

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050820\
 Data File : VU038091.D
 Acq On : 08 May 2020 18:12
 Operator : JC/MD
 Sample : L2526-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 09 00:14:14 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	354863	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	349127	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	160595	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	145960	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.93	69	126254	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	2.59	63	181227	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	4.66	46	351961	43.95	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.90%
24) Chloroform-d	5.10	84	209526	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
26) 1,2-Dichloroethane-d4	5.74	65	133204	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.76	84	509194	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.72	67	165264	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.92	98	455797	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
43) trans-1,3-Dichloropropene-	8.20	79	57022	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.66	63	292622	45.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.62%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	120905	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	160825	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

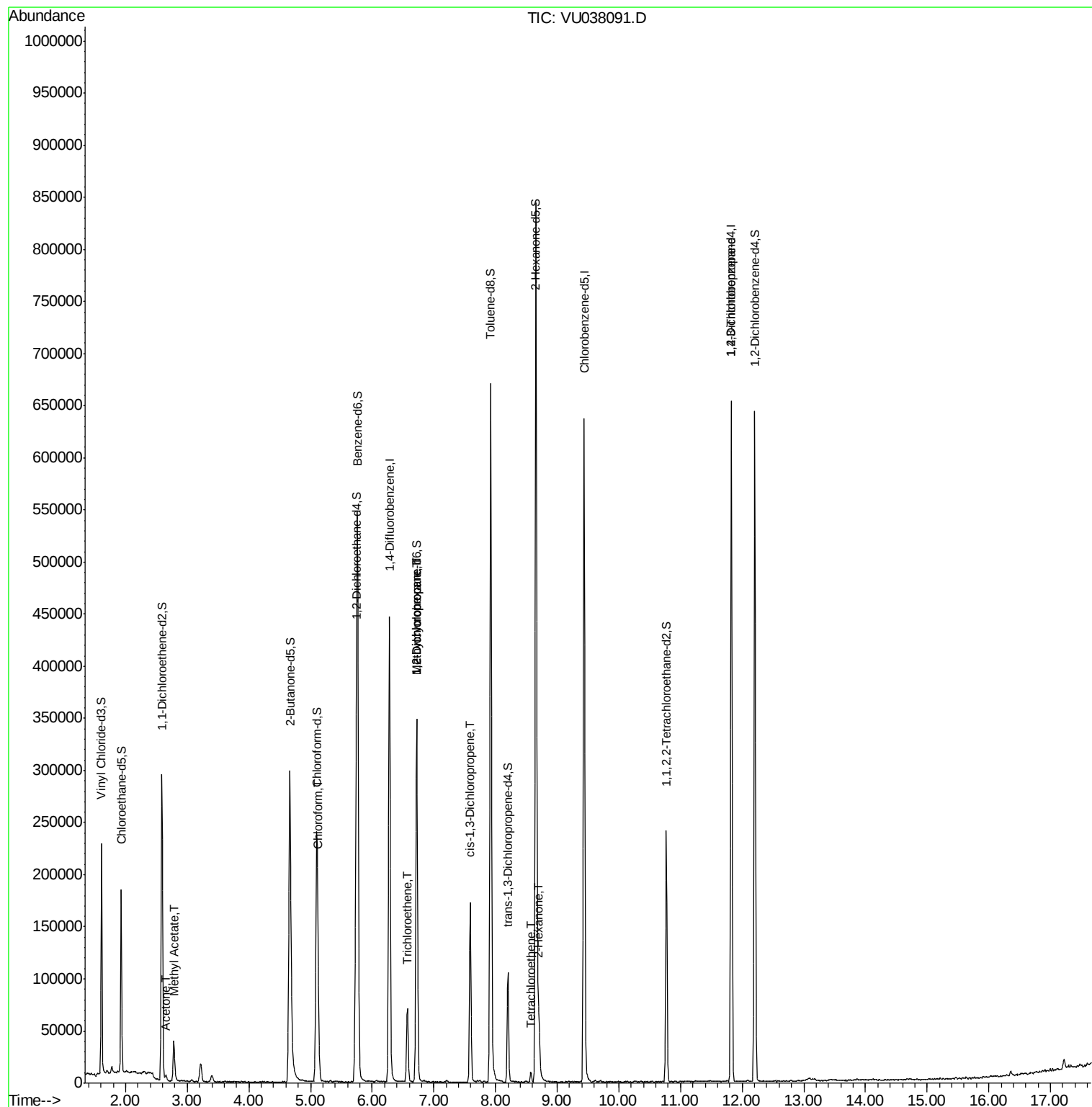
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.65	43	6209	1.236	ug/L	88
15) Methyl Acetate	2.78	43	11016	0.784	ug/L #	53
25) Chloroform	5.12	83	45682	0.933	ug/L	97
34) Trichloroethene	6.57	95	21961	0.785	ug/L	97
35) Methylcyclohexane	6.72	83	36053	0.796	ug/L #	16
37) 1,2-Dichloropropane	6.72	63	17889	0.589	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3770	0.087	ug/L	84
47) Tetrachloroethene	8.57	164	1885	0.096	ug/L	91
48) 2-Hexanone	8.71	43	31309	2.031	ug/L #	94
59) 1,2,3-Trichloropropane	11.82	75	22580	1.108	ug/L	94

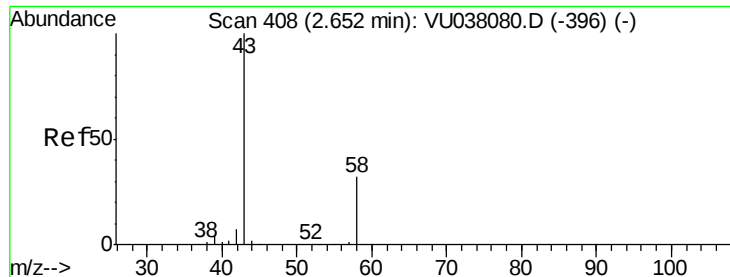
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat May 09 00:11:09 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.236 ug/L

RT: 2.65 min Scan# 408

Delta R.T. 0.00 min

Lab File: VU038091.D

Acq: 08 May 2020 18:12

Instrument :

MSVOA_U

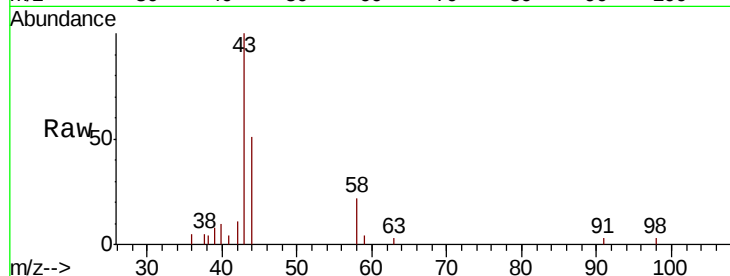
ClientSampleId :

Tot Ion: 43 Resp: 6209

Ion Ratio Lower Upper

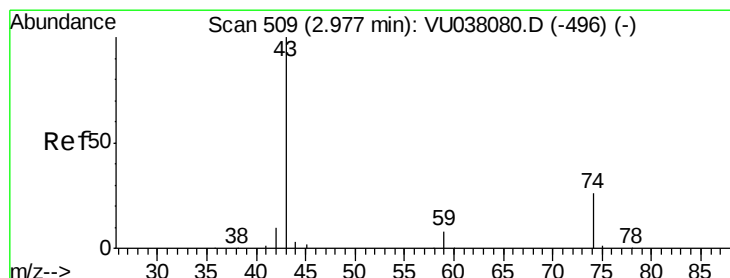
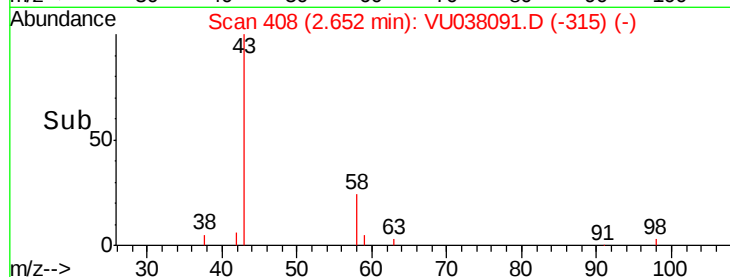
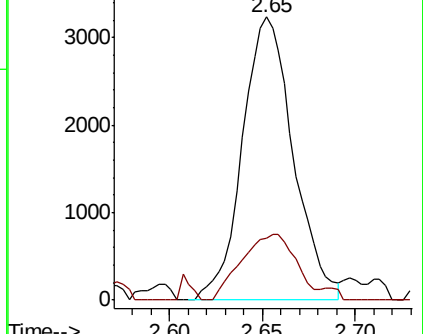
43 100

58 24.9 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038080.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VU038080.D (-396) (-)



#15

Methyl Acetate

Concen: 0.784 ug/L

RT: 2.78 min Scan# 449

Delta R.T. -0.19 min

Lab File: VU038091.D

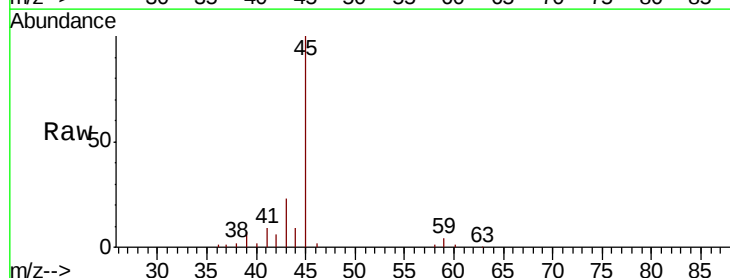
Acq: 08 May 2020 18:12

Tgt Ion: 43 Resp: 11016

Ion Ratio Lower Upper

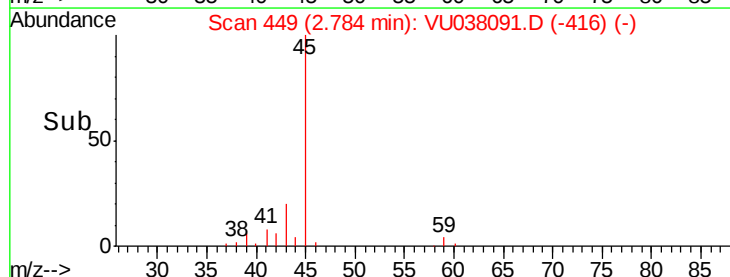
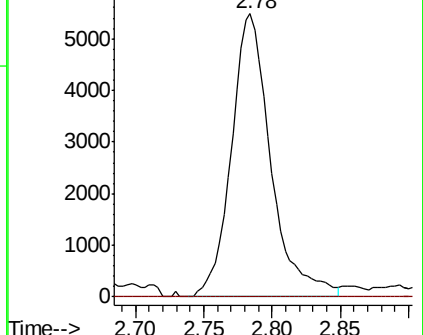
43 100

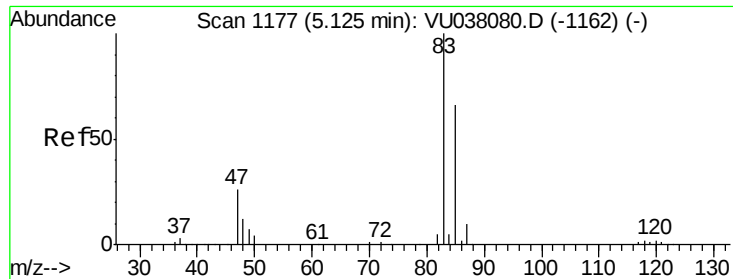
74 0.0 18.0 27.0#



Abundance Ion 43.05 (42.75 to 43.75): VU038080.D (-496) (-)

Ion 74.05 (73.75 to 74.75): VU038080.D (-496) (-)

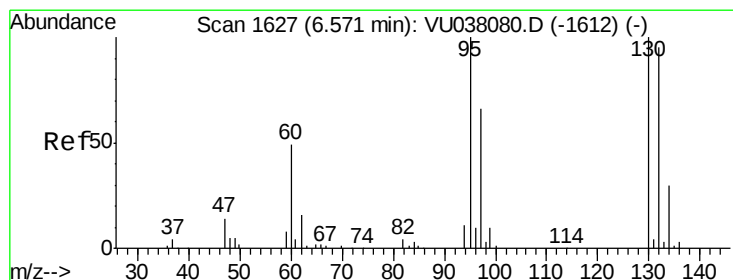
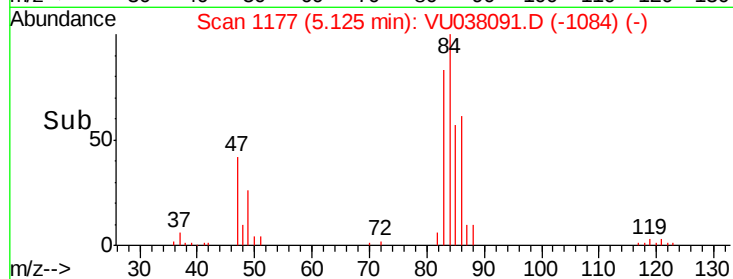
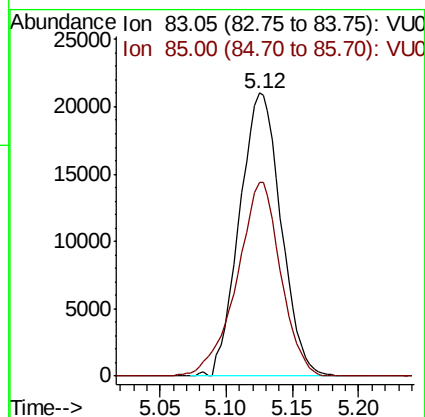
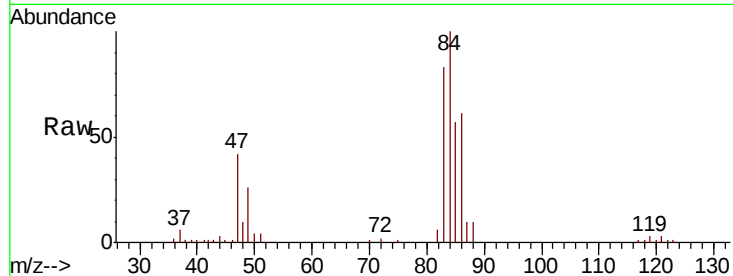




#25
Chloroform
Concen: 0.933 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VU038091.D
Acq: 08 May 2020 18:12

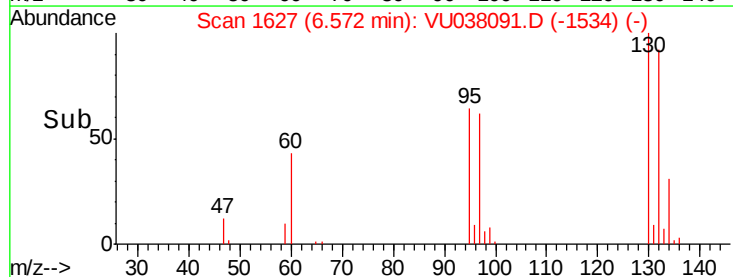
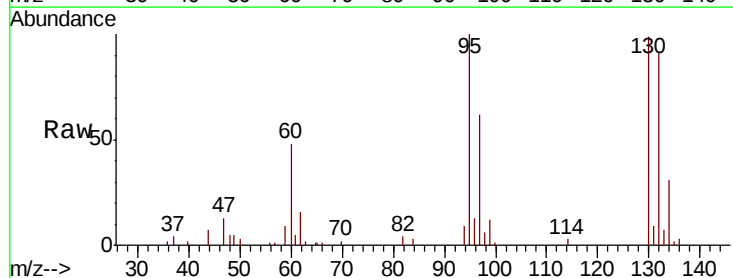
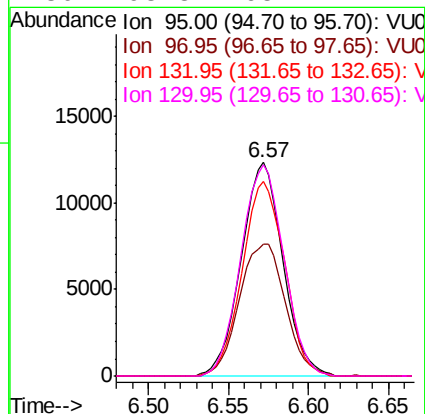
Instrument :
MSVOA_U
ClientSampleId :

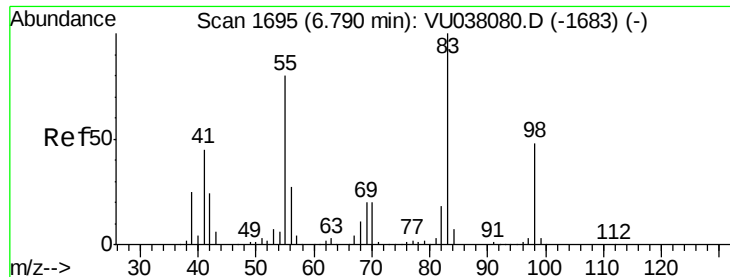
Tot Ion: 83 Resp: 45682
Ion Ratio Lower Upper
83 100
85 68.6 46.2 85.8



#34
Trichloroethene
Concen: 0.785 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VU038091.D
Acq: 08 May 2020 18:12

Tgt Ion: 95 Resp: 21961
Ion Ratio Lower Upper
95 100
97 61.5 44.9 83.3
132 91.0 63.3 117.5
130 98.8 65.7 122.1





#35

Methylcyclohexane

Concen: 0.796 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.07 min

Lab File: VU038091.D

Acq: 08 May 2020 18:12

Instrument :

MSVOA_U

ClientSampleId :

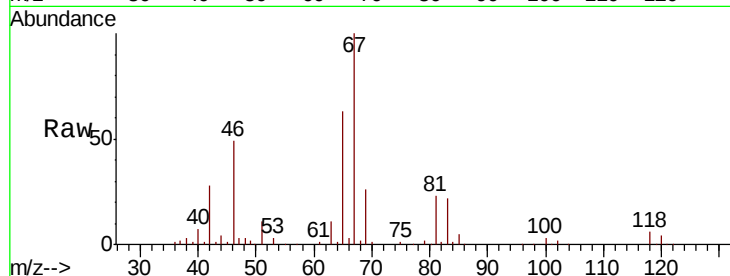
Tot Ion: 83 Resp: 36053

Ion Ratio Lower Upper

83 100

55 0.5 66.7 100.1#

98 1.5 39.4 59.2#

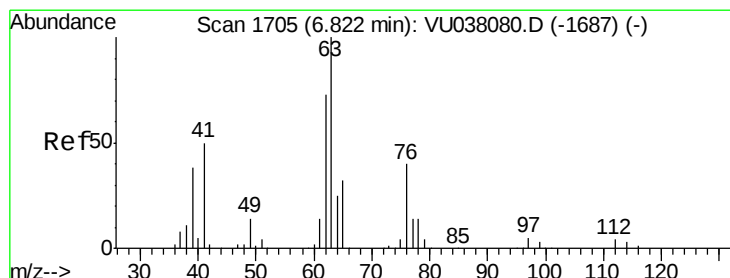
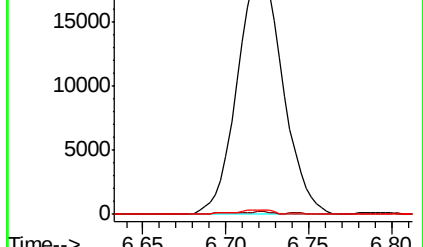
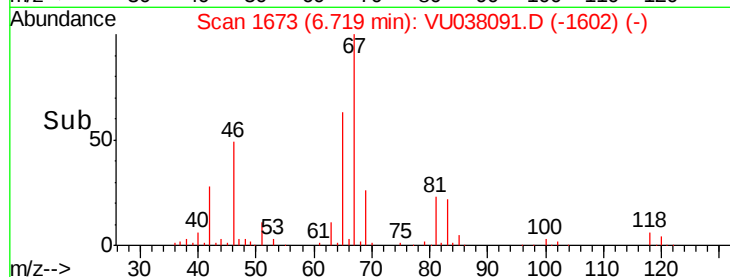


Abundance Ion 83.15 (82.85 to 83.85): VU038080.D (-1683) (-)

Ion 55.10 (54.80 to 55.80): VU038080.D (-1683) (-)

Ion 98.15 (97.85 to 98.85): VU038080.D (-1683) (-)

Time-->



#37

1,2-Dichloropropane

Concen: 0.589 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU038091.D

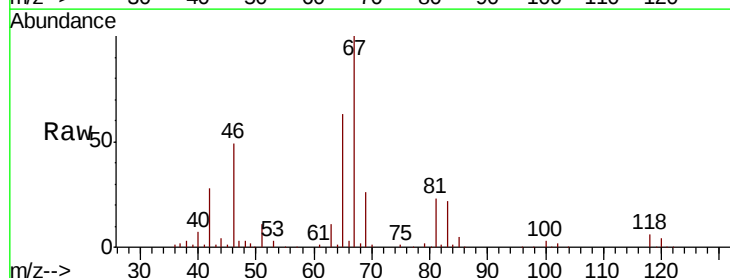
Acq: 08 May 2020 18:12

Tgt Ion: 63 Resp: 17889

Ion Ratio Lower Upper

63 100

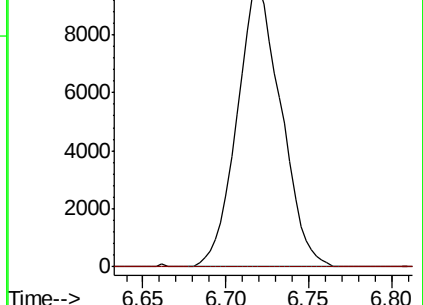
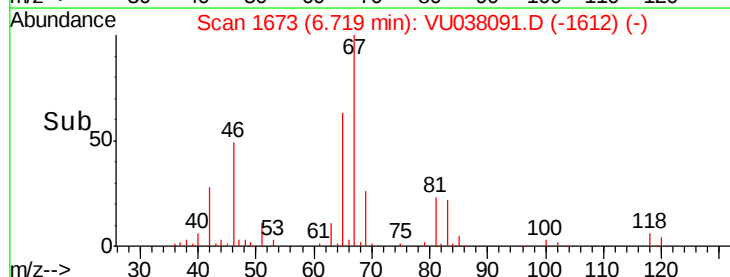
112 0.0 3.1 4.7#

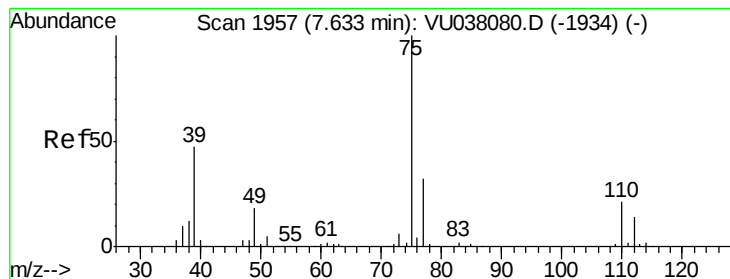


Abundance Ion 63.10 (62.80 to 63.80): VU038080.D (-1687) (-)

Ion 112.10 (111.80 to 112.80): VU038080.D (-1687) (-)

Time-->



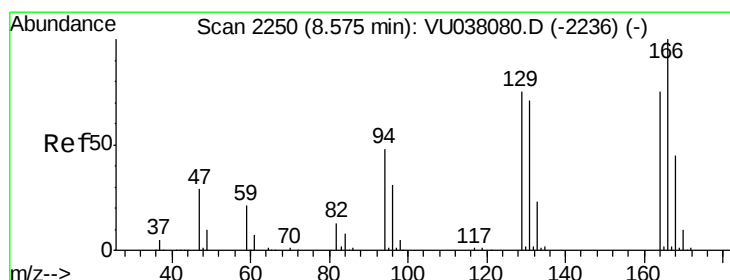
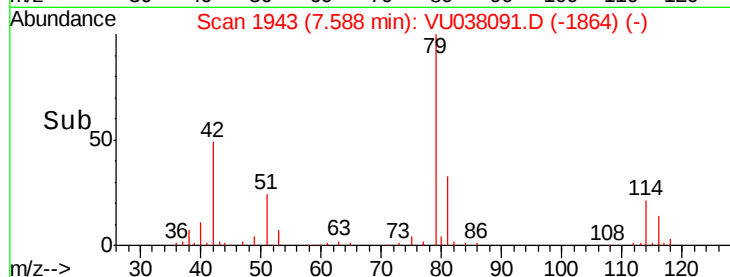
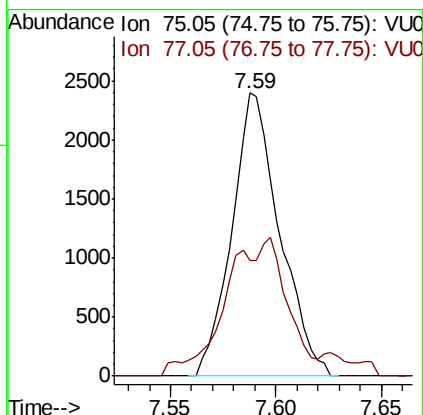
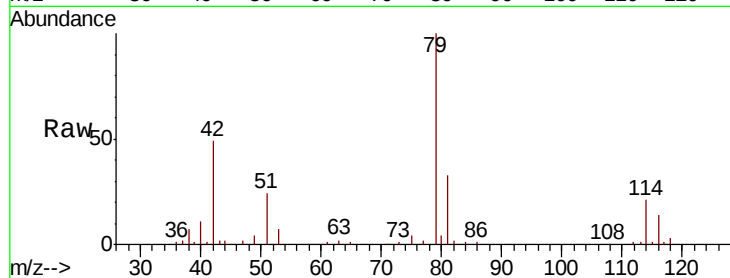


#39

cis-1,3-Dichloropropene
Concen: 0.087 ug/L
RT: 7.59 min Scan# 1943
Delta R.T. -0.04 min
Lab File: VU038091.D
Acq: 08 May 2020 18:12

Instrument :
MSVOA_U
ClientSampled :

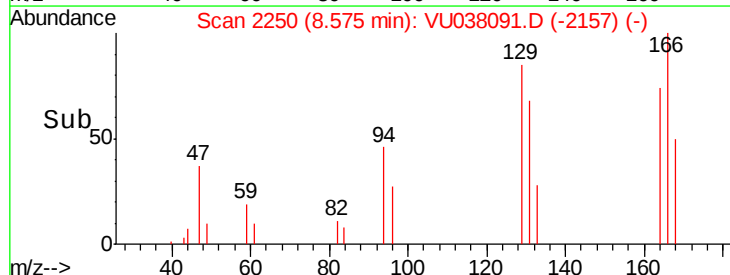
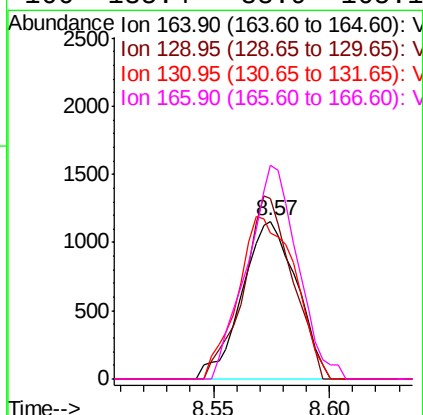
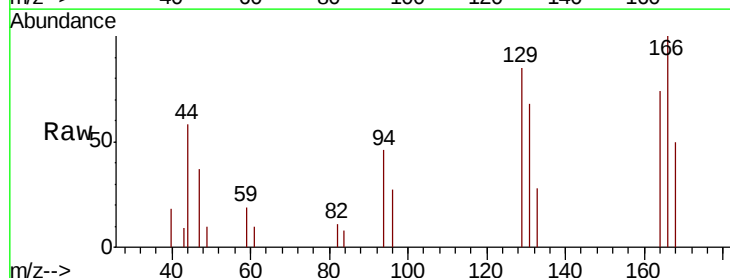
Tot Ion: 75 Resp: 3770
Ion Ratio Lower Upper
75 100
77 41.1 22.4 41.6

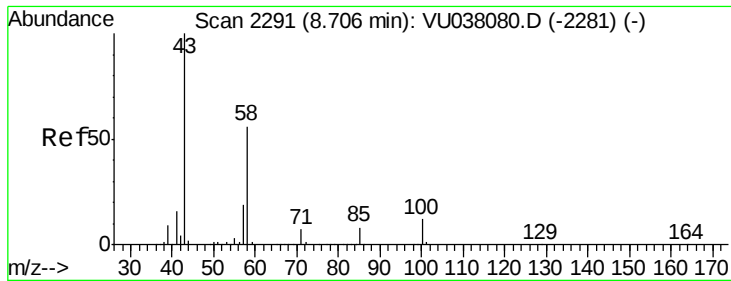


#47

Tetrachloroethene
Concen: 0.096 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. 0.00 min
Lab File: VU038091.D
Acq: 08 May 2020 18:12

Tgt Ion:164 Resp: 1885
Ion Ratio Lower Upper
164 100
129 114.6 68.8 127.8
131 92.4 66.8 124.2
166 135.4 88.9 165.1

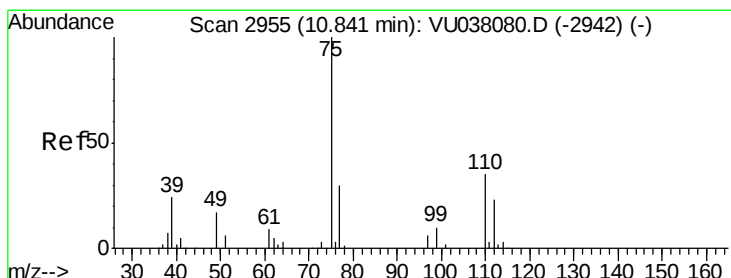
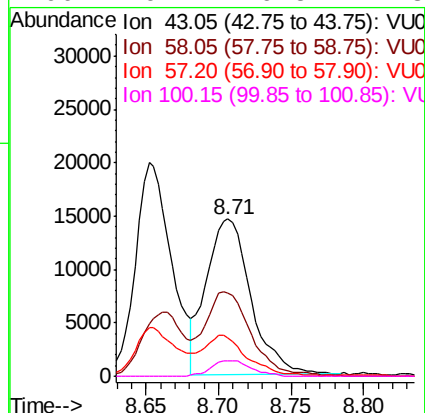
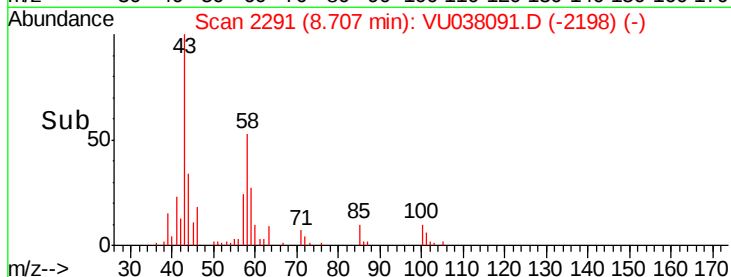
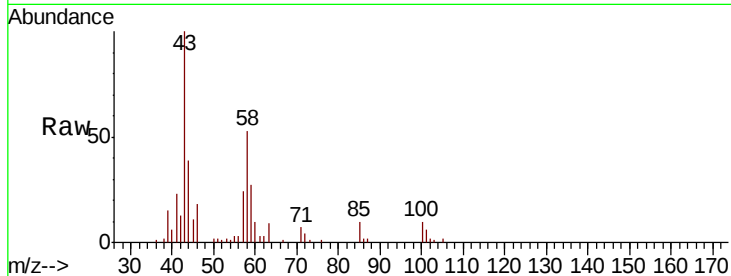




#48
 2-Hexanone
 Concen: 2.031 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. 0.00 min
 Lab File: VU038091.D
 Acq: 08 May 2020 18:12

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 43 Resp: 31309
 Ion Ratio Lower Upper
 43 100
 58 55.0 45.2 67.8
 57 26.4 15.5 23.3#
 100 9.2 9.5 14.3#



#59
 1,2,3-Trichloropropane
 Concen: 1.108 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU038091.D
 Acq: 08 May 2020 18:12

Tgt Ion: 75 Resp: 22580
 Ion Ratio Lower Upper
 75 100
 77 35.1 25.4 38.0

