

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U060920\
 Data File : VU038711.D
 Acq On : 09 Jun 2020 10:18
 Operator : SY/MD
 Sample : L2913-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9E53

Quant Time: Jun 10 00:35:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 00:33:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	712005	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	674357	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	323779	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	223575	56.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	112.40%
7) Chloroethane-d5	1.93	69	176217	57.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	114.20%
11) 1,1-Dichloroethene-d2	2.59	63	334101	38.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.08%
21) 2-Butanone-d5	4.66	46	428913	110.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.83%
24) Chloroform-d	5.10	84	422258	49.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.46%
26) 1,2-Dichloroethane-d4	5.74	65	286045	50.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.64%
32) Benzene-d6	5.76	84	891127	54.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.72%
36) 1,2-Dichloropropane-d6	6.72	67	277575	55.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.90%
41) Toluene-d8	7.92	98	784865	53.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.94%
43) trans-1,3-Dichloropropene-	8.20	79	126141	50.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.10%
47) 2-Hexanone-d5	8.66	63	315564	118.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.42%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	392738	52.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.18%
64) 1,2-Dichlorobenzene-d4	12.20	152	311263	55.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.74%

Target Compounds

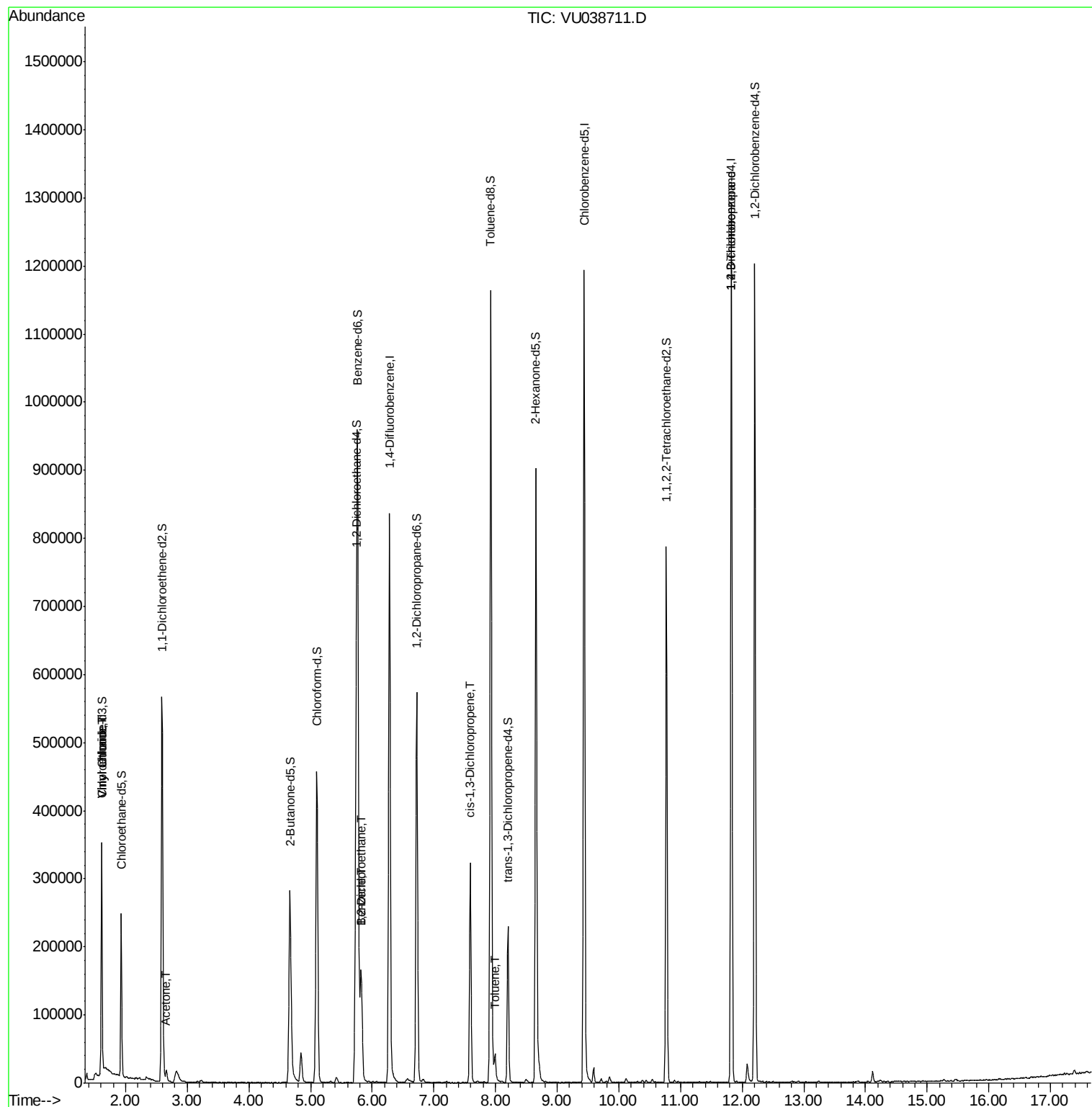
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.62	62	6373	1.119	ug/L #	1
8) Chloroethane	1.62	64	12820	3.847	ug/L	91
13) Acetone	2.66	43	19941	6.394	ug/L	96
27) 1,2-Dichloroethane	5.83	62	88268	11.409	ug/L	99
33) Benzene	5.81	78	100797	5.033	ug/L	100
39) cis-1,3-Dichloropropene	7.59	75	7789	0.968	ug/L #	62
42) Toluene	7.99	91	23609	1.128	ug/L	97
59) 1,2,3-Trichloropropane	11.83	75	40661	5.557	ug/L	91

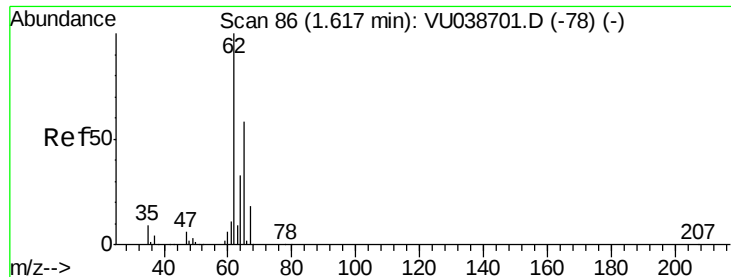
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.119 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU038711.D

Acq: 09 Jun 2020 10:18

Instrument :

MSVOA_U

ClientSampleId :

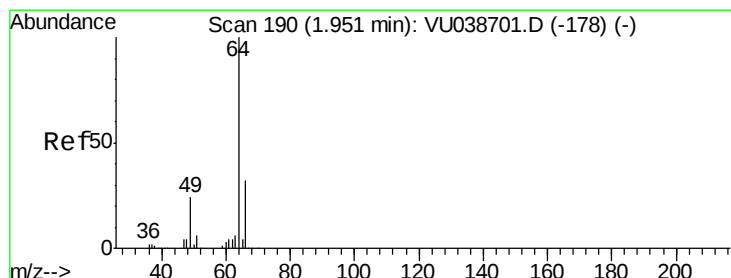
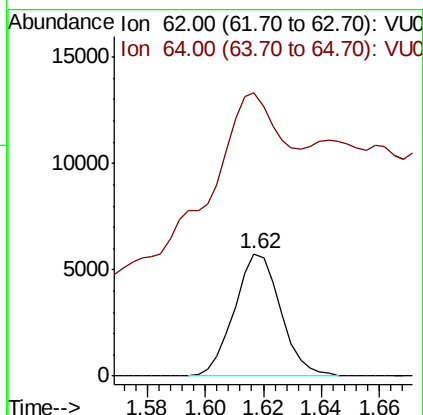
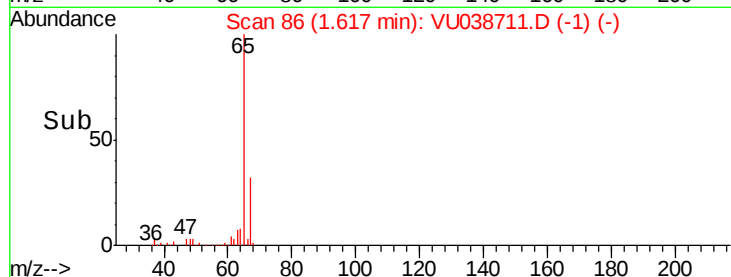
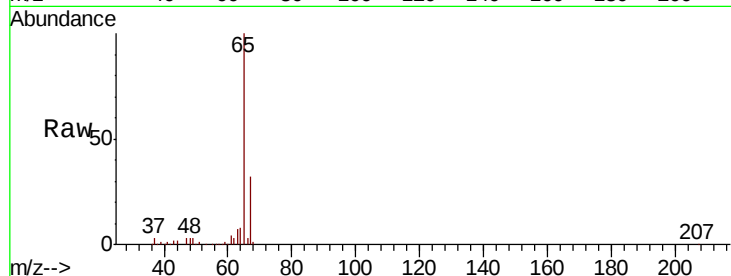
F9E53

Tot Ion: 62 Resp: 6373

Ion Ratio Lower Upper

62 100

64 231.5 23.0 42.8#



#8

Chloroethane

Concen: 3.847 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.33 min

Lab File: VU038711.D

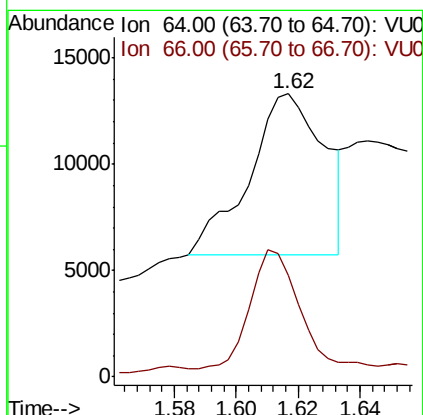
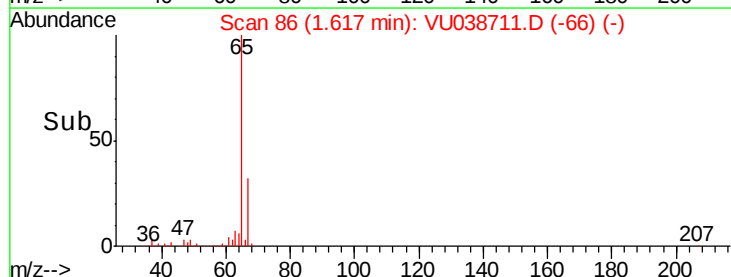
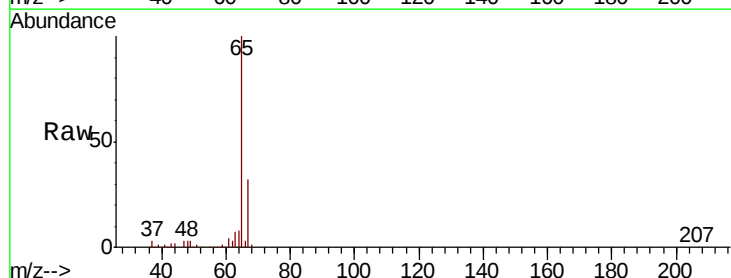
Acq: 09 Jun 2020 10:18

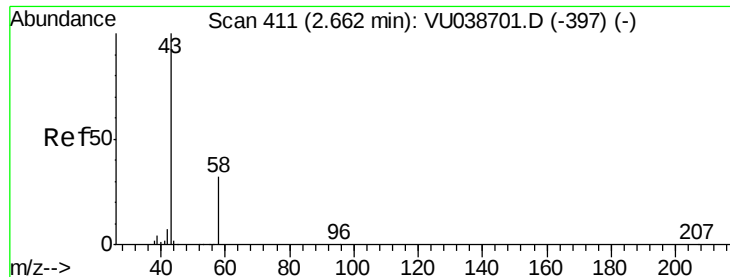
Tgt Ion: 64 Resp: 12820

Ion Ratio Lower Upper

64 100

66 35.9 21.6 40.2





#13

Acetone

Concen: 6.394 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

Lab File: VU038711.D

Acq: 09 Jun 2020 10:18

Instrument :

MSVOA_U

ClientSampled :

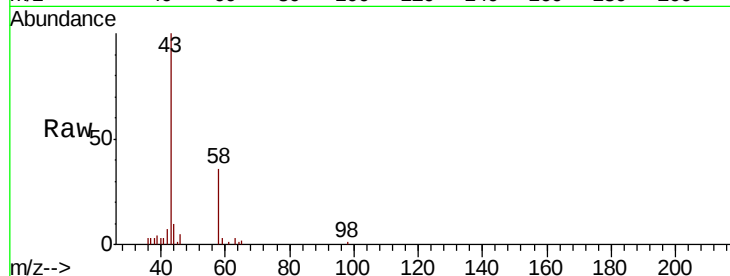
F9E53

Tot Ion: 43 Resp: 19941

Ion Ratio Lower Upper

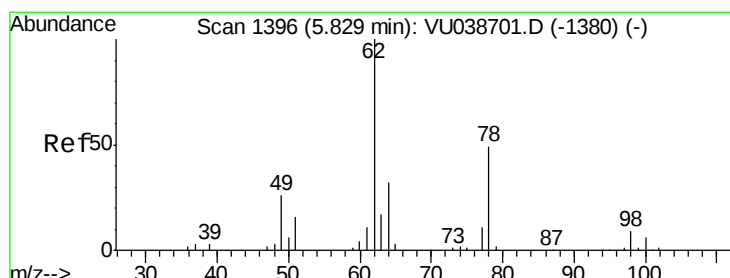
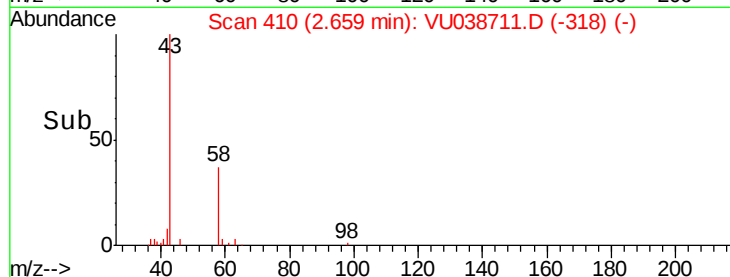
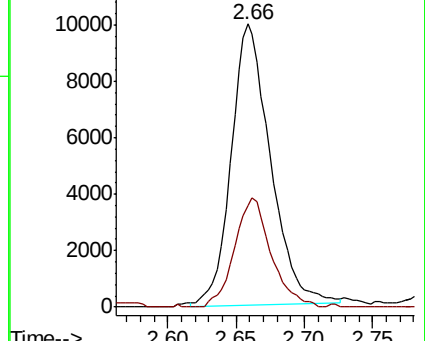
43 100

58 36.1 0.0 67.6



Abundance Ion 43.00 (42.70 to 43.70): VU038711.D (-397) (-)

Ion 58.00 (57.70 to 58.70): VU038711.D (-397) (-)



#27

1,2-Dichloroethane

Concen: 11.409 ug/L

RT: 5.83 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VU038711.D

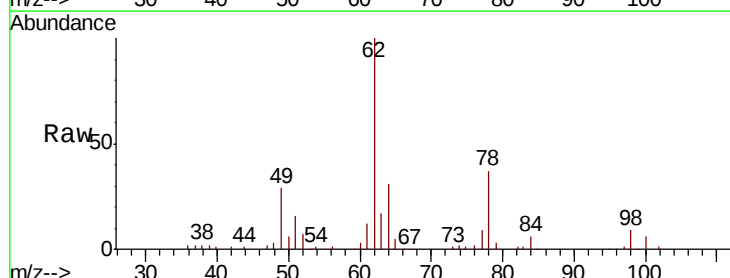
Acq: 09 Jun 2020 10:18

Tgt Ion: 62 Resp: 88268

Ion Ratio Lower Upper

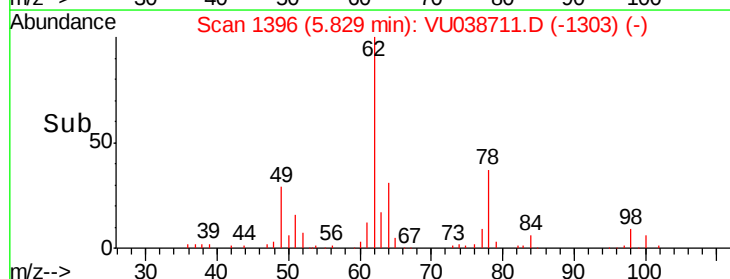
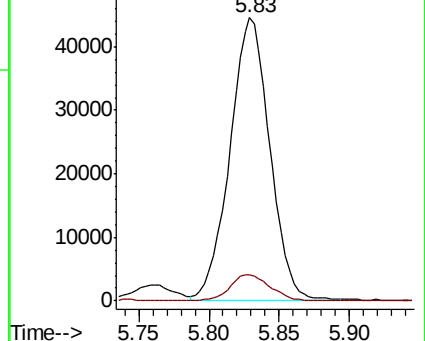
62 100

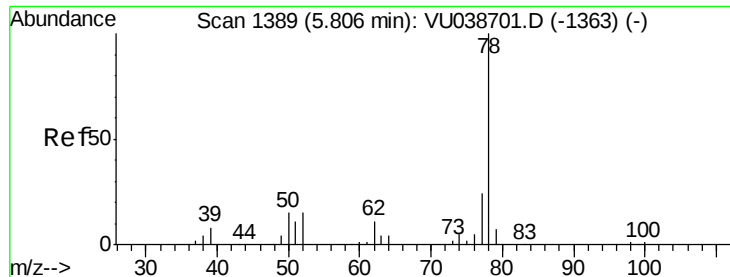
98 9.4 7.8 11.6



Abundance Ion 62.00 (61.70 to 62.70): VU038711.D (-1380) (-)

Ion 98.00 (97.70 to 98.70): VU038711.D (-1380) (-)





#33

Benzene

Concen: 5.033 ug/L

RT: 5.81 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VU038711.D

Acq: 09 Jun 2020 10:18

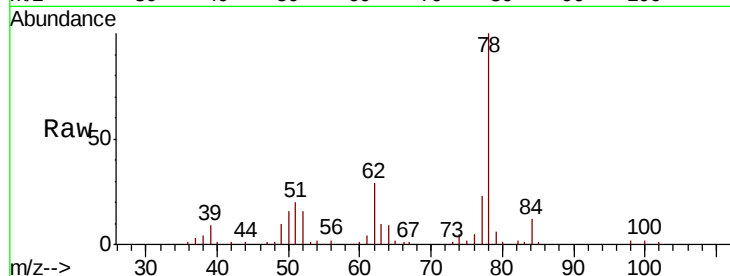
Instrument :

MSVOA_U

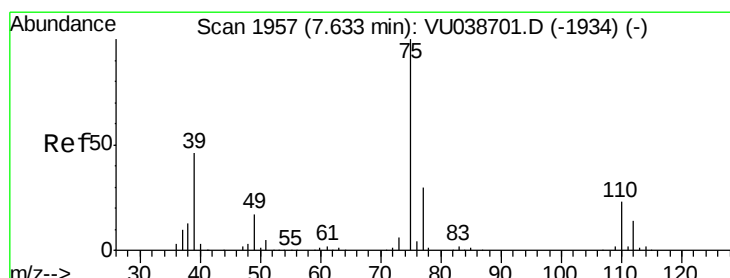
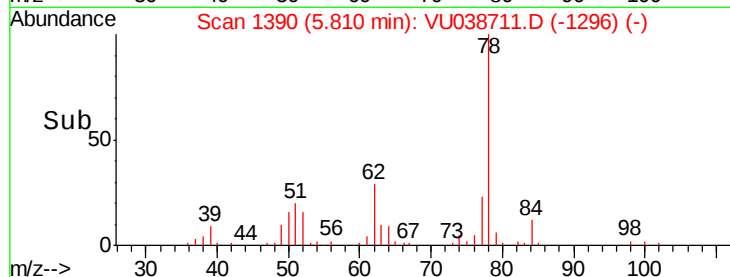
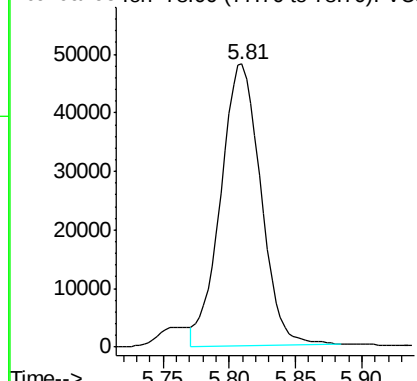
ClientSampleId :

F9E53

Tgt Ion: 78 Resp: 100797



Abundance Ion 78.00 (77.70 to 78.70): VU0



#39

cis-1,3-Dichloropropene

Concen: 0.968 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU038711.D

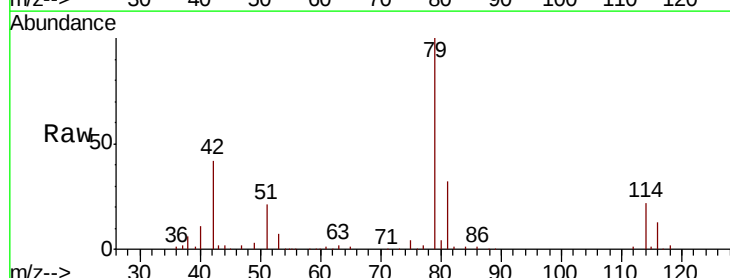
Acq: 09 Jun 2020 10:18

Tgt Ion: 75 Resp: 7789

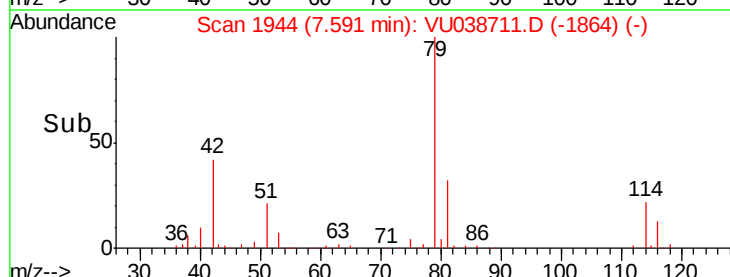
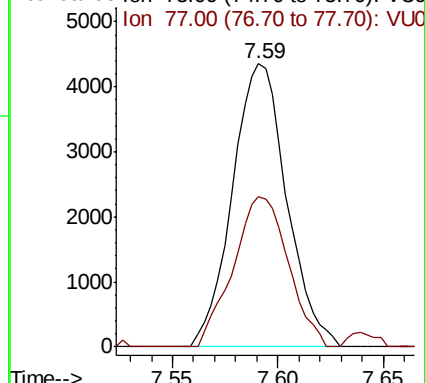
Ion Ratio Lower Upper

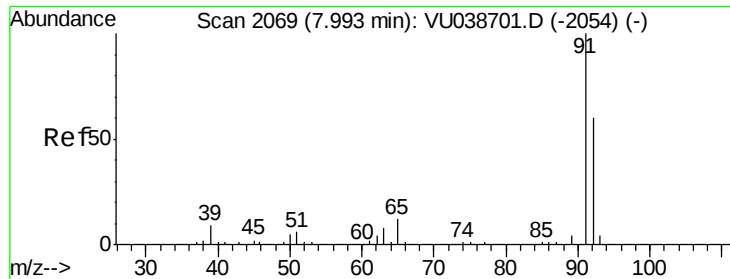
75 100

77 52.9 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0





#42

Toluene

Concen: 1.128 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. 0.00 min

Lab File: VU038711.D

Acq: 09 Jun 2020 10:18

Instrument :

MSVOA_U

ClientSampleId :

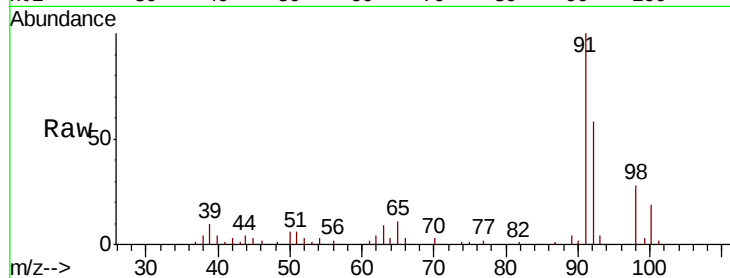
F9E53

Tot Ion: 91 Resp: 23609

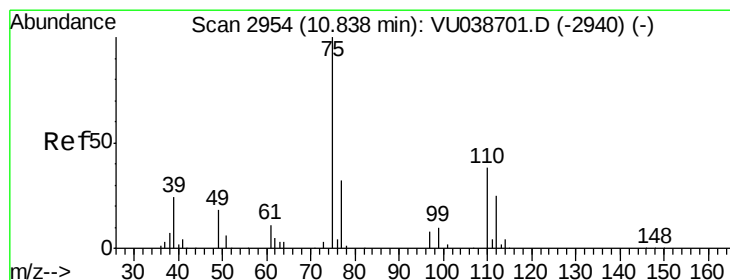
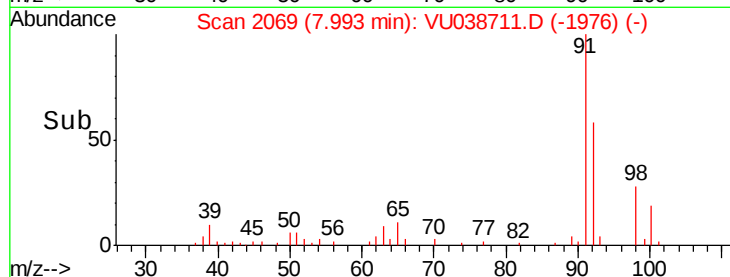
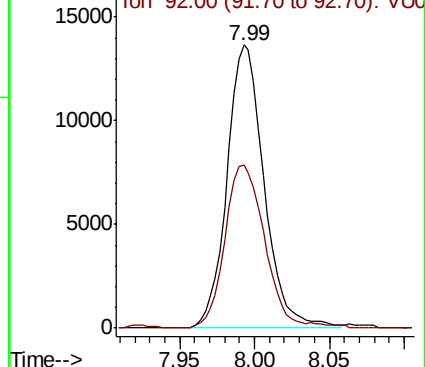
Ion Ratio Lower Upper

91 100

92 57.8 42.2 78.4



Abundance Ion 91.00 (90.70 to 91.70): VU038711.D (-1976) (-)



#59

1,2,3-Trichloropropane

Concen: 5.557 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU038711.D

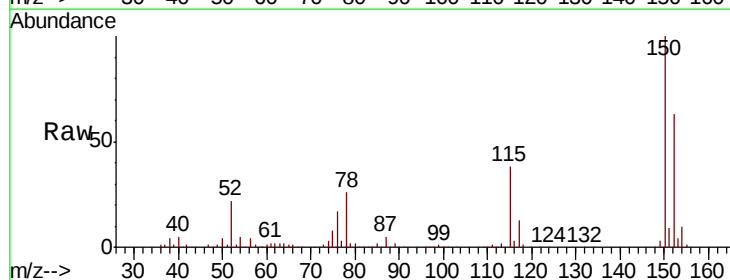
Acq: 09 Jun 2020 10:18

Tgt Ion: 75 Resp: 40661

Ion Ratio Lower Upper

75 100

77 36.8 25.3 37.9



Abundance Ion 75.00 (74.70 to 75.70): VU038711.D (-2332) (-)

