

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060620\
 Data File : VU038621.D
 Acq On : 06 Jun 2020 16:53
 Operator : SY/MD
 Sample : L2910-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D31

Quant Time: Jun 07 04:04:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun Jun 07 04:01:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	304338	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	305625	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	154371	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	65364	3.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.40%
7) Chloroethane-d5	1.93	69	63345	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.60%
11) 1,1-Dichloroethene-d2	2.59	63	111332	2.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.40%#
20) 2-Butanone-d5	4.67	46	329844	55.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.24%
24) Chloroform-d	5.10	84	178172	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.74	65	104578	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.76	84	347398	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.72	67	110324	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.92	98	288951	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	8.20	79	39461	3.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.20%
46) 2-Hexanone-d5	8.65	63	283826	56.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.92%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	104687	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	130464	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

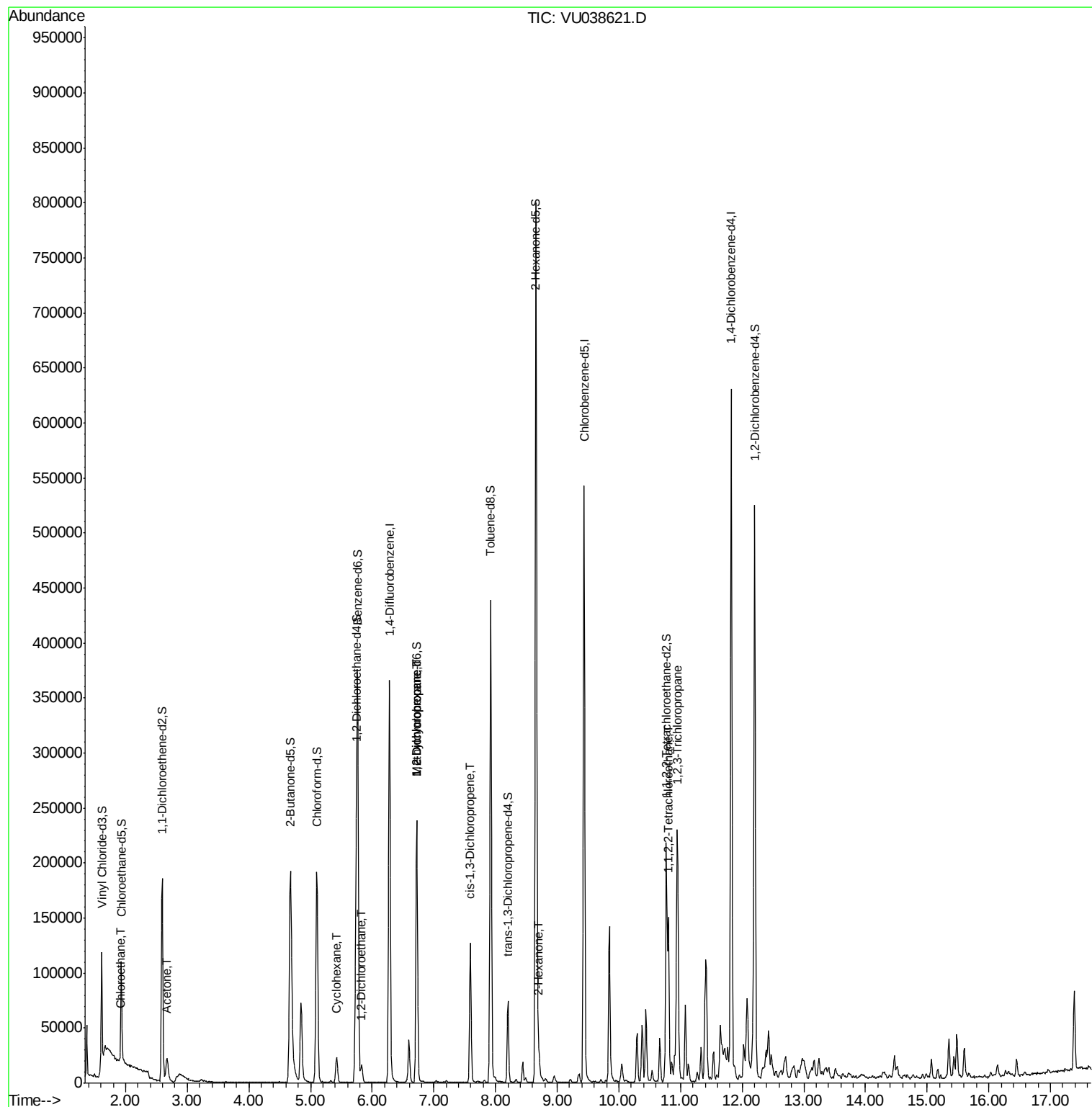
					Ovalue
8) Chloroethane	1.90	64	1233	0.087 ug/L #	58
13) Acetone	2.67	43	36388	9.292 ug/L	99
27) 1,2-Dichloroethane	5.83	62	11057	0.428 ug/L	99
30) Cyclohexane	5.42	56	10896	0.321 ug/L	98
35) Methylcyclohexane	6.72	83	26925	0.786 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	12827	0.598 ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	2994	0.094 ug/L #	67
48) 2-Hexanone	8.71	43	11311	0.974 ug/L #	90
58) 1,1,2,2-Tetrachloroethane	10.80	83	5826	0.283 ug/L #	55
59) 1,2,3-Trichloropropane	10.94	75	4240	0.265 ug/L	97

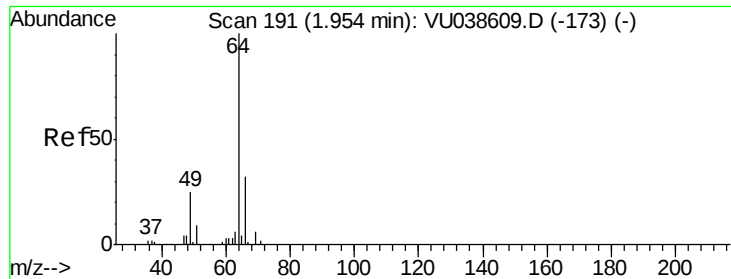
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sun Jun 07 04:01:21 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.087 ug/L

RT: 1.90 min Scan# 175

Delta R.T. -0.05 min

Lab File: VU038621.D

Acq: 06 Jun 2020 16:53

Instrument :

MSVOA_U

ClientSampleId :

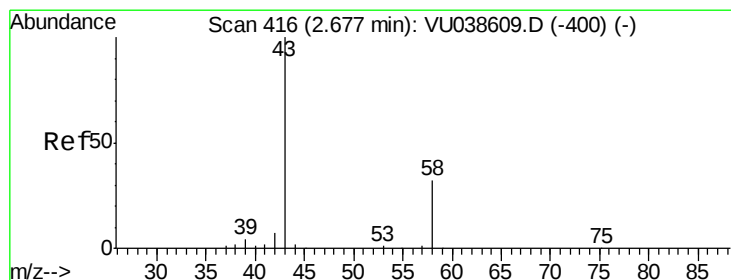
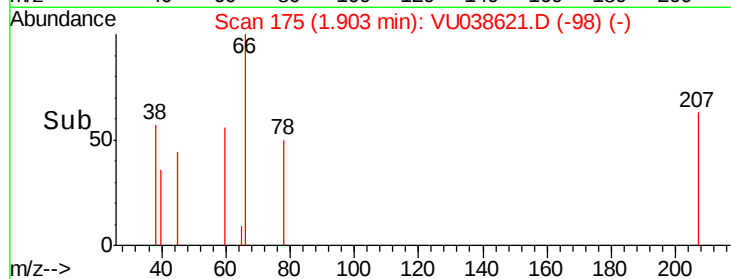
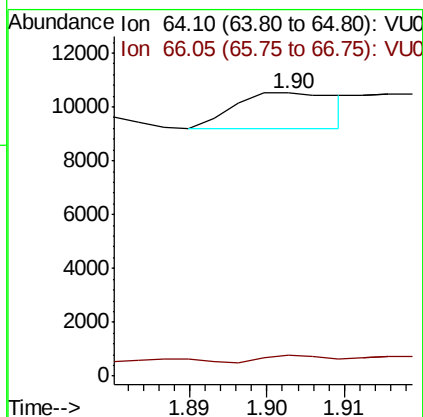
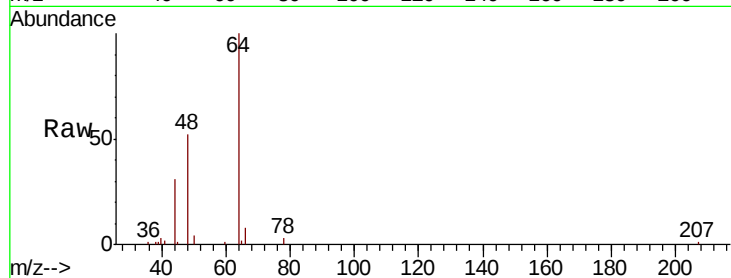
F9D31

Tot Ion: 64 Resp: 1233

Ion Ratio Lower Upper

64 100

66 7.6 21.5 39.9#



#13

Acetone

Concen: 9.292 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.01 min

Lab File: VU038621.D

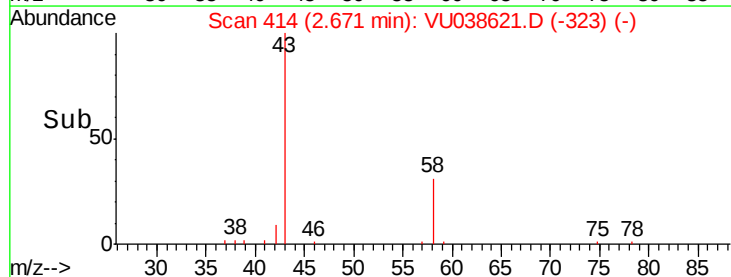
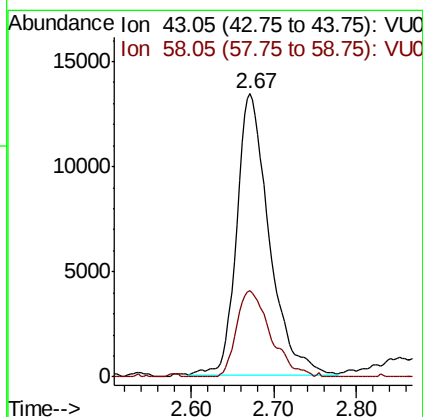
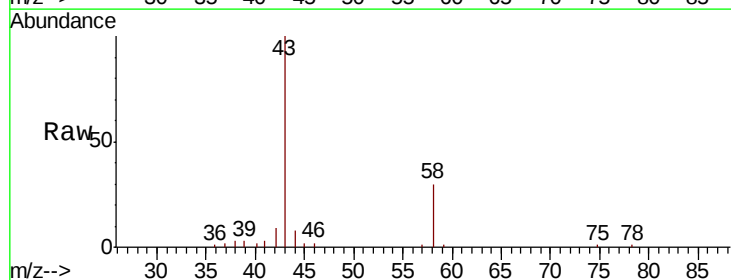
Acq: 06 Jun 2020 16:53

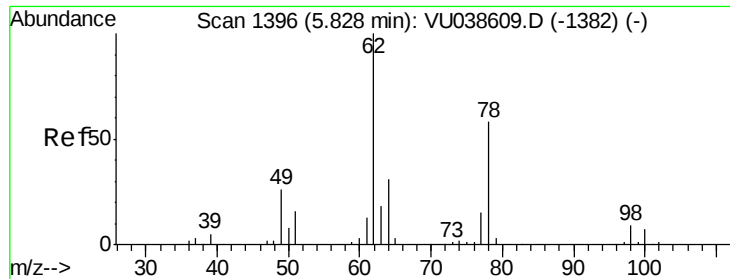
Tgt Ion: 43 Resp: 36388

Ion Ratio Lower Upper

43 100

58 32.2 0.0 65.6





#27

1,2-Dichloroethane

Concen: 0.428 ug/L

RT: 5.83 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VU038621.D

Acq: 06 Jun 2020 16:53

Instrument :

MSVOA_U

ClientSampleId :

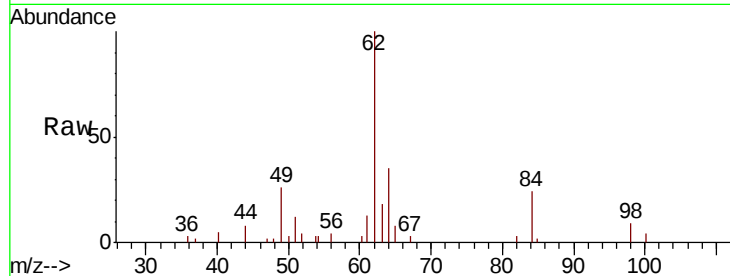
F9D31

Tot Ion: 62 Resp: 11057

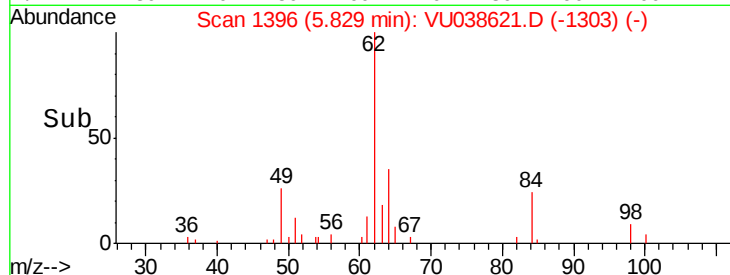
Ion Ratio Lower Upper

62 100

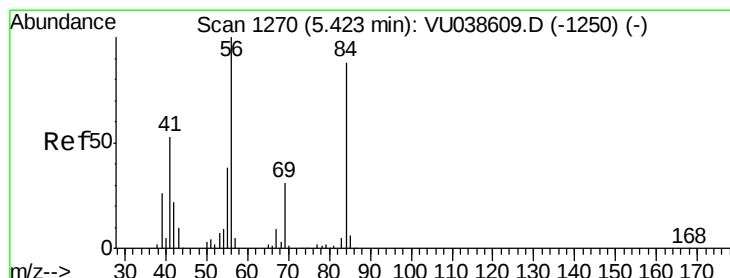
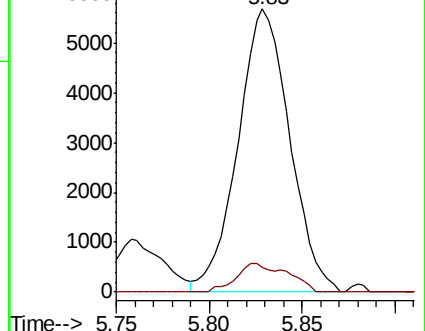
98 8.8 7.4 11.2



Abundance Ion 62.00 (61.70 to 62.70): VU038621.D (-1303) (-)



Ion 98.05 (97.75 to 98.75): VU038621.D (-1303) (-)



#30

Cyclohexane

Concen: 0.321 ug/L

RT: 5.42 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VU038621.D

Acq: 06 Jun 2020 16:53

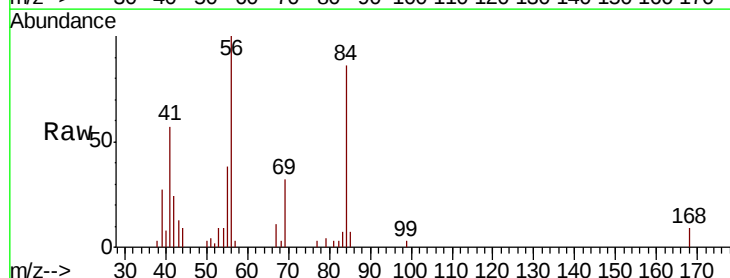
Tgt Ion: 56 Resp: 10896

Ion Ratio Lower Upper

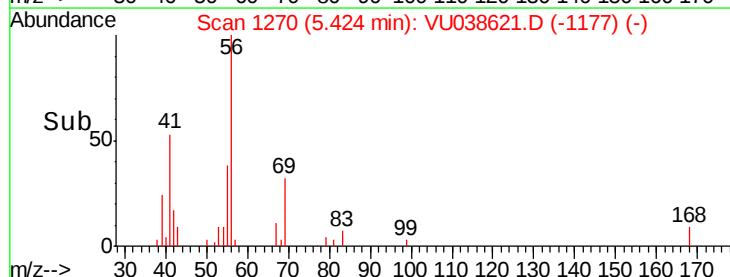
56 100

69 29.2 24.2 36.4

84 86.9 70.8 106.2

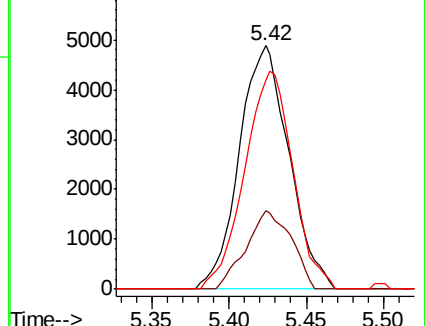


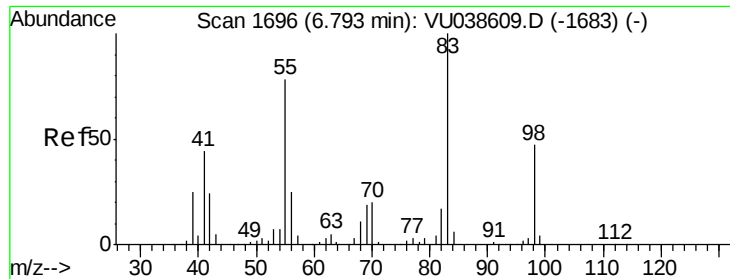
Abundance Ion 56.10 (55.80 to 56.80): VU038621.D (-1177) (-)



Ion 69.15 (68.85 to 69.85): VU038621.D (-1177) (-)

Ion 84.15 (83.85 to 84.85): VU038621.D (-1177) (-)

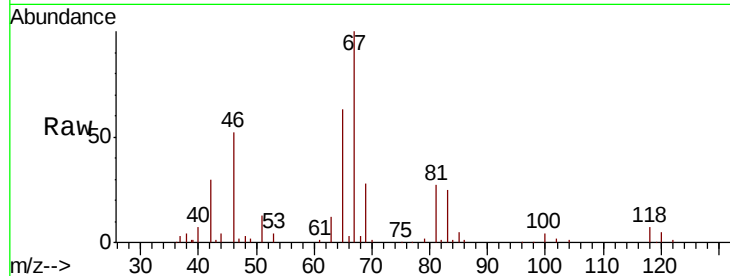




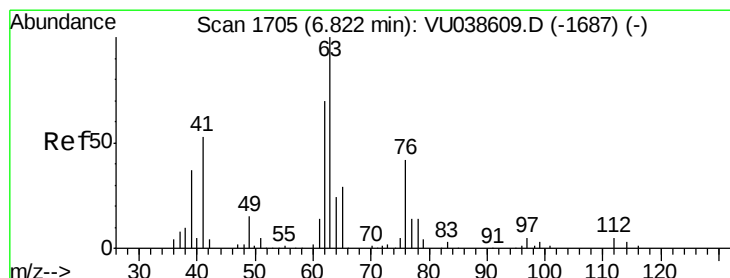
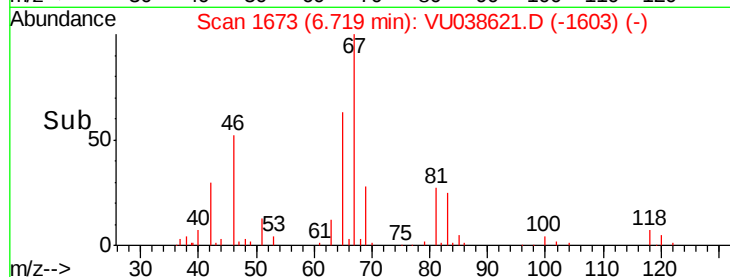
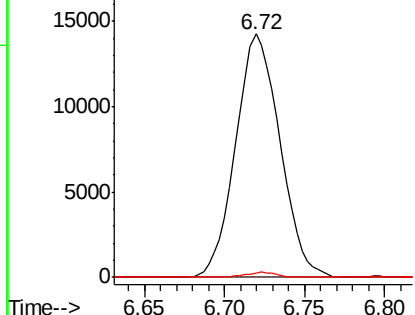
#35
Methvlcvclohexane
Concen: 0.786 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038621.D
Acq: 06 Jun 2020 16:53

Instrument :
MSVOA_U
ClientSampleId :
F9D31

Tot Ion: 83 Resp: 26925
Ion Ratio Lower Upper
83 100
55 0.2 63.4 95.2#
98 1.4 39.0 58.4#

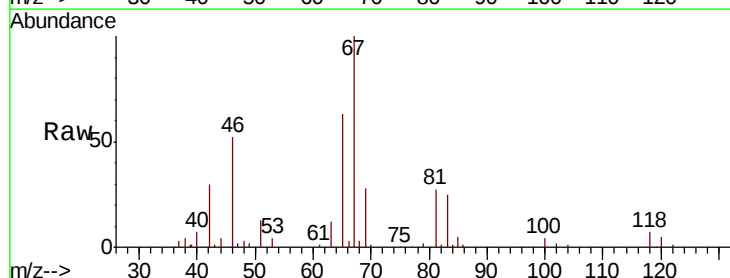


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

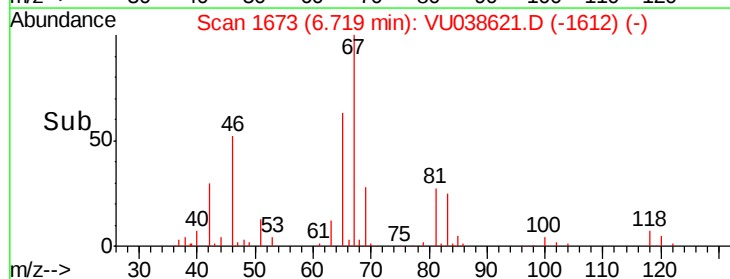
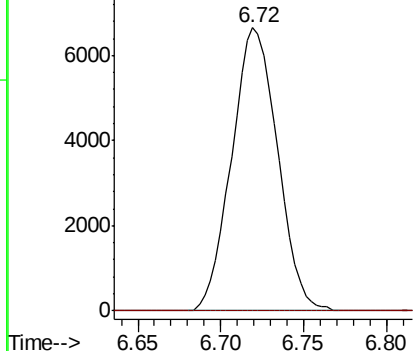


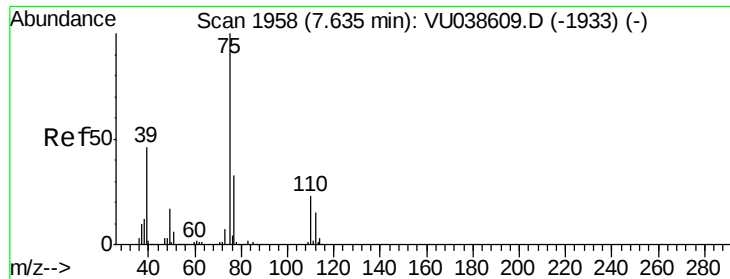
#37
1,2-Dichloropropane
Concen: 0.598 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038621.D
Acq: 06 Jun 2020 16:53

Tgt Ion: 63 Resp: 12827
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#



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: 0.094 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU038621.D

Acq: 06 Jun 2020 16:53

Instrument :

MSVOA_U

ClientSampleId :

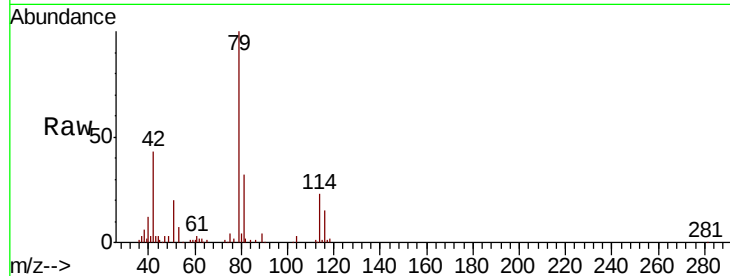
F9D31

Tot Ion: 75 Resp: 2994

Ion Ratio Lower Upper

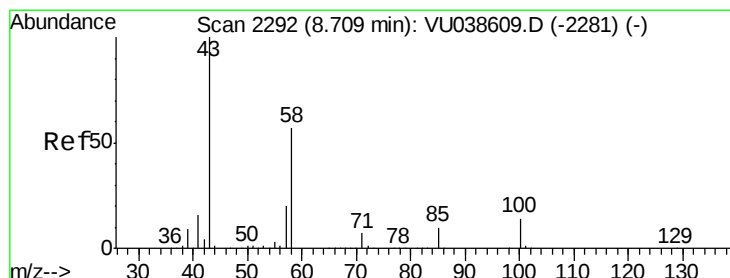
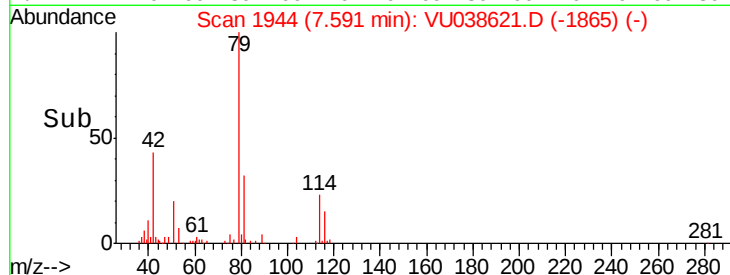
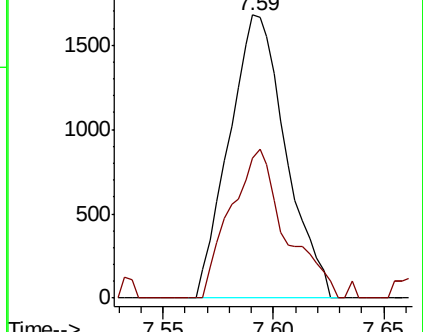
75 100

77 49.7 21.9 40.7#



Abundance Ion 75.05 (74.75 to 75.75): VU038621.D (-1865) (-)

Ion 77.05 (76.75 to 77.75): VU038621.D (-1865) (-)



#48

2-Hexanone

Concen: 0.974 ug/L

RT: 8.71 min Scan# 2291

Delta R.T. -0.00 min

Lab File: VU038621.D

Acq: 06 Jun 2020 16:53

Tgt Ion: 43 Resp: 11311

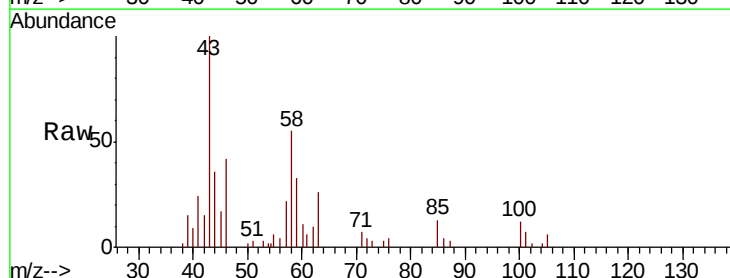
Ion Ratio Lower Upper

43 100

58 47.4 45.4 68.0

57 22.7 15.9 23.9

100 10.5 10.5 15.7#

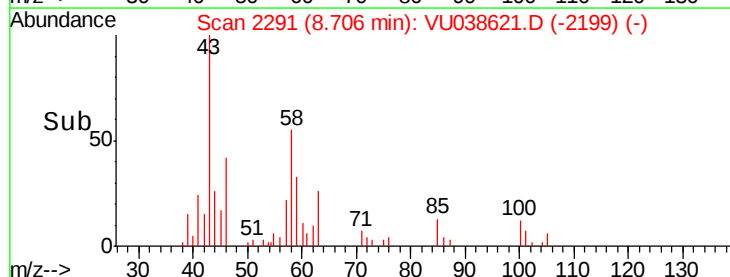
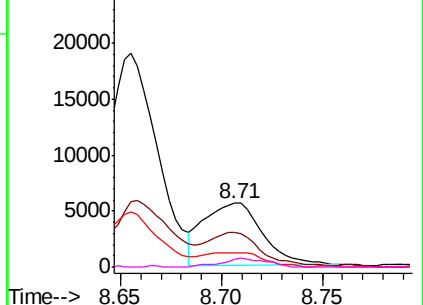


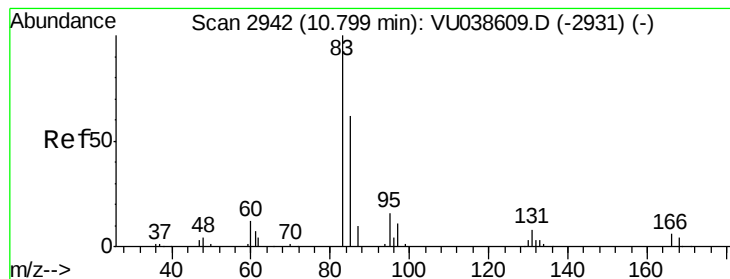
Abundance Ion 43.05 (42.75 to 43.75): VU038621.D (-2199) (-)

Ion 58.05 (57.75 to 58.75): VU038621.D (-2199) (-)

Ion 57.20 (56.90 to 57.90): VU038621.D (-2199) (-)

Ion 100.15 (99.85 to 100.85): VU038621.D (-2199) (-)





#58

1,1,2,2-Tetrachloroethane

Concen: 0.283 ug/L

RT: 10.80 min Scan# 2943

Delta R.T. 0.00 min

Lab File: VU038621.D

Acq: 06 Jun 2020 16:53

Instrument :

MSVOA_U

ClientSampleId :

F9D31

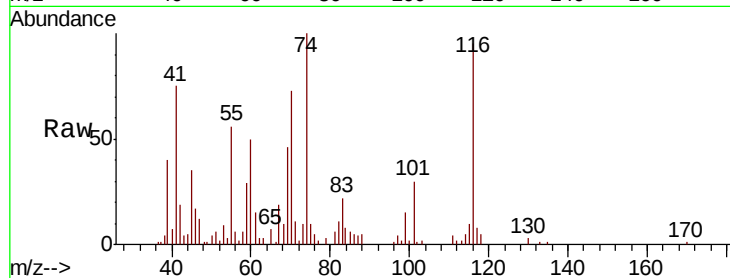
Tot Ion: 83 Resp: 5826

Ion Ratio Lower Upper

83 100

85 25.9 44.2 82.0#

131 0.0 8.1 12.1#

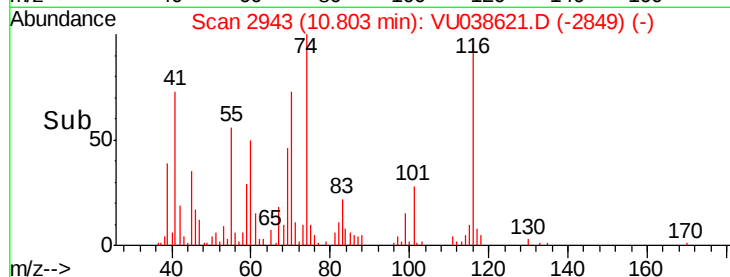


Abundance Ion 82.95 (82.65 to 83.65): VU038609.D (-2931) (-)

Ion 85.00 (84.70 to 85.70): VU038609.D (-2931) (-)

Ion 130.95 (130.65 to 131.65): VU038609.D (-2931) (-)

Time-->

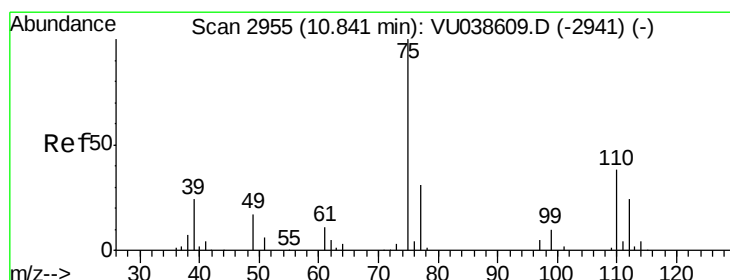


Abundance Ion 82.95 (82.65 to 83.65): VU038621.D (-2849) (-)

Ion 85.00 (84.70 to 85.70): VU038621.D (-2849) (-)

Ion 130.95 (130.65 to 131.65): VU038621.D (-2849) (-)

Time-->



#59

1,2,3-Trichloropropane

Concen: 0.265 ug/L

RT: 10.94 min Scan# 2987

Delta R.T. 0.10 min

Lab File: VU038621.D

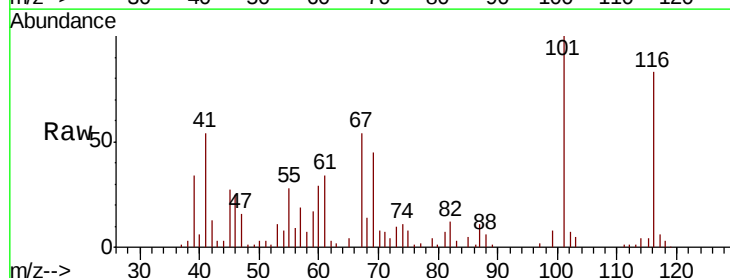
Acq: 06 Jun 2020 16:53

Tgt Ion: 75 Resp: 4240

Ion Ratio Lower Upper

75 100

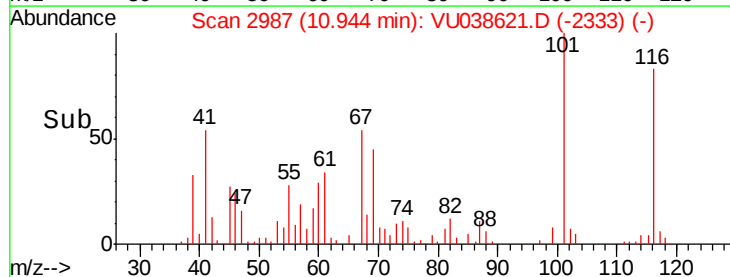
77 30.2 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU038609.D (-2941) (-)

Ion 77.00 (76.70 to 77.70): VU038609.D (-2941) (-)

Time-->



Abundance Ion 75.00 (74.70 to 75.70): VU038621.D (-2333) (-)

Ion 77.00 (76.70 to 77.70): VU038621.D (-2333) (-)

Time-->