

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060920\
 Data File : VU038688.D
 Acq On : 08 Jun 2020 23:38
 Operator : SY/MD
 Sample : L2896-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW0H9

Quant Time: Jun 09 06:14:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 06:12:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	432696	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	424444	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	189422	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	202774	83.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	167.76%#
7) Chloroethane-d5	1.93	69	145446	77.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	155.12%#
11) 1,1-Dichloroethene-d2	2.59	63	296068	56.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	112.38%
21) 2-Butanone-d5	4.67	46	361721	153.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	153.80%#
24) Chloroform-d	5.10	84	364229	69.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	139.76%#
26) 1,2-Dichloroethane-d4	5.74	65	247352	71.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	143.20%#
32) Benzene-d6	5.76	84	753455	73.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	147.38%#
36) 1,2-Dichloropropane-d6	6.72	67	228915	72.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	145.30%#
41) Toluene-d8	7.92	98	652402	70.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	141.22%#
43) trans-1,3-Dichloropropene-	8.20	79	108904	68.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	137.30%#
47) 2-Hexanone-d5	8.65	63	261547	155.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	155.94%#
57) 1,1,2,2-Tetrachloroethane-	10.77	84	330276	70.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	140.54%#
64) 1,2-Dichlorobenzene-d4	12.20	152	256839	78.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	156.20%#

Target Compounds

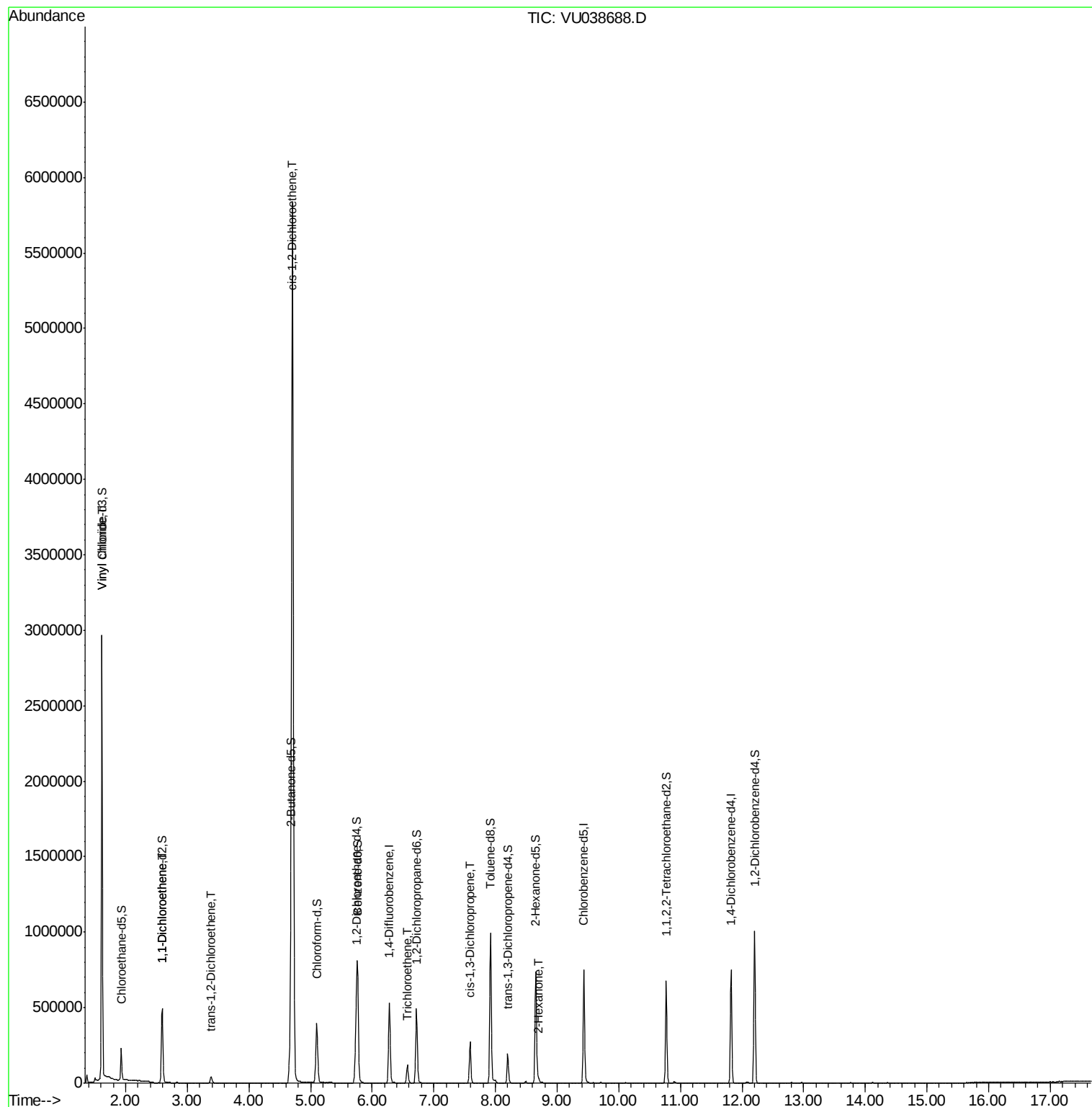
					Ovalue
5) Vinyl chloride	1.62	62	1752516	506.245 ug/L	99
12) 1,1-Dichloroethene	2.60	96	8911	3.254 ug/L #	1
17) trans-1,2-Dichloroethene	3.39	96	18108	6.042 ug/L	96
20) cis-1,2-Dichloroethene	4.71	96	2994286	903.800 ug/L	97
34) Trichloroethene	6.57	95	39622	12.360 ug/L	95
39) cis-1,3-Dichloropropene	7.59	75	6358	1.255 ug/L #	71
48) 2-Hexanone	8.70	43	11688	2.754 ug/L #	87

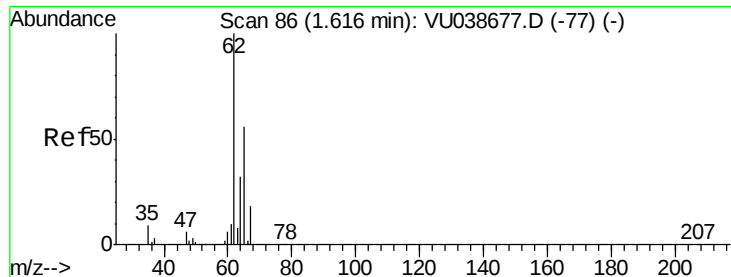
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 506.245 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU038688.D

Acq: 08 Jun 2020 23:38

Instrument :

MSVOA_U

ClientSampleId :

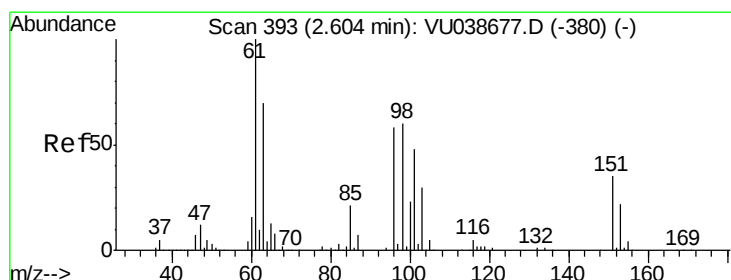
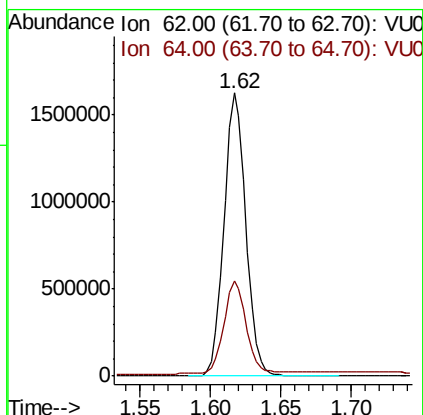
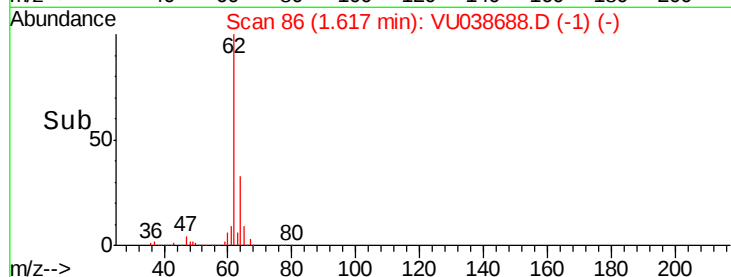
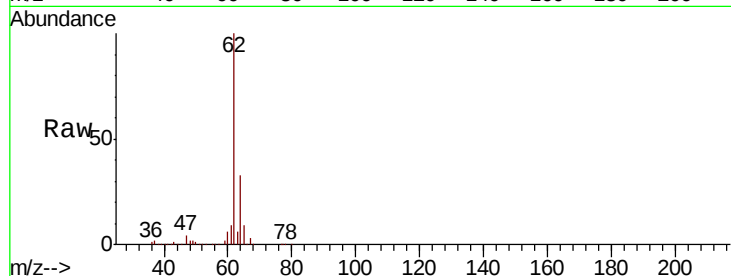
EW0H9

Tot Ion: 62 Resp: 1752516

Ion Ratio Lower Upper

62 100

64 33.5 23.0 42.8



#12

1,1-Dichloroethene

Concen: 3.254 ug/L

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU038688.D

Acq: 08 Jun 2020 23:38

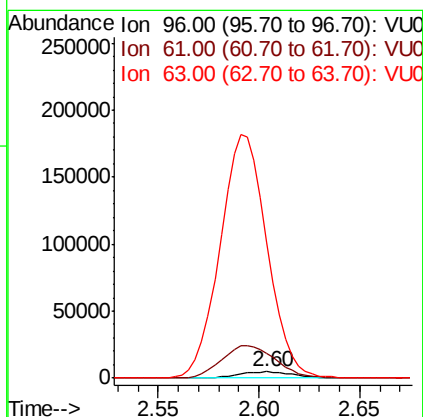
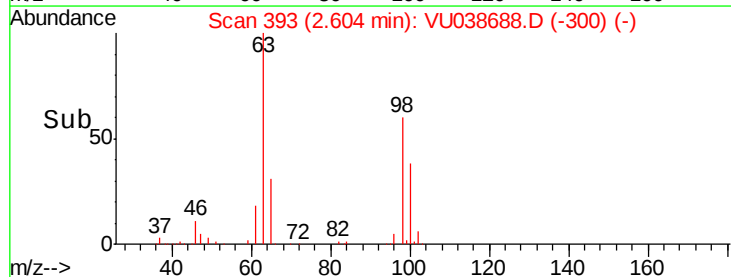
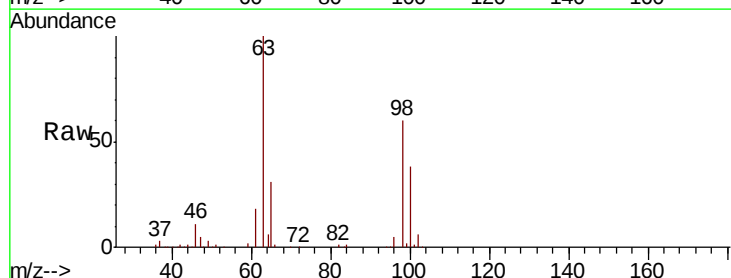
Tgt Ion: 96 Resp: 8911

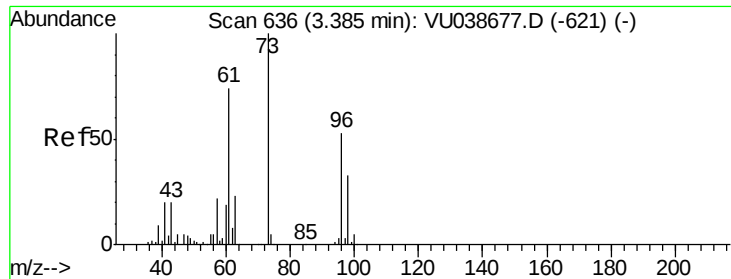
Ion Ratio Lower Upper

96 100

61 397.7 120.0 223.0#

63 2180.7 75.8 140.8#





#17

trans-1,2-Dichloroethene

Concen: 6.042 ug/L

RT: 3.39 min Scan# 637

Delta R.T. 0.00 min

Lab File: VU038688.D

Acq: 08 Jun 2020 23:38

Instrument :

MSVOA_U

ClientSampleId :

EW0H9

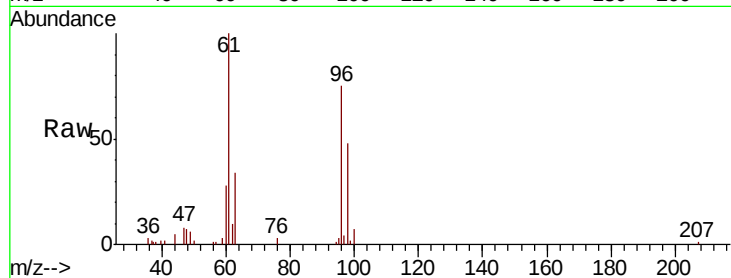
Tot Ion: 96 Resp: 18108

Ion Ratio Lower Upper

96 100

61 133.1 98.2 182.4

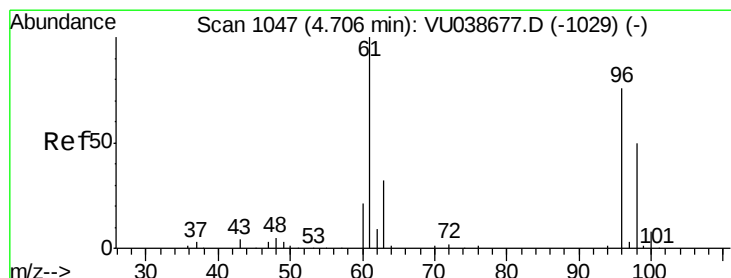
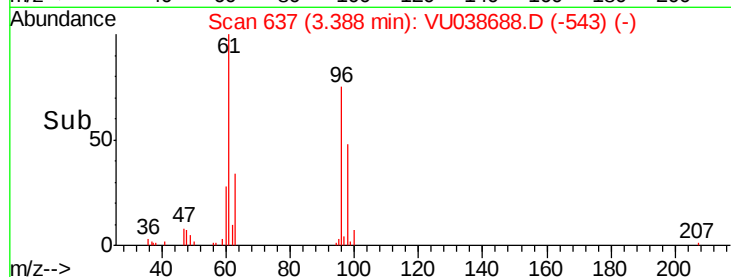
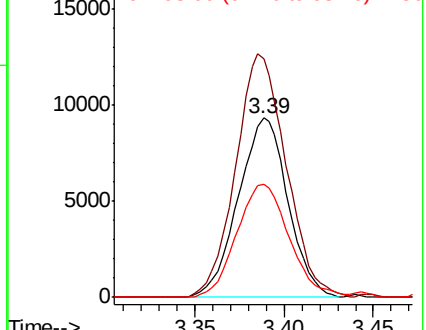
98 63.3 44.3 82.3



Abundance Ion 96.00 (95.70 to 96.70): VU038677.D (-621) (-)

Ion 61.00 (60.70 to 61.70): VU038677.D (-621) (-)

Ion 98.00 (97.70 to 98.70): VU038677.D (-621) (-)



#20

cis-1,2-Dichloroethene

Concen: 903.800 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU038688.D

Acq: 08 Jun 2020 23:38

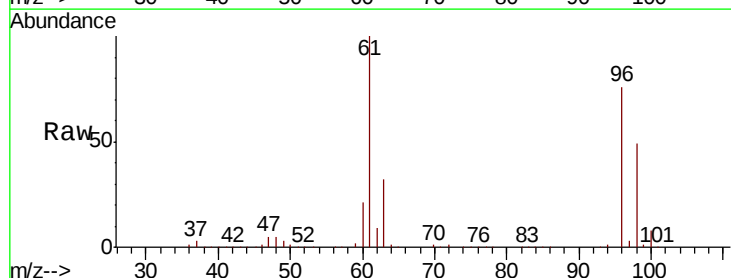
Tgt Ion: 96 Resp: 2994286

Ion Ratio Lower Upper

96 100

61 131.0 89.5 166.1

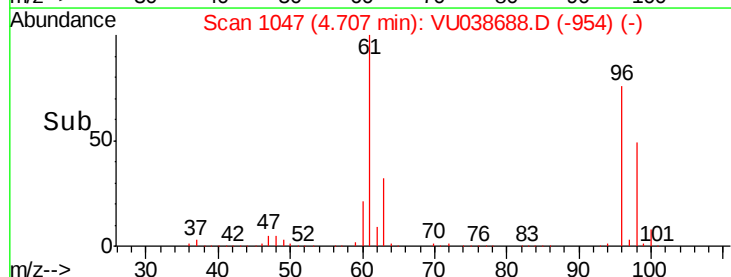
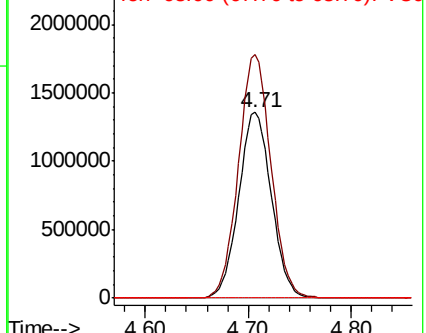
68 0.0 0.0 0.0

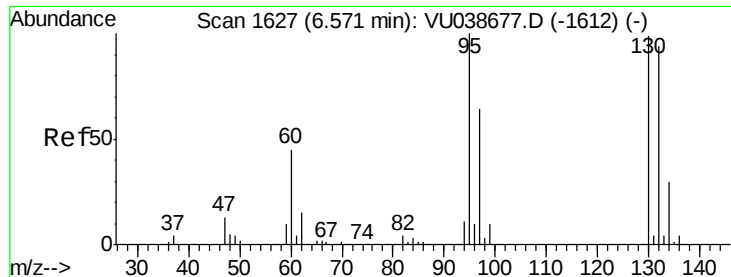


Abundance Ion 96.00 (95.70 to 96.70): VU038677.D (-1029) (-)

Ion 61.00 (60.70 to 61.70): VU038677.D (-1029) (-)

Ion 68.00 (67.70 to 68.70): VU038677.D (-1029) (-)

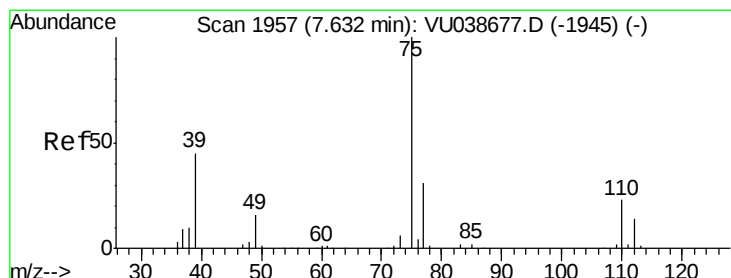
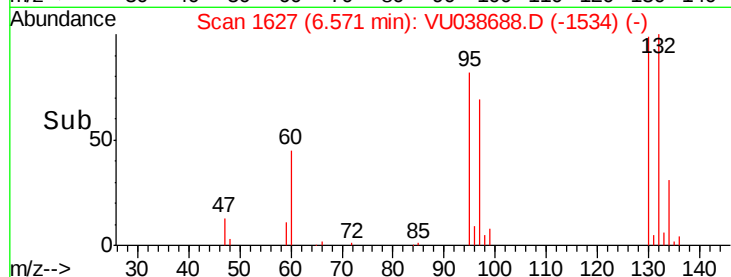
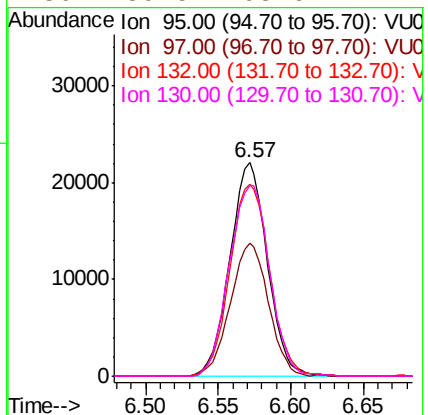
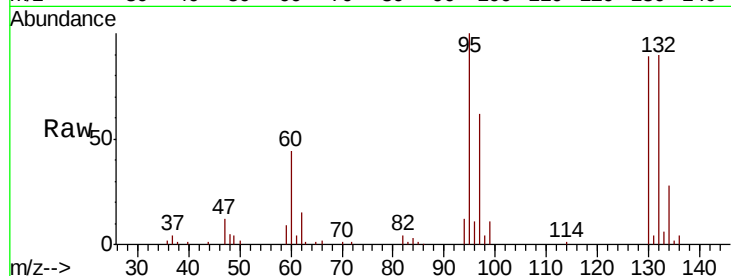




#34
 Trichloroethene
 Concen: 12.360 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU038688.D
 Acq: 08 Jun 2020 23:38

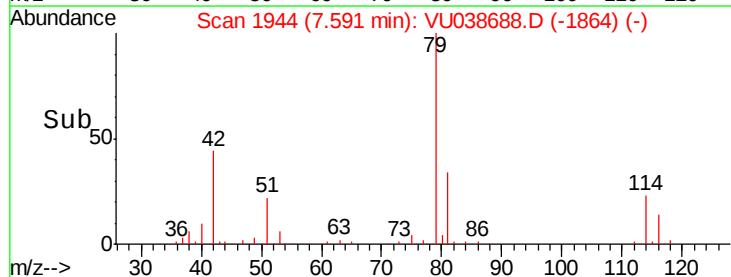
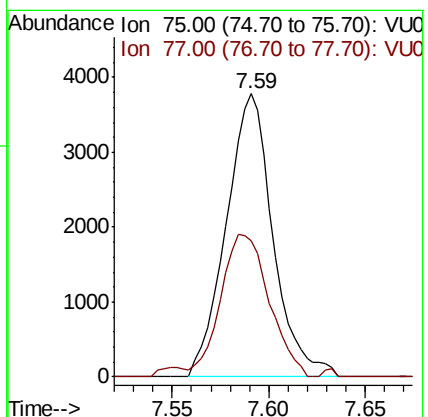
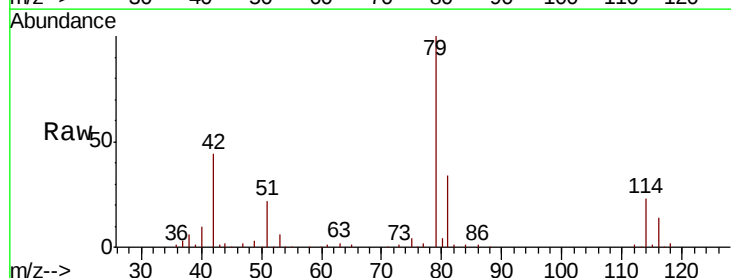
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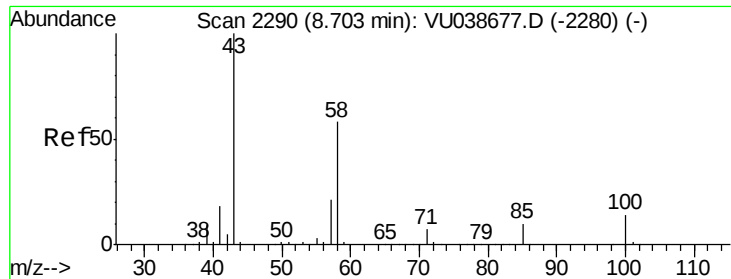
Tot Ion: 95 Resp: 39622
 Ion Ratio Lower Upper
 95 100
 97 62.4 44.4 82.4
 132 90.0 64.9 120.5
 130 89.5 68.6 127.4



#39
 cis-1,3-Dichloropropene
 Concen: 1.255 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038688.D
 Acq: 08 Jun 2020 23:38

Tgt Ion: 75 Resp: 6358
 Ion Ratio Lower Upper
 75 100
 77 47.9 22.2 41.2#





#48
 2-Hexanone
 Concen: 2.754 ug/L
 RT: 8.70 min Scan# 2290
 Delta R.T. 0.00 min
 Lab File: VU038688.D
 Acq: 08 Jun 2020 23:38

Instrument :
 MSVOA_U
 ClientSampleId :
 EW0H9

Tot Ion: 43 Resp: 11688
 Ion Ratio Lower Upper
 43 100
 58 56.5 46.2 69.4
 57 2.5 16.6 24.8#
 100 5.7 10.6 16.0#

