

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U060920\
 Data File : VU038690.D
 Acq On : 09 Jun 2020 00:23
 Operator : SY/MD
 Sample : L2896-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW0J1

Quant Time: Jun 09 06:14:51 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	578189	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	563278	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	263026	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	191136	59.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	118.34%
7) Chloroethane-d5	1.93	69	146492	58.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	116.92%
11) 1,1-Dichloroethene-d2	2.59	63	285187	40.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.02%
21) 2-Butanone-d5	4.67	46	344613	109.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.65%
24) Chloroform-d	5.10	84	355471	51.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.08%
26) 1,2-Dichloroethane-d4	5.74	65	241916	52.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.82%
32) Benzene-d6	5.76	84	732451	53.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.96%
36) 1,2-Dichloropropane-d6	6.72	67	220687	52.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.56%
41) Toluene-d8	7.92	98	638898	52.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.22%
43) trans-1,3-Dichloropropene-	8.20	79	105533	50.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.26%
47) 2-Hexanone-d5	8.65	63	247722	111.29	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.29%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	316931	50.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.62%
64) 1,2-Dichlorobenzene-d4	12.20	152	255322	55.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.82%

Target Compounds

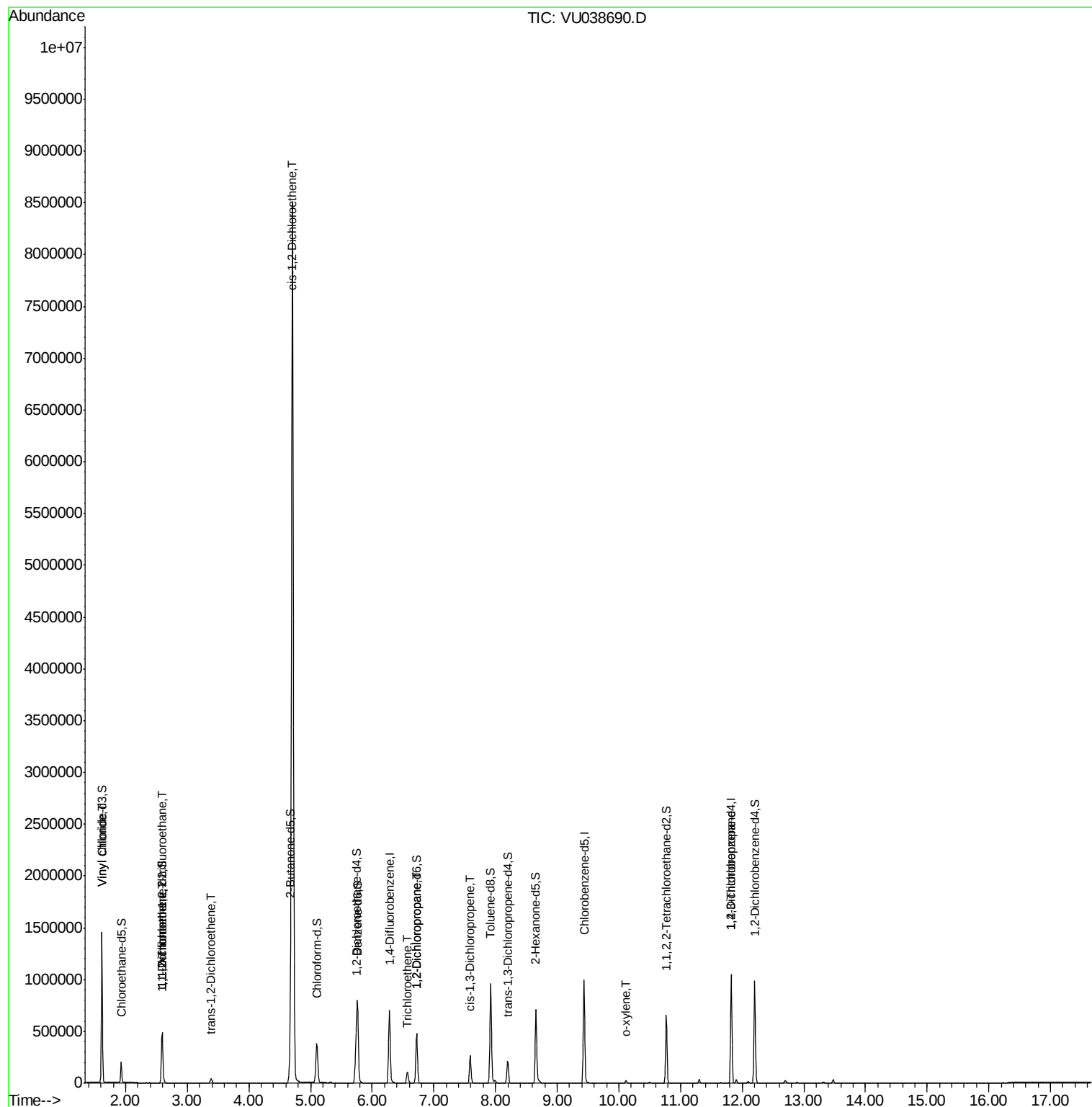
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.62	62	811515	175.432	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2705	0.728	ug/L #	21
12) 1,1-Dichloroethene	2.61	96	8377	2.289	ug/L #	1
17) trans-1,2-Dichloroethene	3.39	96	18437	4.604	ug/L	93
20) cis-1,2-Dichloroethene	4.71	96	4362078	985.338	ug/L	98
34) Trichloroethene	6.57	95	35360	8.312	ug/L	98
37) 1,2-Dichloropropane	6.72	63	24683	5.663	ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	6505	0.968	ug/L #	56
54) o-xylene	10.12	106	6900	0.959	ug/L	99
59) 1,2,3-Trichloropropane	11.82	75	33497	5.481	ug/L	89

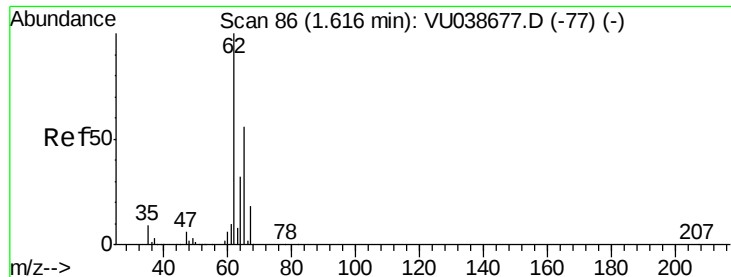
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Jun 09 06:12:02 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 175.432 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU038690.D

Acq: 09 Jun 2020 00:23

Instrument :

MSVOA_U

ClientSampleId :

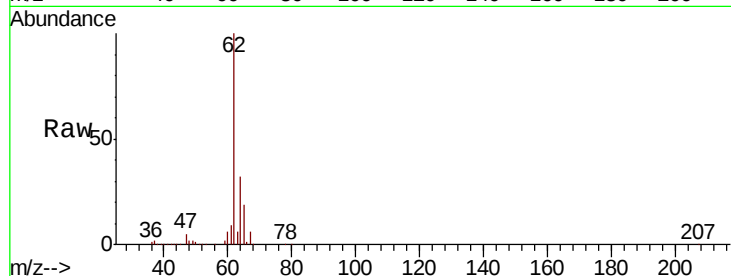
EW0J1

Tot Ion: 62 Resp: 811515

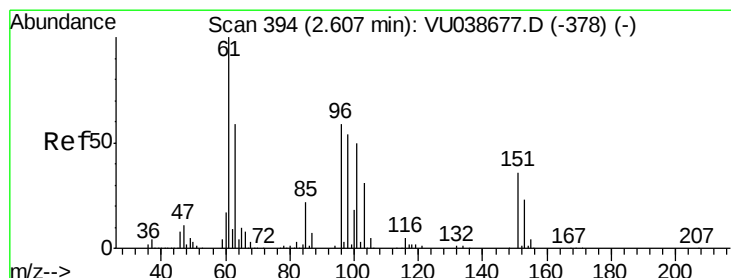
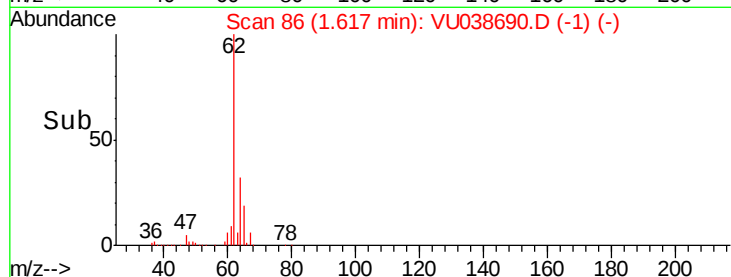
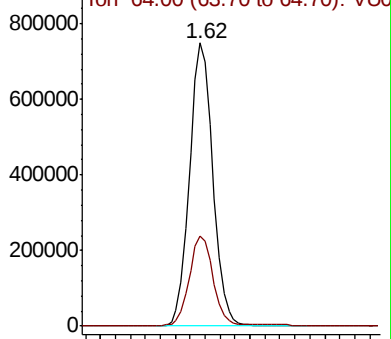
Ion Ratio Lower Upper

62 100

64 32.1 23.0 42.8



Abundance Ion 62.00 (61.70 to 62.70): VU038677.D (-77) (-)



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.728 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU038690.D

Acq: 09 Jun 2020 00:23

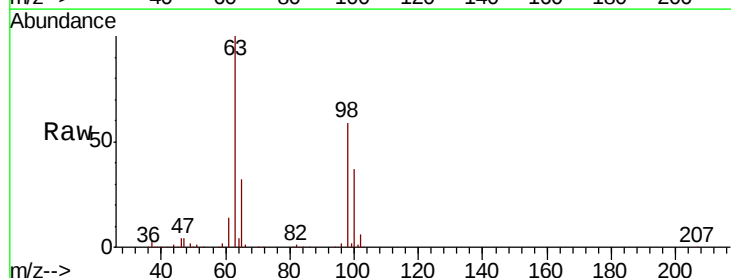
Tgt Ion: 101 Resp: 2705

Ion Ratio Lower Upper

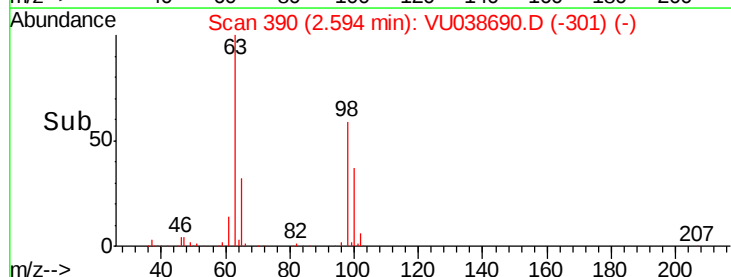
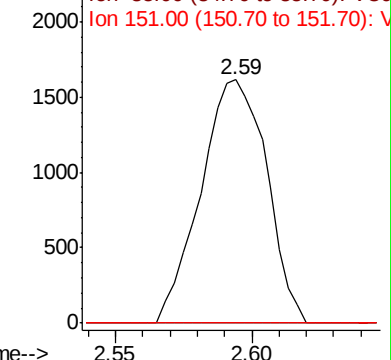
101 100

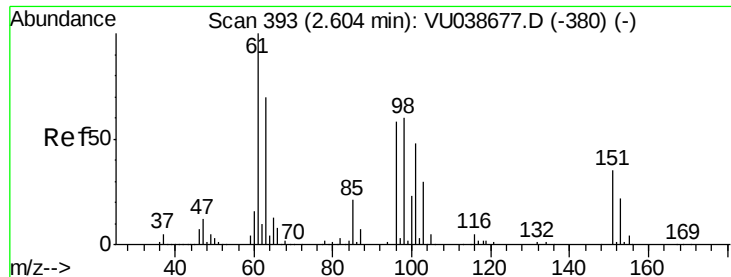
85 0.0 35.1 52.7#

151 0.0 57.4 86.0#



Abundance Ion 101.00 (100.70 to 101.70): VU038677.D (-378) (-)





#12

1,1-Dichloroethene

Concen: 2.289 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU038690.D

Acq: 09 Jun 2020 00:23

Instrument :

MSVOA_U

ClientSampleId :

EW0J1

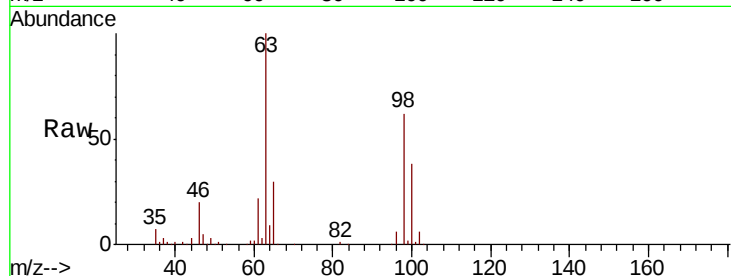
Tot Ion: 96 Resp: 8377

Ion Ratio Lower Upper

96 100

61 356.7 120.0 223.0#

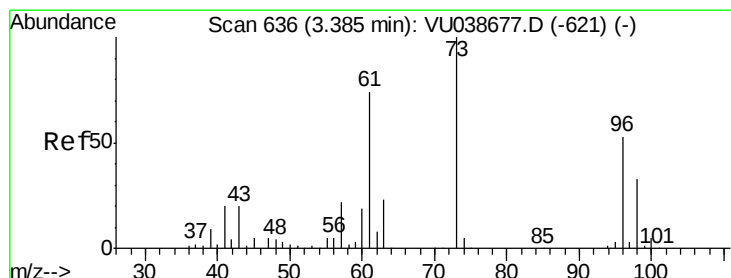
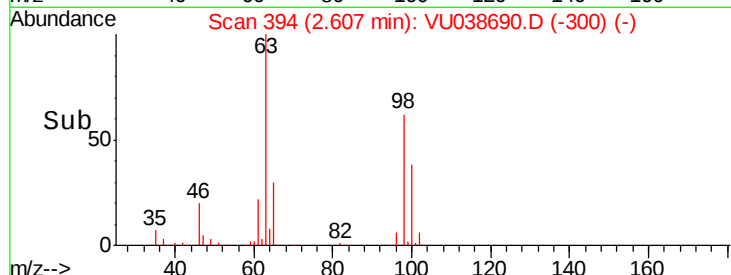
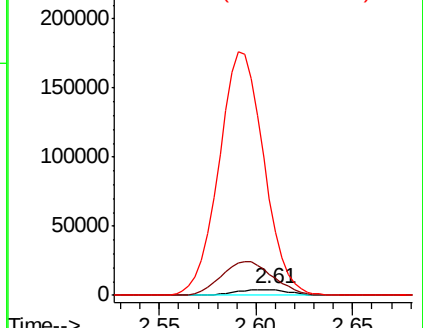
63 1612.7 75.8 140.8#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0



#17

trans-1,2-Dichloroethene

Concen: 4.604 ug/L

RT: 3.39 min Scan# 637

Delta R.T. 0.00 min

Lab File: VU038690.D

Acq: 09 Jun 2020 00:23

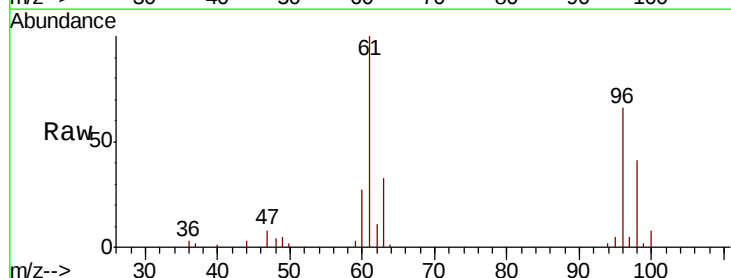
Tgt Ion: 96 Resp: 18437

Ion Ratio Lower Upper

96 100

61 150.6 98.2 182.4

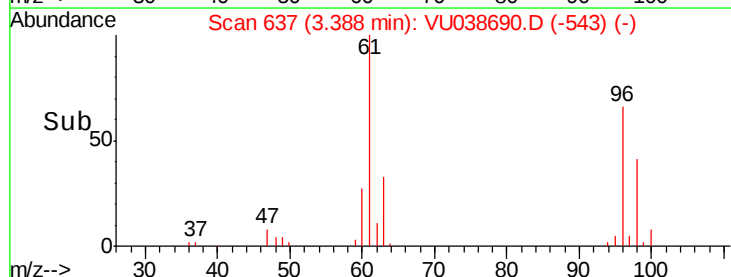
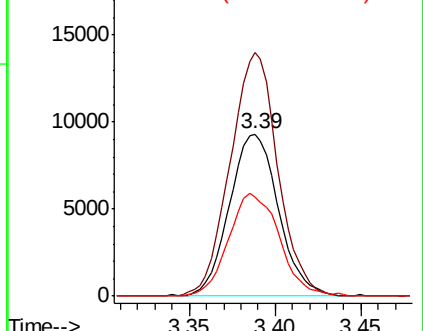
98 61.3 44.3 82.3

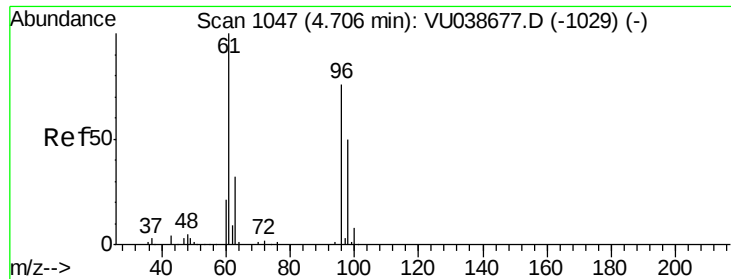


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

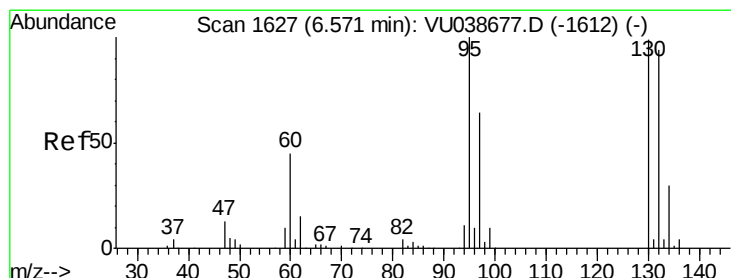
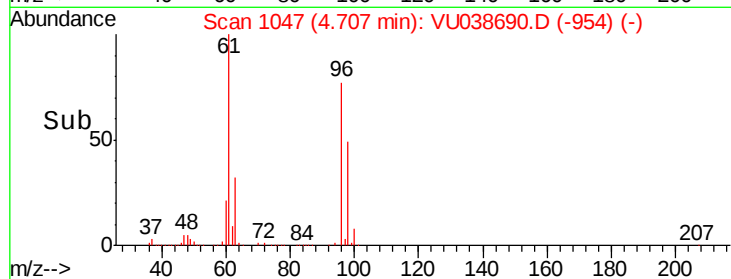
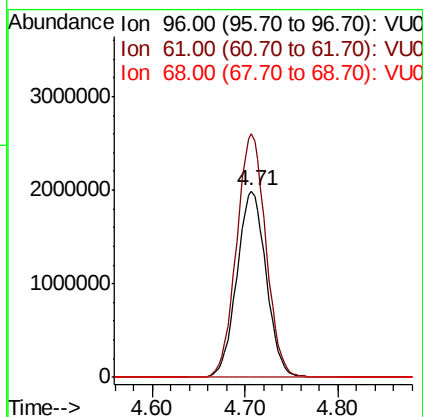
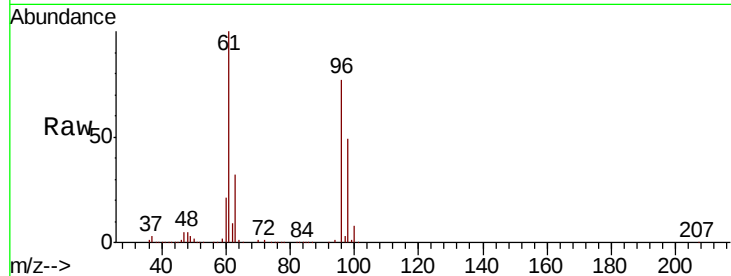




#20
 cis-1,2-Dichloroethene
 Concen: 985.338 ug/L
 RT: 4.71 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: VU038690.D
 Acq: 09 Jun 2020 00:23

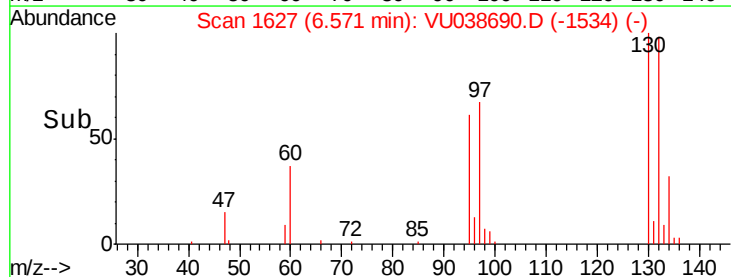
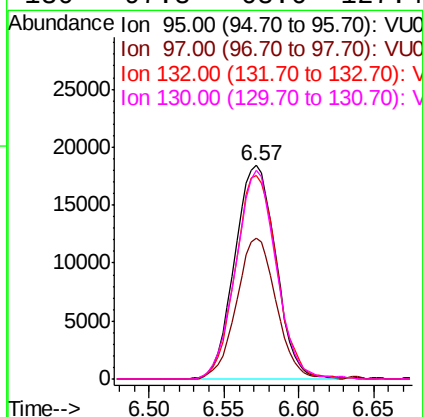
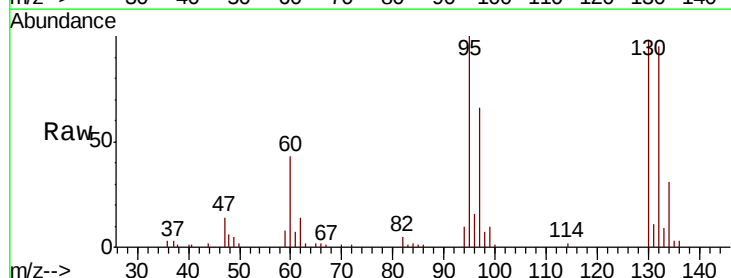
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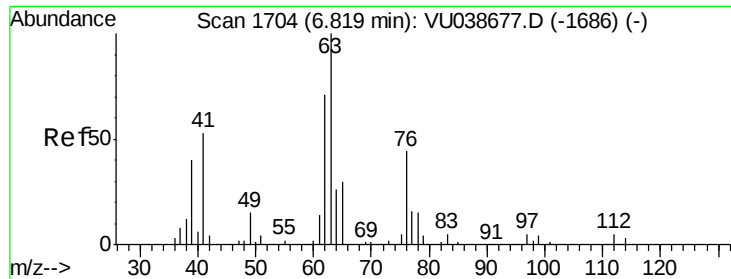
Tot Ion: 96 Resp: 4362078
 Ion Ratio Lower Upper
 96 100
 61 130.5 89.5 166.1
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 8.312 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU038690.D
 Acq: 09 Jun 2020 00:23

Tgt Ion: 95 Resp: 35360
 Ion Ratio Lower Upper
 95 100
 97 65.7 44.4 82.4
 132 95.4 64.9 120.5
 130 97.8 68.6 127.4

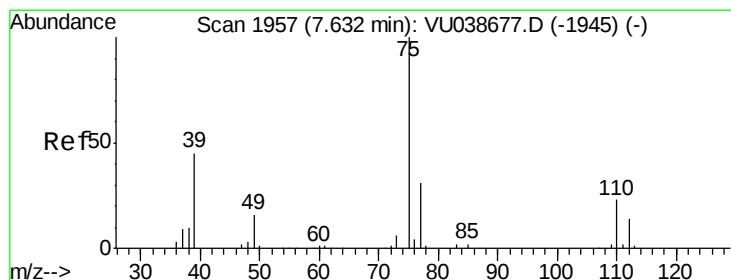
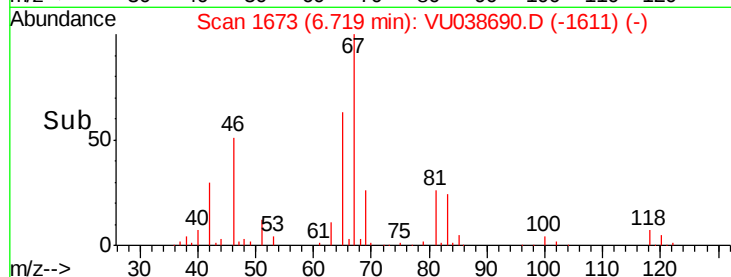
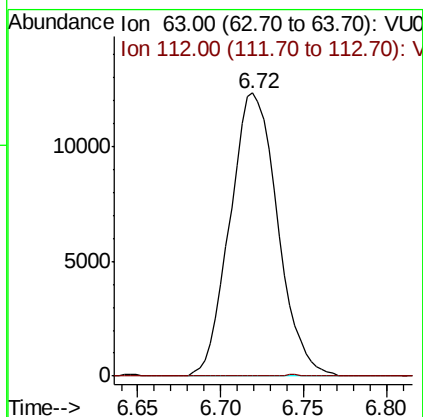
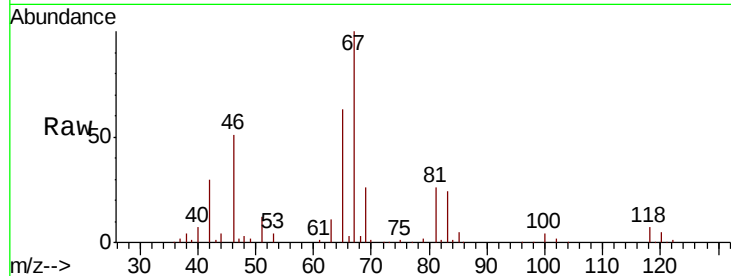




#37
 1,2-Dichloropropane
 Concen: 5.663 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU038690.D
 Acq: 09 Jun 2020 00:23

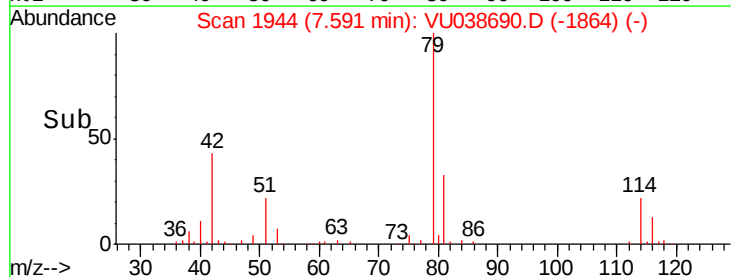
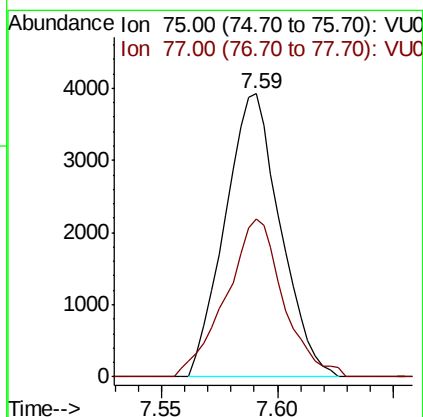
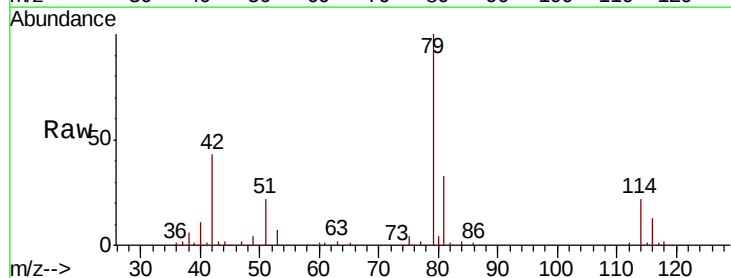
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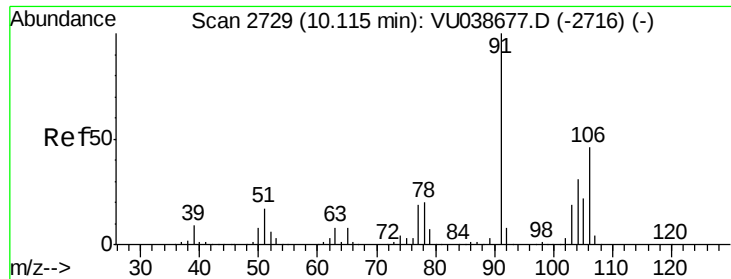
Tot Ion: 63 Resp: 24683
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.968 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038690.D
 Acq: 09 Jun 2020 00:23

Tgt Ion: 75 Resp: 6505
 Ion Ratio Lower Upper
 75 100
 77 55.9 22.2 41.2#

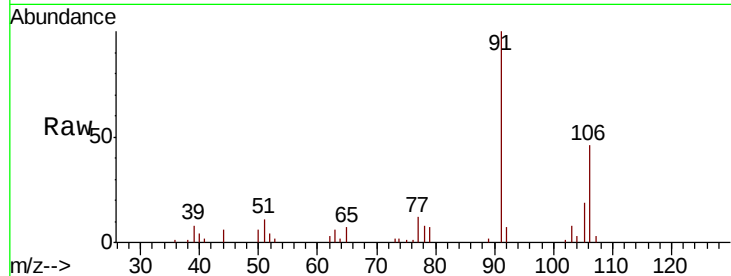




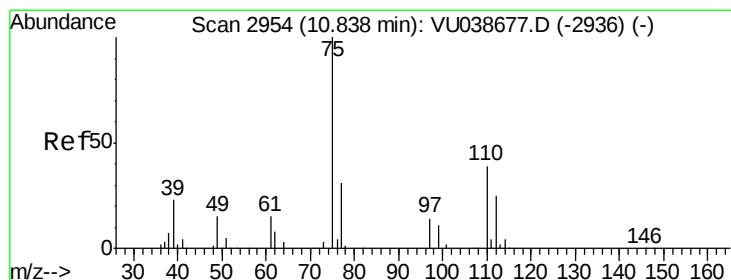
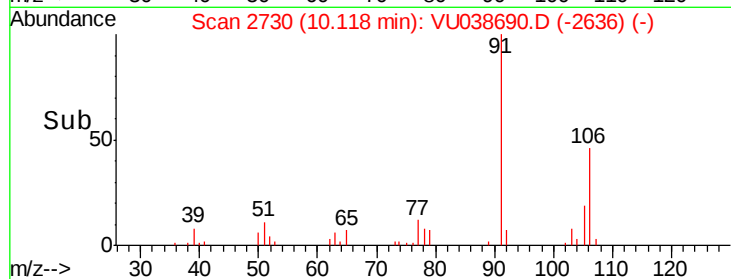
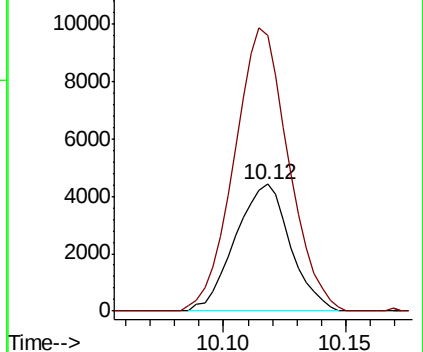
#54
o-xylene
Concen: 0.959 ug/L
RT: 10.12 min Scan# 2730
Delta R.T. 0.00 min
Lab File: VU038690.D
Acq: 09 Jun 2020 00:23

Instrument :
MSVOA_U
ClientSampled :
EW0J1

Tot Ion:106 Resp: 6900
Ion Ratio Lower Upper
106 100
91 217.7 151.2 280.8

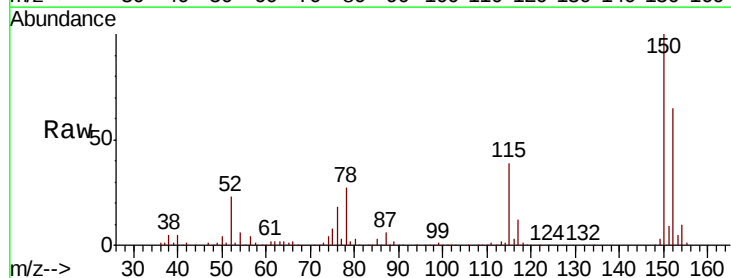


Abundance Ion 106.00 (105.70 to 106.70): VU038690.D (-2636) (-)
Ion 91.00 (90.70 to 91.70): VU038690.D (-2636) (-)



#59
1,2,3-Trichloropropane
Concen: 5.481 ug/L
RT: 11.82 min Scan# 3260
Delta R.T. 0.98 min
Lab File: VU038690.D
Acq: 09 Jun 2020 00:23

Tgt Ion: 75 Resp: 33497
Ion Ratio Lower Upper
75 100
77 37.9 25.3 37.9



Abundance Ion 75.00 (74.70 to 75.70): VU038690.D (-2332) (-)
Ion 77.00 (76.70 to 77.70): VU038690.D (-2332) (-)

