

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031020\
 Data File : VV014797.D
 Acq On : 10 Mar 2020 12:56
 Operator : SY/MD
 Sample : L1834-06DL 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 11 02:00:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 11 01:57:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	409768	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	394835	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	193503	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	107234	38.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.34%
7) Chloroethane-d5	1.58	69	89940	41.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.06%
11) 1,1-Dichloroethene-d2	2.12	63	143566	31.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.32%
21) 2-Butanone-d5	3.94	46	167882	81.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.17%
24) Chloroform-d	4.38	84	240997	45.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.06	65	165832	46.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.00%
32) Benzene-d6	5.08	84	499219	47.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.78%
36) 1,2-Dichloropropane-d6	6.10	67	153635	44.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.92%
41) Toluene-d8	7.34	98	469228	45.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.92%
43) trans-1,3-Dichloropropene-	7.64	79	71765	42.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.08%
47) 2-Hexanone-d5	8.12	63	149261	97.29	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.29%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	218495	45.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.94%
64) 1,2-Dichlorobenzene-d4	11.65	152	193053	50.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.68%

Target Compounds

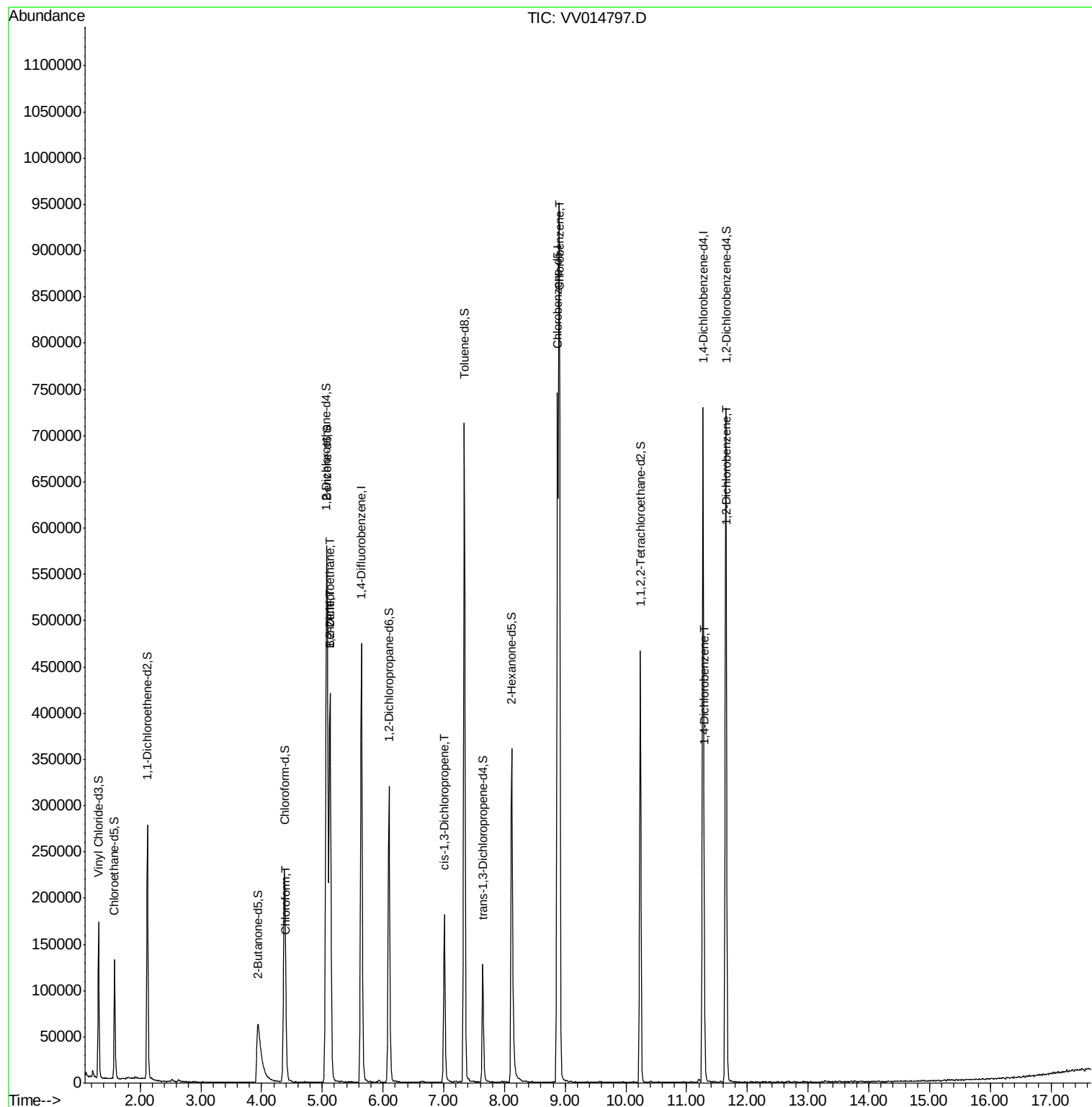
					Ovalue
25) Chloroform	4.41	83	7686	1.381 ug/L	91
27) 1,2-Dichloroethane	5.13	62	4053	0.940 ug/L	# 75
33) Benzene	5.13	78	428287	37.442 ug/L	100
39) cis-1,3-Dichloropropene	7.01	75	4632	0.956 ug/L	84
51) Chlorobenzene	8.90	112	486510	59.919 ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	31148	4.941 ug/L	98
65) 1,2-Dichlorobenzene	11.66	146	14102	2.264 ug/L	97

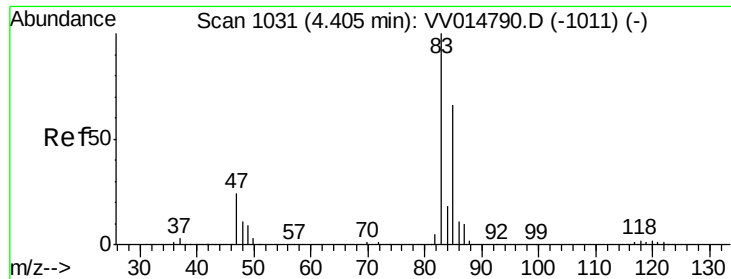
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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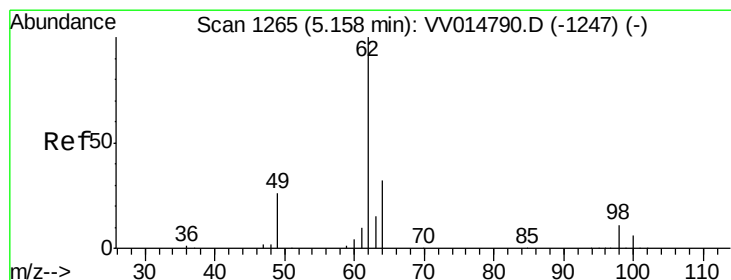
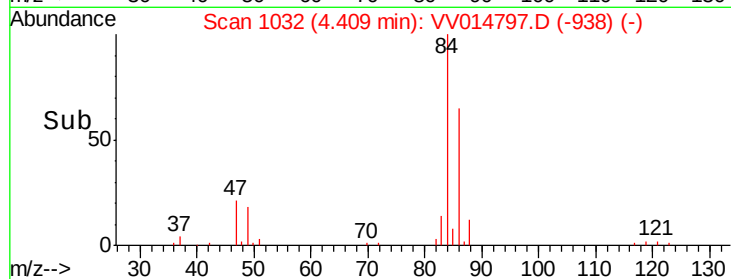
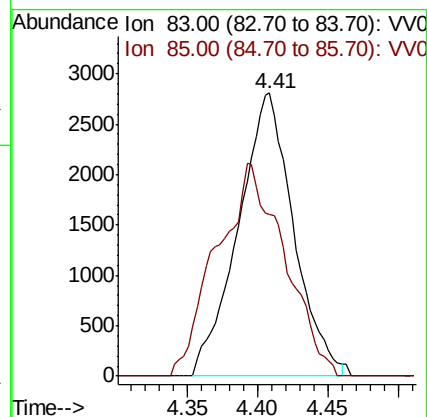
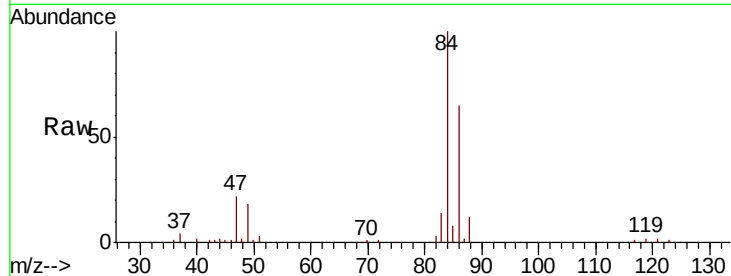




#25
Chloroform
Concen: 1.381 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.00 min
Lab File: VV014797.D
Acq: 10 Mar 2020 12:56

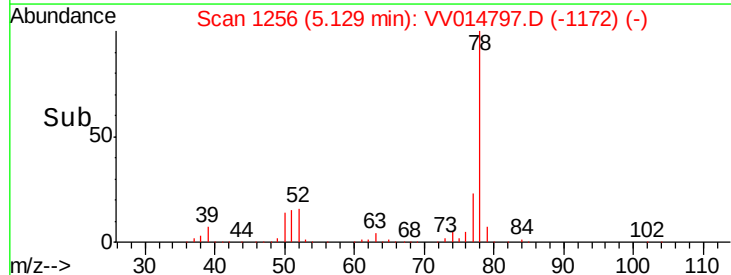
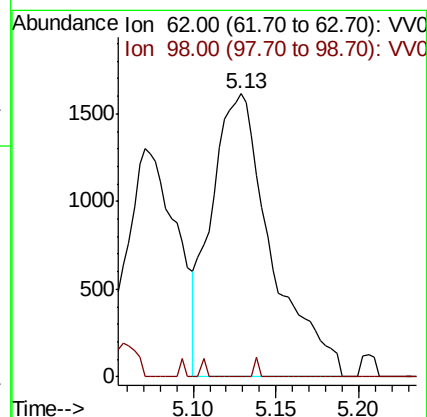
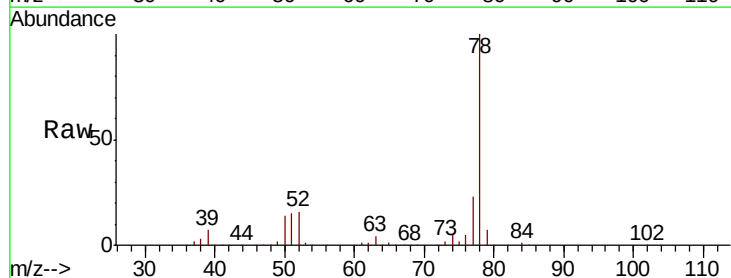
Instrument :
MSVOA_V
ClientSampled :

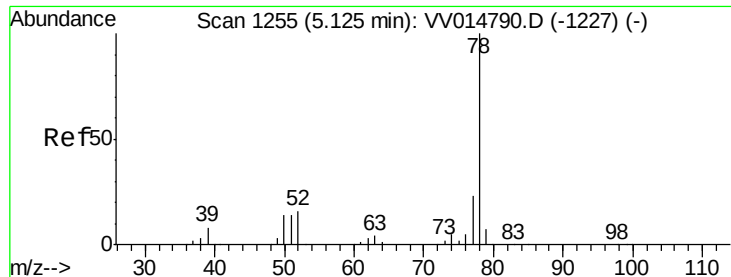
Tot Ion: 83 Resp: 7686
Ion Ratio Lower Upper
83 100
85 57.1 45.1 83.9



#27
1,2-Dichloroethane
Concen: 0.940 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. -0.03 min
Lab File: VV014797.D
Acq: 10 Mar 2020 12:56

Tgt Ion: 62 Resp: 4053
Ion Ratio Lower Upper
62 100
98 0.0 7.2 10.8#





#33

Benzene

Concen: 37.442 ug/L

RT: 5.13 min Scan# 1255

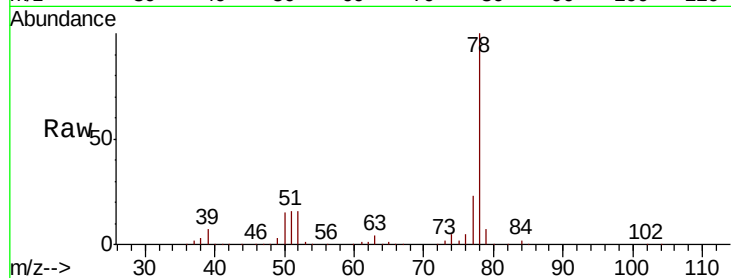
Delta R.T. 0.00 min

Lab File: VV014797.D

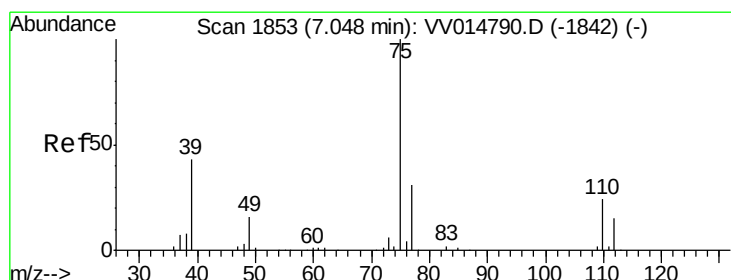
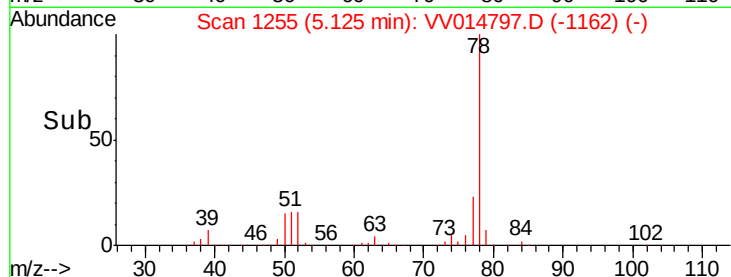
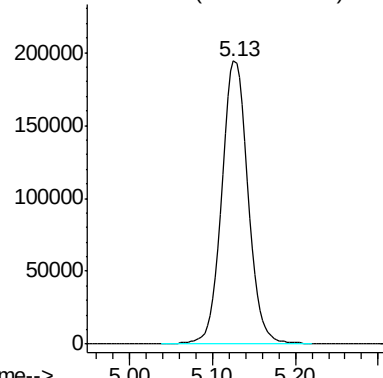
Acq: 10 Mar 2020 12:56

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 78 Resp: 428287



Abundance Ion 78.00 (77.70 to 78.70): VV0



#39

cis-1,3-Dichloropropene

Concen: 0.956 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV014797.D

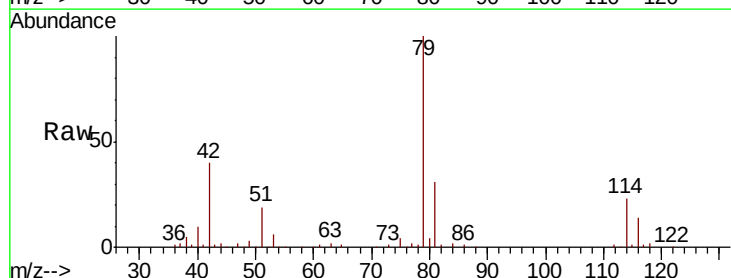
Acq: 10 Mar 2020 12:56

Tgt Ion: 75 Resp: 4632

Ion Ratio Lower Upper

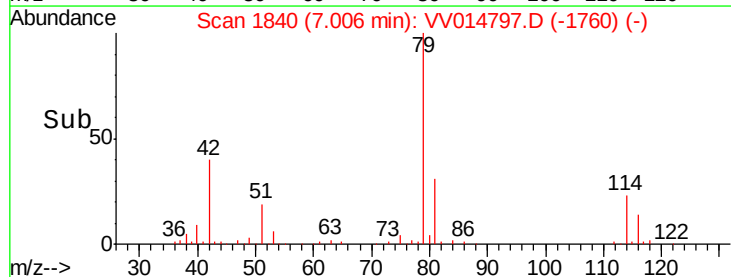
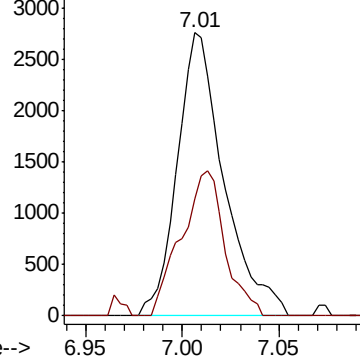
75 100

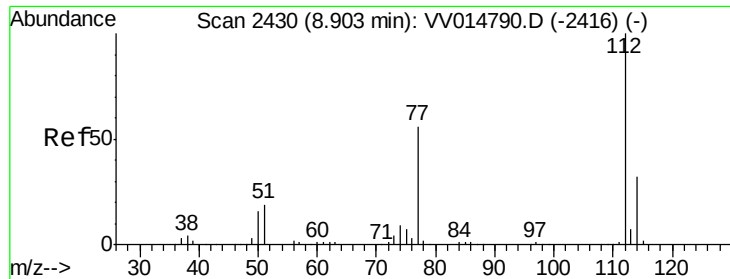
77 41.5 22.8 42.4



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#51

Chlorobenzene

Concen: 59.919 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV014797.D

Acq: 10 Mar 2020 12:56

Instrument :
MSVOA_V
ClientSampleId :

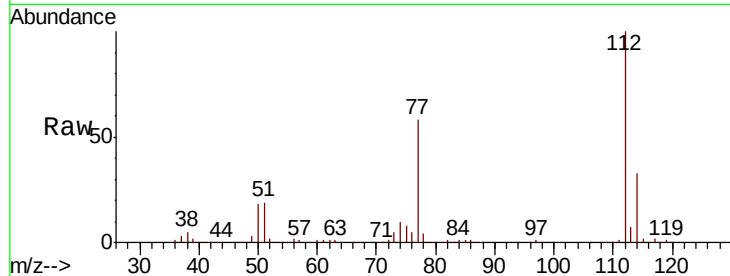
Tot Ion:112 Resp: 486510

Ion Ratio Lower Upper

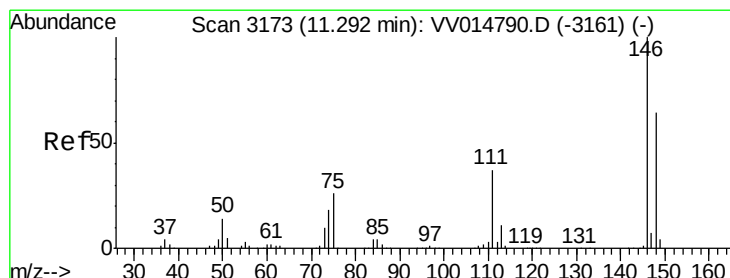
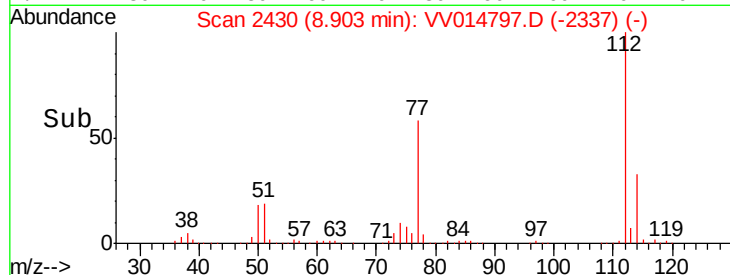
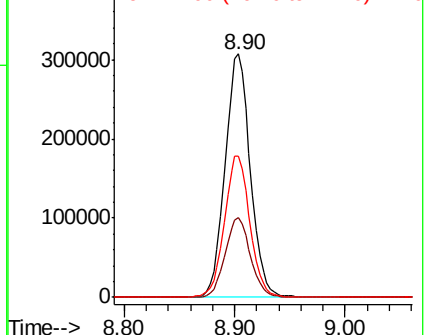
112 100

114 32.6 22.1 41.1

77 58.3 47.8 71.8



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): V



#63

1,4-Dichlorobenzene

Concen: 4.941 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.00 min

Lab File: VV014797.D

Acq: 10 Mar 2020 12:56

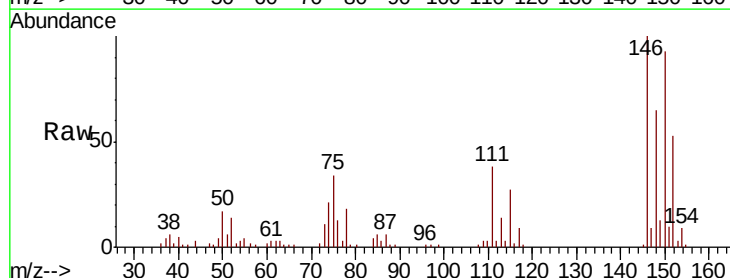
Tgt Ion:146 Resp: 31148

Ion Ratio Lower Upper

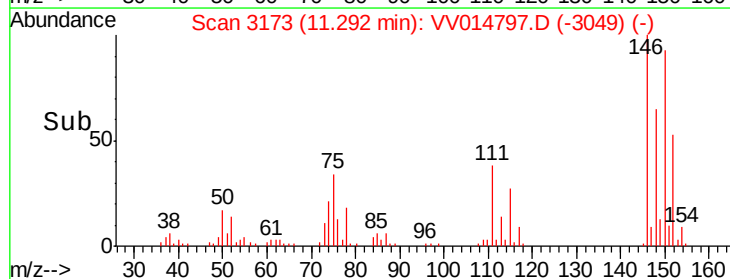
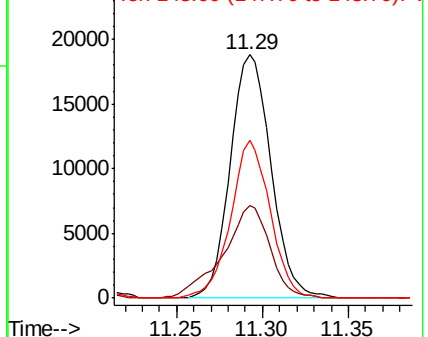
146 100

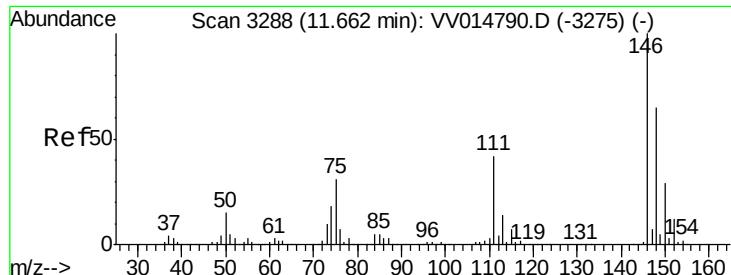
111 38.1 26.3 48.9

148 64.8 44.0 81.8



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

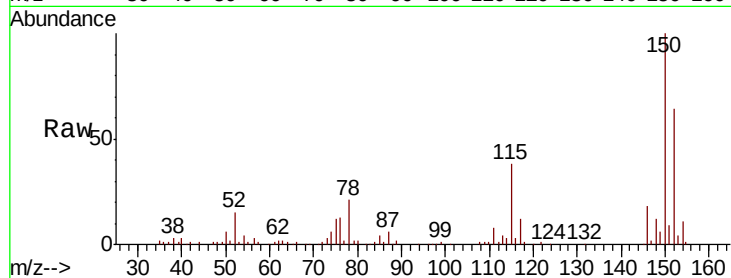




#65
 1,2-Dichlorobenzene
 Concen: 2.264 ug/L
 RT: 11.66 min Scan# 3288
 Delta R.T. 0.00 min
 Lab File: VV014797.D
 Acq: 10 Mar 2020 12:56

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:146 Resp: 14102
 Ion Ratio Lower Upper
 146 100
 111 42.7 33.9 50.9
 148 67.8 51.4 77.0



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

