

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U060920\
 Data File : VU038687.D
 Acq On : 08 Jun 2020 23:16
 Operator : SY/MD
 Sample : L2896-09MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW0G9

Quant Time: Jun 09 06:14:31 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	497940	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	482736	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	226346	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	189186	68.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	136.00%#
7) Chloroethane-d5	1.93	69	139482	64.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	129.26%
11) 1,1-Dichloroethene-d2	2.59	63	362584	59.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	119.60%
21) 2-Butanone-d5	4.66	46	373176	137.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	137.88%#
24) Chloroform-d	5.10	84	361867	60.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	120.66%
26) 1,2-Dichloroethane-d4	5.74	65	246906	62.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	124.22%
32) Benzene-d6	5.76	84	742421	63.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	127.70%#
36) 1,2-Dichloropropane-d6	6.72	67	227181	63.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	126.78%#
41) Toluene-d8	7.92	98	649248	61.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	123.58%#
43) trans-1,3-Dichloropropene-	8.20	79	107990	59.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	119.70%
47) 2-Hexanone-d5	8.65	63	268689	140.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	140.85%#
57) 1,1,2,2-Tetrachloroethane-	10.77	84	327212	61.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	122.42%#
64) 1,2-Dichlorobenzene-d4	12.20	152	253235	64.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	128.88%#

Target Compounds

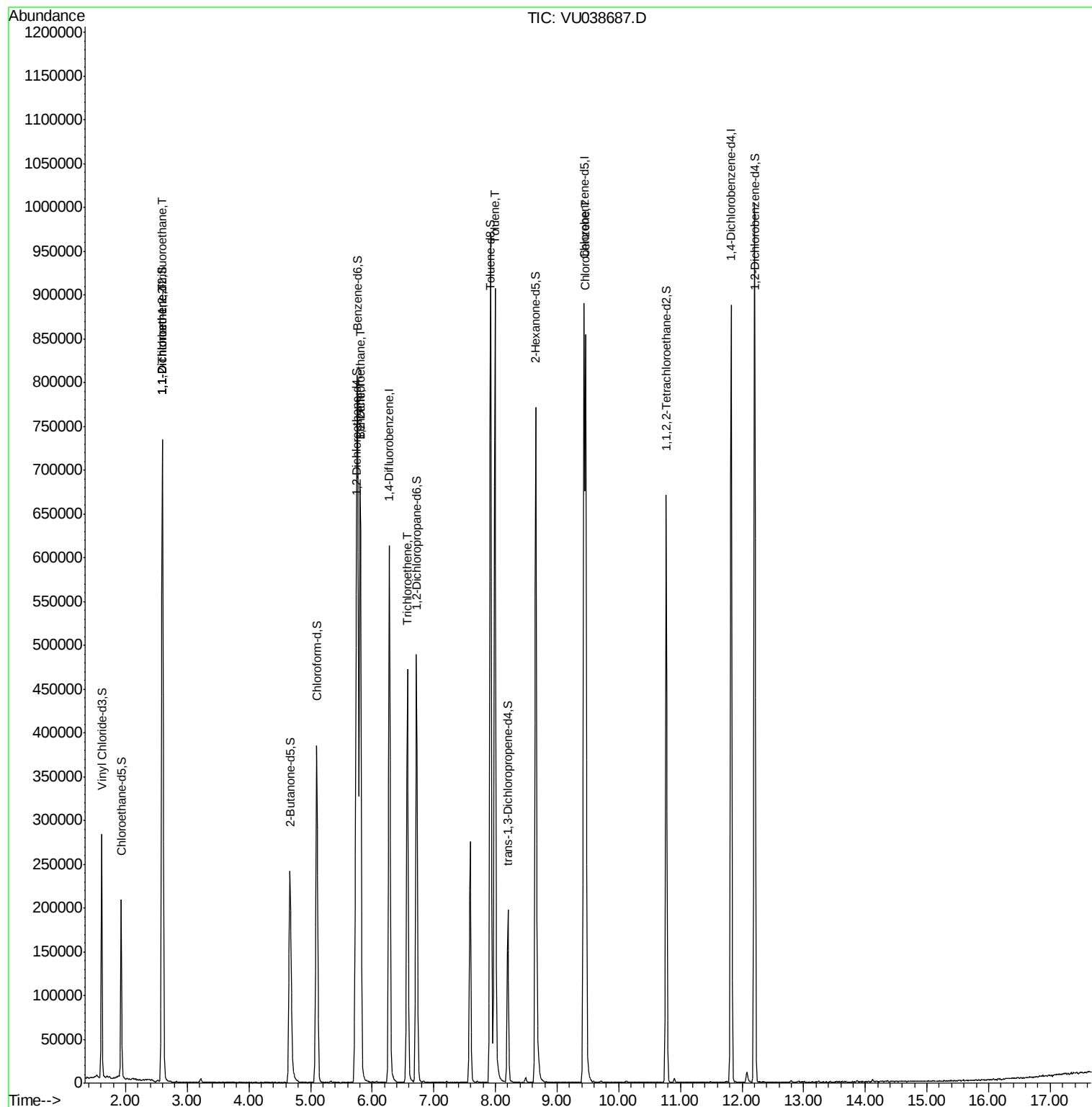
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2895	0.905 ug/L #	22
12) 1,1-Dichloroethene	2.60	96	135088	42.861 ug/L #	76
27) 1,2-Dichloroethane	5.81	62	6139	1.135 ug/L #	74
33) Benzene	5.81	78	639015	44.577 ug/L	100
34) Trichloroethene	6.57	95	157371	43.164 ug/L	97
42) Toluene	7.99	91	667219	44.514 ug/L	100
51) Chlorobenzene	9.47	112	435226	45.198 ug/L	99

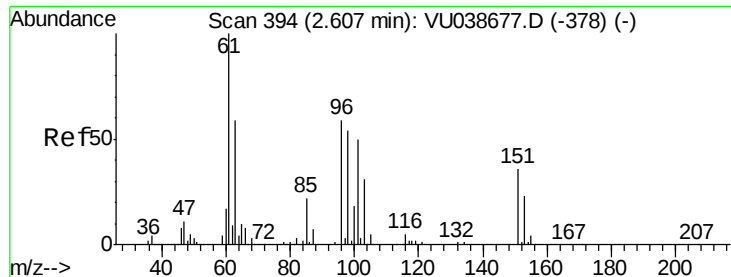
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#10

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

Concen: 0.905 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.02 min

Lab File: VU038687.D

Acq: 08 Jun 2020 23:16

Instrument :

MSVOA_U

ClientSampleId :

EW0G9

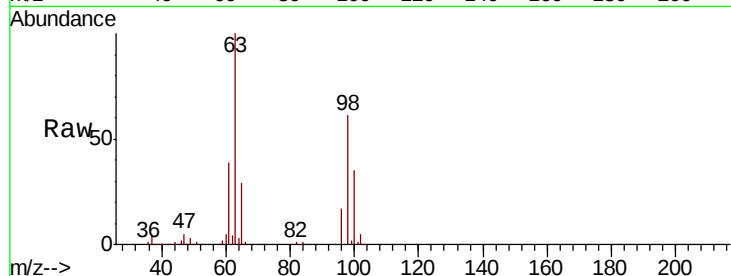
Tot Ion:101 Resp: 2895

Ion Ratio Lower Upper

101 100

85 2.5 35.1 52.7#

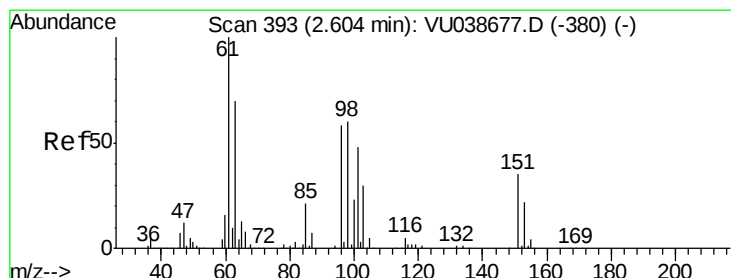
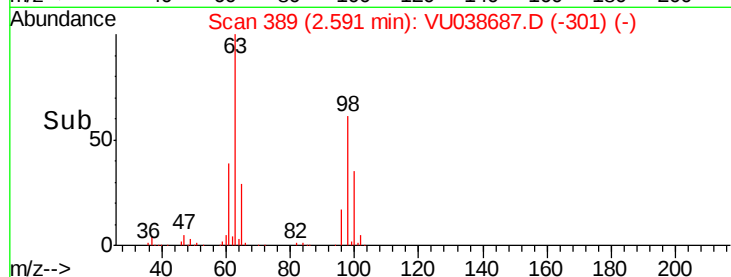
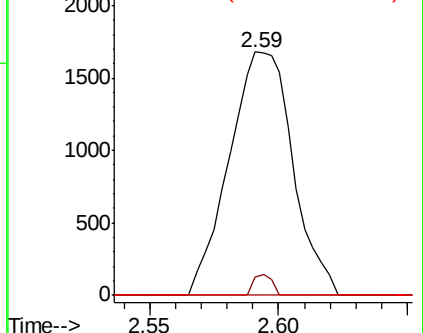
151 0.0 57.4 86.0#



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: 42.861 ug/L

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU038687.D

Acq: 08 Jun 2020 23:16

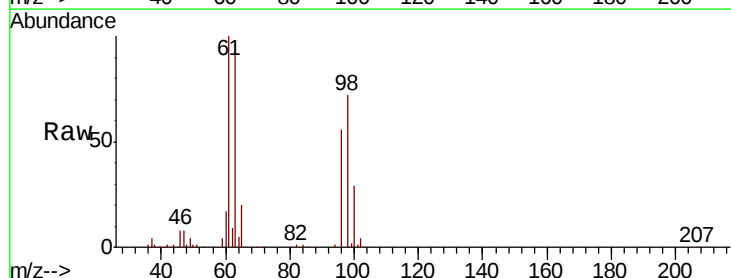
Tgt Ion: 96 Resp: 135088

Ion Ratio Lower Upper

96 100

61 178.1 120.0 223.0

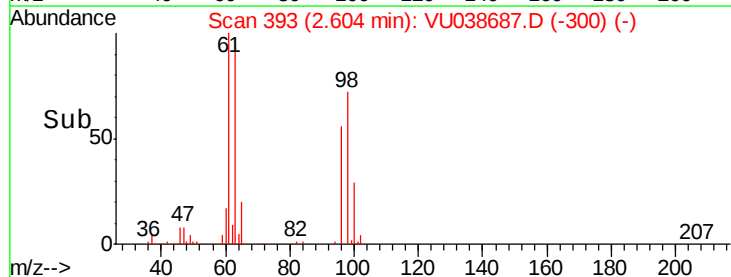
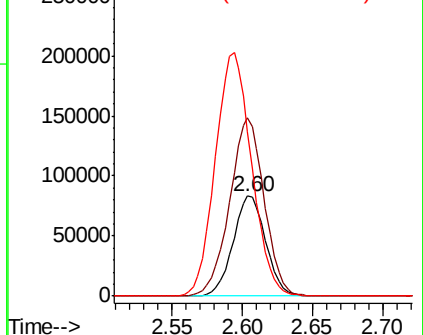
63 164.0 75.8 140.8#

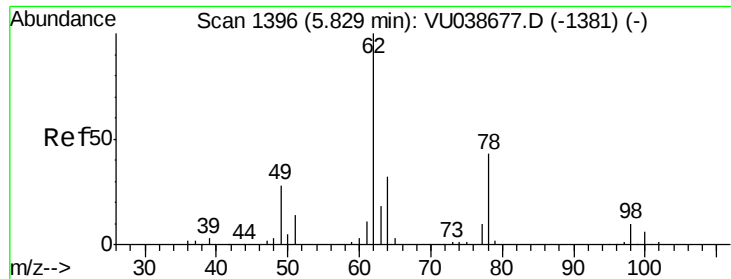


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

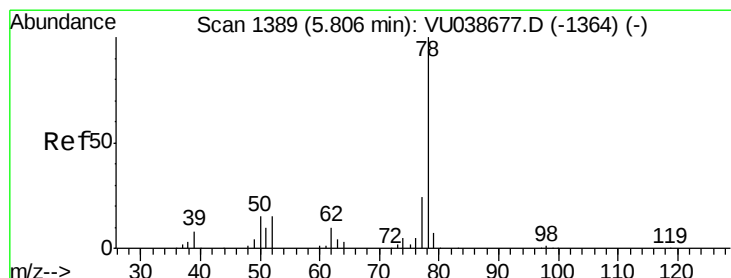
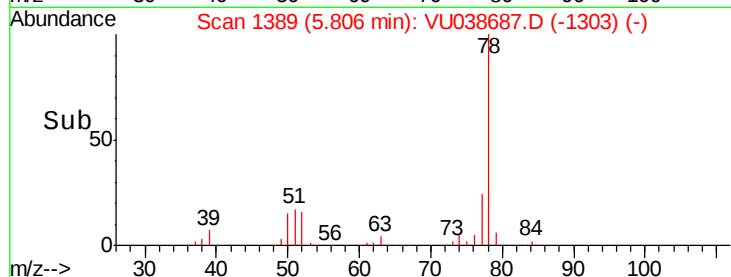
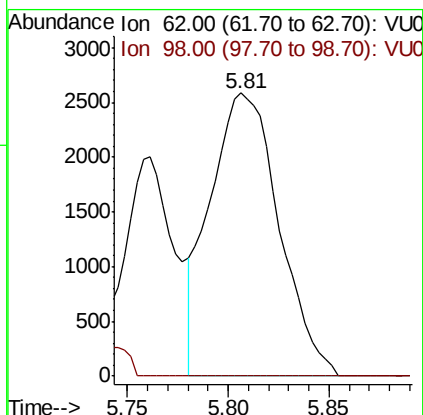
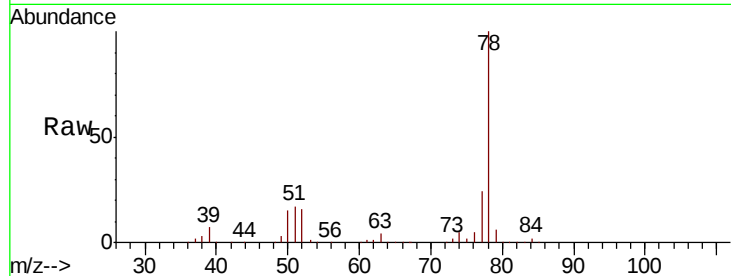




#27
 1,2-Dichloroethane
 Concen: 1.135 ug/L
 RT: 5.81 min Scan# 1389
 Delta R.T. -0.02 min
 Lab File: VU038687.D
 Acq: 08 Jun 2020 23:16

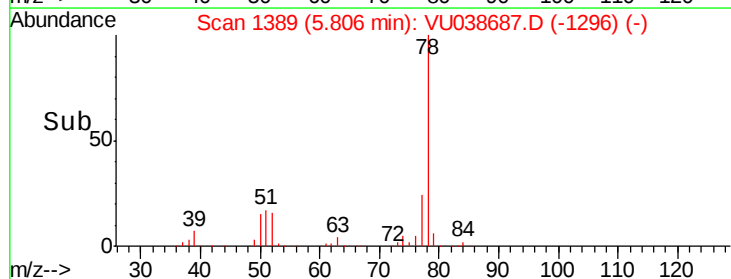
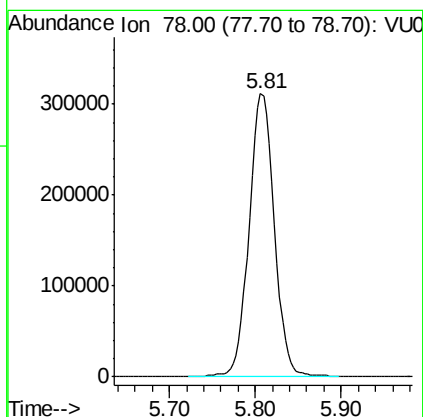
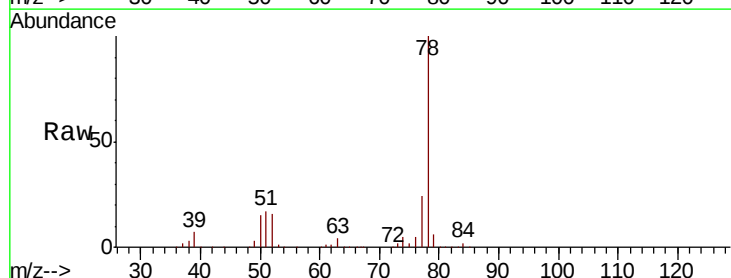
Instrument :
 MSVOA_U
 ClientSampleID :
 EW0G9

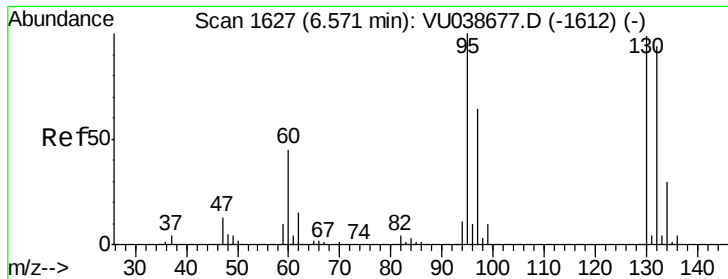
Tot Ion: 62 Resp: 6139
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.8 11.6#



#33
 Benzene
 Concen: 44.577 ug/L
 RT: 5.81 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: VU038687.D
 Acq: 08 Jun 2020 23:16

Tgt Ion: 78 Resp: 639015

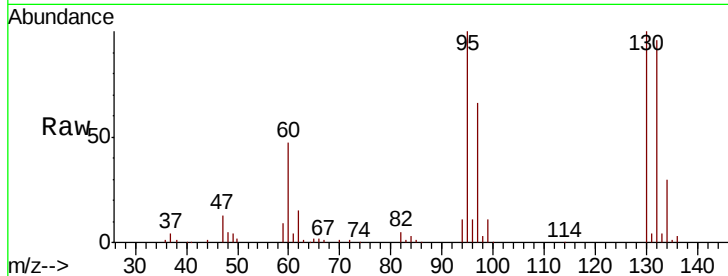




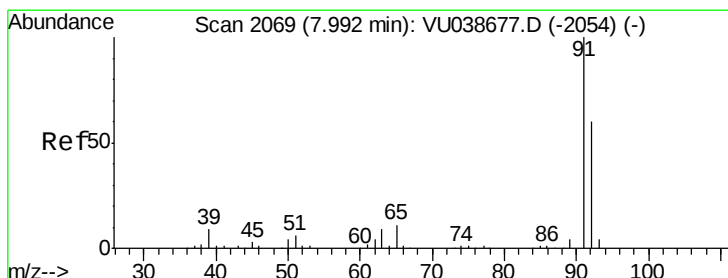
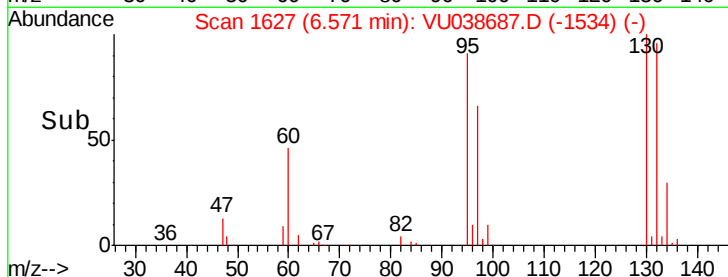
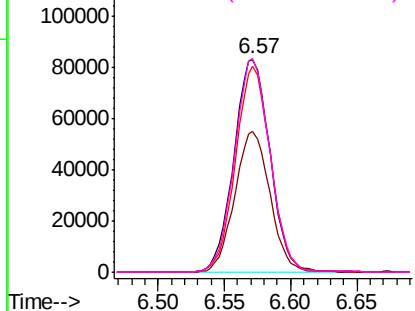
#34
 Trichloroethene
 Concen: 43.164 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU038687.D
 Acq: 08 Jun 2020 23:16

Instrument :
 MSVOA_U
 ClientSampleId :
 EW0G9

Tot Ion: 95 Resp: 157371
 Ion Ratio Lower Upper
 95 100
 97 66.0 44.4 82.4
 132 96.4 64.9 120.5
 130 100.2 68.6 127.4

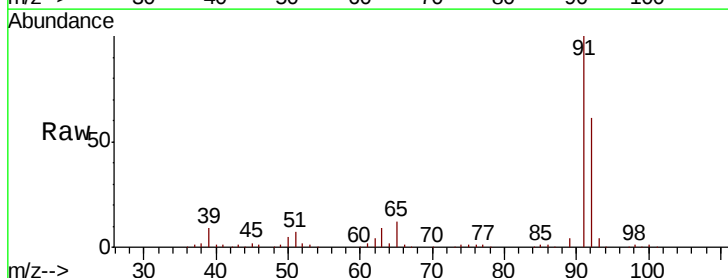


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

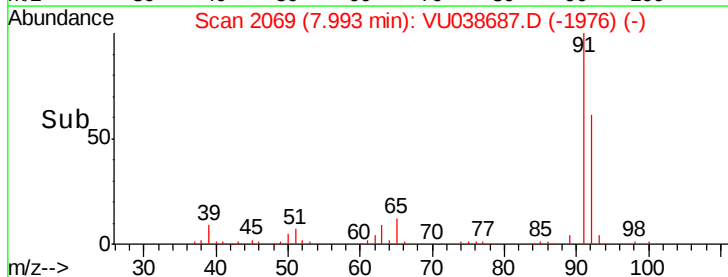
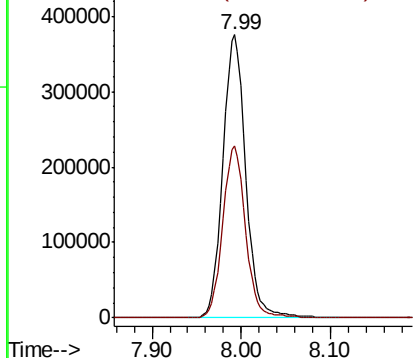


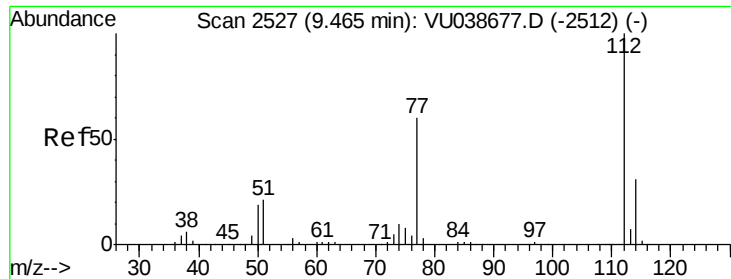
#42
 Toluene
 Concen: 44.514 ug/L
 RT: 7.99 min Scan# 2069
 Delta R.T. 0.00 min
 Lab File: VU038687.D
 Acq: 08 Jun 2020 23:16

Tgt Ion: 91 Resp: 667219
 Ion Ratio Lower Upper
 91 100
 92 60.6 42.2 78.4



Abundance Ion 91.00 (90.70 to 91.70): VU0
 Ion 92.00 (91.70 to 92.70): VU0





#51
 Chlorobenzene
 Concen: 45.198 ug/L
 RT: 9.47 min Scan# 2527
 Delta R.T. 0.00 min
 Lab File: VU038687.D
 Acq: 08 Jun 2020 23:16

Instrument :
 MSVOA_U
 ClientSampleId :
 EW0G9

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.2	41.2
77	60.5	47.9	71.9

