

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U060920\
 Data File : VU038686.D
 Acq On : 08 Jun 2020 22:54
 Operator : SY/MD
 Sample : L2896-08MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW0G9

Quant Time: Jun 09 06:14:23 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	345601	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	337023	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	158328	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	151172	78.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	156.58%#
7) Chloroethane-d5	1.93	69	116721	77.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	155.84%#
11) 1,1-Dichloroethene-d2	2.59	63	270616	64.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	128.62%#
21) 2-Butanone-d5	4.67	46	282564	150.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	150.42%#
24) Chloroform-d	5.10	84	286565	68.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	137.66%#
26) 1,2-Dichloroethane-d4	5.74	65	197861	71.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	143.42%#
32) Benzene-d6	5.76	84	601455	74.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	148.18%#
36) 1,2-Dichloropropane-d6	6.72	67	178377	71.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	142.58%#
41) Toluene-d8	7.92	98	511014	69.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	139.32%#
43) trans-1,3-Dichloropropene-	8.20	79	86118	68.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	136.74%#
47) 2-Hexanone-d5	8.65	63	207461	155.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	155.78%#
57) 1,1,2,2-Tetrachloroethane-	10.77	84	258591	69.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	138.58%#
64) 1,2-Dichlorobenzene-d4	12.20	152	202372	73.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	147.24%#

Target Compounds

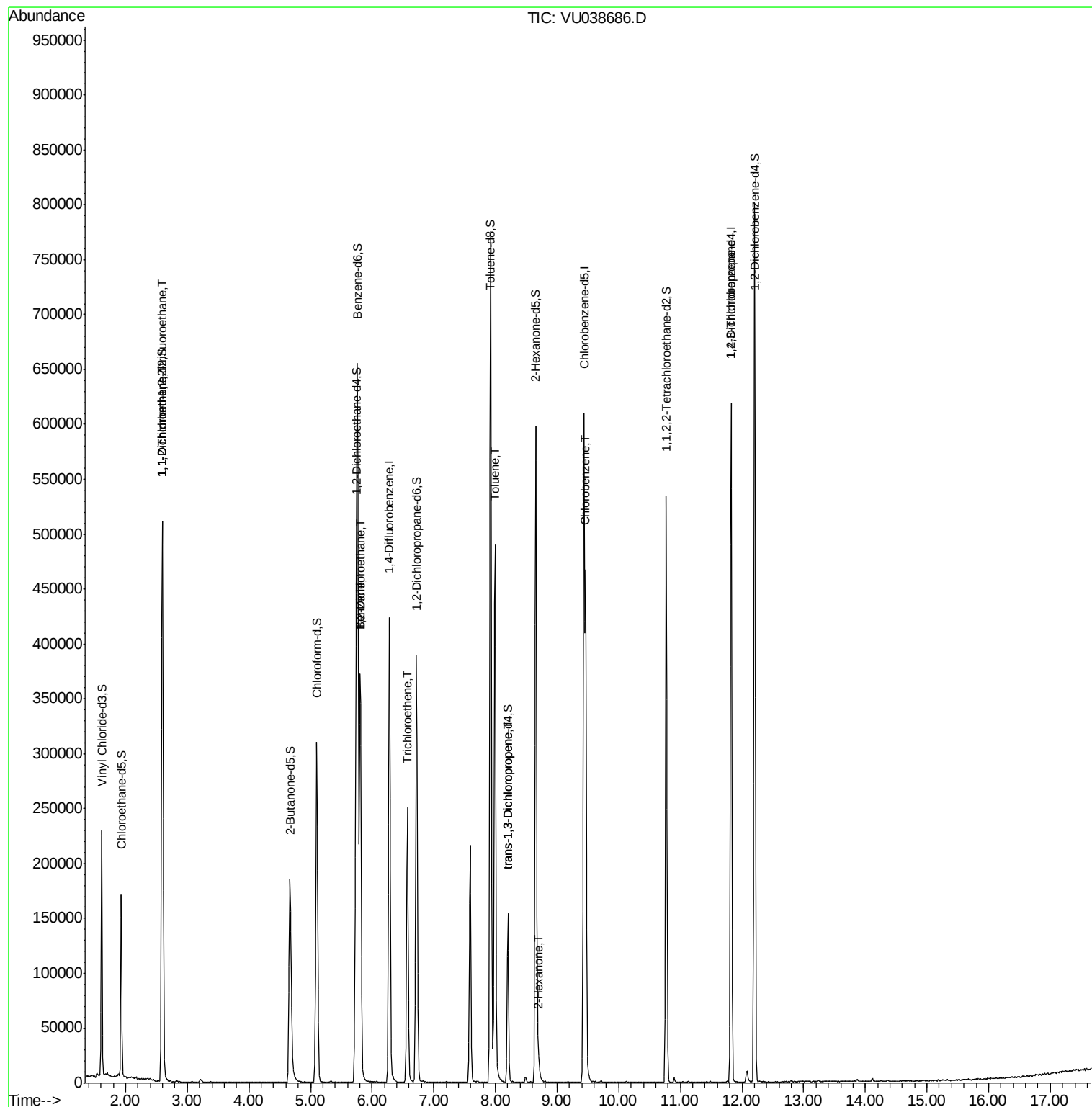
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2302	1.037 ug/L #	22
12) 1,1-Dichloroethene	2.61	96	74052	33.852 ug/L #	76
27) 1,2-Dichloroethane	5.81	62	3397	0.905 ug/L #	74
33) Benzene	5.81	78	350566	35.028 ug/L	100
34) Trichloroethene	6.57	95	84944	33.372 ug/L	96
42) Toluene	7.99	91	355952	34.015 ug/L	99
44) trans-1,3-Dichloropropene	8.20	75	3838	0.996 ug/L	95
48) 2-Hexanone	8.71	43	9206	2.731 ug/L	91
51) Chlorobenzene	9.47	112	230920	34.349 ug/L	100
59) 1,2,3-Trichloropropane	11.82	75	19618	5.365 ug/L	91

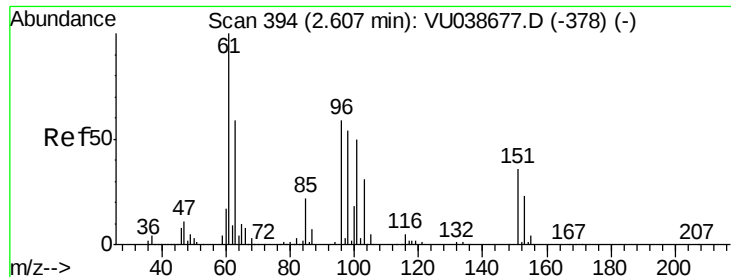
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU060920\
Data File : VU038686.D
Acq On : 08 Jun 2020 22:54
Operator : SY/MD
Sample : L2896-08MS
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW0G9

Quant Time: Jun 09 06:14:23 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 09 06:12:02 2020
Response via : Initial Calibration





#10

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

Concen: 1.037 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.02 min

Lab File: VU038686.D

Acq: 08 Jun 2020 22:54

Instrument :

MSVOA_U

ClientSampleId :

EW0G9

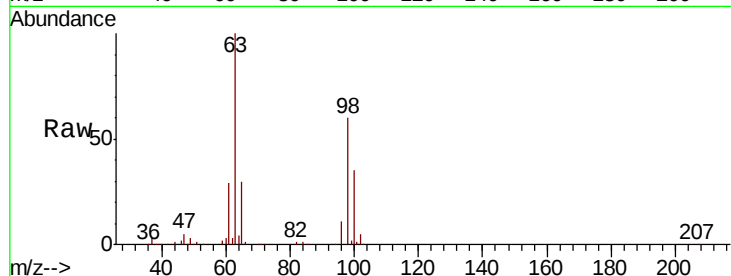
Tot Ion:101 Resp: 2302

Ion Ratio Lower Upper

101 100

85 2.9 35.1 52.7#

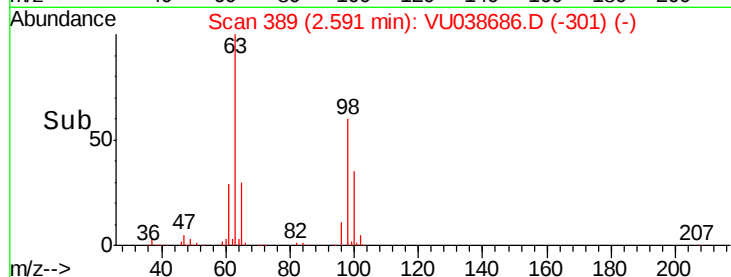
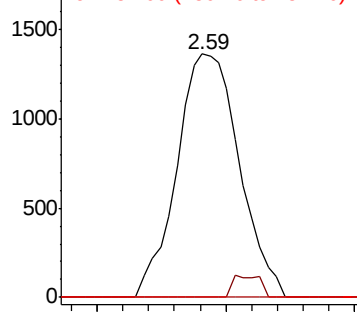
151 0.0 57.4 86.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 33.852 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU038686.D

Acq: 08 Jun 2020 22:54

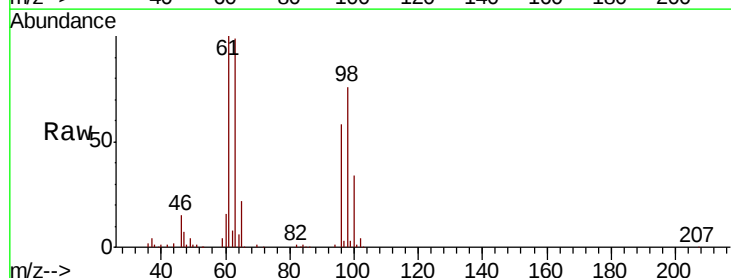
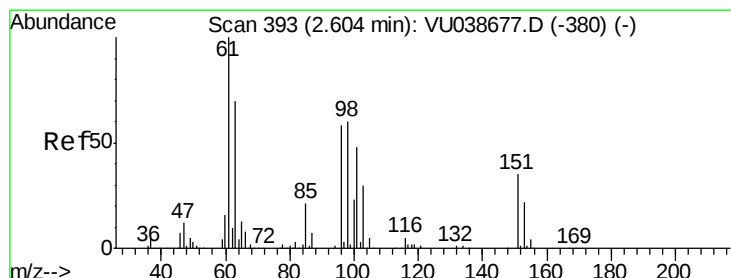
Tgt Ion: 96 Resp: 74052

Ion Ratio Lower Upper

96 100

61 173.1 120.0 223.0

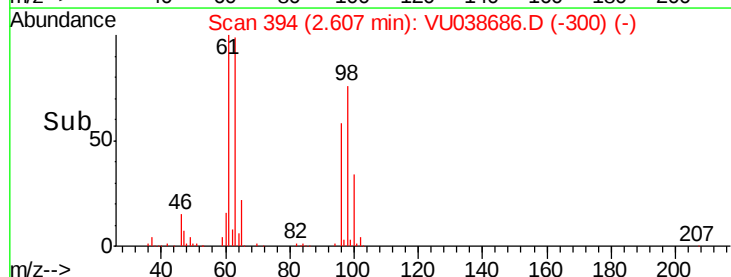
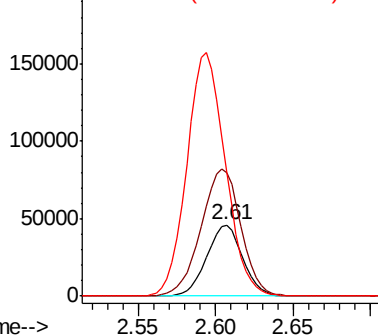
63 172.1 75.8 140.8#

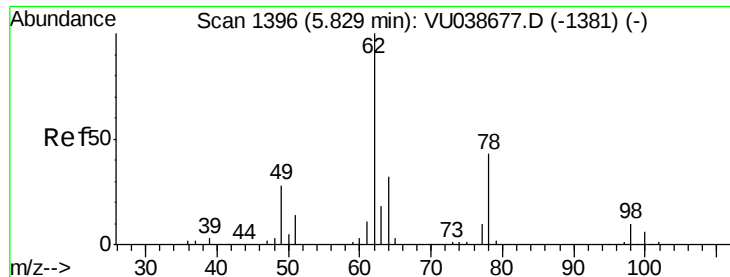


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

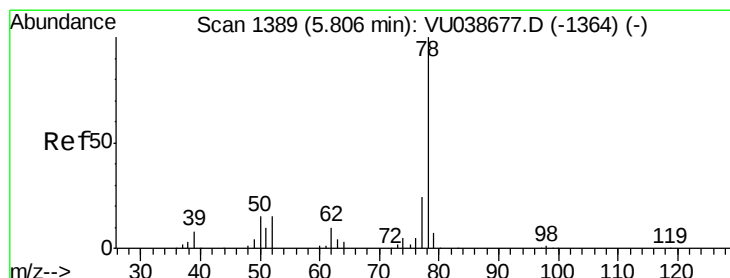
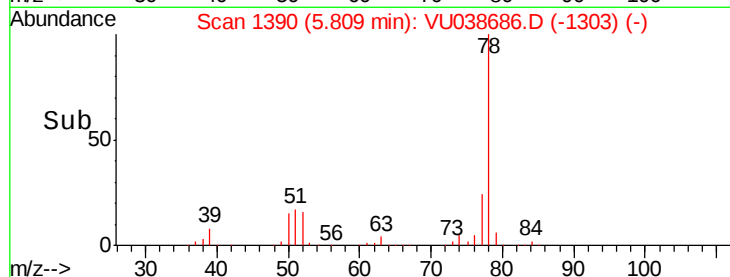
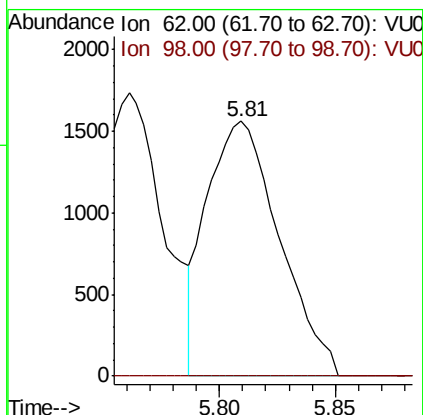
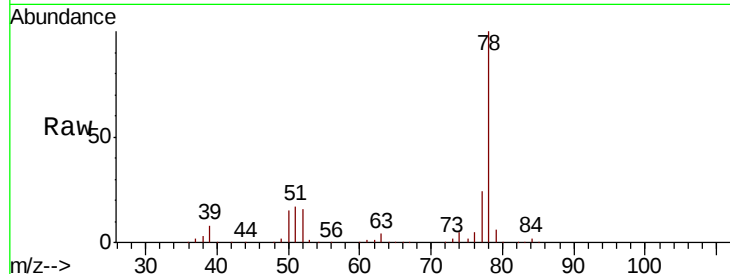




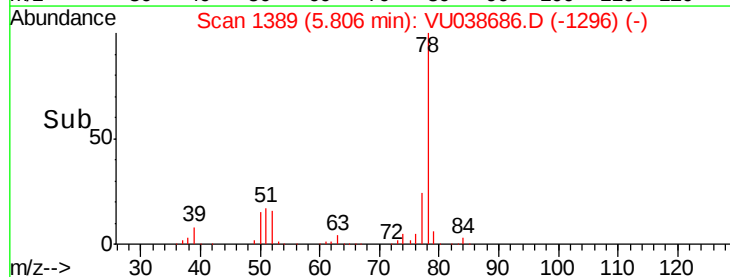
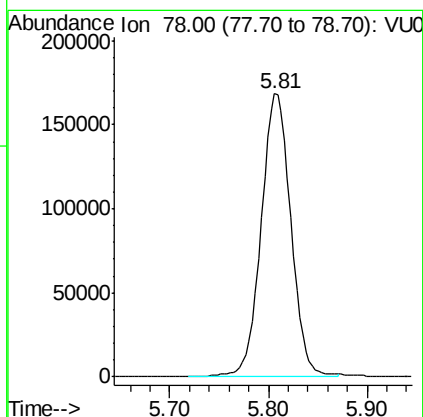
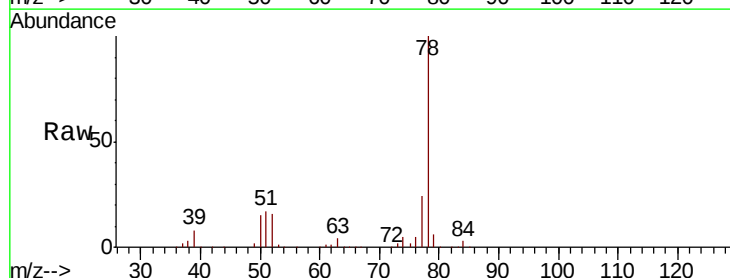
#27
 1,2-Dichloroethane
 Concen: 0.905 ug/L
 RT: 5.81 min Scan# 1390
 Delta R.T. -0.02 min
 Lab File: VU038686.D
 Acq: 08 Jun 2020 22:54

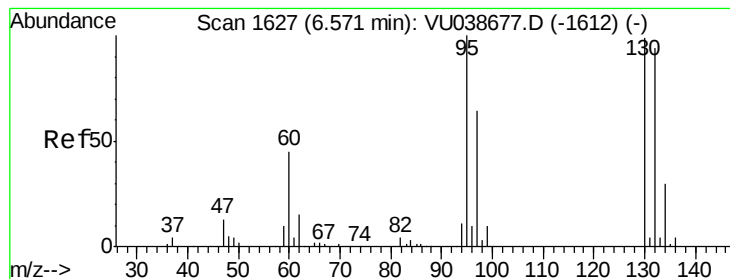
Instrument :
 MSVOA_U
 ClientSampleId :
 EW0G9

Tot Ion: 62 Resp: 3397
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.8 11.6#



#33
 Benzene
 Concen: 35.028 ug/L
 RT: 5.81 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: VU038686.D
 Acq: 08 Jun 2020 22:54
 Tgt Ion: 78 Resp: 350566





#34

Trichloroethene

Concen: 33.372 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU038686.D

Acq: 08 Jun 2020 22:54

Instrument :

MSVOA_U

ClientSampleId :

EW0G9

Tot Ion: 95 Resp: 84944

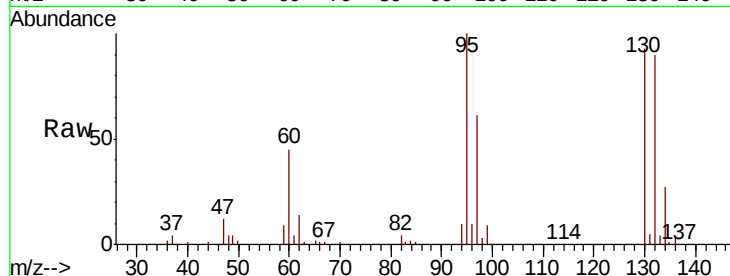
Ion Ratio Lower Upper

95 100

97 61.2 44.4 82.4

132 89.6 64.9 120.5

130 93.4 68.6 127.4

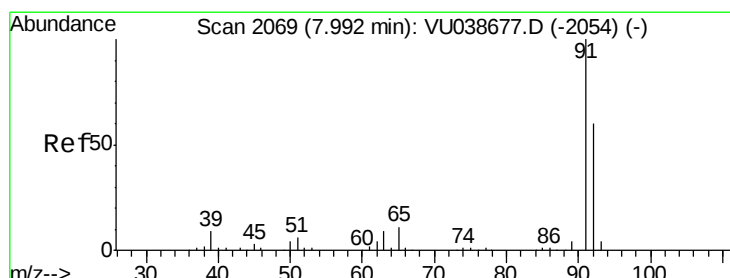
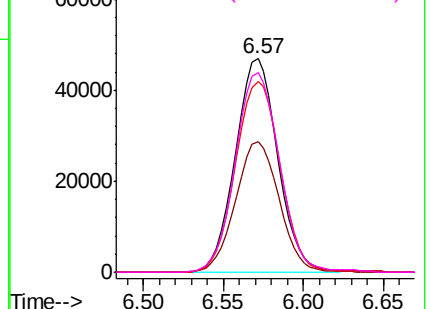
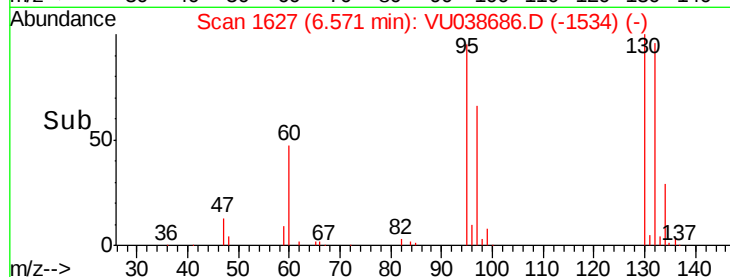


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#42

Toluene

Concen: 34.015 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. 0.00 min

Lab File: VU038686.D

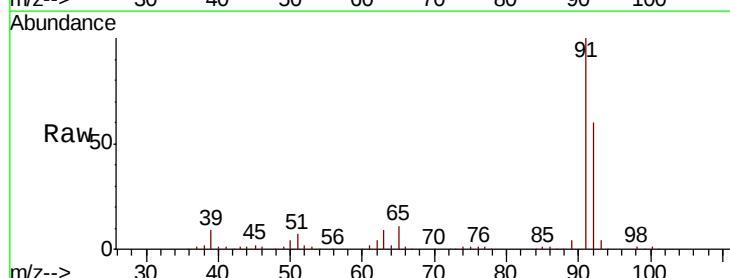
Acq: 08 Jun 2020 22:54

Tgt Ion: 91 Resp: 355952

Ion Ratio Lower Upper

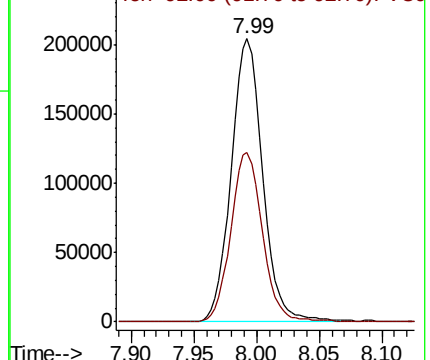
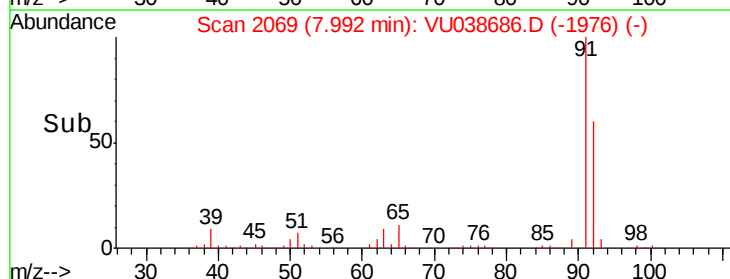
91 100

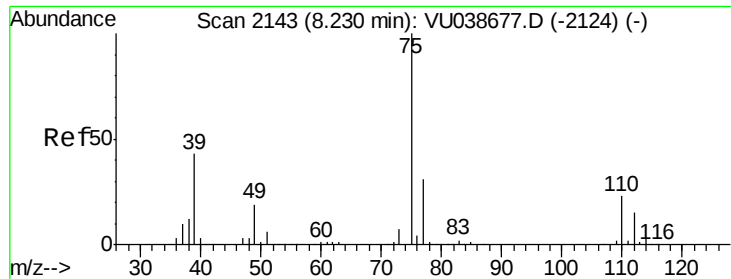
92 59.7 42.2 78.4



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

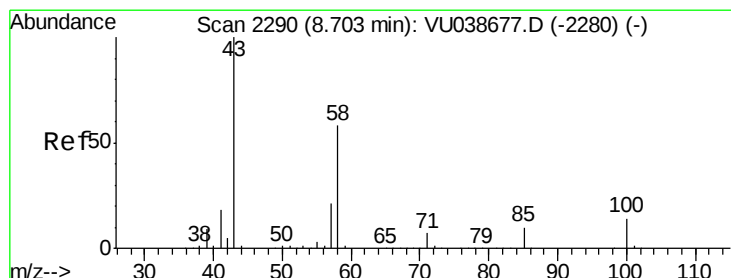
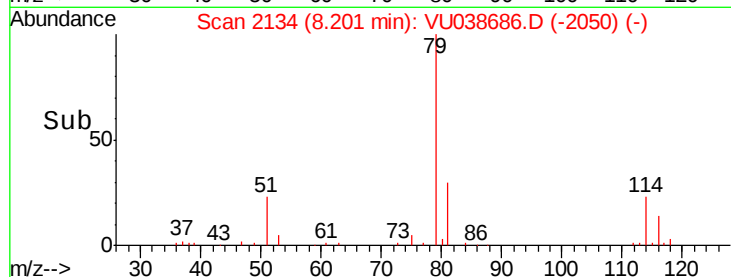
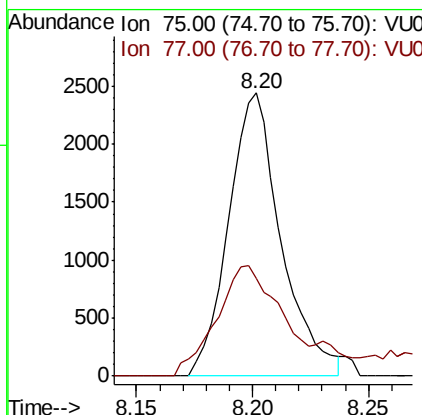
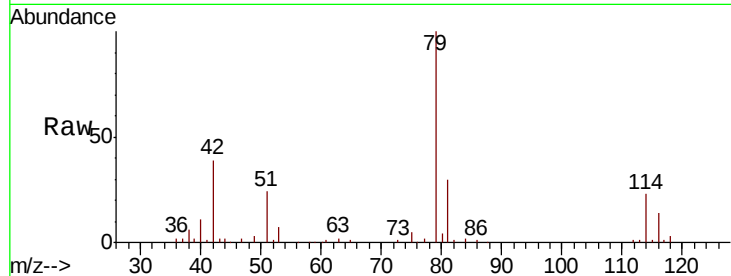




#44
trans-1,3-Dichloropropene
Concen: 0.996 ug/L
RT: 8.20 min Scan# 2134
Delta R.T. -0.03 min
Lab File: VU038686.D
Acq: 08 Jun 2020 22:54

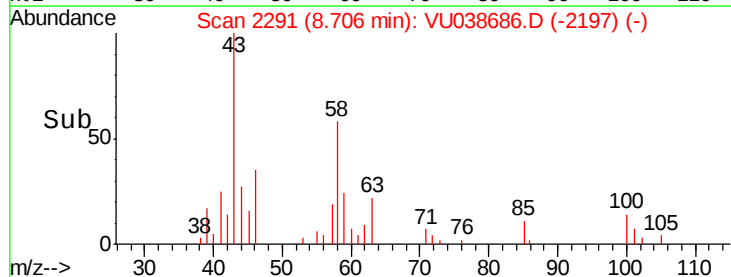
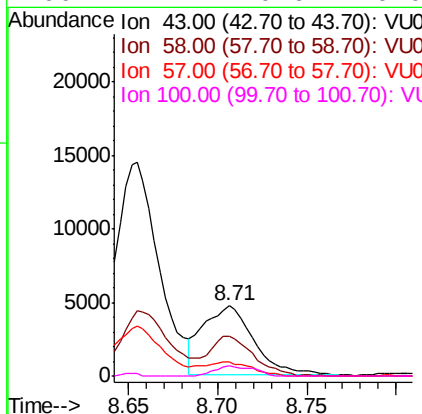
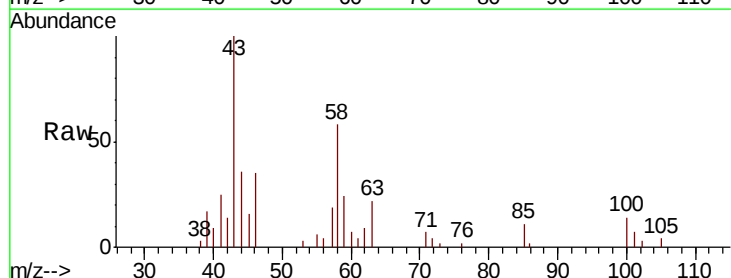
Instrument :
MSVOA_U
ClientSampled :
EW0G9

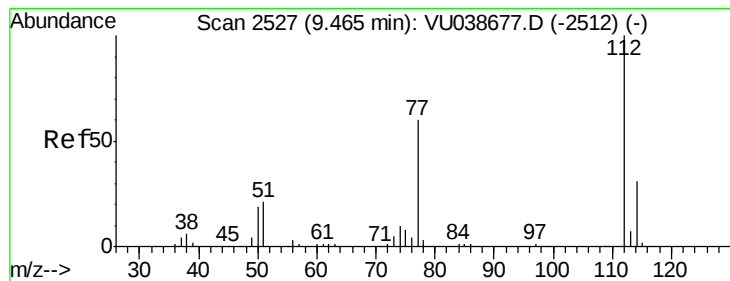
Tot Ion: 75 Resp: 3838
Ion Ratio Lower Upper
75 100
77 34.6 22.5 41.7



#48
2-Hexanone
Concen: 2.731 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. 0.00 min
Lab File: VU038686.D
Acq: 08 Jun 2020 22:54

Tgt Ion: 43 Resp: 9206
Ion Ratio Lower Upper
43 100
58 48.1 46.2 69.4
57 20.3 16.6 24.8
100 11.4 10.6 16.0





#51

Chlorobenzene

Concen: 34.349 ug/L

RT: 9.47 min Scan# 2527

Delta R.T. 0.00 min

Lab File: VU038686.D

Acq: 08 Jun 2020 22:54

Instrument :

MSVOA_U

ClientSampleId :

EW0G9

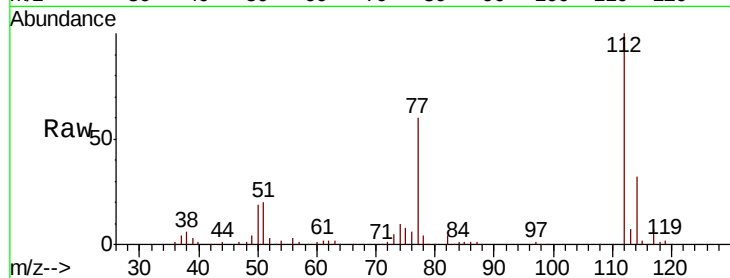
Tot Ion:112 Resp: 230920

Ion Ratio Lower Upper

112 100

114 31.7 22.2 41.2

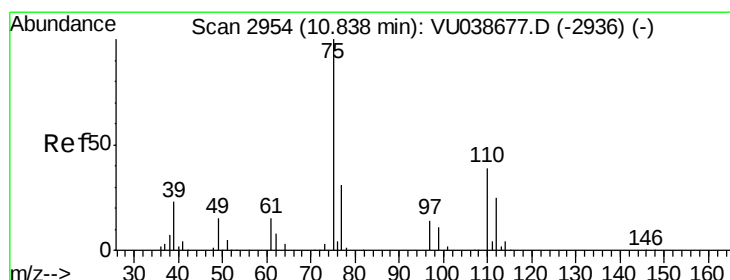
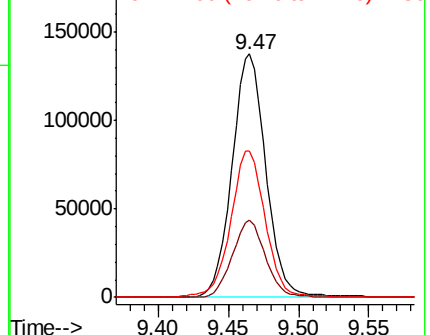
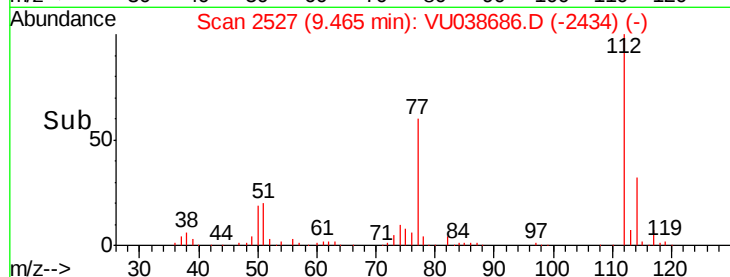
77 60.3 47.9 71.9



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU



#59

1,2,3-Trichloropropane

Concen: 5.365 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038686.D

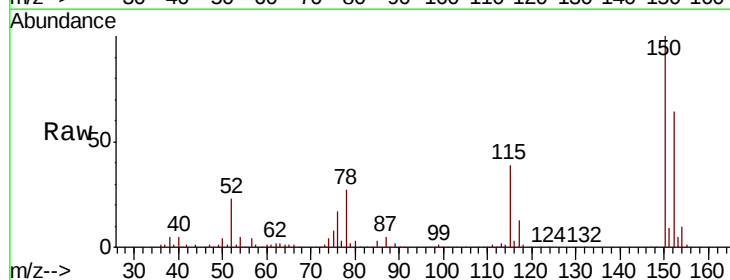
Acq: 08 Jun 2020 22:54

Tgt Ion: 75 Resp: 19618

Ion Ratio Lower Upper

75 100

77 36.4 25.3 37.9



Abundance Ion 75.00 (74.70 to 75.70): VU

Ion 77.00 (76.70 to 77.70): VU

