

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U061720\
 Data File : VU038959.D
 Acq On : 17 Jun 2020 21:07
 Operator : SY/MD
 Sample : L3040-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9L37

Quant Time: Jun 18 04:12:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 18 04:07:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	254209	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	260086	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	117304	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	91872	5.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.20%
7) Chloroethane-d5	1.93	69	84447	5.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.80%
11) 1,1-Dichloroethene-d2	2.59	63	140278	3.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.40%
20) 2-Butanone-d5	4.69	46	360444	63.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.64%
24) Chloroform-d	5.10	84	191574	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.20%
26) 1,2-Dichloroethane-d4	5.74	65	113954	5.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.60%
32) Benzene-d6	5.76	84	355568	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
36) 1,2-Dichloropropane-d6	6.72	67	116508	5.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.80%
41) Toluene-d8	7.92	98	281076	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	8.20	79	46636	4.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.80%
46) 2-Hexanone-d5	8.66	63	302331	59.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.18%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	110361	5.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	122344	5.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.60%

Target Compounds

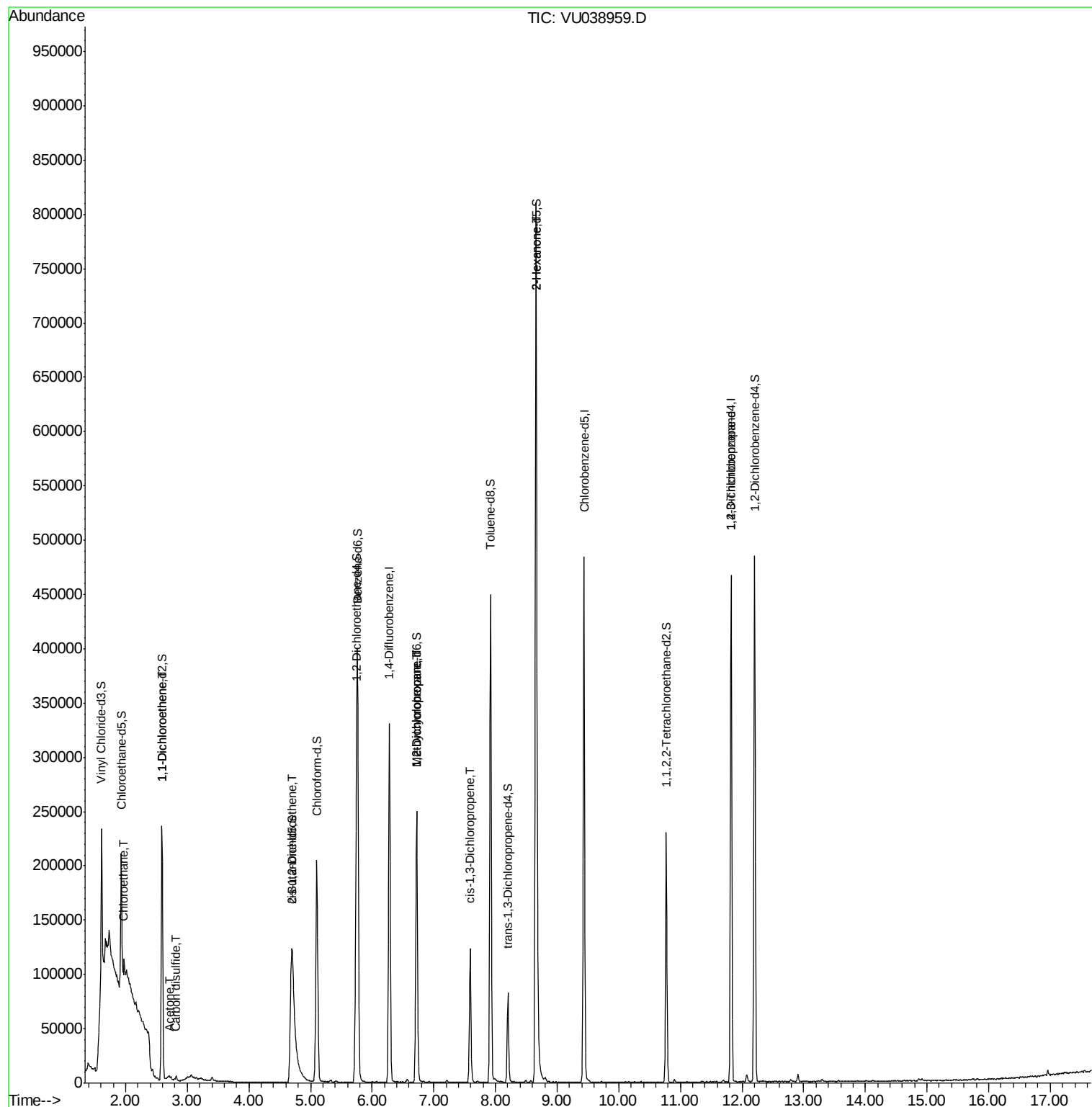
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.96	64	4420	0.292	ug/L #	52
12) 1,1-Dichloroethene	2.59	96	1171	0.066	ug/L #	1
13) Acetone	2.71	43	4713	1.224	ug/L	77
14) Carbon disulfide	2.82	76	5260	0.087	ug/L	98
22) cis-1,2-Dichloroethene	4.70	96	6122	0.318	ug/L	79
35) Methylcyclohexane	6.72	83	27378	0.876	ug/L #	19
37) 1,2-Dichloropropane	6.72	63	12650	0.623	ug/L #	85
39) cis-1,3-Dichloropropene	7.59	75	2818	0.095	ug/L #	67
48) 2-Hexanone	8.66	43	40691	3.842	ug/L #	67
59) 1,2,3-Trichloropropane	11.82	75	14916	0.953	ug/L #	88

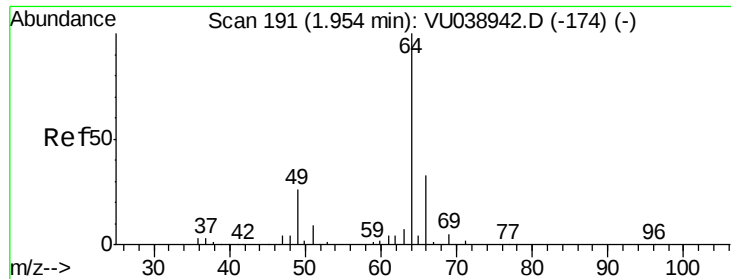
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.292 ug/L

RT: 1.96 min Scan# 193

Delta R.T. 0.01 min

Lab File: VU038959.D

Acq: 17 Jun 2020 21:07

Instrument :

MSVOA_U

ClientSampled :

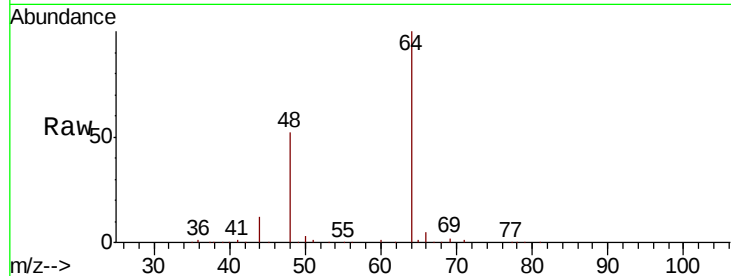
F9L37

Tot Ion: 64 Resp: 4420

Ion Ratio Lower Upper

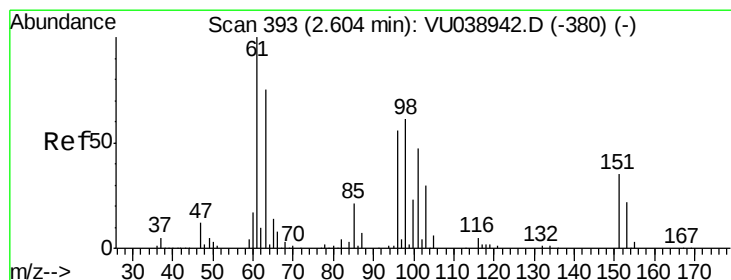
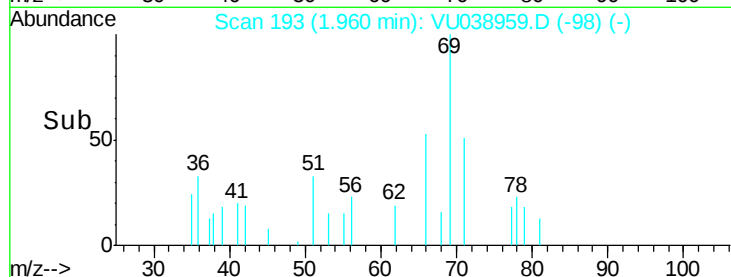
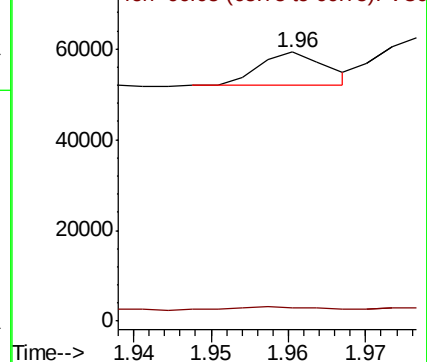
64 100

66 5.1 22.1 41.1#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0



#12

1,1-Dichloroethene

Concen: 0.066 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.01 min

Lab File: VU038959.D

Acq: 17 Jun 2020 21:07

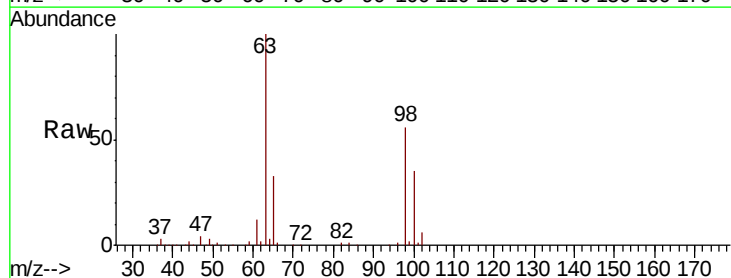
Tgt Ion: 96 Resp: 1171

Ion Ratio Lower Upper

96 100

61 1416.8 120.3 223.5#

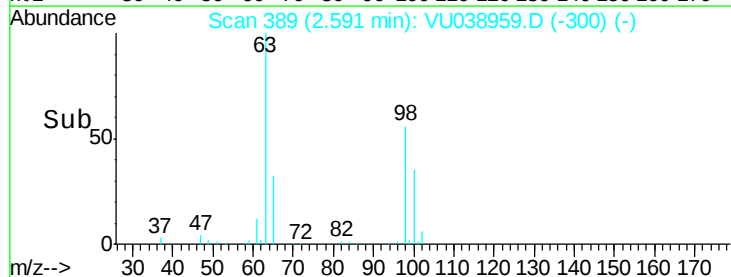
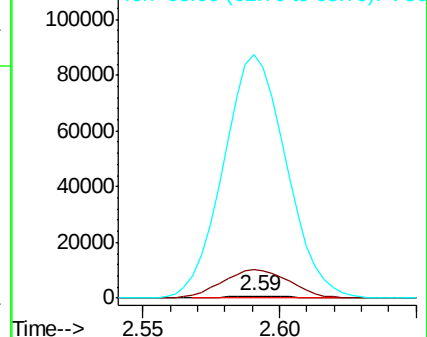
63 12024.2 78.7 146.1#

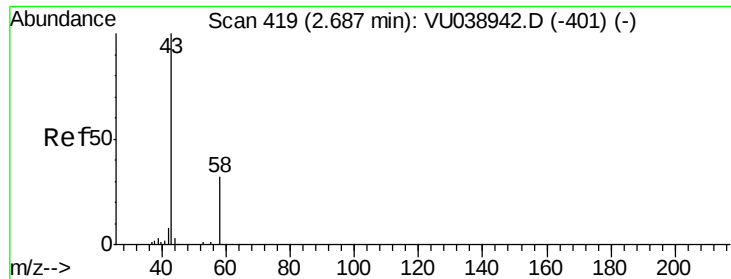


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.224 ug/L

RT: 2.71 min Scan# 426

Delta R.T. 0.02 min

Lab File: VU038959.D

Acq: 17 Jun 2020 21:07

Instrument :

MSVOA_U

ClientSampleId :

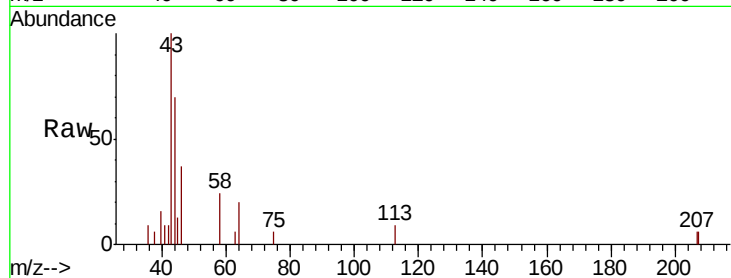
F9L37

Tot Ion: 43 Resp: 4713

Ion Ratio Lower Upper

43 100

58 19.8 0.0 65.0

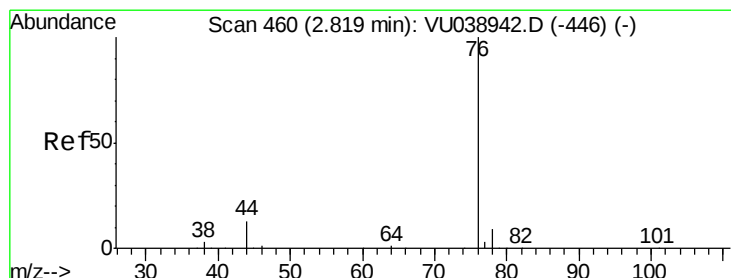
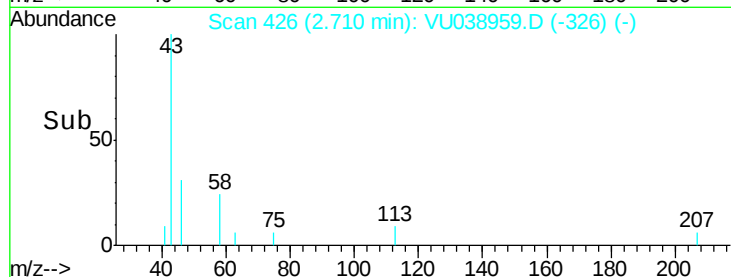


Abundance Ion 43.05 (42.75 to 43.75): VU038942.D (-401) (-)

Ion 58.05 (57.75 to 58.75): VU038942.D (-401) (-)

2.71

Time-->



#14

Carbon disulfide

Concen: 0.087 ug/L

RT: 2.82 min Scan# 461

Delta R.T. 0.00 min

Lab File: VU038959.D

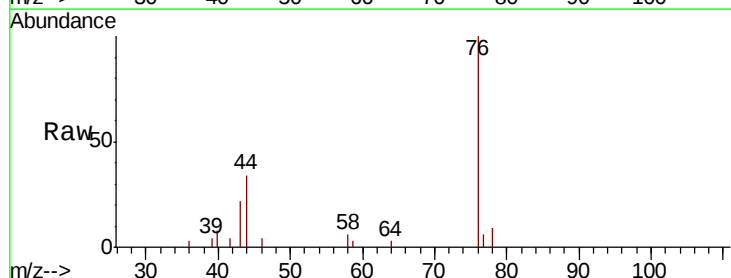
Acq: 17 Jun 2020 21:07

Tgt Ion: 76 Resp: 5260

Ion Ratio Lower Upper

76 100

78 8.5 7.4 11.0

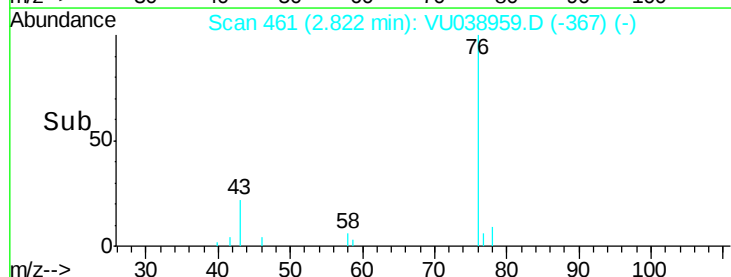


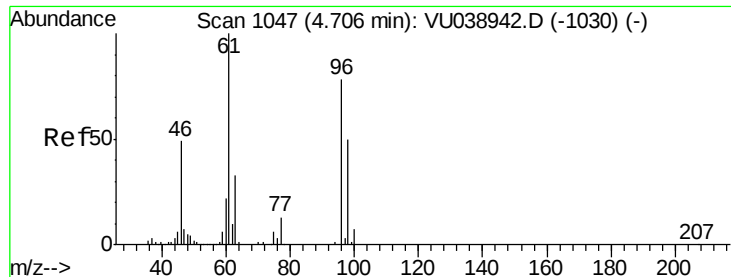
Abundance Ion 76.05 (75.75 to 76.75): VU038942.D (-446) (-)

Ion 78.00 (77.70 to 78.70): VU038942.D (-446) (-)

2.82

Time-->





#22

cis-1,2-Dichloroethene

Concen: 0.318 ug/L

RT: 4.70 min Scan# 1046

Delta R.T. -0.00 min

Lab File: VU038959.D

Acq: 17 Jun 2020 21:07

Instrument :

MSVOA_U

ClientSampleId :

F9L37

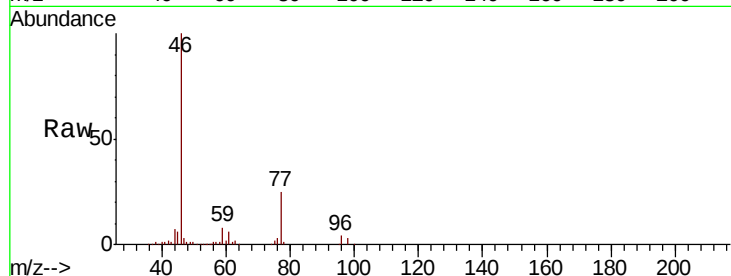
Tot Ion: 96 Resp: 6122

Ion Ratio Lower Upper

96 100

61 158.3 93.7 173.9

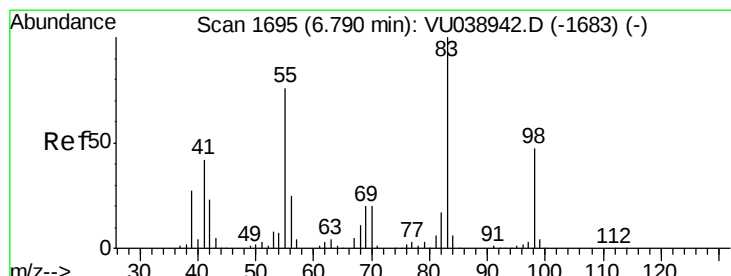
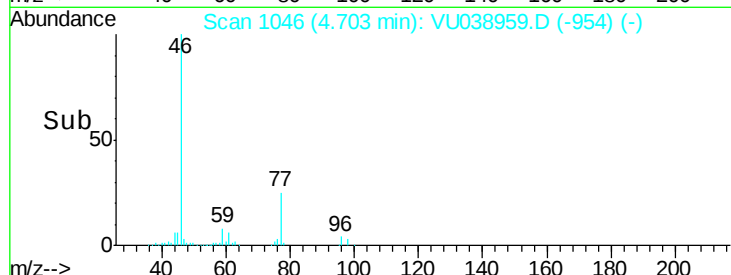
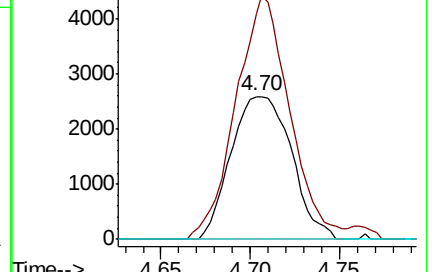
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU038959.D (-954) (-)

Ion 61.05 (60.75 to 61.75): VU038959.D (-954) (-)

Ion 68.15 (67.85 to 68.85): VU038959.D (-954) (-)



#35

Methylcyclohexane

Concen: 0.876 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.07 min

Lab File: VU038959.D

Acq: 17 Jun 2020 21:07

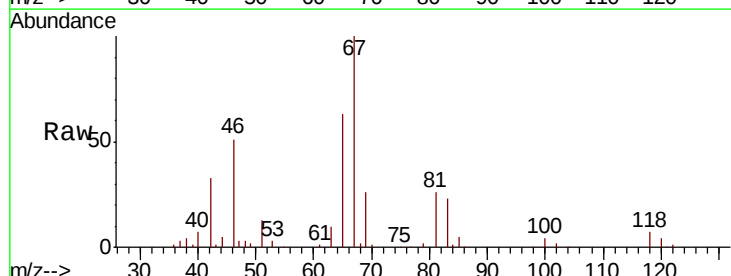
Tgt Ion: 83 Resp: 27378

Ion Ratio Lower Upper

83 100

55 0.7 61.8 92.8#

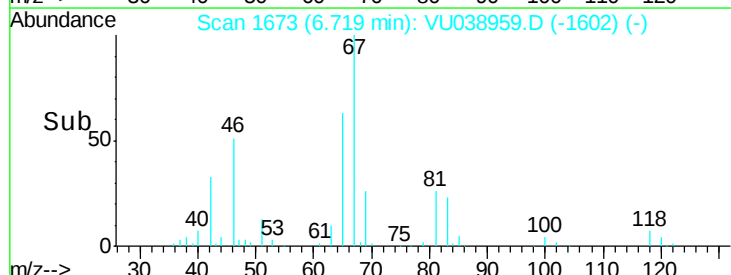
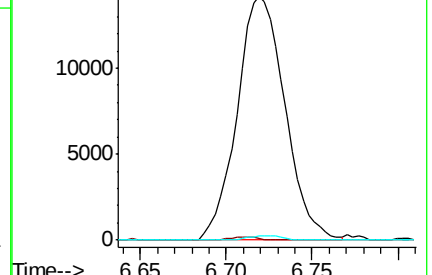
98 1.3 39.3 58.9#

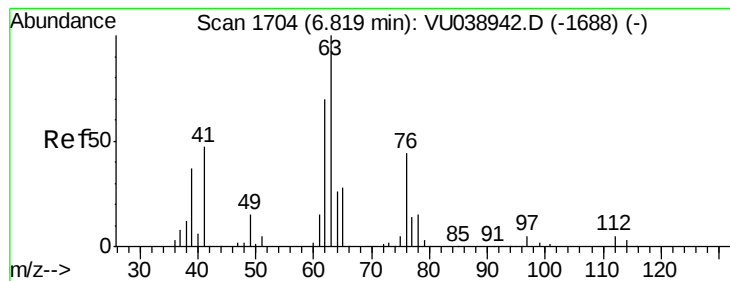


Abundance Ion 83.15 (82.85 to 83.85): VU038959.D (-1602) (-)

Ion 55.10 (54.80 to 55.80): VU038959.D (-1602) (-)

Ion 98.15 (97.85 to 98.85): VU038959.D (-1602) (-)





#37

1,2-Dichloropropane

Concen: 0.623 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU038959.D

Acq: 17 Jun 2020 21:07

Instrument :

MSVOA_U

ClientSampled :

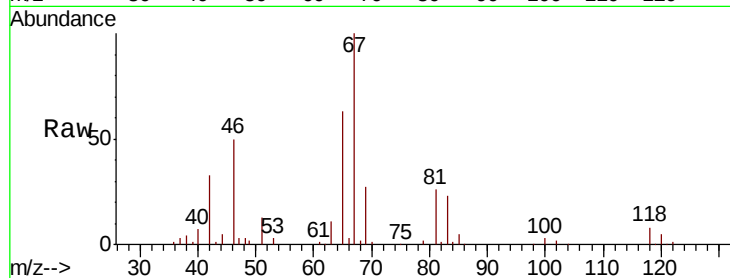
F9L37

Tot Ion: 63 Resp: 12650

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



Abundance Ion 63.10 (62.80 to 63.80): VU038942.D (-1688) (-)

Ion 112.10 (111.80 to 112.80): VU038942.D (-1688) (-)

6.72

6000

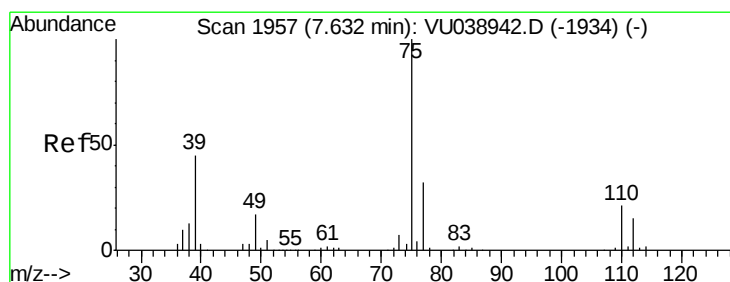
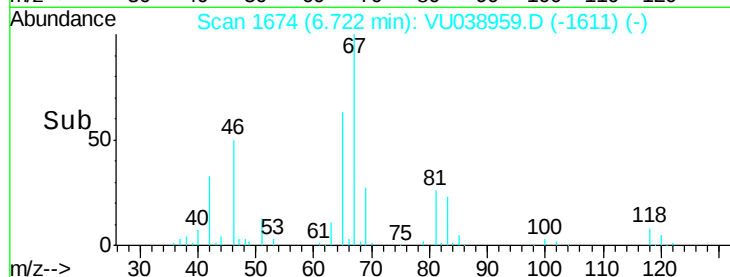
4000

2000

0

Time-->

6.65 6.70 6.75 6.80



#39

cis-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 7.59 min Scan# 1943

Delta R.T. -0.05 min

Lab File: VU038959.D

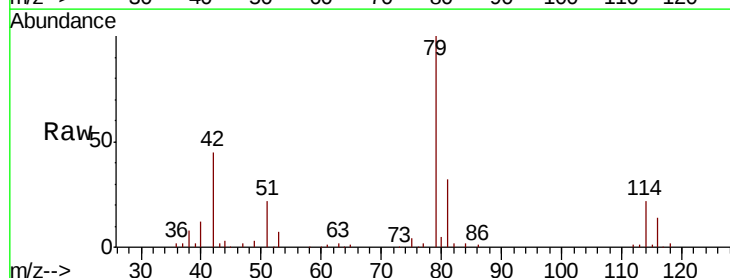
Acq: 17 Jun 2020 21:07

Tgt Ion: 75 Resp: 2818

Ion Ratio Lower Upper

75 100

77 50.6 22.4 41.6#



Abundance Ion 75.05 (74.75 to 75.75): VU038942.D (-1934) (-)

Ion 77.05 (76.75 to 77.75): VU038942.D (-1934) (-)

7.59

2000

1500

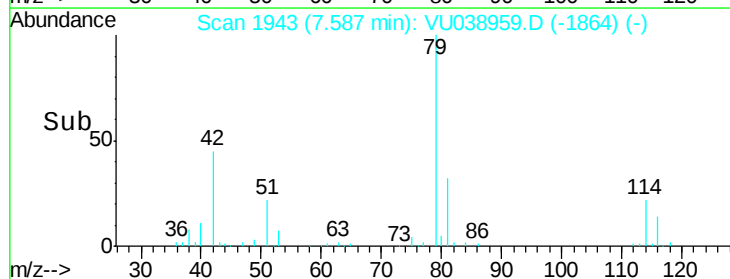
1000

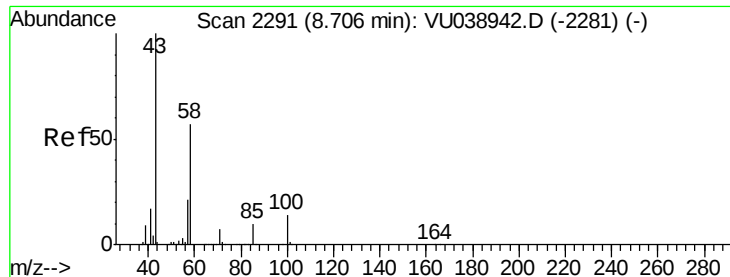
500

0

Time-->

7.55 7.60 7.65

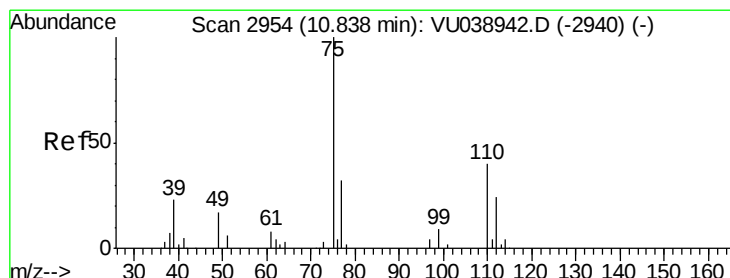
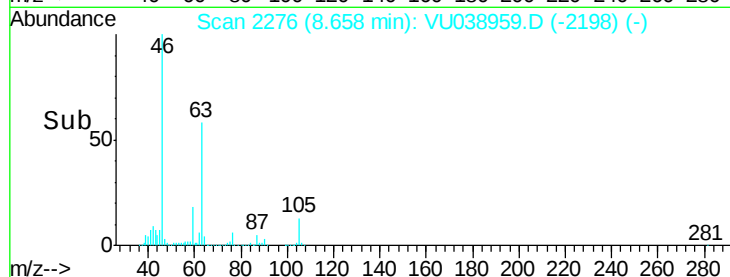
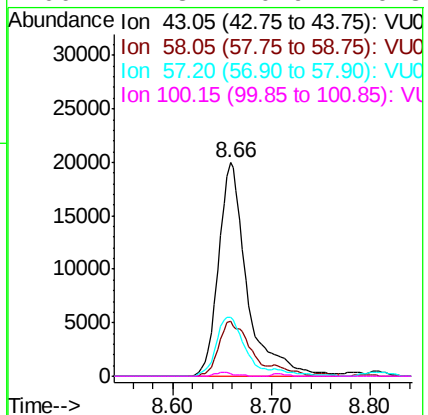
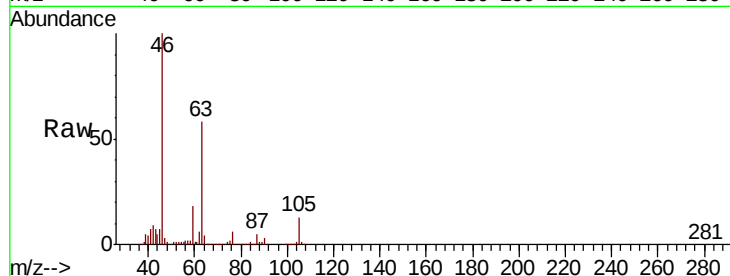




#48
2-Hexanone
Concen: 3.842 ug/L
RT: 8.66 min Scan# 2276
Delta R.T. -0.05 min
Lab File: VU038959.D
Acq: 17 Jun 2020 21:07

Instrument :
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Tot Ion: 43 Resp: 40691
Ion Ratio Lower Upper
43 100
58 26.9 45.2 67.8#
57 27.4 16.1 24.1#
100 1.3 10.9 16.3#



#59
1,2,3-Trichloropropane
Concen: 0.953 ug/L
RT: 11.82 min Scan# 3260
Delta R.T. 0.98 min
Lab File: VU038959.D
Acq: 17 Jun 2020 21:07

Tgt Ion: 75 Resp: 14916
Ion Ratio Lower Upper
75 100
77 38.4 25.4 38.0#

