

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072220\
 Data File : VV017593.D
 Acq On : 22 Jul 2020 17:09
 Operator : SY/MD
 Sample : VIBLK40
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK40

Quant Time: Jul 23 05:27:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM072120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 23 05:23:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	312370	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	299129	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	144603	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	83424	43.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.52%
7) Chloroethane-d5	1.58	69	63536	48.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.98%
11) 1,1-Dichloroethene-d2	2.12	63	131444	34.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.54%
21) 2-Butanone-d5	3.91	46	143423	98.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.36%
24) Chloroform-d	4.38	84	208409	47.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.06	65	149984	50.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.00%
32) Benzene-d6	5.07	84	387581	48.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.04%
36) 1,2-Dichloropropane-d6	6.09	67	118041	49.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.46%
41) Toluene-d8	7.34	98	354703	47.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.10%
43) trans-1,3-Dichloropropene-	7.64	79	65997	47.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.08%
47) 2-Hexanone-d5	8.11	63	103684	94.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.32%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	160765	47.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.26%
64) 1,2-Dichlorobenzene-d4	11.65	152	156000	52.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.04%

Target Compounds

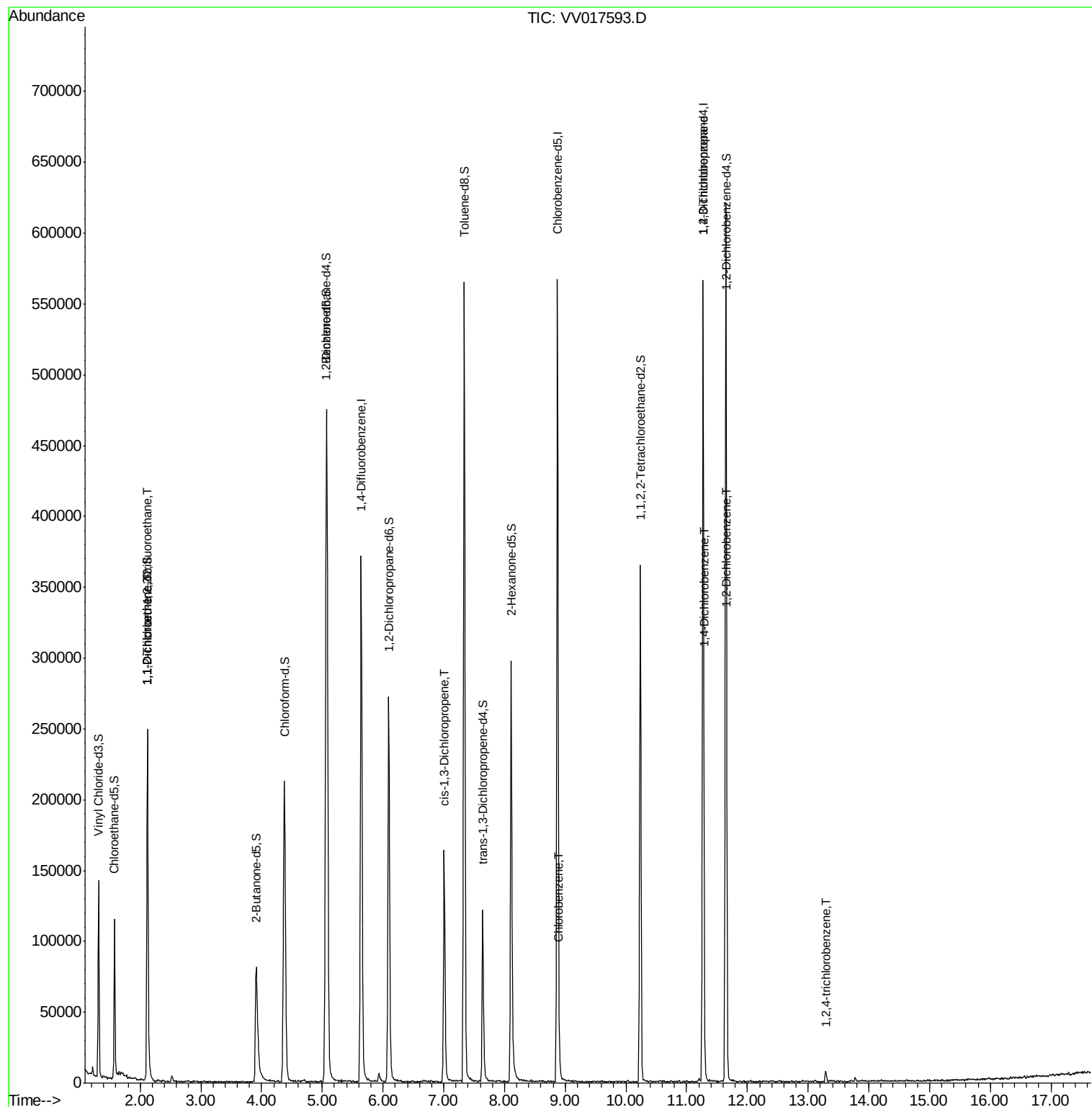
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1266	0.658 ug/L #	20
12) 1,1-Dichloroethene	2.12	96	1277	0.716 ug/L #	1
39) cis-1,3-Dichloropropene	7.01	75	3746	0.994 ug/L #	68
51) Chlorobenzene	8.91	112	4350	0.678 ug/L #	83
59) 1,2,3-Trichloropropane	11.27	75	16342	5.523 ug/L	89
63) 1,4-Dichlorobenzene	11.29	146	5199	1.049 ug/L	96
65) 1,2-Dichlorobenzene	11.67	146	4977	1.011 ug/L	97
68) 1,2,4-trichlorobenzene	13.29	180	2202	0.648 ug/L	88

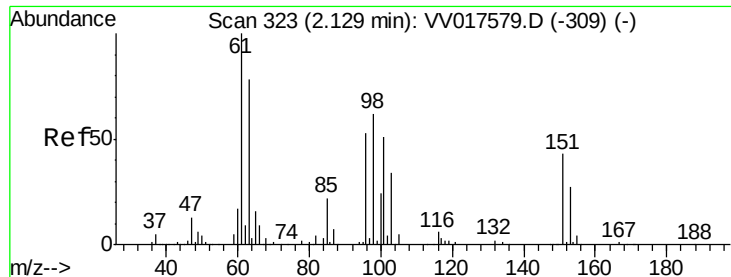
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jul 23 05:23:23 2020
Response via : Initial Calibration





#10

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

Concen: 0.658 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017593.D

Acq: 22 Jul 2020 17:09

Instrument :

MSVOA_V

ClientSampled :

VIBLK40

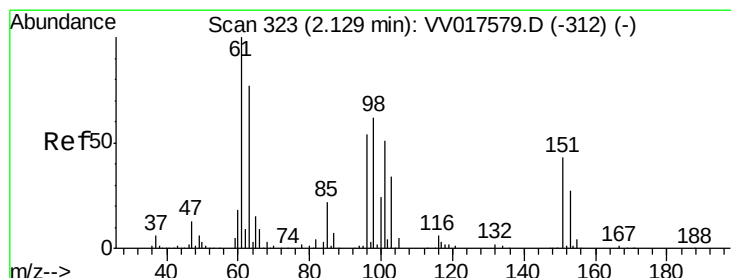
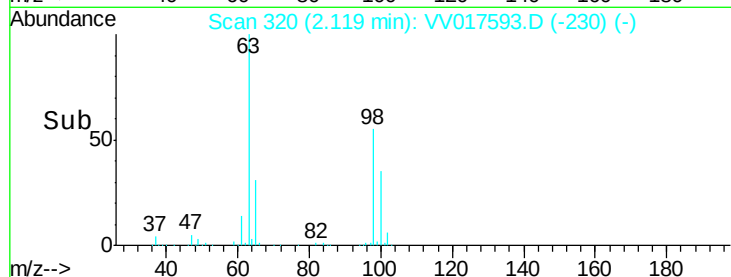
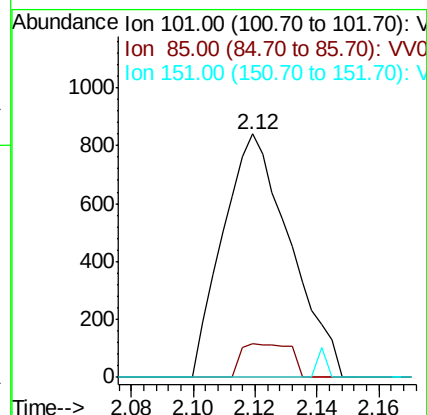
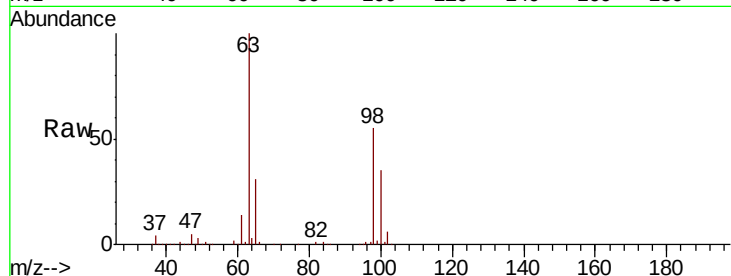
Tot Ion:101 Resp: 1266

Ion Ratio Lower Upper

101 100

85 8.4 35.1 52.7#

151 0.0 67.0 100.4#



#12

1,1-Dichloroethene

Concen: 0.716 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017593.D

Acq: 22 Jul 2020 17:09

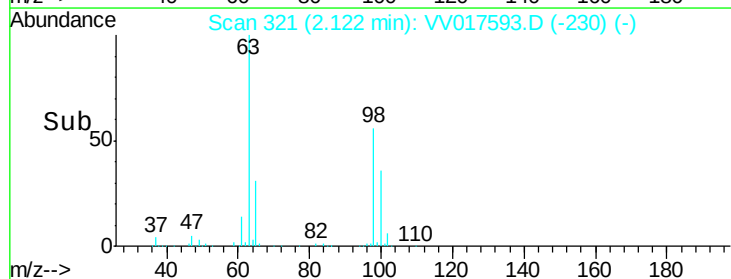
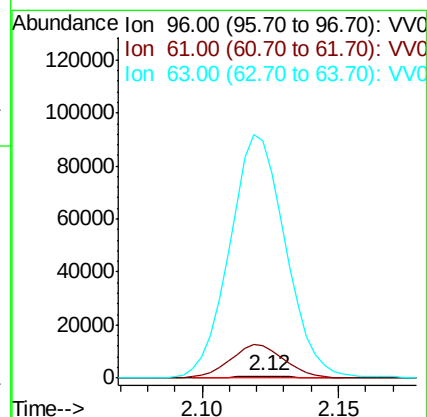
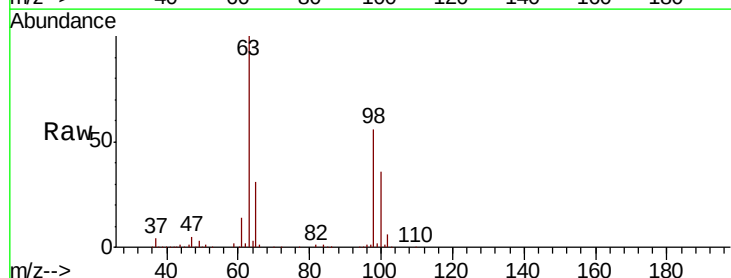
Tgt Ion: 96 Resp: 1277

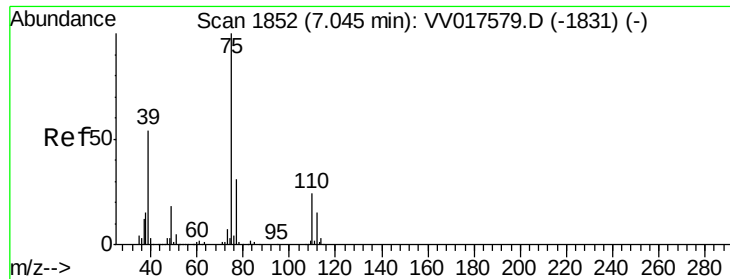
Ion Ratio Lower Upper

96 100

61 1378.9 124.5 231.3#

63 10144.8 89.0 165.4#





#39

cis-1,3-Dichloropropene

Concen: 0.994 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV017593.D

Acq: 22 Jul 2020 17:09

Instrument :

MSVOA_V

ClientSampleId :

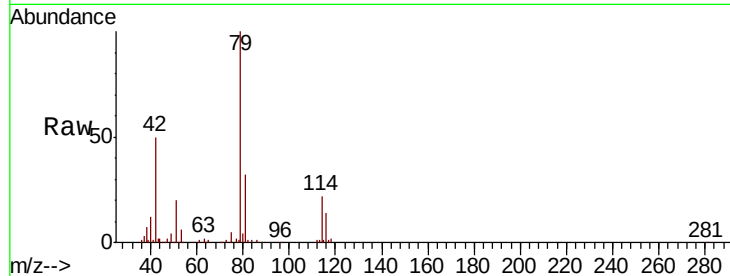
VIBLK40

Tot Ion: 75 Resp: 3746

Ion Ratio Lower Upper

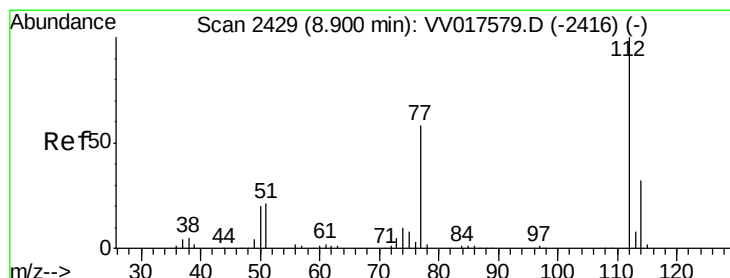
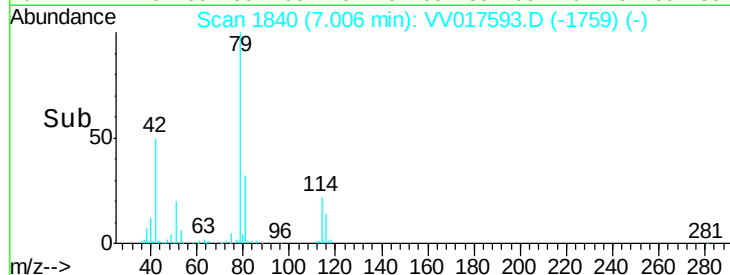
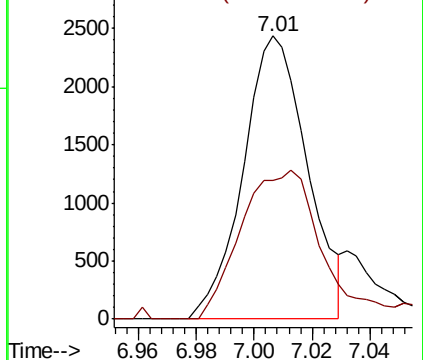
75 100

77 49.2 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#51

Chlorobenzene

Concen: 0.678 ug/L

RT: 8.91 min Scan# 2431

Delta R.T. 0.01 min

Lab File: VV017593.D

Acq: 22 Jul 2020 17:09

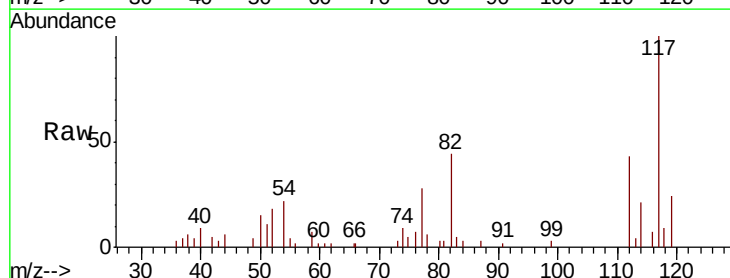
Tgt Ion: 112 Resp: 4350

Ion Ratio Lower Upper

112 100

114 48.1 21.9 40.7#

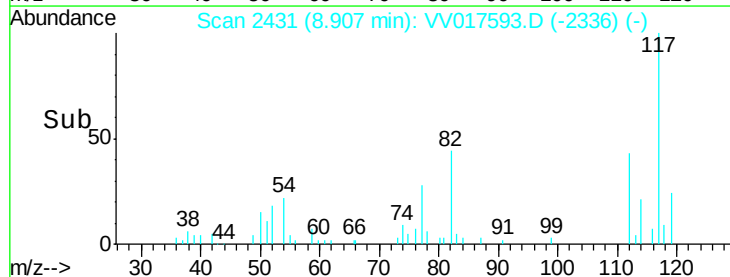
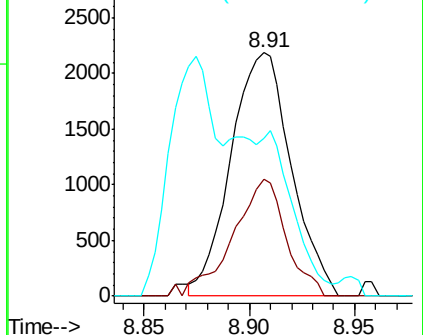
77 64.9 46.1 69.1

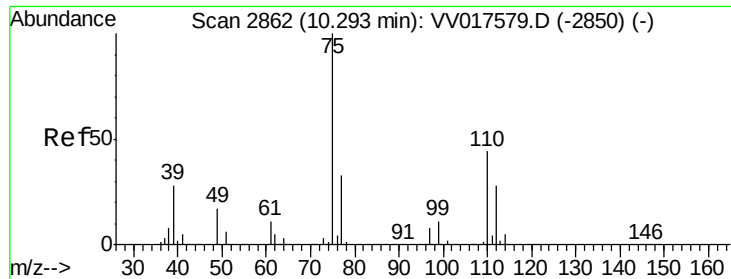


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0

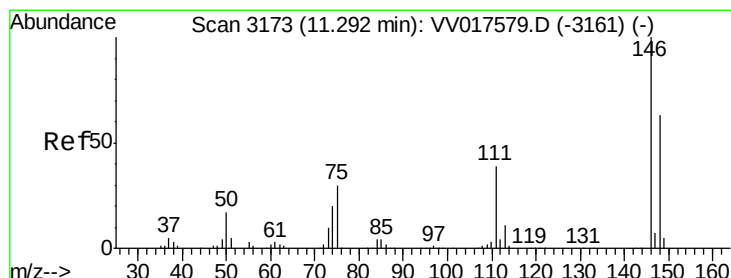
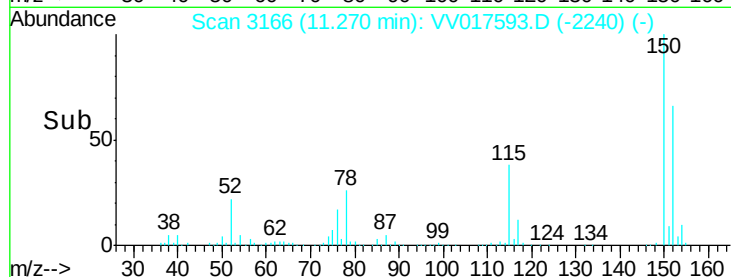
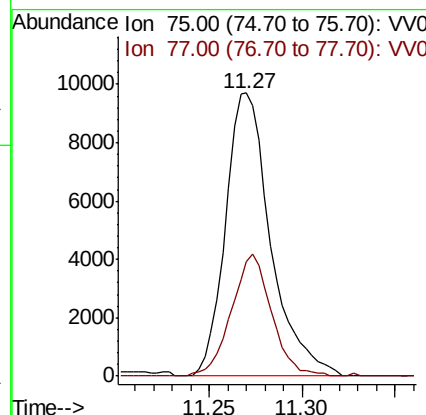
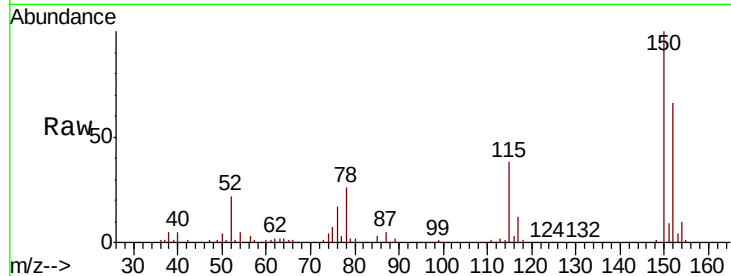




#59
 1,2,3-Trichloropropane
 Concen: 5.523 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV017593.D
 Acq: 22 Jul 2020 17:09

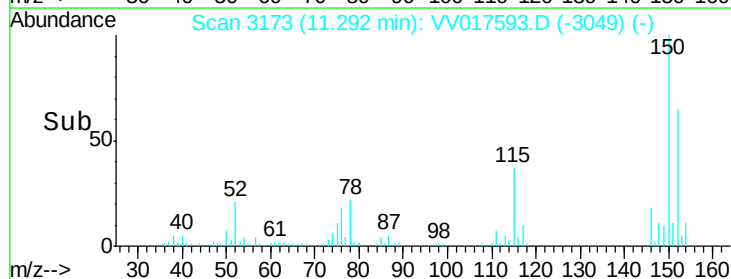
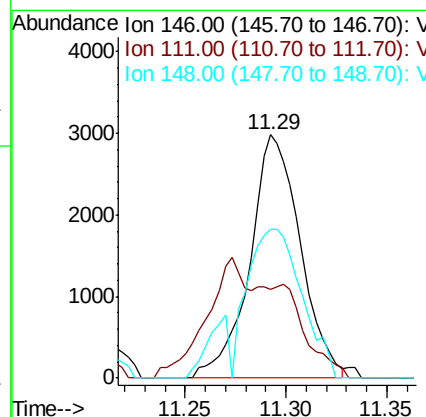
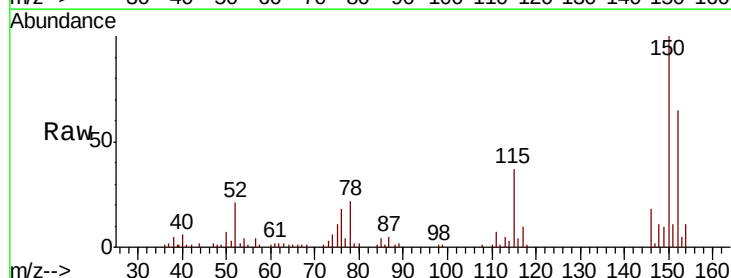
Instrument :
 MSVOA_V
 ClientSampled :
 VIBLK40

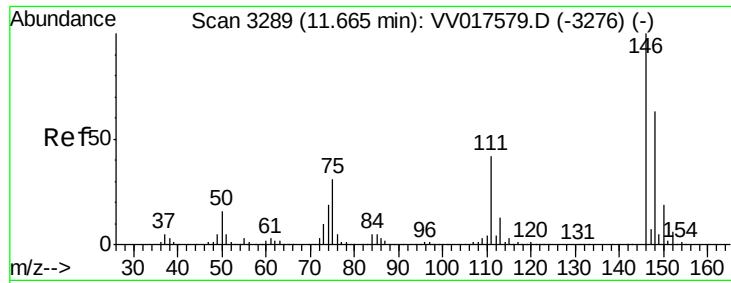
Tot Ion: 75 Resp: 16342
 Ion Ratio Lower Upper
 75 100
 77 38.3 25.9 38.9



#63
 1,4-Dichlorobenzene
 Concen: 1.049 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. -0.00 min
 Lab File: VV017593.D
 Acq: 22 Jul 2020 17:09

Tgt Ion: 146 Resp: 5199
 Ion Ratio Lower Upper
 146 100
 111 36.7 27.3 50.7
 148 61.1 45.1 83.9

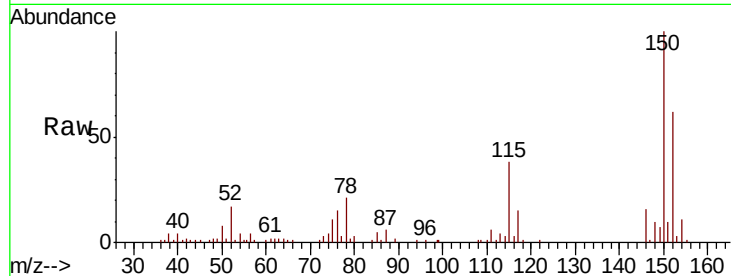




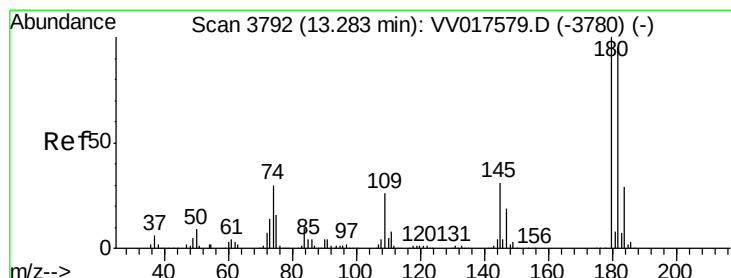
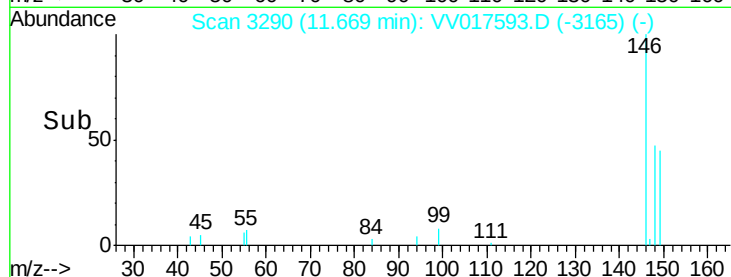
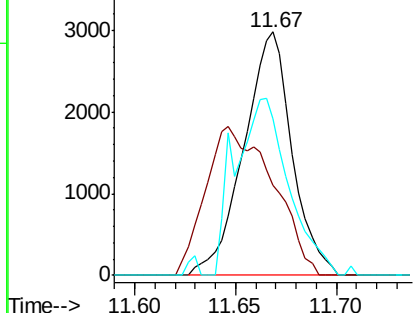
#65
 1,2-Dichlorobenzene
 Concen: 1.011 ug/L
 RT: 11.67 min Scan# 3290
 Delta R.T. 0.00 min
 Lab File: VV017593.D
 Acq: 22 Jul 2020 17:09

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK40

Tot Ion:146 Resp: 4977
 Ion Ratio Lower Upper
 146 100
 111 36.9 32.9 49.3
 148 64.5 51.0 76.4

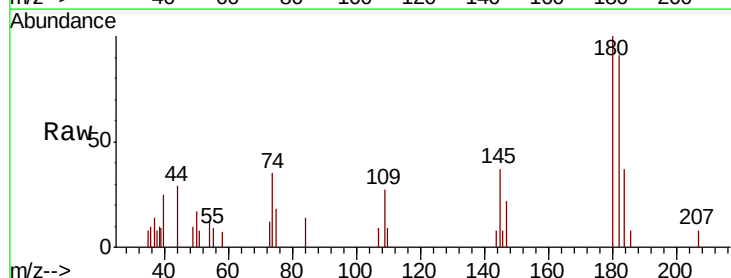


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 0.648 ug/L
 RT: 13.29 min Scan# 3794
 Delta R.T. 0.01 min
 Lab File: VV017593.D
 Acq: 22 Jul 2020 17:09

Tgt Ion:180 Resp: 2202
 Ion Ratio Lower Upper
 180 100
 182 82.6 76.2 114.4
 145 34.9 24.1 36.1



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

