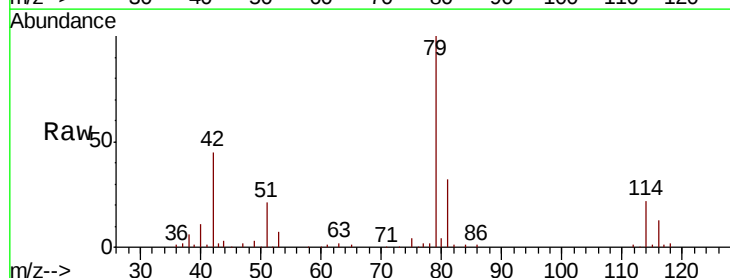
Acq: 08 May 2020 17:49

Tgt Ion: 75 Resp: 3586

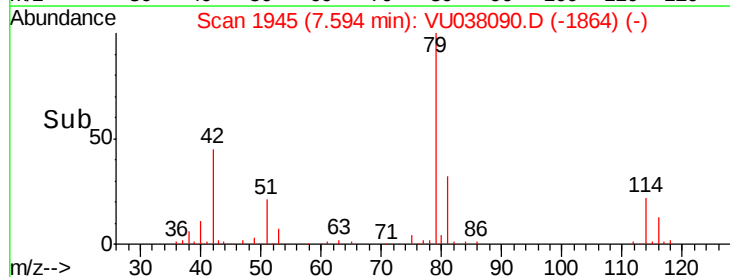
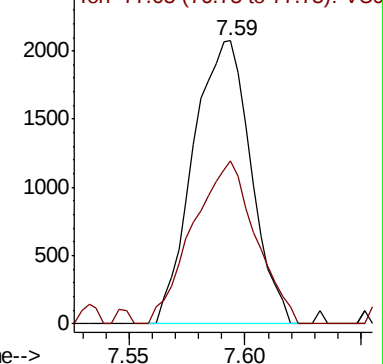
Ion Ratio Lower Upper

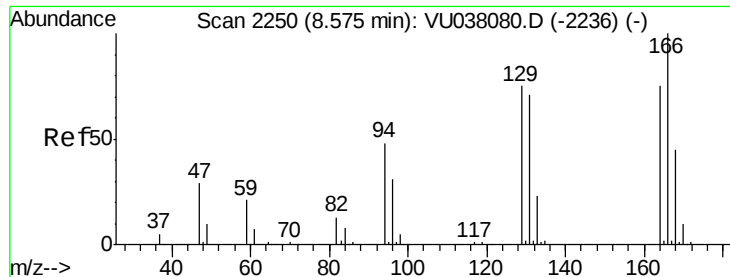
75 100

77 57.6 22.4 41.6#



Abundance Ion 75.05 (74.75 to 75.75): VU038080.D (-1934) (-)

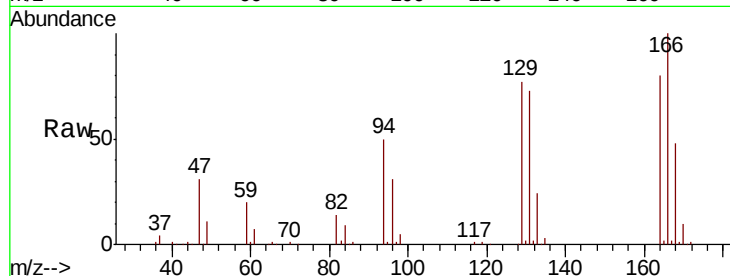




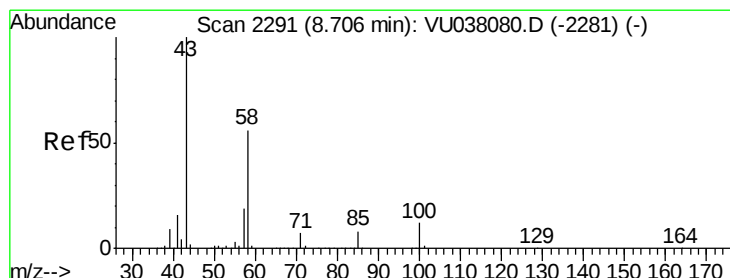
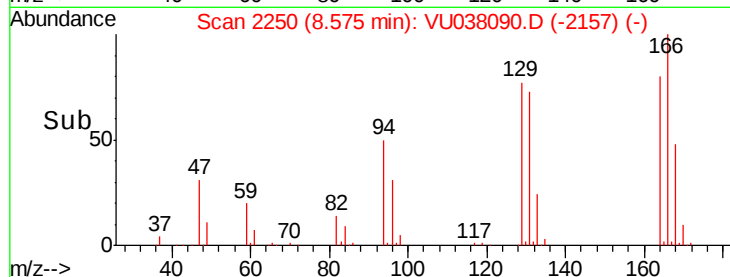
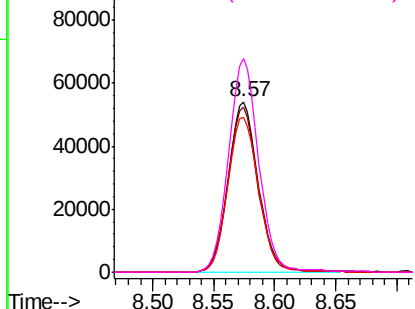
#47
Tetrachloroethene
Concen: 4.840 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. 0.00 min
Lab File: VU038090.D
Acq: 08 May 2020 17:49

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:164 Resp: 93245
Ion Ratio Lower Upper
164 100
129 96.6 68.8 127.8
131 91.0 66.8 124.2
166 125.3 88.9 165.1

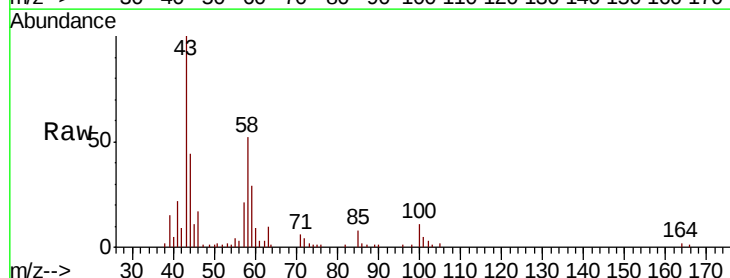


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

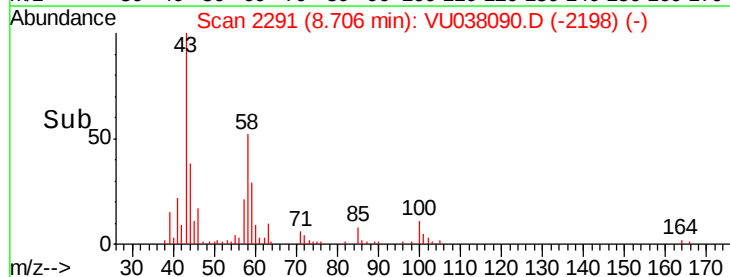
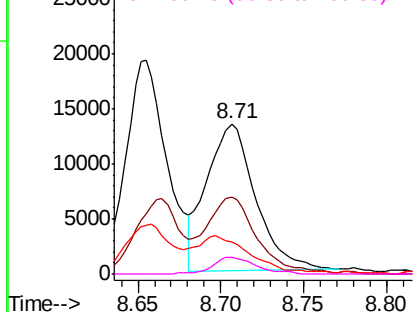


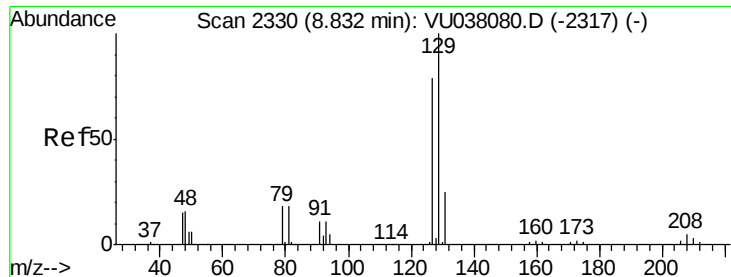
#48
2-Hexanone
Concen: 1.808 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038090.D
Acq: 08 May 2020 17:49

Tgt Ion: 43 Resp: 27448
Ion Ratio Lower Upper
43 100
58 50.7 45.2 67.8
57 26.1 15.5 23.3#
100 9.9 9.5 14.3



Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0

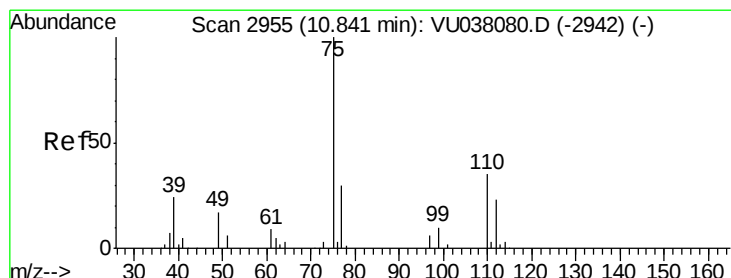
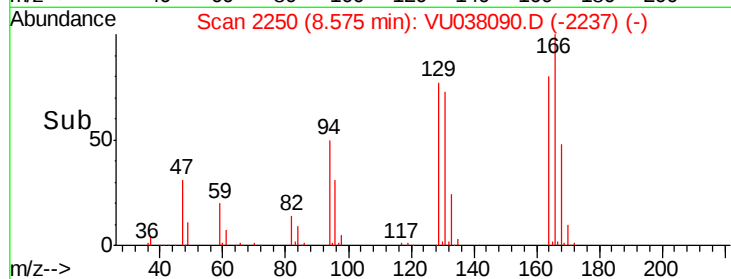
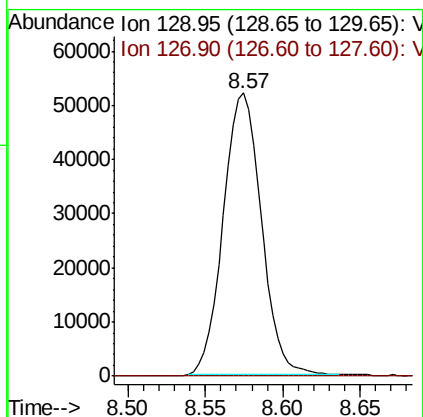
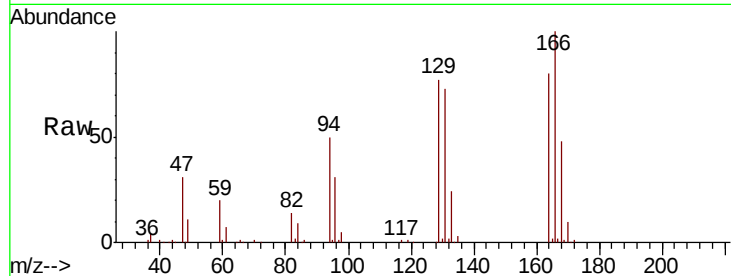




#49
 Dibromochloromethane
 Concen: 4.112 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. -0.26 min
 Lab File: VU038090.D
 Acq: 08 May 2020 17:49

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:129 Resp: 88635
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.6 103.4#



#59
 1,2,3-Trichloropropane
 Concen: 1.136 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU038090.D
 Acq: 08 May 2020 17:49

Tgt Ion: 75 Resp: 22801
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.4 38.0

