

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060620\
 Data File : VU038612.D
 Acq On : 06 Jun 2020 13:26
 Operator : SY/MD
 Sample : L2906-01DL 2X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE3DL

Quant Time: Jun 07 04:03:21 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	316940	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	313599	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	150486	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	68810	3.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.00%
7) Chloroethane-d5	1.93	69	65413	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.00%
11) 1,1-Dichloroethene-d2	2.59	63	115924	2.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.40%#
20) 2-Butanone-d5	4.67	46	360570	57.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.72%
24) Chloroform-d	5.10	84	184485	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.74	65	110095	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.76	84	359952	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.72	67	115300	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.92	98	300458	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	8.20	79	45716	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.66	63	310543	60.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.48%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	108276	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	130047	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

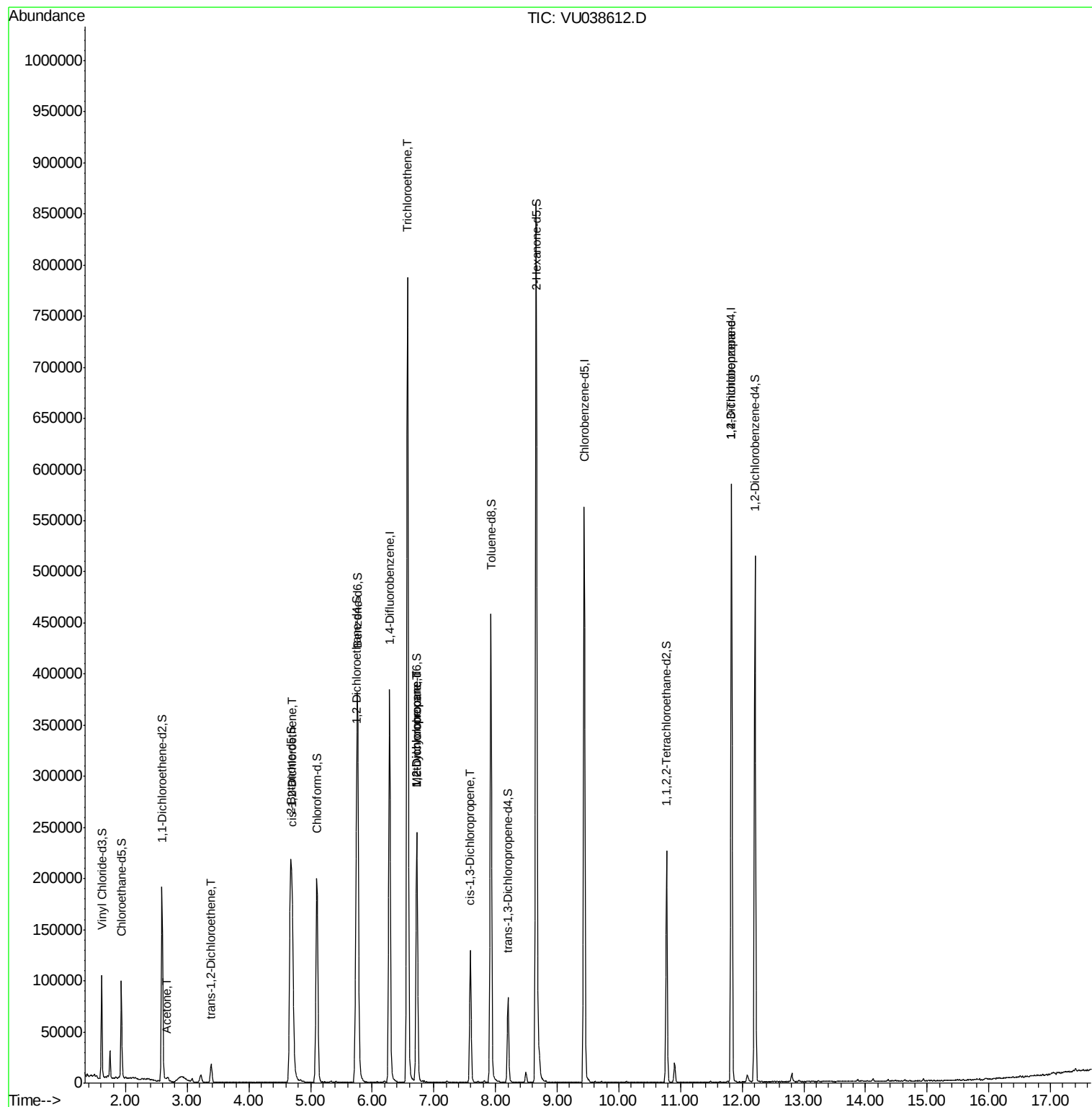
					Ovalue
13) Acetone	2.68	43	7996	1.961 ug/L	94
18) trans-1,2-Dichloroethene	3.39	96	7294	0.347 ug/L	93
22) cis-1,2-Dichloroethene	4.70	96	47964	2.118 ug/L	95
34) Trichloroethene	6.57	95	270148	11.902 ug/L	99
35) Methylcyclohexane	6.72	83	26985	0.768 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	13379	0.608 ug/L #	86
39) cis-1,3-Dichloropropene	7.60	75	3158	0.097 ug/L #	74
59) 1,2,3-Trichloropropane	11.83	75	18944	1.153 ug/L	92

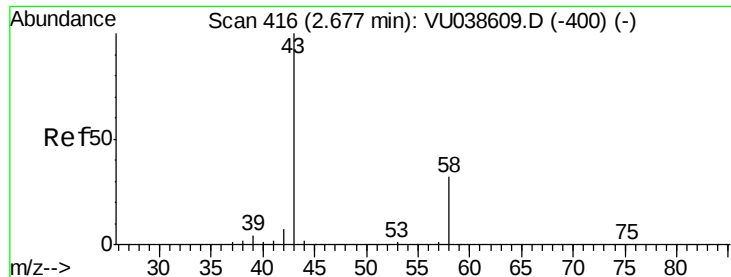
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#13

Acetone

Concen: 1.961 ug/L

RT: 2.68 min Scan# 418

Delta R.T. 0.01 min

Lab File: VU038612.D

Acq: 06 Jun 2020 13:26

Instrument :

MSVOA_U

ClientSampleId :

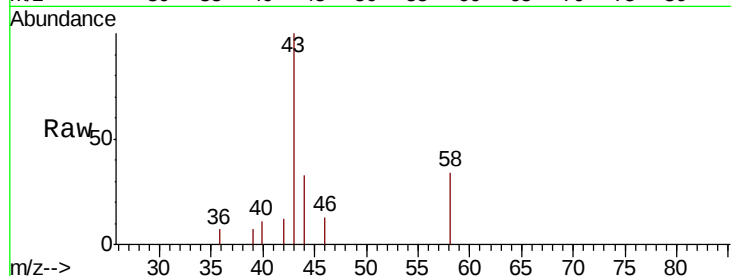
C0AE3DL

Tot Ion: 43 Resp: 7996

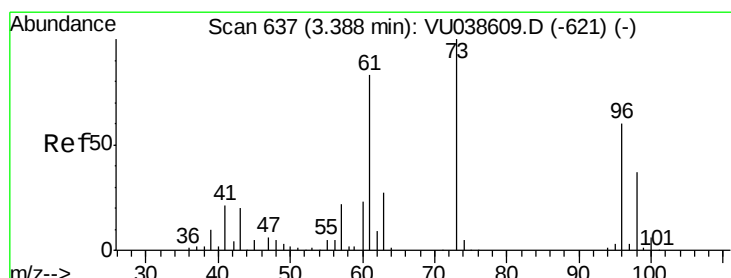
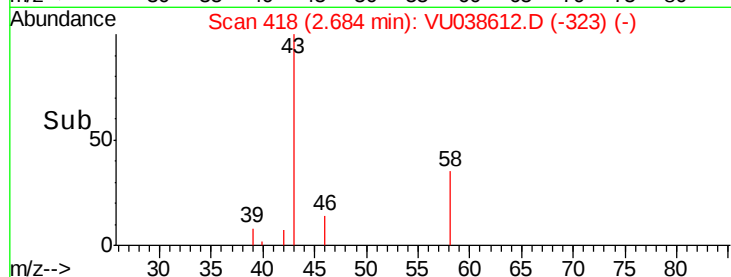
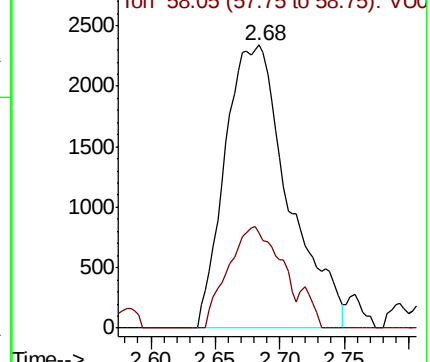
Ion Ratio Lower Upper

43 100

58 29.4 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038612.D (-323) (-)



#18

trans-1,2-Dichloroethene

Concen: 0.347 ug/L

RT: 3.39 min Scan# 637

Delta R.T. 0.00 min

Lab File: VU038612.D

Acq: 06 Jun 2020 13:26

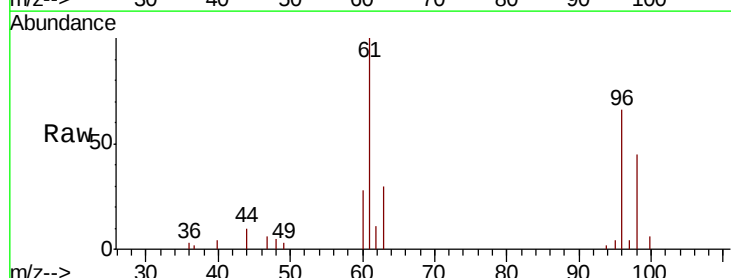
Tgt Ion: 96 Resp: 7294

Ion Ratio Lower Upper

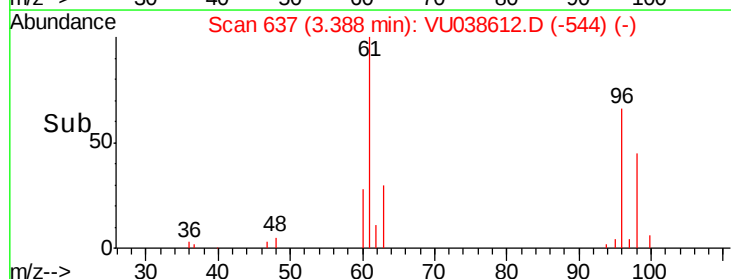
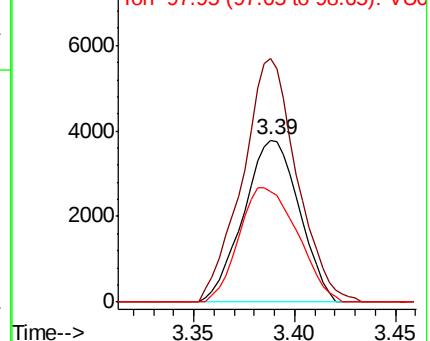
96 100

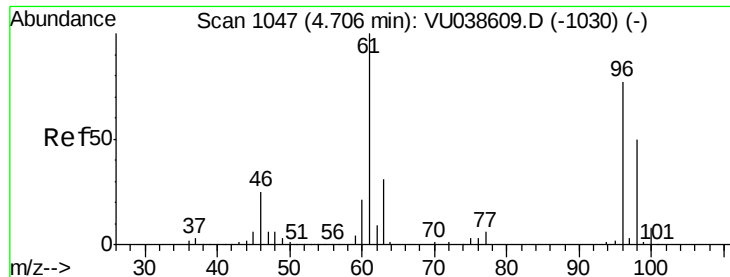
61 150.4 100.2 186.0

98 68.4 42.8 79.4



Abundance Ion 96.00 (95.70 to 96.70): VU038612.D (-544) (-)





#22

cis-1,2-Dichloroethene

Concen: 2.118 ug/L

RT: 4.70 min Scan# 1046

Delta R.T. -0.00 min

Lab File: VU038612.D

Acq: 06 Jun 2020 13:26

Instrument :

MSVOA_U

ClientSampleId :

C0AE3DL

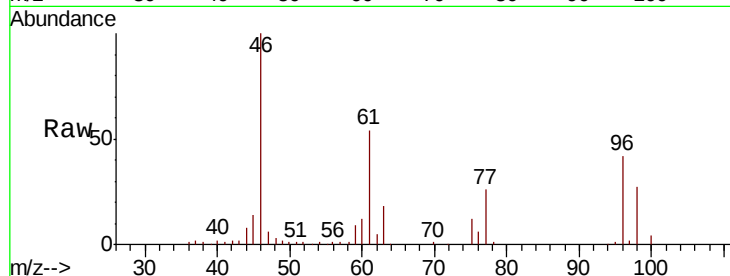
Tot Ion: 96 Resp: 47964

Ion Ratio Lower Upper

96 100

61 127.8 94.0 174.6

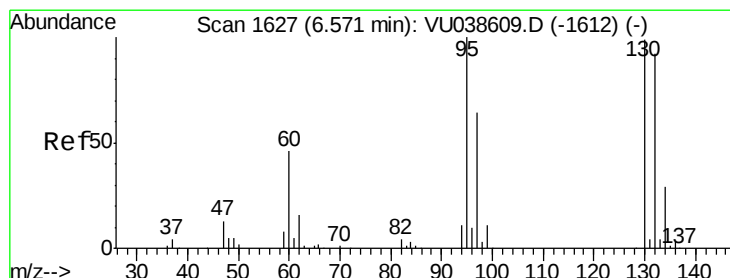
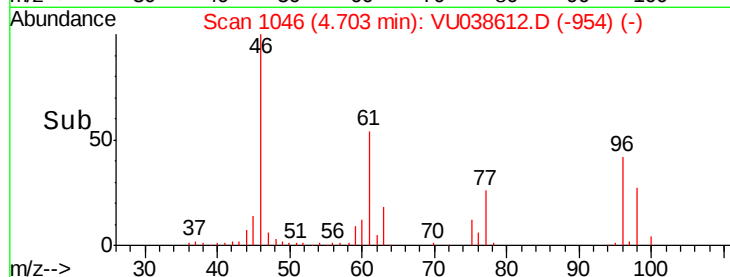
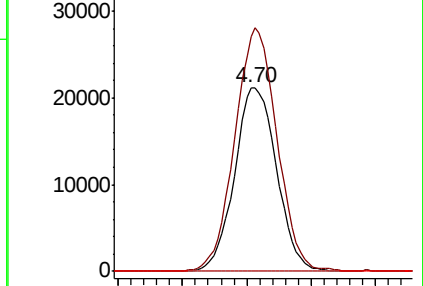
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU038612.D (-1534) (-)

Ion 61.05 (60.75 to 61.75): VU038612.D (-1534) (-)

Ion 68.15 (67.85 to 68.85): VU038612.D (-1534) (-)



#34

Trichloroethene

Concen: 11.902 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU038612.D

Acq: 06 Jun 2020 13:26

Tgt Ion: 95 Resp: 270148

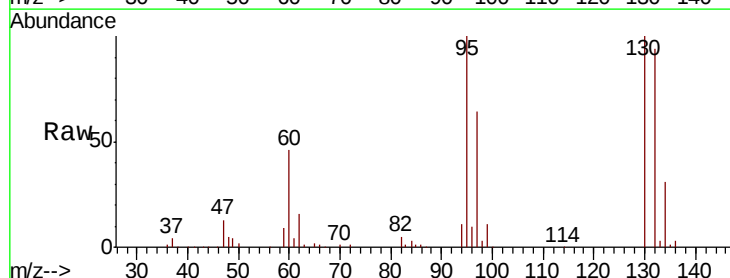
Ion Ratio Lower Upper

95 100

97 64.2 46.8 87.0

132 94.1 66.1 122.7

130 100.0 70.0 130.0

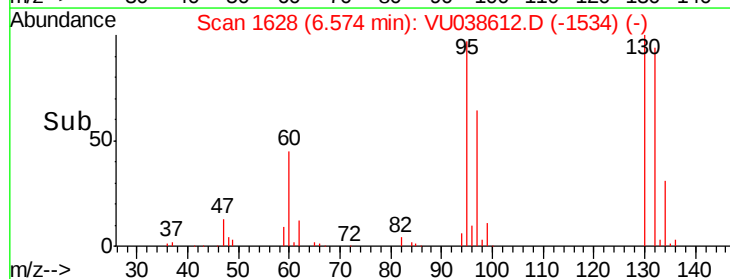
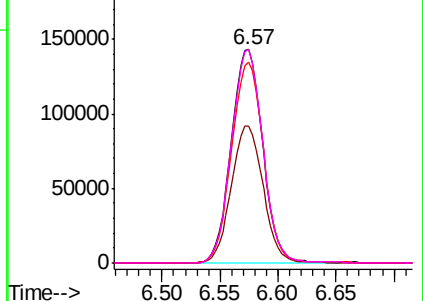


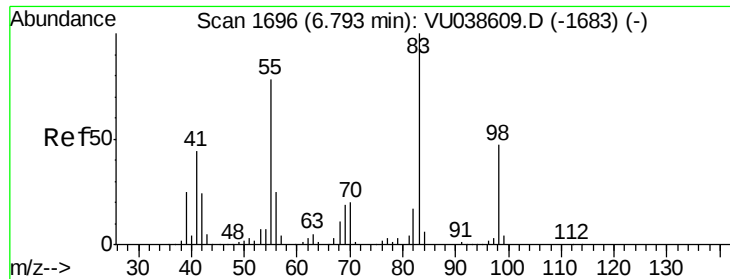
Abundance Ion 95.00 (94.70 to 95.70): VU038612.D (-1534) (-)

Ion 96.95 (96.65 to 97.65): VU038612.D (-1534) (-)

Ion 131.95 (131.65 to 132.65): VU038612.D (-1534) (-)

Ion 129.95 (129.65 to 130.65): VU038612.D (-1534) (-)

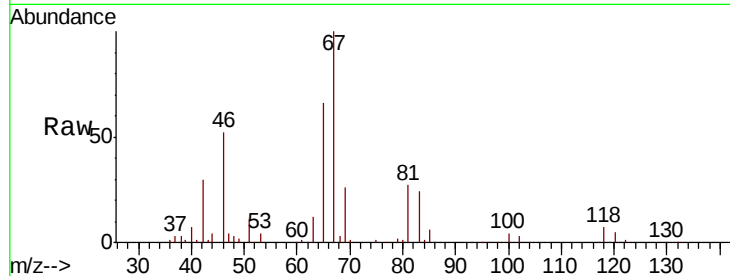




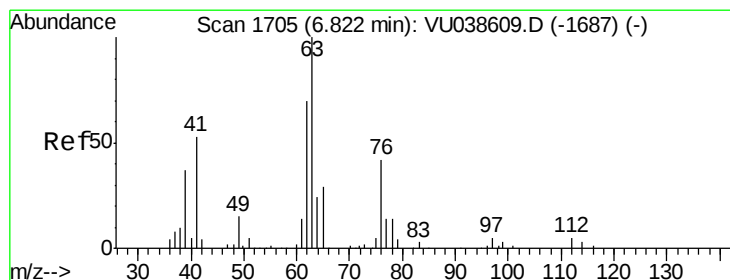
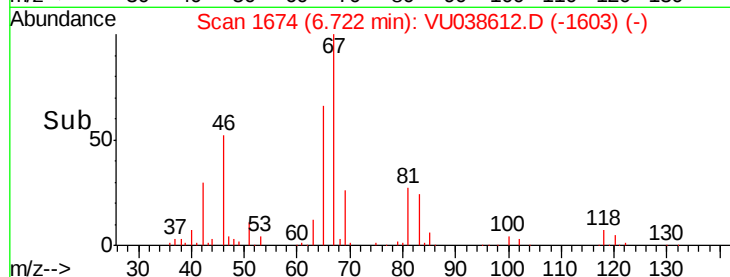
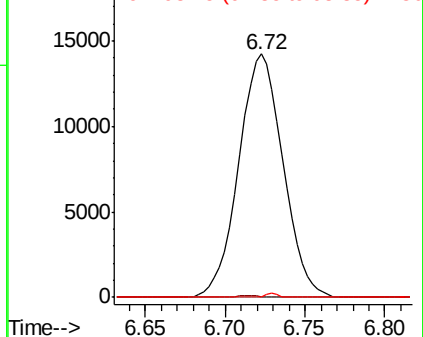
#35
Methvlcvclohexane
Concen: 0.768 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038612.D
Acq: 06 Jun 2020 13:26

Instrument :
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ClientSampleId :
C0AE3DL

Tot Ion: 83 Resp: 26985
Ion Ratio Lower Upper
83 100
55 0.3 63.4 95.2#
98 0.0 39.0 58.4#

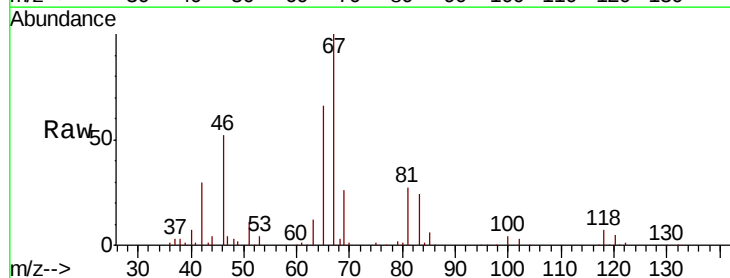


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

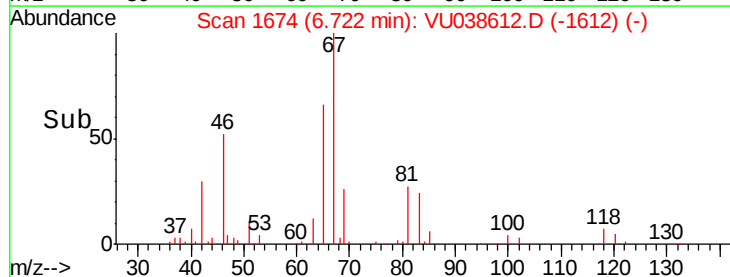
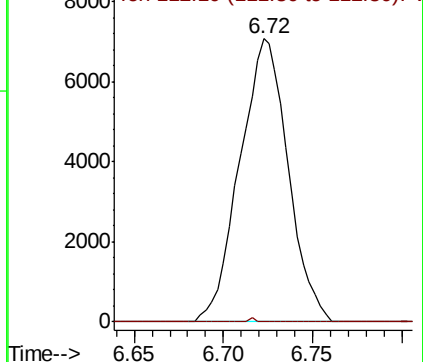


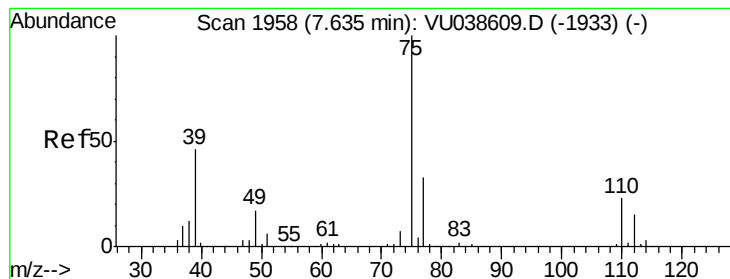
#37
1,2-Dichloropropane
Concen: 0.608 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038612.D
Acq: 06 Jun 2020 13:26

Tgt Ion: 63 Resp: 13379
Ion Ratio Lower Upper
63 100
112 0.1 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: 0.097 ug/L

RT: 7.60 min Scan# 1946

Delta R.T. -0.04 min

Lab File: VU038612.D

Acq: 06 Jun 2020 13:26

Instrument :

MSVOA_U

ClientSampleId :

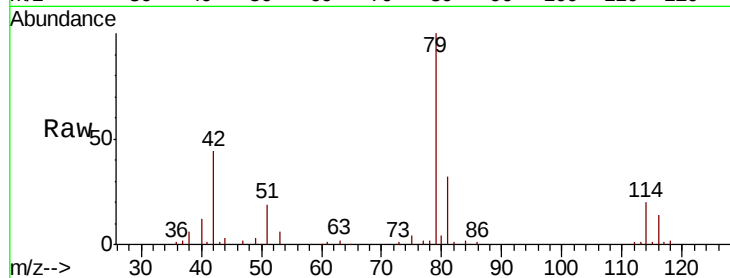
C0AE3DL

Tot Ion: 75 Resp: 3158

Ion Ratio Lower Upper

75 100

77 45.4 21.9 40.7#



Abundance Ion 75.05 (74.75 to 75.75): VU038612.D (-1865) (-)

Ion 77.05 (76.75 to 77.75): VU038612.D (-1865) (-)

7.60

1500

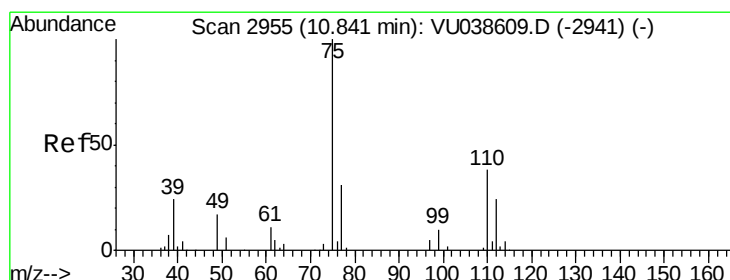
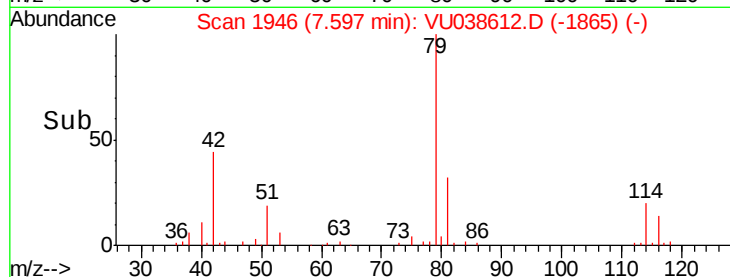
1000

500

0

7.55 7.60 7.65

Time-->



#59

1,2,3-Trichloropropane

Concen: 1.153 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU038612.D

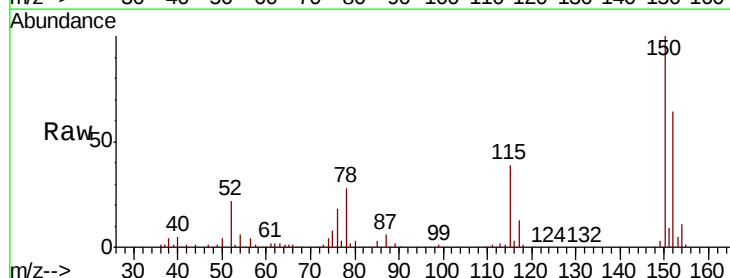
Acq: 06 Jun 2020 13:26

Tgt Ion: 75 Resp: 18944

Ion Ratio Lower Upper

75 100

77 36.4 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU038612.D (-2333) (-)

Ion 77.00 (76.70 to 77.70): VU038612.D (-2333) (-)

11.83

12000

10000

8000

6000

4000

2000

0

11.75 11.80 11.85

Time-->

