

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061020\
 Data File : VU038750.D
 Acq On : 10 Jun 2020 01:46
 Operator : SY/MD
 Sample : L2897-22
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW0M1

Quant Time: Jun 10 05:13:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 05:09:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	533787	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	526439	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	247531	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	138357	46.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.78%
7) Chloroethane-d5	1.93	69	123178	53.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.48%
11) 1,1-Dichloroethene-d2	2.59	63	242579	37.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.64%
21) 2-Butanone-d5	4.66	46	330154	113.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.79%
24) Chloroform-d	5.10	84	334344	52.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	5.74	65	231613	54.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.70%
32) Benzene-d6	5.76	84	674426	53.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.36%
36) 1,2-Dichloropropane-d6	6.72	67	210573	53.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.76%
41) Toluene-d8	7.92	98	583153	50.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.78%
43) trans-1,3-Dichloropropene-	8.20	79	97660	49.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.26%
47) 2-Hexanone-d5	8.65	63	232136	111.59	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.59%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	308597	52.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.88%
64) 1,2-Dichlorobenzene-d4	12.20	152	241751	56.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.50%

Target Compounds

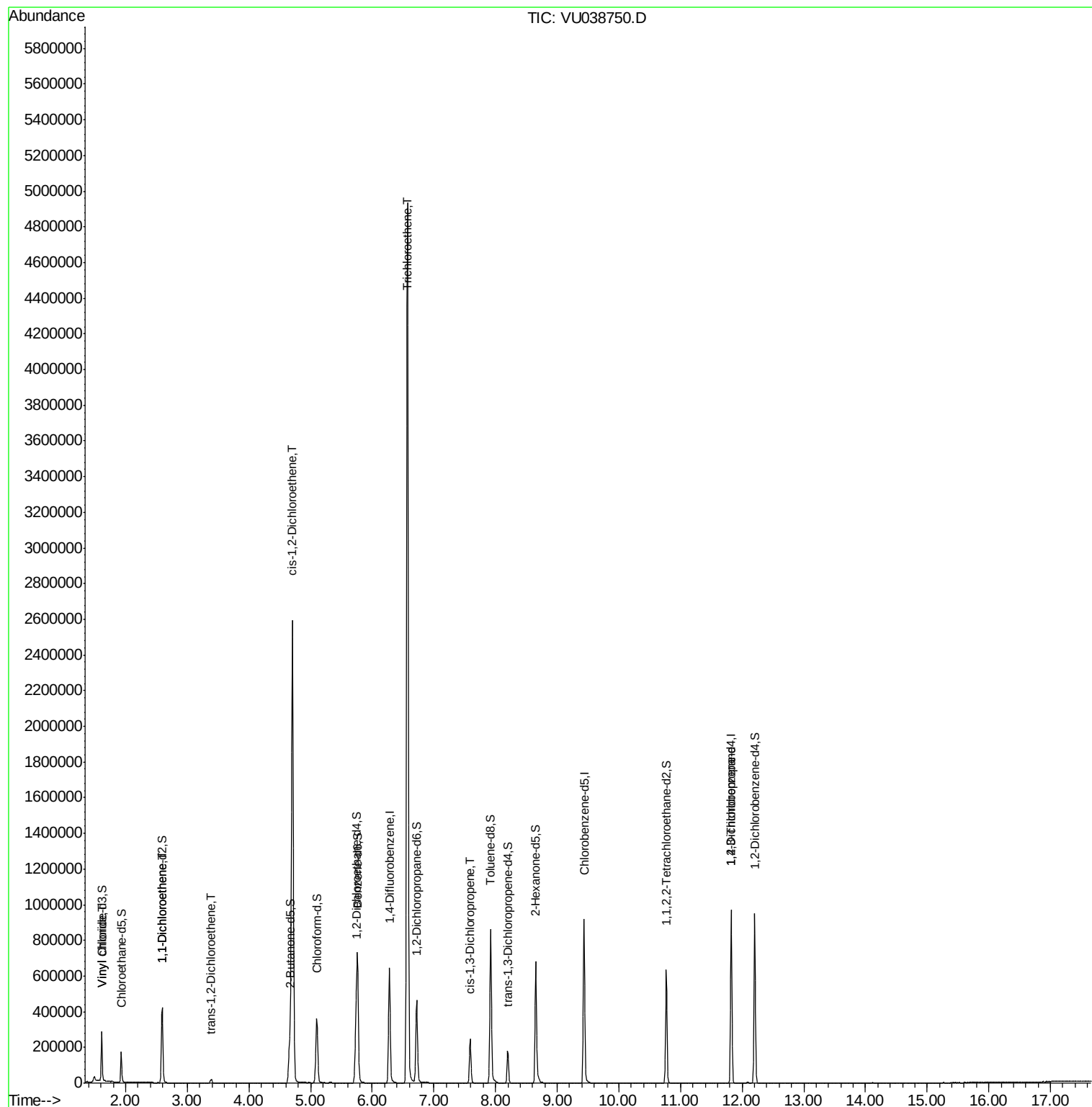
					Ovalue
5) Vinyl chloride	1.62	62	53048	12.422 ug/L #	69
12) 1,1-Dichloroethene	2.60	96	10139	3.001 ug/L #	1
17) trans-1,2-Dichloroethene	3.39	96	8674	2.346 ug/L	97
20) cis-1,2-Dichloroethene	4.71	96	1331145	325.701 ug/L	98
34) Trichloroethene	6.57	95	1677215	421.840 ug/L	99
39) cis-1,3-Dichloropropene	7.59	75	6264	0.997 ug/L #	44
59) 1,2,3-Trichloropropane	11.82	75	30614	5.360 ug/L	90

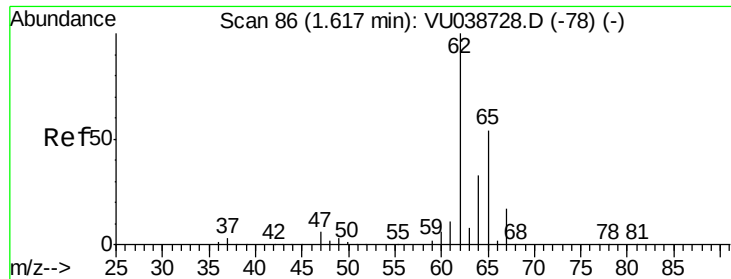
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 10 05:09:22 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 12.422 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

Lab File: VU038750.D

Acq: 10 Jun 2020 01:46

Instrument :

MSVOA_U

ClientSampled :

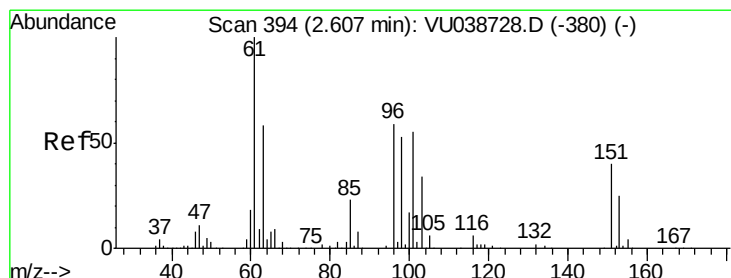
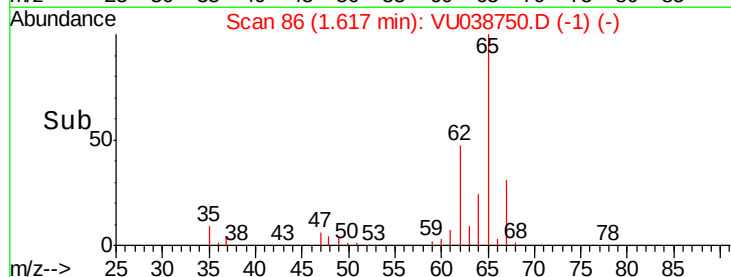
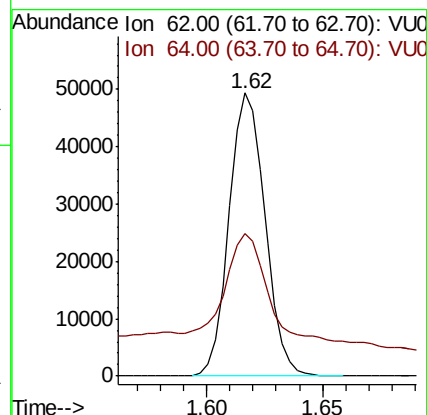
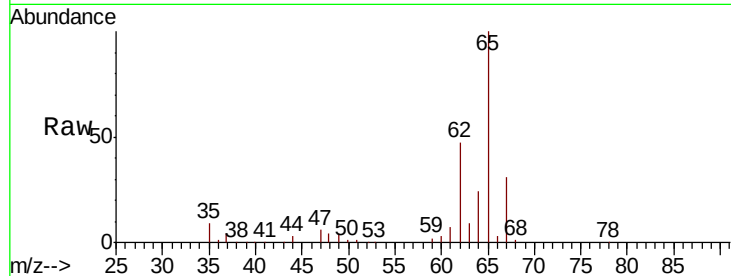
EW0M1

Tot Ion: 62 Resp: 53048

Ion Ratio Lower Upper

62 100

64 50.4 23.0 42.8#



#12

1,1-Dichloroethene

Concen: 3.001 ug/L

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU038750.D

Acq: 10 Jun 2020 01:46

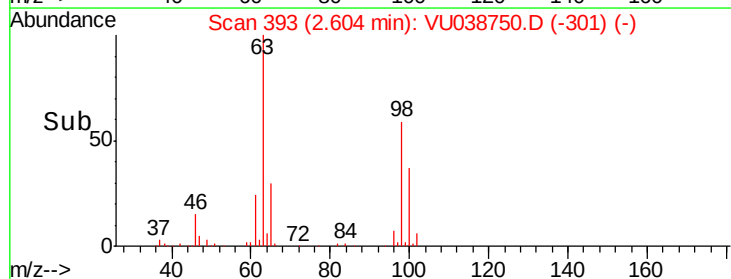
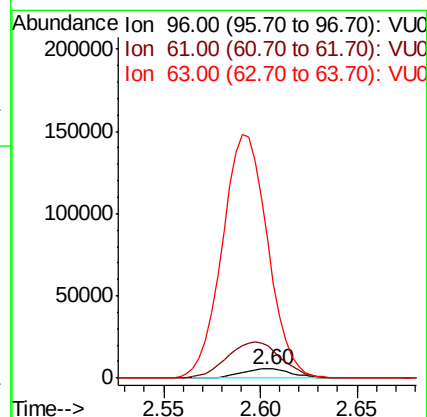
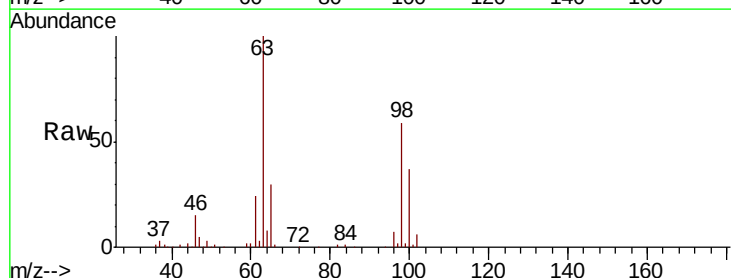
Tgt Ion: 96 Resp: 10139

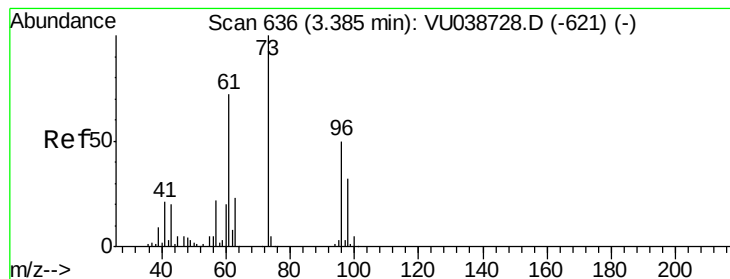
Ion Ratio Lower Upper

96 100

61 348.5 120.0 223.0#

63 1481.3 75.8 140.8#





#17

trans-1,2-Dichloroethene

Concen: 2.346 ug/L

RT: 3.39 min Scan# 637

Delta R.T. 0.00 min

Lab File: VU038750.D

Acq: 10 Jun 2020 01:46

Instrument :

MSVOA_U

ClientSampleId :

EW0M1

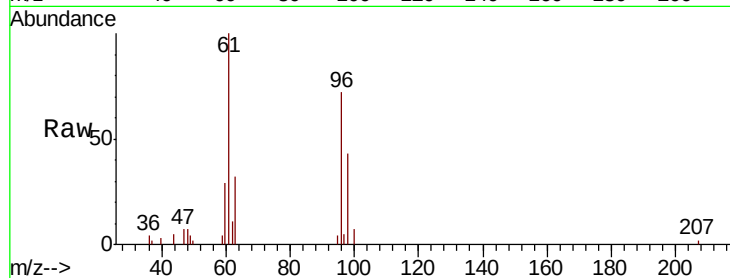
Tot Ion: 96 Resp: 8674

Ion Ratio Lower Upper

96 100

61 138.0 98.2 182.4

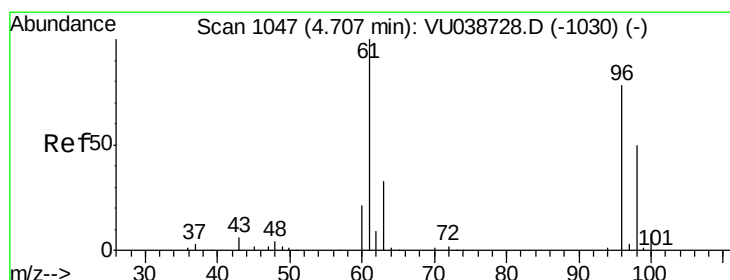
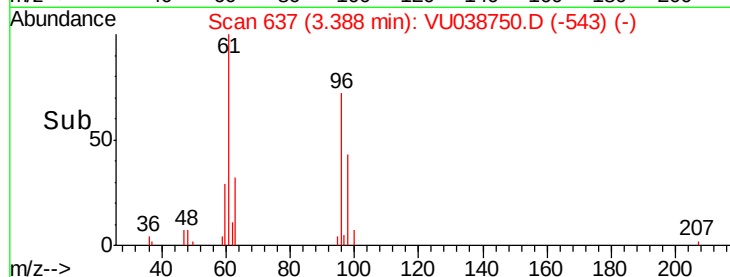
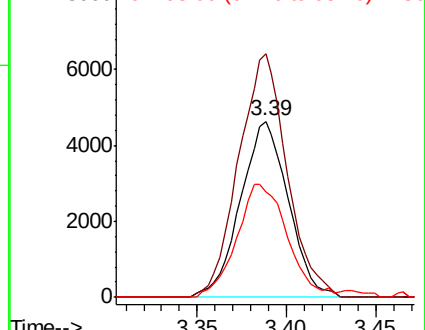
98 60.0 44.3 82.3



Abundance Ion 96.00 (95.70 to 96.70): VU038728.D (-621) (-)

Ion 61.00 (60.70 to 61.70): VU038728.D (-621) (-)

Ion 98.00 (97.70 to 98.70): VU038728.D (-621) (-)



#20

cis-1,2-Dichloroethene

Concen: 325.701 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

Lab File: VU038750.D

Acq: 10 Jun 2020 01:46

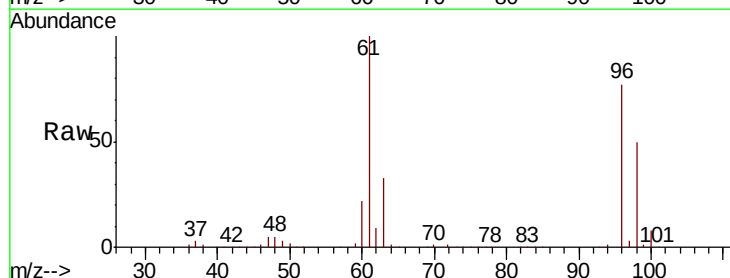
Tgt Ion: 96 Resp: 1331145

Ion Ratio Lower Upper

96 100

61 129.8 89.5 166.1

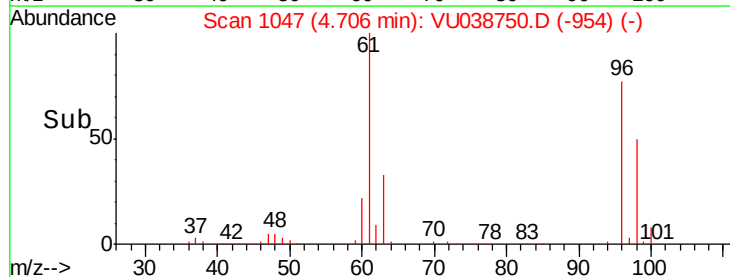
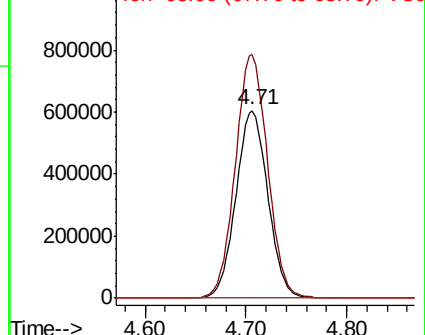
68 0.0 0.0 0.0

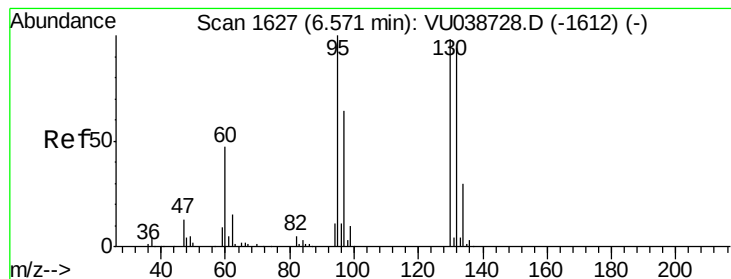


Abundance Ion 96.00 (95.70 to 96.70): VU038728.D (-1030) (-)

Ion 61.00 (60.70 to 61.70): VU038728.D (-1030) (-)

Ion 68.00 (67.70 to 68.70): VU038728.D (-1030) (-)





#34

Trichloroethene

Concen: 421.840 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU038750.D

Acq: 10 Jun 2020 01:46

Instrument :

MSVOA_U

ClientSampleId :

EW0M1

Tot Ion: 95 Resp: 1677215

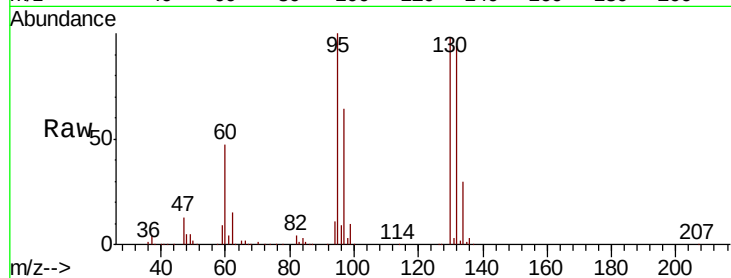
Ion Ratio Lower Upper

95 100

97 64.1 44.4 82.4

132 94.0 64.9 120.5

130 98.4 68.6 127.4

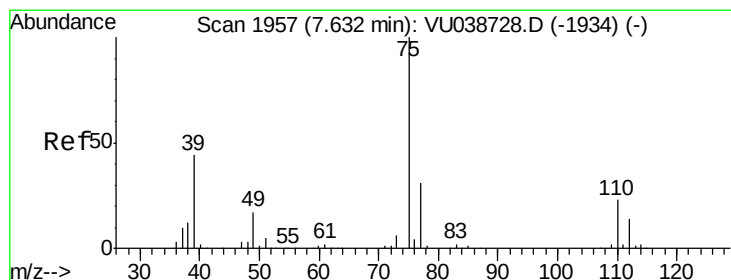
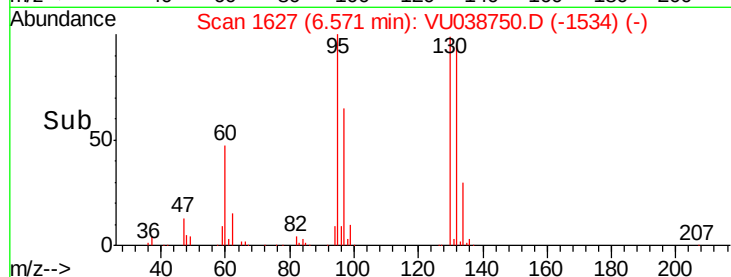
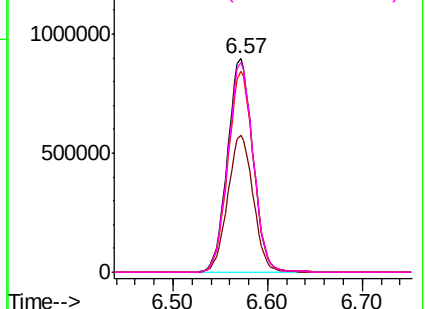


Abundance Ion 95.00 (94.70 to 95.70): VU038728.D (-1612) (-)

Ion 97.00 (96.70 to 97.70): VU038728.D (-1612) (-)

Ion 132.00 (131.70 to 132.70): VU038728.D (-1612) (-)

Ion 130.00 (129.70 to 130.70): VU038728.D (-1612) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.997 ug/L

RT: 7.59 min Scan# 1943

Delta R.T. -0.05 min

Lab File: VU038750.D

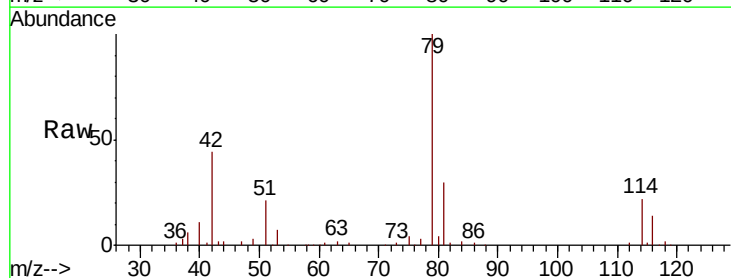
Acq: 10 Jun 2020 01:46

Tgt Ion: 75 Resp: 6264

Ion Ratio Lower Upper

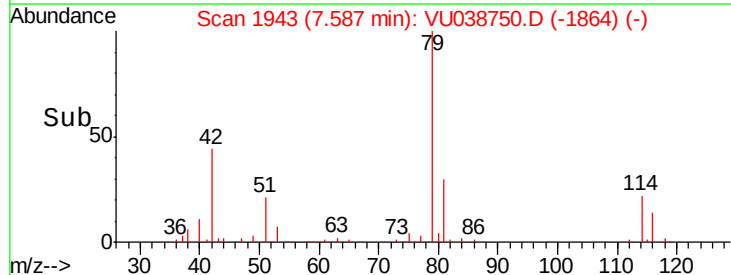
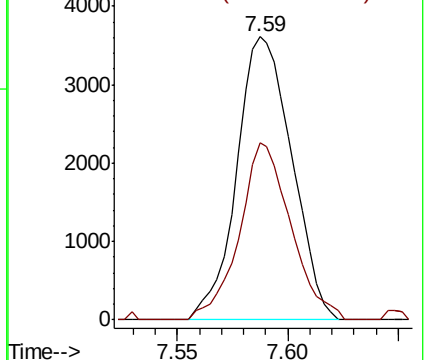
75 100

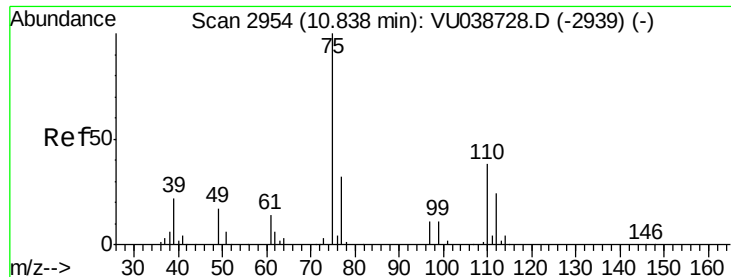
77 62.7 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VU038728.D (-1934) (-)

Ion 77.00 (76.70 to 77.70): VU038728.D (-1934) (-)





#59

1,2,3-Trichloropropane

Concen: 5.360 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038750.D

Acq: 10 Jun 2020 01:46

Instrument :

MSVOA_U

ClientSampleId :

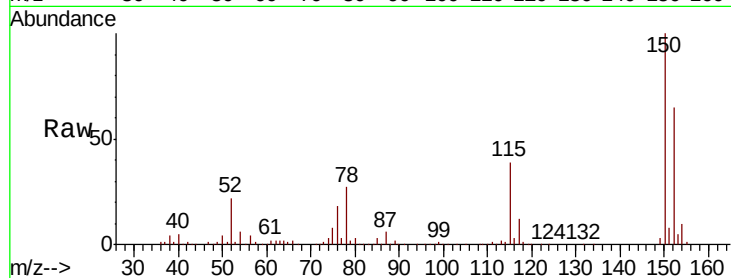
EW0M1

Tot Ion: 75 Resp: 30614

Ion Ratio Lower Upper

75 100

77 37.2 25.3 37.9



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

