

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061320\
 Data File : VU038872.D
 Acq On : 13 Jun 2020 00:55
 Operator : SY/MD
 Sample : L2975-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 13 02:57:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 13 02:52:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	248179	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	255665	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	114971	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	61341	4.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.60%
7) Chloroethane-d5	1.93	69	61383	5.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.00%
11) 1,1-Dichloroethene-d2	2.59	63	105481	3.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	4.67	46	301454	71.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	142.02%#
24) Chloroform-d	5.10	84	168055	5.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.20%
26) 1,2-Dichloroethane-d4	5.74	65	104216	6.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	123.20%
32) Benzene-d6	5.76	84	315681	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
36) 1,2-Dichloropropane-d6	6.72	67	103829	5.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	116.20%
41) Toluene-d8	7.92	98	257424	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
43) trans-1,3-Dichloropropene-	8.20	79	36591	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.65	63	256516	72.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	145.48%#
57) 1,1,2,2-Tetrachloroethane-	10.77	84	93968	6.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	120.20%#
64) 1,2-Dichlorobenzene-d4	12.20	152	109823	5.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.40%

Target Compounds

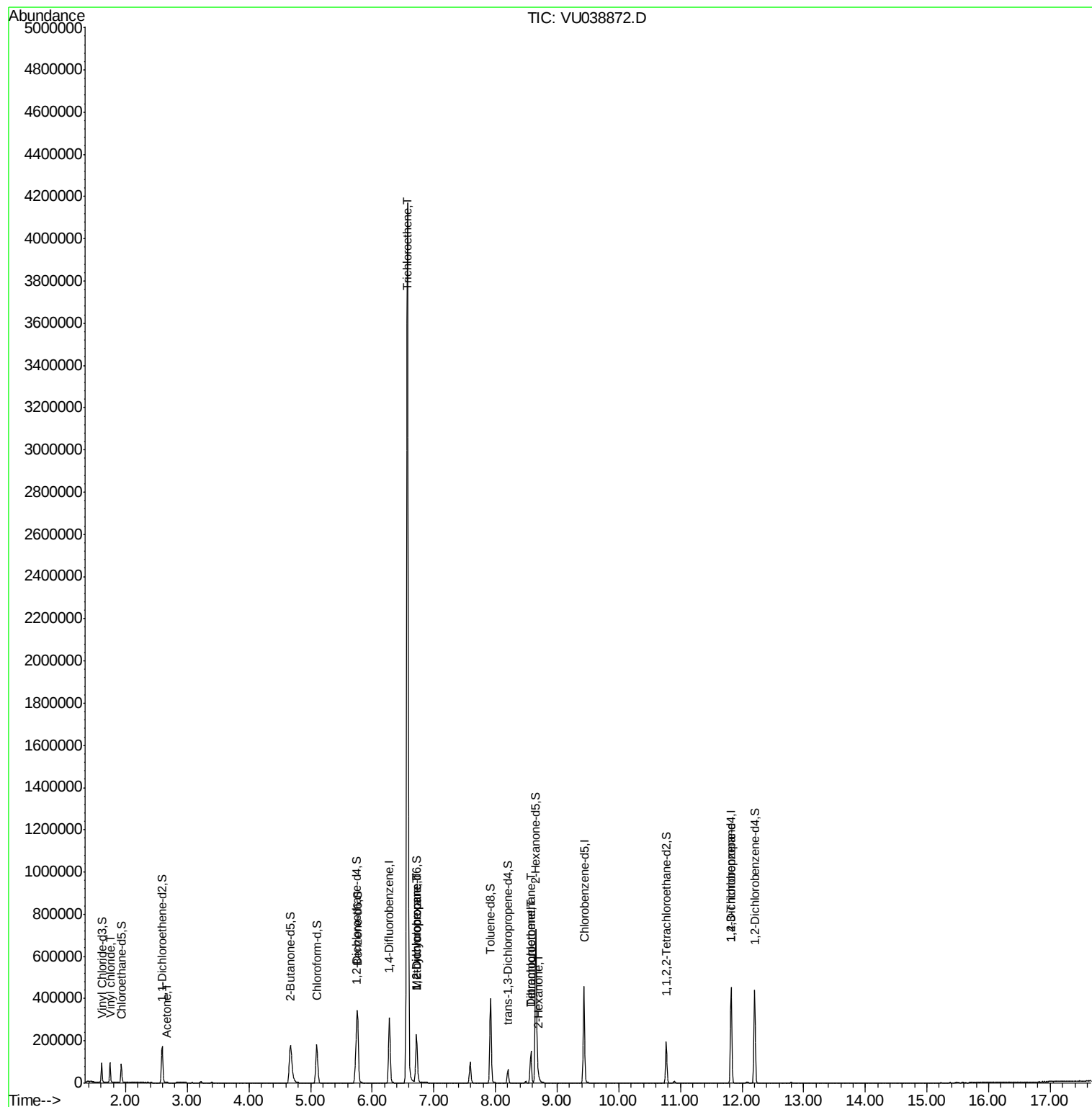
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.75	62	1829	0.086	ug/L	100
13) Acetone	2.67	43	3892	1.130	ug/L	78
34) Trichloroethene	6.57	95	1408090	69.798	ug/L	98
35) Methylcyclohexane	6.72	83	25501	0.813	ug/L #	16
37) 1,2-Dichloropropane	6.72	63	11934	0.613	ug/L #	86
47) Tetrachloroethene	8.57	164	34310	2.209	ug/L	98
48) 2-Hexanone	8.70	43	9201	0.920	ug/L #	86
49) Dibromochloromethane	8.57	129	32011	1.932	ug/L #	10
59) 1,2,3-Trichloropropane	11.82	75	13855	0.960	ug/L #	84

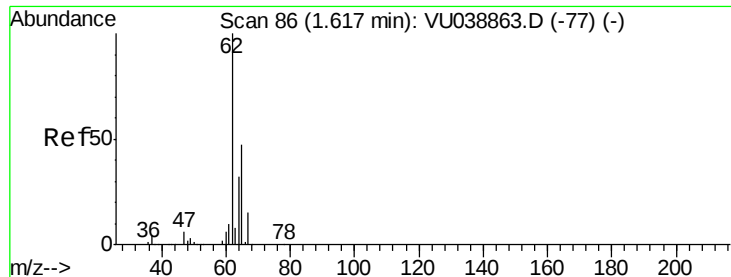
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 13 02:52:53 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.086 ug/L

RT: 1.75 min Scan# 127

Delta R.T. 0.13 min

Lab File: VU038872.D

Acq: 13 Jun 2020 00:55

Instrument :

MSVOA_U

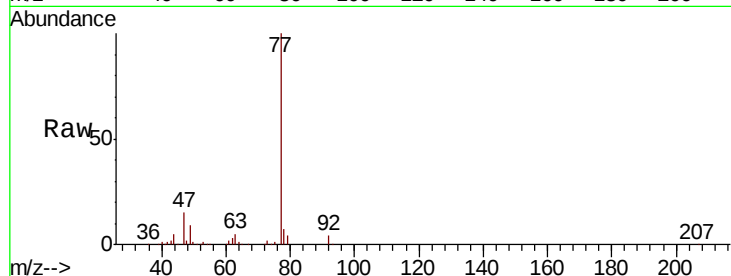
ClientSampleId :

Tot Ion: 62 Resp: 1829

Ion Ratio Lower Upper

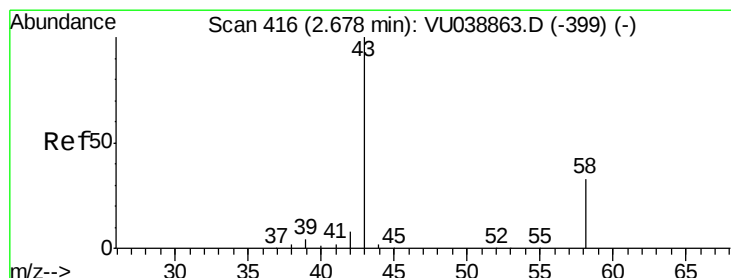
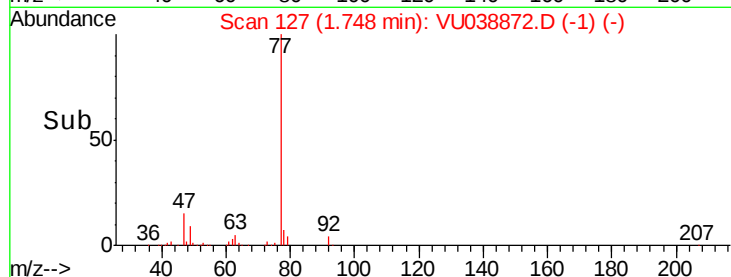
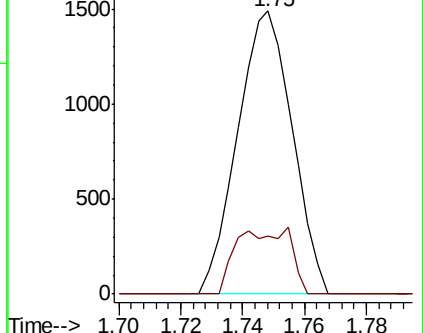
62 100

64 33.7 23.4 43.6



Abundance Ion 62.00 (61.70 to 62.70): VU038872.D (-1) (-)

Ion 64.10 (63.80 to 64.80): VU038872.D (-1) (-)



#13

Acetone

Concen: 1.130 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.01 min

Lab File: VU038872.D

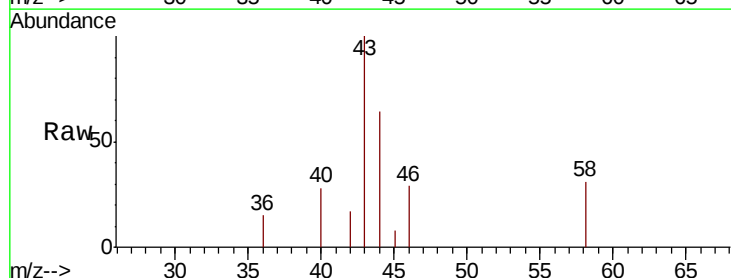
Acq: 13 Jun 2020 00:55

Tgt Ion: 43 Resp: 3892

Ion Ratio Lower Upper

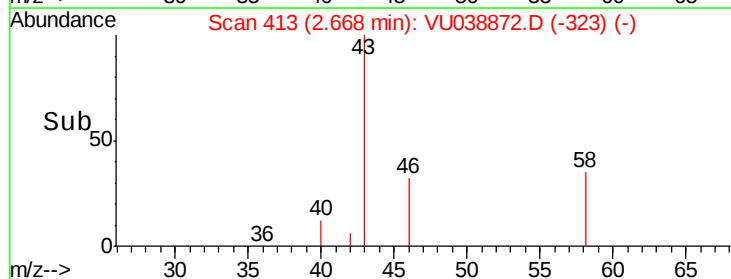
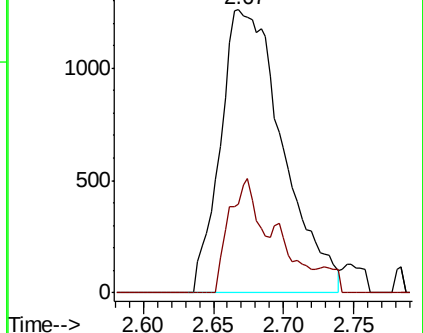
43 100

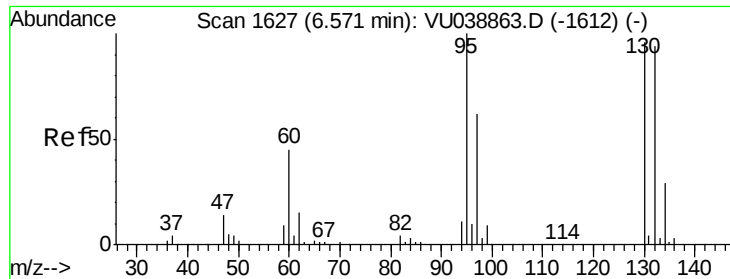
58 20.4 0.0 66.0



Abundance Ion 43.05 (42.75 to 43.75): VU038872.D (-323) (-)

Ion 58.05 (57.75 to 58.75): VU038872.D (-323) (-)

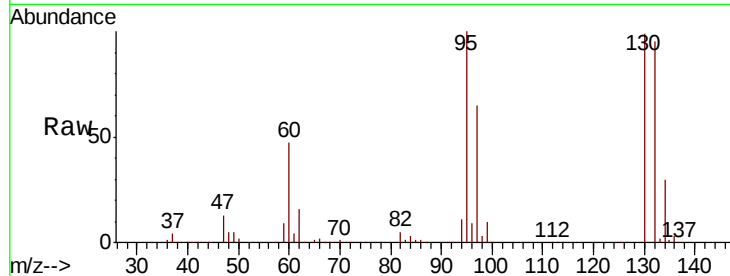




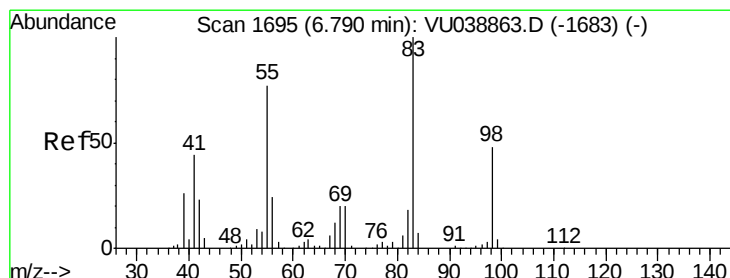
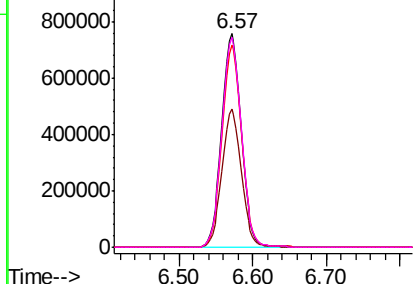
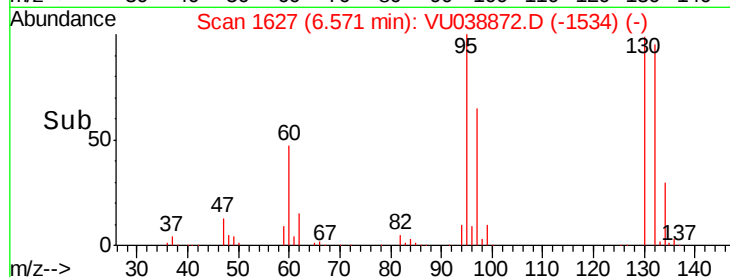
#34
 Trichloroethene
 Concen: 69.798 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VU038872.D
 Acq: 13 Jun 2020 00:55

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 95 Resp: 1408090
 Ion Ratio Lower Upper
 95 100
 97 64.7 46.1 85.5
 132 94.9 67.5 125.3
 130 98.6 66.7 123.9

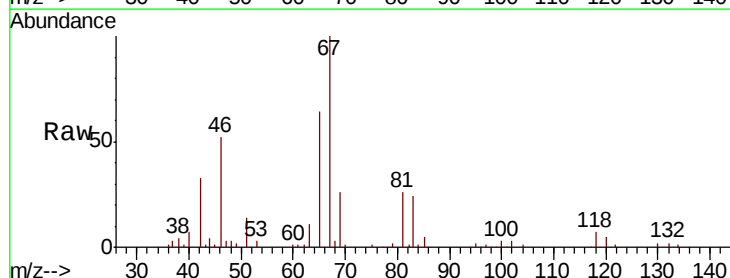


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

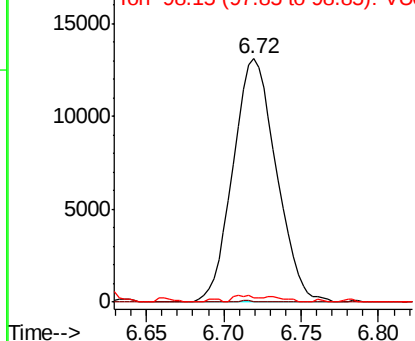
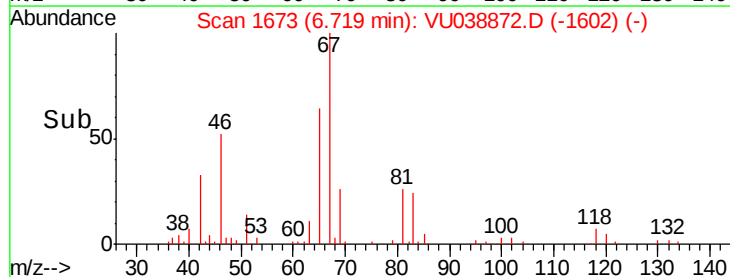


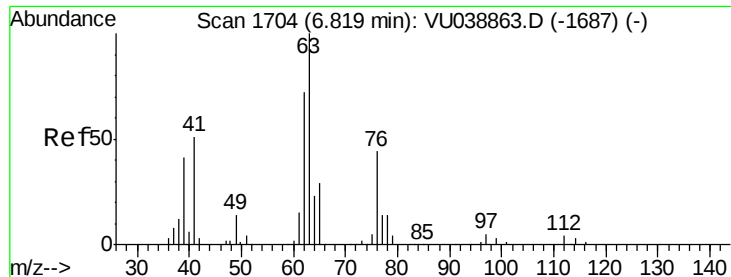
#35
 Methylcyclohexane
 Concen: 0.813 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.07 min
 Lab File: VU038872.D
 Acq: 13 Jun 2020 00:55

Tgt Ion: 83 Resp: 25501
 Ion Ratio Lower Upper
 83 100
 55 0.2 64.2 96.2#
 98 0.0 40.5 60.7#



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

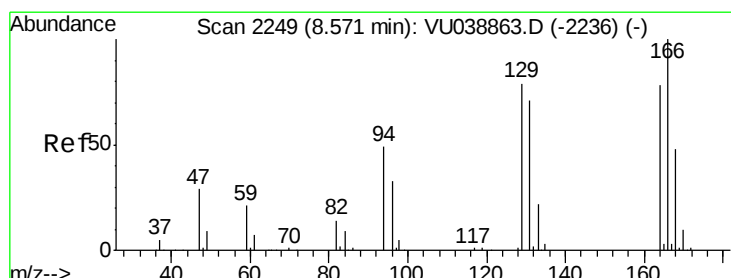
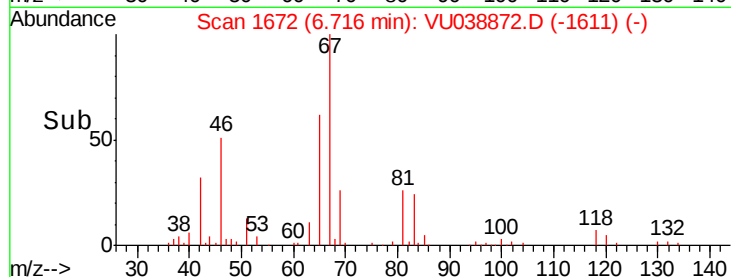
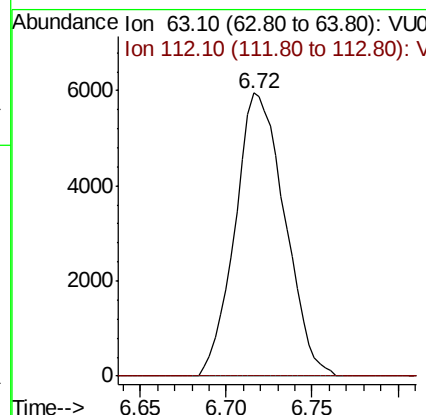
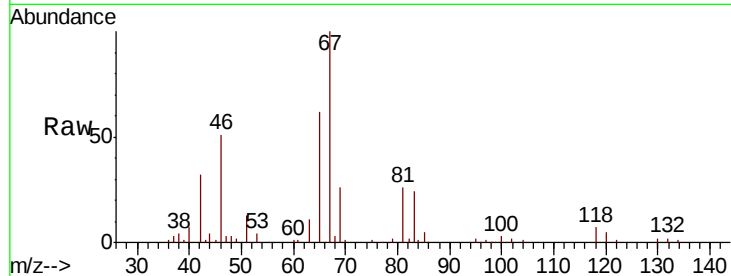




#37
 1,2-Dichloropropane
 Concen: 0.613 ug/L
 RT: 6.72 min Scan# 1672
 Delta R.T. -0.10 min
 Lab File: VU038872.D
 Acq: 13 Jun 2020 00:55

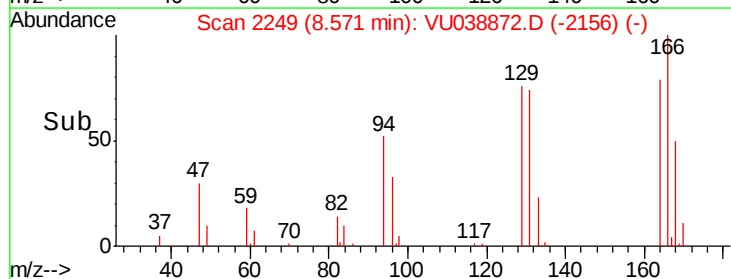
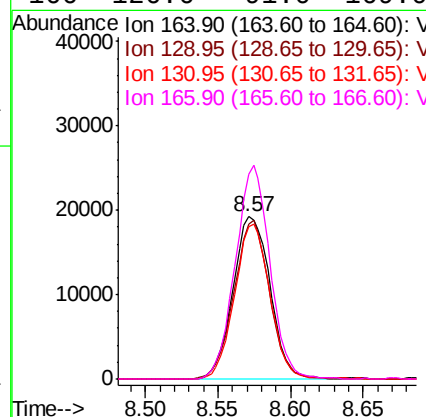
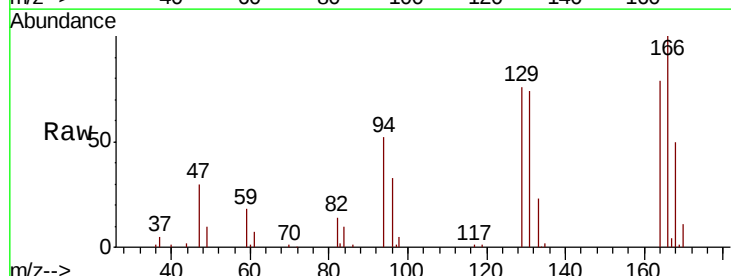
Instrument :
 MSVOA_U
 ClientSampleId :

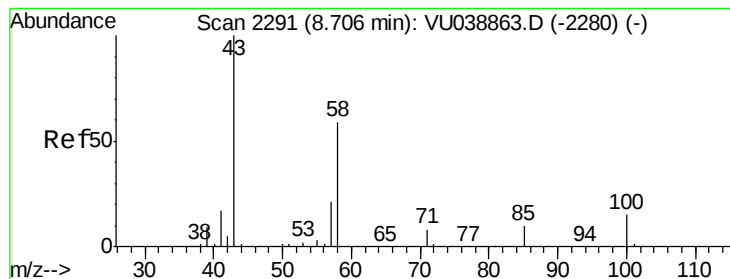
Tot Ion: 63 Resp: 11934
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.8 5.6#



#47
 Tetrachloroethene
 Concen: 2.209 ug/L
 RT: 8.57 min Scan# 2249
 Delta R.T. -0.00 min
 Lab File: VU038872.D
 Acq: 13 Jun 2020 00:55

Tgt Ion:164 Resp: 34310
 Ion Ratio Lower Upper
 164 100
 129 95.7 67.3 124.9
 131 93.9 65.0 120.6
 166 126.6 91.0 169.0





#48

2-Hexanone

Concen: 0.920 ug/L

RT: 8.70 min Scan# 2290

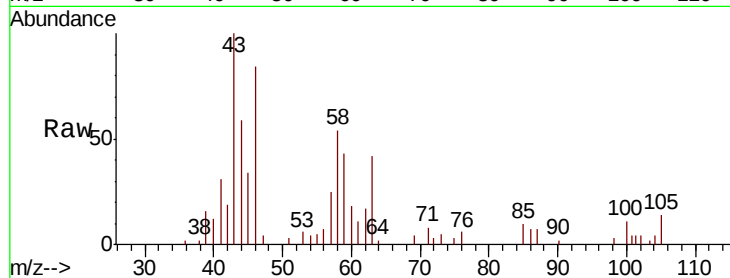
Delta R.T. -0.00 min

Lab File: VU038872.D

Acq: 13 Jun 2020 00:55

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	43	Resp:	9201
Ion	Ratio	Lower	Upper
43	100		
58	51.8	44.8	67.2
57	0.0	16.2	24.2#
100	11.6	10.6	16.0

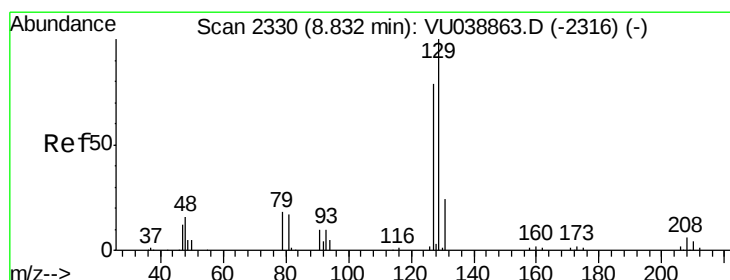
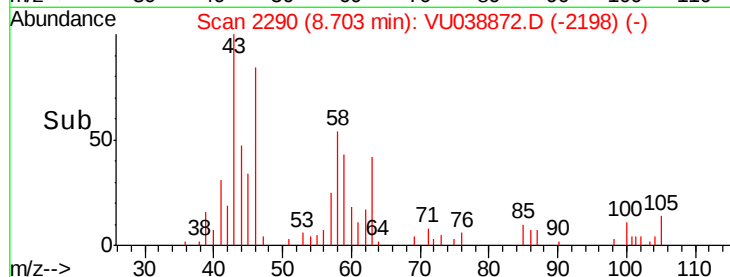
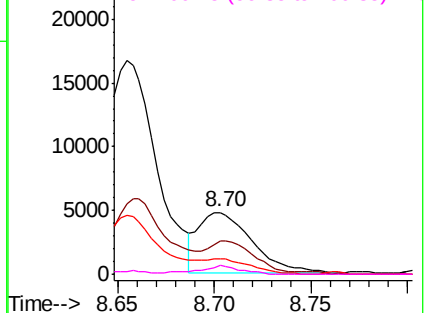


Abundance Ion 43.05 (42.75 to 43.75): VU038863.D (-2280) (-)

Ion 58.05 (57.75 to 58.75): VU038863.D (-2280) (-)

Ion 57.20 (56.90 to 57.90): VU038863.D (-2280) (-)

Ion 100.15 (99.85 to 100.85): VU038863.D (-2280) (-)



#49

Dibromochloromethane

Concen: 1.932 ug/L

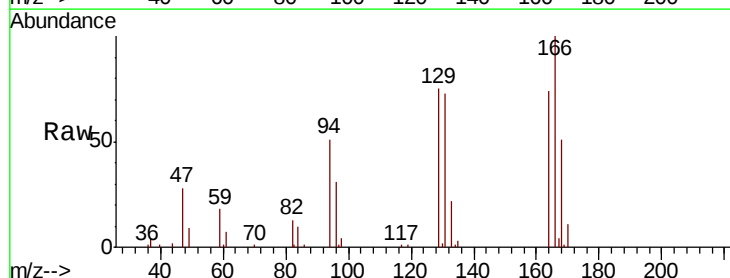
RT: 8.57 min Scan# 2250

Delta R.T. -0.26 min

Lab File: VU038872.D

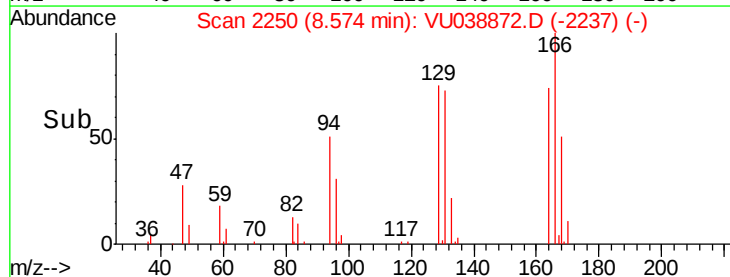
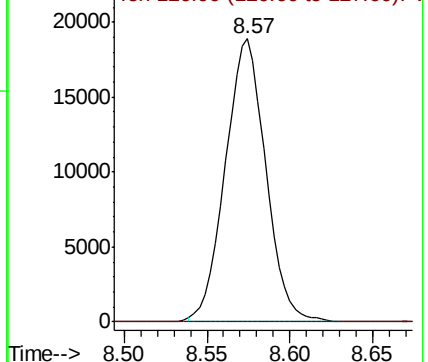
Acq: 13 Jun 2020 00:55

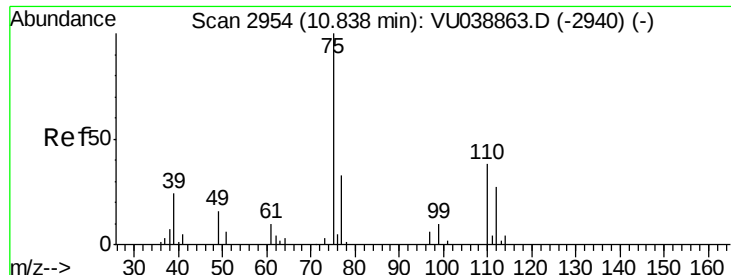
Tgt Ion:	129	Resp:	32011
Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.5	103.1#



Abundance Ion 128.95 (128.65 to 129.65): VU038863.D (-2316) (-)

Ion 126.90 (126.60 to 127.60): VU038863.D (-2316) (-)





#59

1,2,3-Trichloropropane

Concen: 0.960 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038872.D

Acq: 13 Jun 2020 00:55

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 13855

Ion Ratio Lower Upper

75 100

77 41.1 25.8 38.8#

