

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\
 Data File : VU038594.D
 Acq On : 06 Jun 2020 02:09
 Operator : SY/MD
 Sample : L2910-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D02

Quant Time: Jun 06 02:40:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 06 02:36:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	296966	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	297812	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	148581	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	64675	3.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.40%
7) Chloroethane-d5	1.93	69	59796	4.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.00%
11) 1,1-Dichloroethene-d2	2.59	63	118405	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	4.69	46	318894	54.62	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.24%
24) Chloroform-d	5.10	84	163405	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.74	65	98557	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.76	84	326013	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
36) 1,2-Dichloropropane-d6	6.72	67	102823	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.92	98	275576	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
43) trans-1,3-Dichloropropene-	8.20	79	39386	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
46) 2-Hexanone-d5	8.66	63	269392	55.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.96%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	94635	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	121178	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds

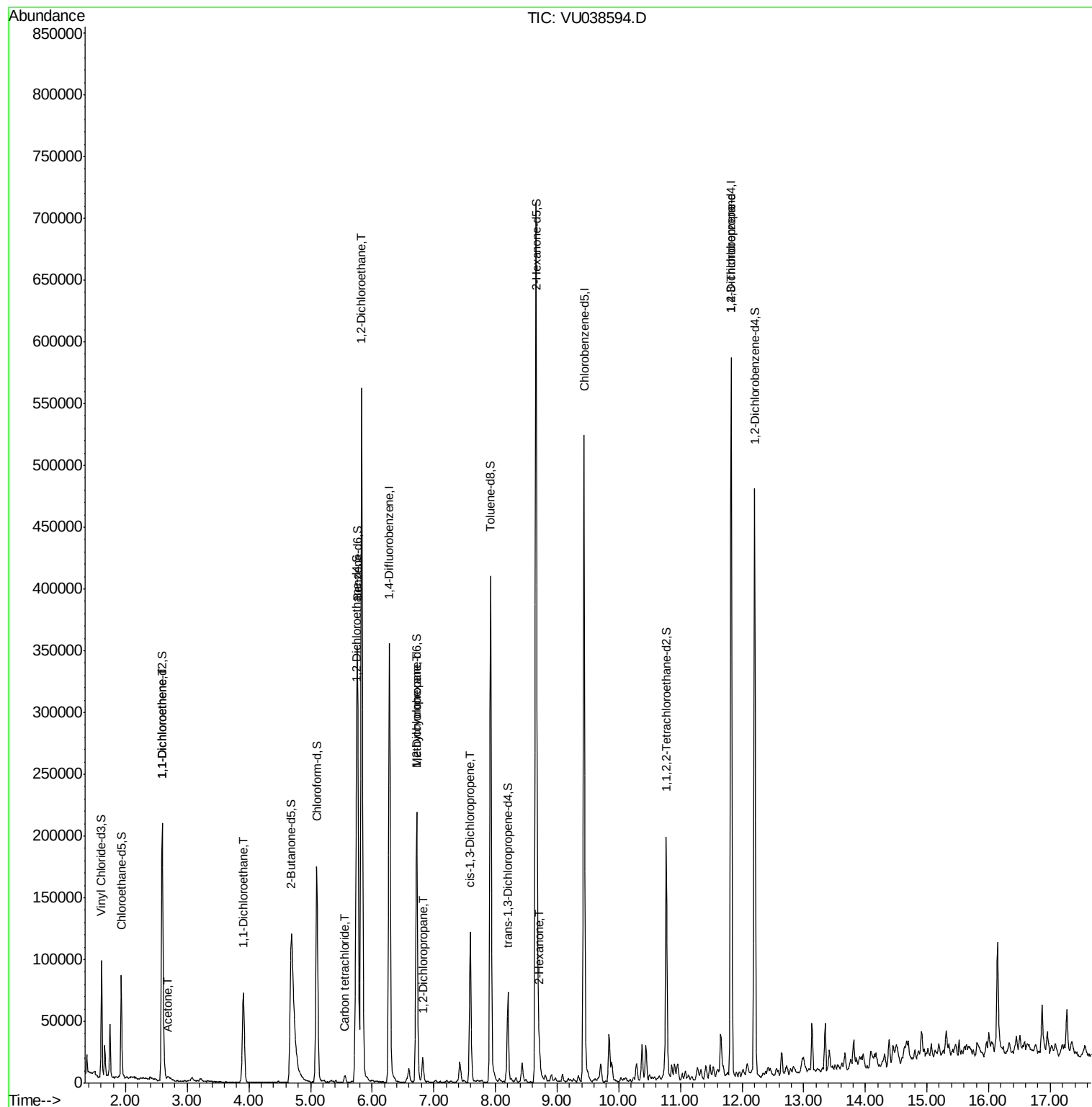
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.60	96	14699	0.804	ug/L #	1
13) Acetone	2.70	43	3489	0.913	ug/L	75
19) 1,1-Dichloroethane	3.91	63	83943	2.380	ug/L	98
27) 1,2-Dichloroethane	5.83	62	487594	19.329	ug/L	100
31) Carbon tetrachloride	5.56	117	3731	0.142	ug/L	93
35) Methylcyclohexane	6.72	83	25426	0.762	ug/L #	18
37) 1,2-Dichloropropane	6.82	63	7770	0.372	ug/L #	92
39) cis-1,3-Dichloropropene	7.59	75	2950	0.096	ug/L #	59
48) 2-Hexanone	8.71	43	14187	1.253	ug/L #	96
59) 1,2,3-Trichloropropane	11.83	75	19024	1.220	ug/L #	83

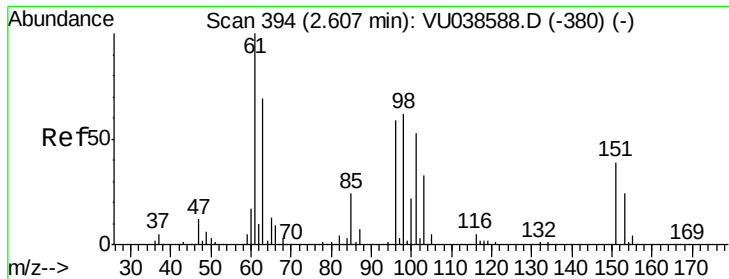
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.804 ug/L

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU038594.D

Acq: 06 Jun 2020 02:09

Instrument :

MSVOA_U

ClientSampleId :

F9D02

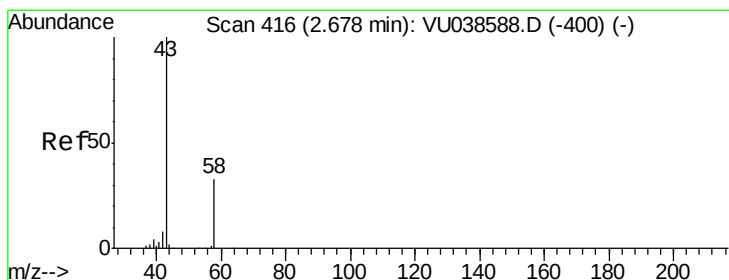
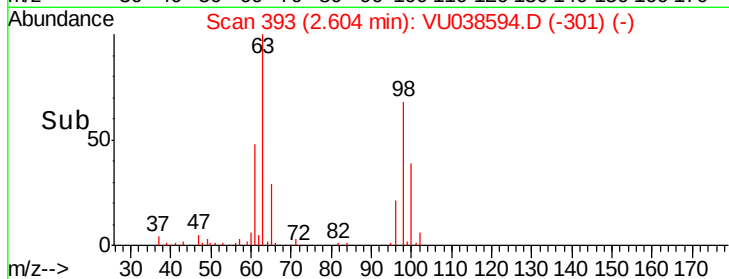
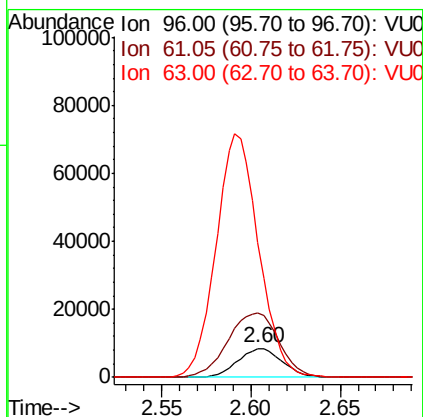
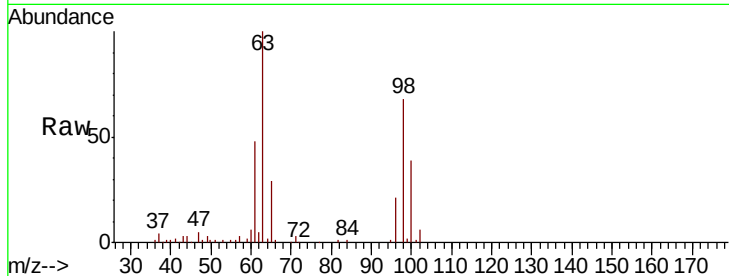
Tot Ion: 96 Resp: 14699

Ion Ratio Lower Upper

96 100

61 223.6 119.9 222.7#

63 469.8 89.9 167.0#



#13

Acetone

Concen: 0.913 ug/L

RT: 2.70 min Scan# 422

Delta R.T. 0.02 min

Lab File: VU038594.D

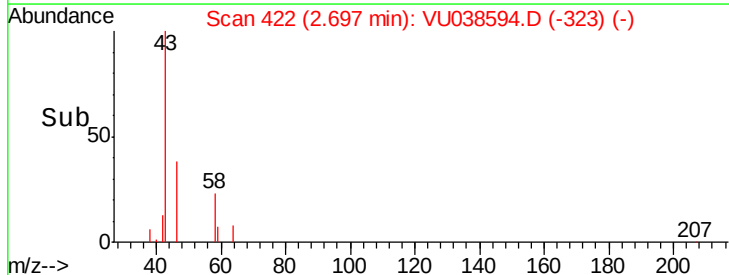
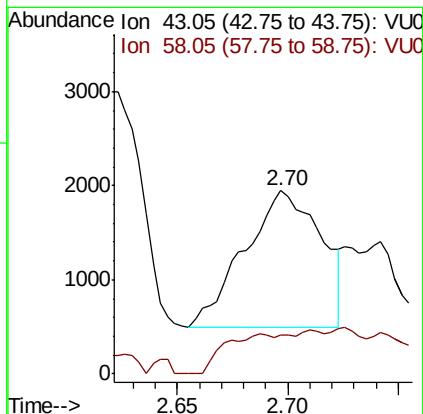
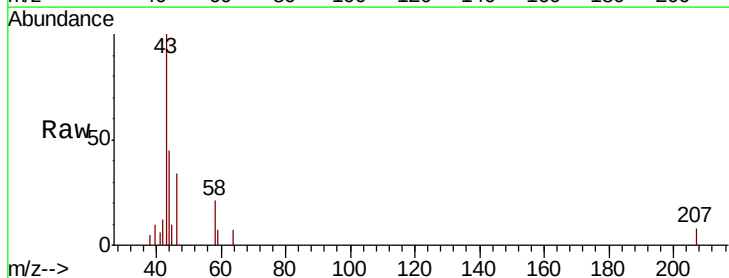
Acq: 06 Jun 2020 02:09

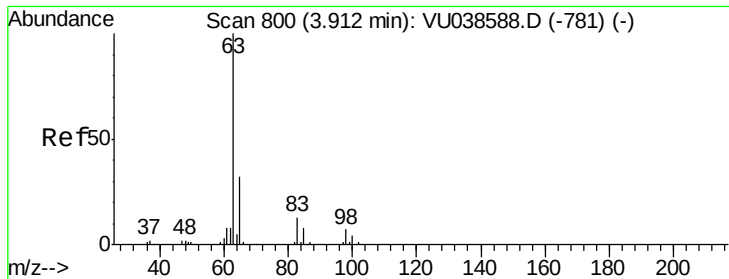
Tgt Ion: 43 Resp: 3489

Ion Ratio Lower Upper

43 100

58 18.9 0.0 65.6





#19

1,1-Dichloroethane

Concen: 2.380 ug/L

RT: 3.91 min Scan# 799

Delta R.T. -0.00 min

Lab File: VU038594.D

Acq: 06 Jun 2020 02:09

Instrument :

MSVOA_U

ClientSampleId :

F9D02

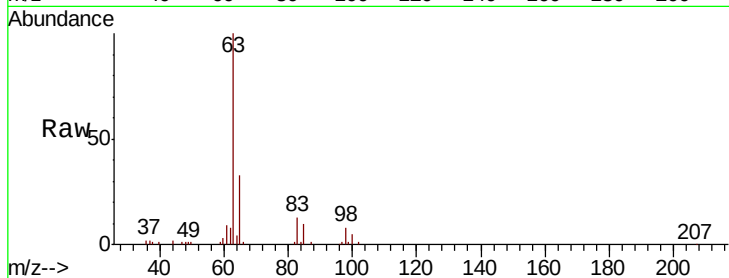
Tot Ion: 63 Resp: 83943

Ion Ratio Lower Upper

63 100

65 33.0 22.3 41.5

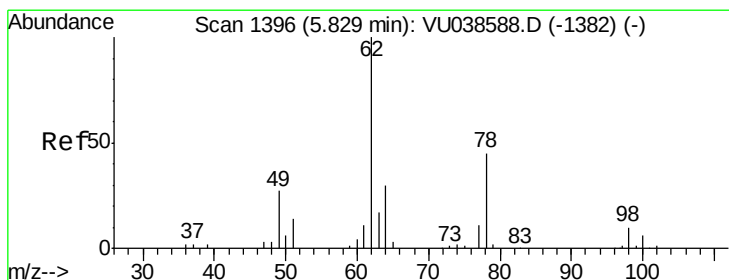
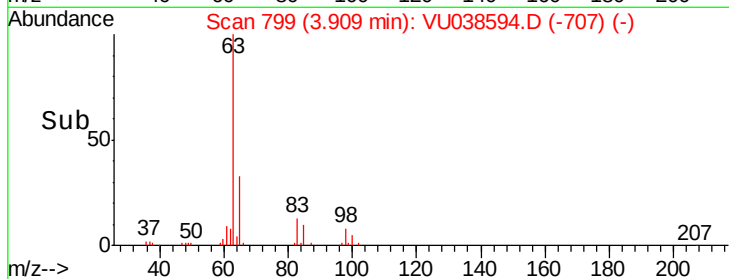
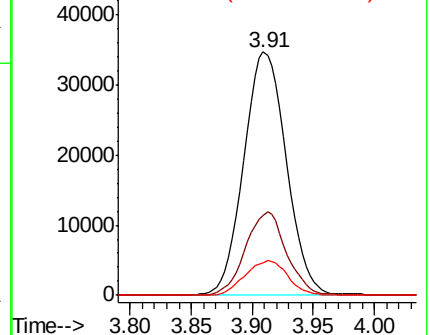
83 13.5 10.4 19.4



Abundance Ion 63.10 (62.80 to 63.80): VU038588.D (-781) (-)

Ion 65.10 (64.80 to 65.80): VU038588.D (-781) (-)

Ion 83.05 (82.75 to 83.75): VU038588.D (-781) (-)



#27

1,2-Dichloroethane

Concen: 19.329 ug/L

RT: 5.83 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VU038594.D

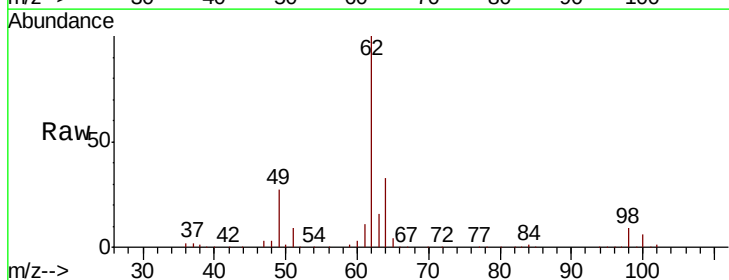
Acq: 06 Jun 2020 02:09

Tgt Ion: 62 Resp: 487594

Ion Ratio Lower Upper

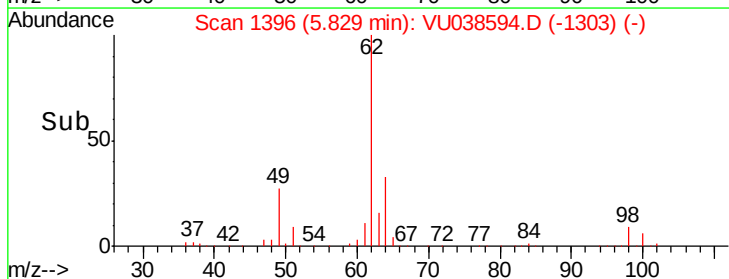
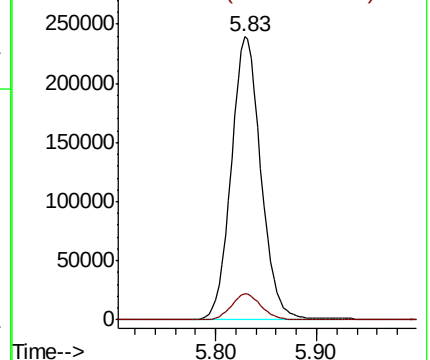
62 100

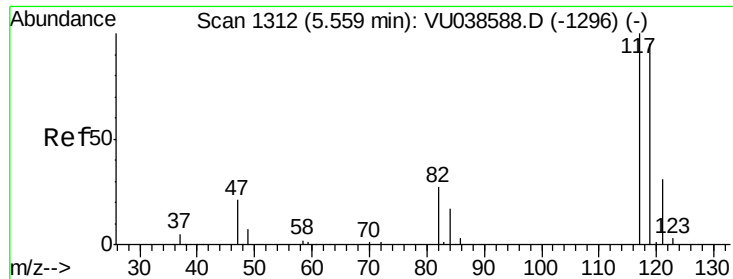
98 9.3 7.4 11.2



Abundance Ion 62.00 (61.70 to 62.70): VU038588.D (-1382) (-)

Ion 98.05 (97.75 to 98.75): VU038588.D (-1382) (-)





#31

Carbon tetrachloride

Concen: 0.142 ug/L

RT: 5.56 min Scan# 1313

Delta R.T. 0.00 min

Lab File: VU038594.D

Acq: 06 Jun 2020 02:09

Instrument :

MSVOA_U

ClientSampleId :

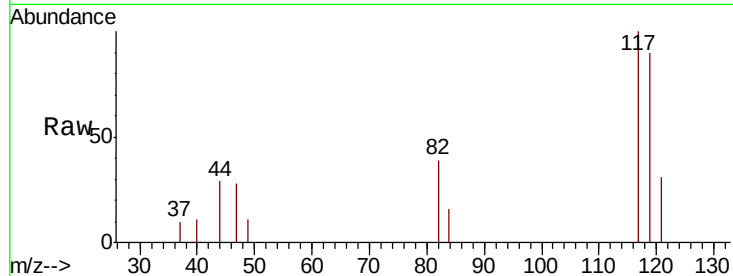
F9D02

Tot Ion:117 Resp: 3731

Ion Ratio Lower Upper

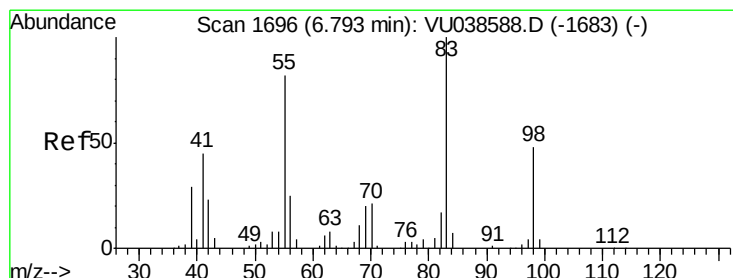
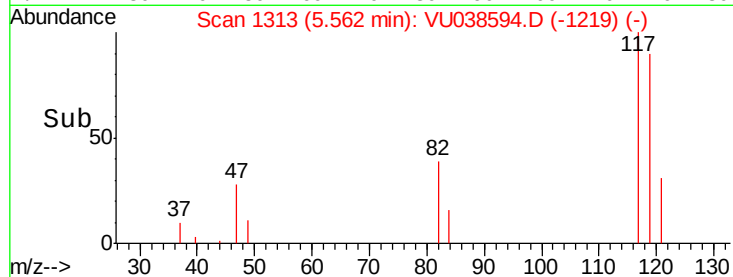
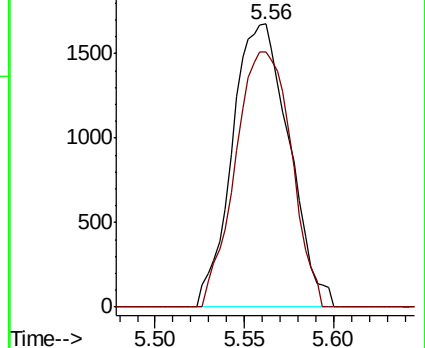
117 100

119 88.7 76.6 115.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#35

Methylcyclohexane

Concen: 0.762 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.07 min

Lab File: VU038594.D

Acq: 06 Jun 2020 02:09

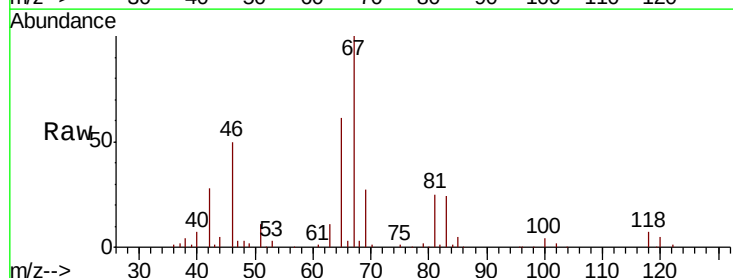
Tgt Ion: 83 Resp: 25426

Ion Ratio Lower Upper

83 100

55 0.3 63.4 95.2#

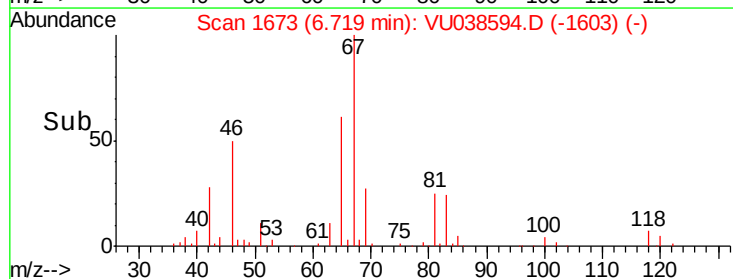
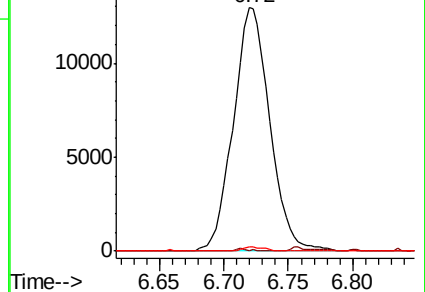
98 1.1 39.0 58.4#

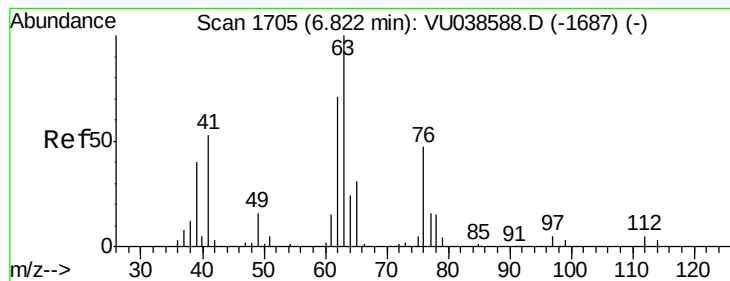


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.372 ug/L

RT: 6.82 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VU038594.D

Acq: 06 Jun 2020 02:09

Instrument :

MSVOA_U

ClientSampleId :

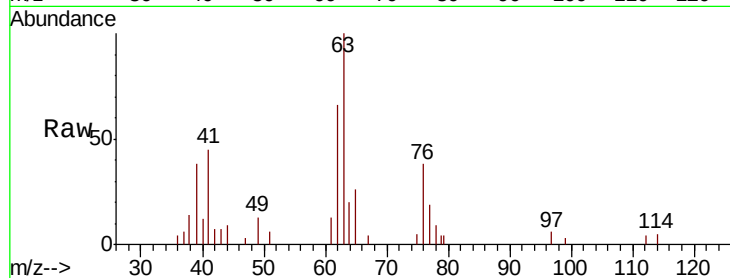
F9D02

Tot Ion: 63 Resp: 7770

Ion Ratio Lower Upper

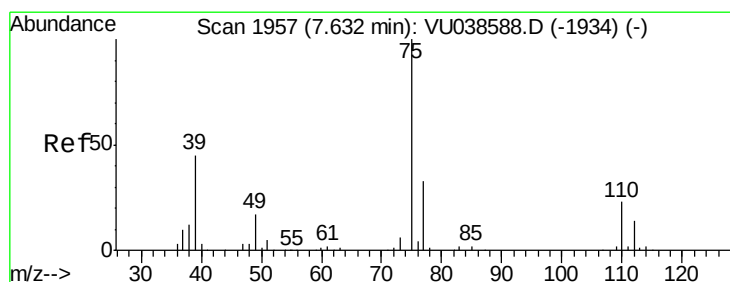
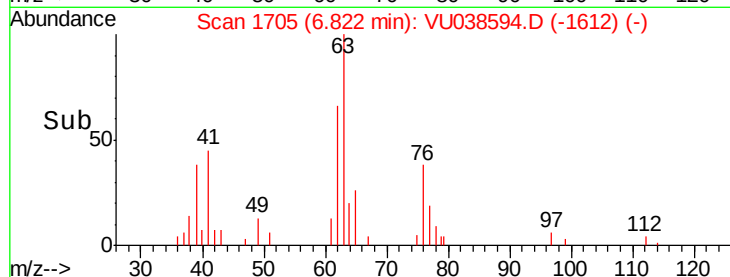
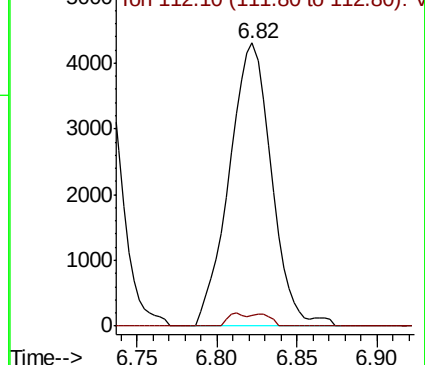
63 100

112 1.9 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VU038588.D (-1687) (-)

Ion 112.10 (111.80 to 112.80): VU038588.D (-1687) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.096 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU038594.D

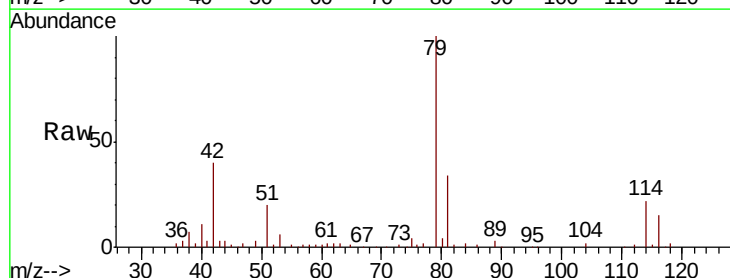
Acq: 06 Jun 2020 02:09

Tgt Ion: 75 Resp: 2950

Ion Ratio Lower Upper

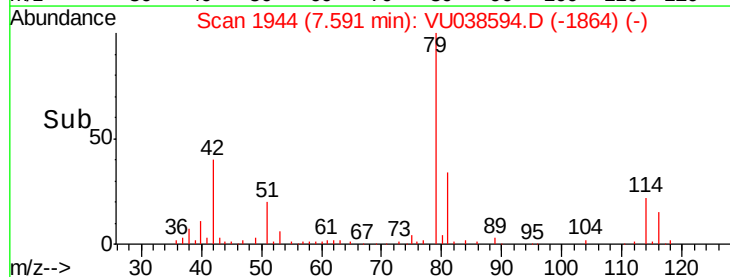
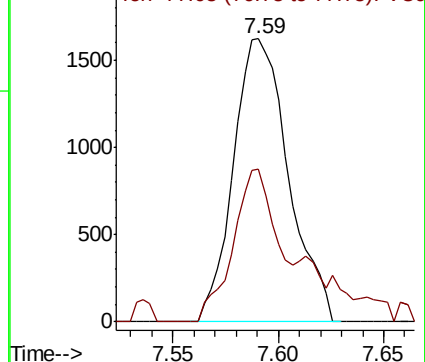
75 100

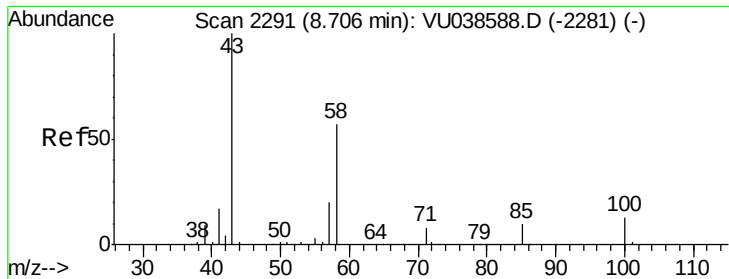
77 53.9 21.9 40.7#



Abundance Ion 75.05 (74.75 to 75.75): VU038588.D (-1934) (-)

Ion 77.05 (76.75 to 77.75): VU038588.D (-1934) (-)

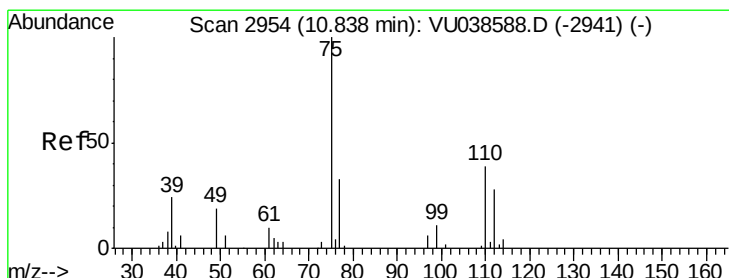
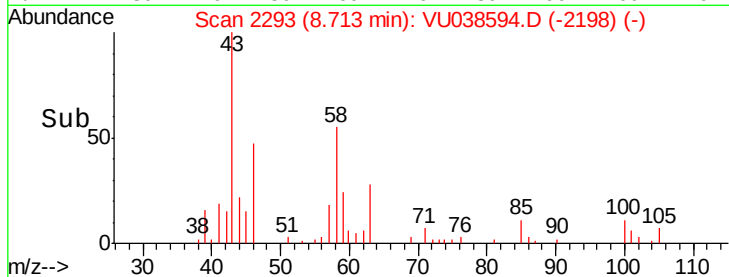
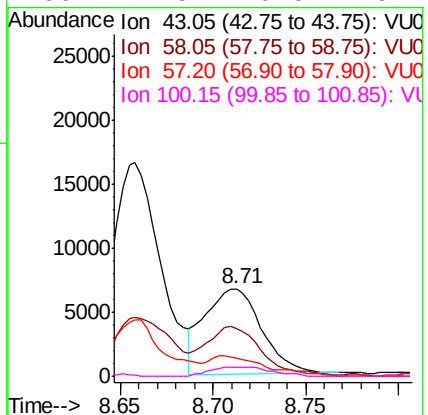
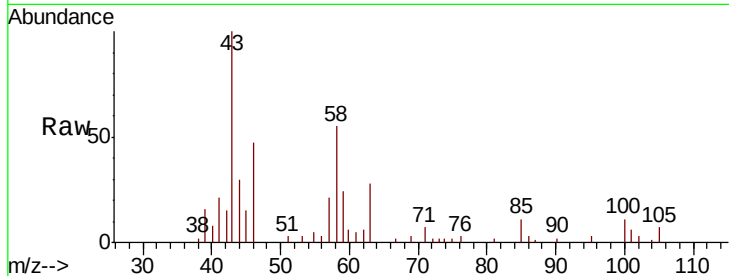




#48
 2-Hexanone
 Concen: 1.253 ug/L
 RT: 8.71 min Scan# 2293
 Delta R.T. 0.01 min
 Lab File: VU038594.D
 Acq: 06 Jun 2020 02:09

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D02

Tot Ion: 43 Resp: 14187
 Ion Ratio Lower Upper
 43 100
 58 58.3 45.4 68.0
 57 24.2 15.9 23.9#
 100 11.5 10.5 15.7



#59
 1,2,3-Trichloropropane
 Concen: 1.220 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.99 min
 Lab File: VU038594.D
 Acq: 06 Jun 2020 02:09

Tgt Ion: 75 Resp: 19024
 Ion Ratio Lower Upper
 75 100
 77 41.2 25.4 38.2#

