

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031720\
 Data File : VV014989.D
 Acq On : 17 Mar 2020 21:27
 Operator : SY/MD
 Sample : L1941-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DB8

Quant Time: Mar 18 07:37:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 18 05:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	324371	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	317734	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	155428	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	93756	43.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.78%
7) Chloroethane-d5	1.58	69	70527	43.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.88%
11) 1,1-Dichloroethene-d2	2.12	63	108595	32.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.50%
21) 2-Butanone-d5	3.93	46	113305	85.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.99%
24) Chloroform-d	4.38	84	199773	44.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.74%
26) 1,2-Dichloroethane-d4	5.06	65	134991	47.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.64%
32) Benzene-d6	5.08	84	409823	46.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.64%
36) 1,2-Dichloropropane-d6	6.10	67	121665	46.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.36%
41) Toluene-d8	7.34	98	398017	45.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.96%
43) trans-1,3-Dichloropropene-	7.64	79	55851	40.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.60%
47) 2-Hexanone-d5	8.12	63	108468	92.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.19%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	175361	45.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.90%
64) 1,2-Dichlorobenzene-d4	11.65	152	169451	49.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.54%

Target Compounds

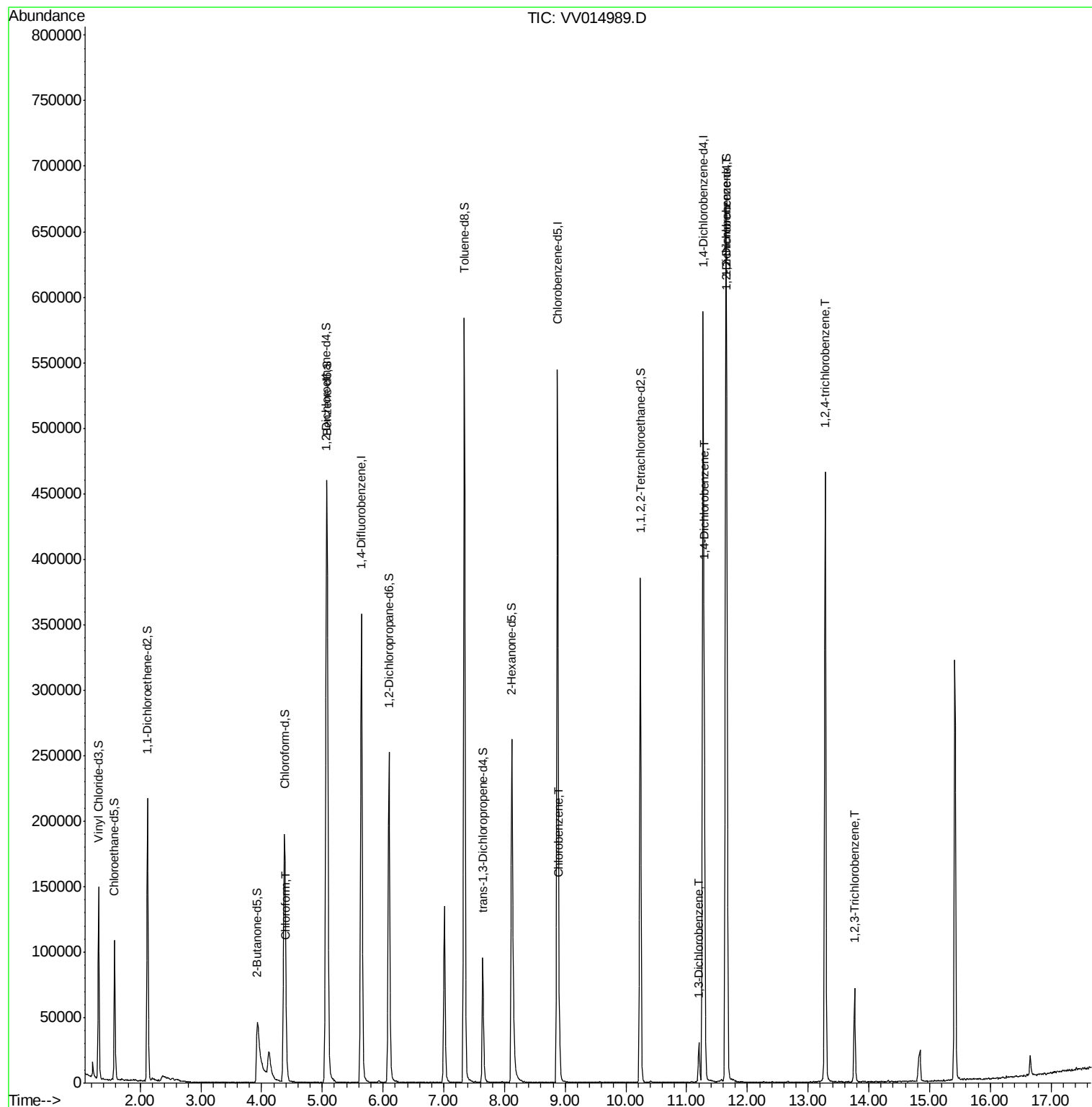
					Ovalue
25) Chloroform	4.41	83	8625	2.031 ug/L	94
51) Chlorobenzene	8.90	112	19861	2.965 ug/L	96
62) 1,3-Dichlorobenzene	11.20	146	12839	2.507 ug/L	95
63) 1,4-Dichlorobenzene	11.29	146	94806	18.375 ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	132988	25.993 ug/L	97
68) 1,2,4-trichlorobenzene	13.28	180	159656	44.605 ug/L	98
70) 1,2,3-Trichlorobenzene	13.77	180	24360	6.875 ug/L	98

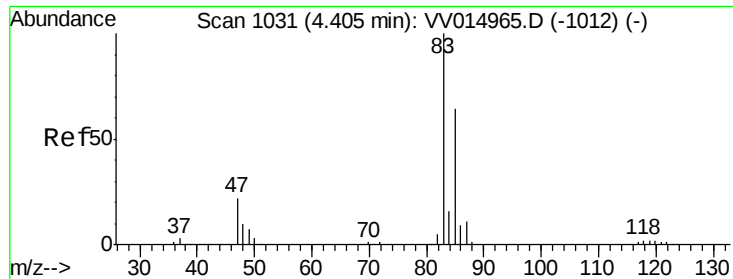
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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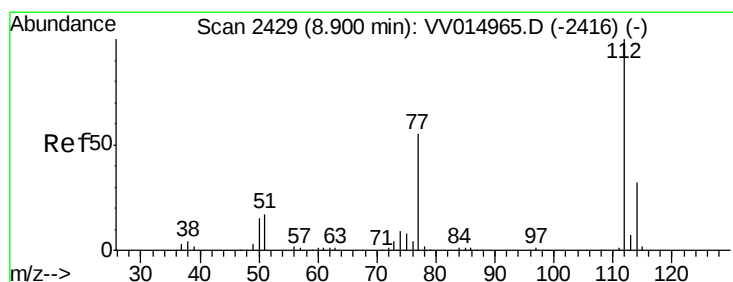
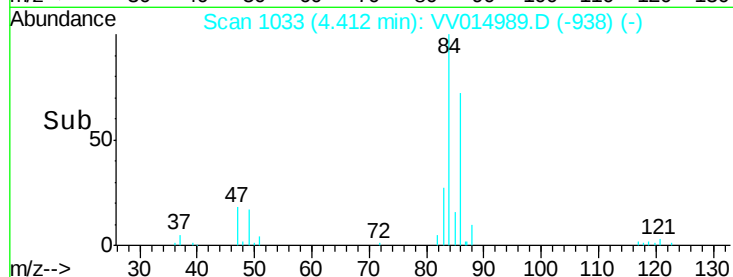
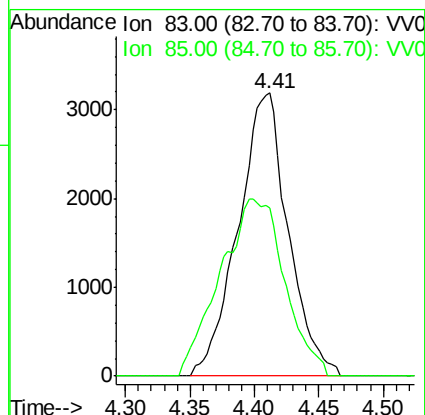
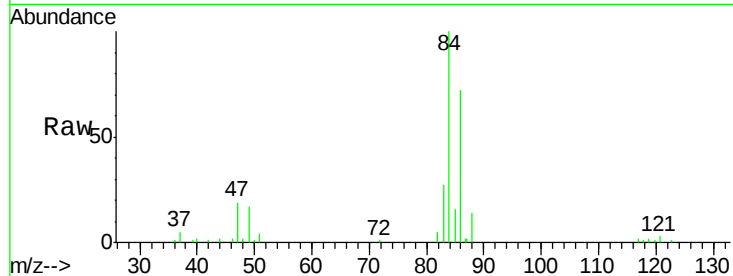




#25
Chloroform
Concen: 2.031 ug/L
RT: 4.41 min Scan# 1033
Delta R.T. 0.01 min
Lab File: VV014989.D
Acq: 17 Mar 2020 21:27

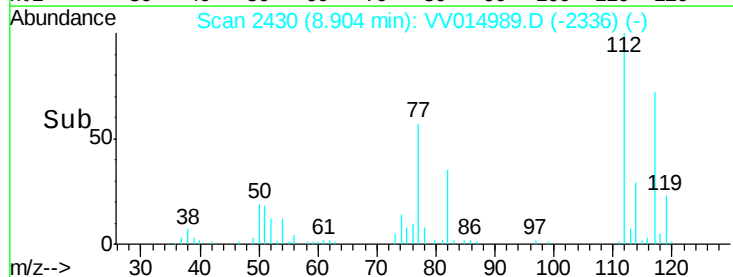
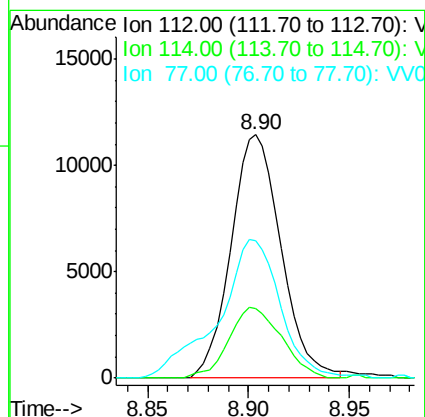
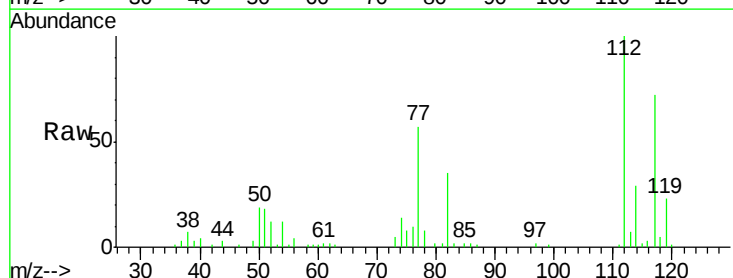
Instrument :
MSVOA_V
ClientSampled :
C0DB8

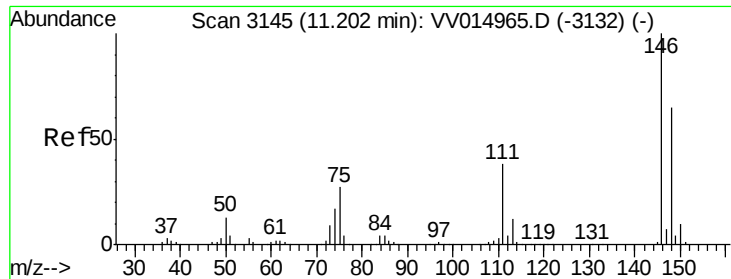
Tot Ion: 83 Resp: 8625
Ion Ratio Lower Upper
83 100
85 59.3 44.6 82.8



#51
Chlorobenzene
Concen: 2.965 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV014989.D
Acq: 17 Mar 2020 21:27

Tgt Ion: 112 Resp: 19861
Ion Ratio Lower Upper
112 100
114 28.5 22.8 42.4
77 56.7 44.5 66.7

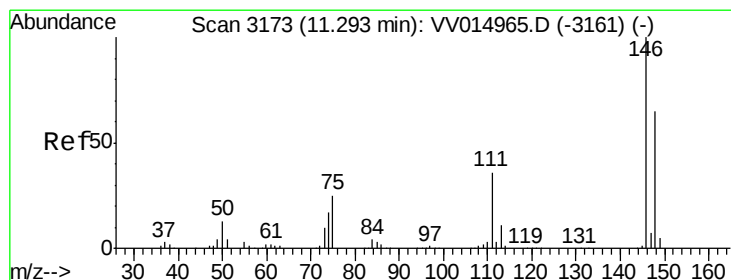
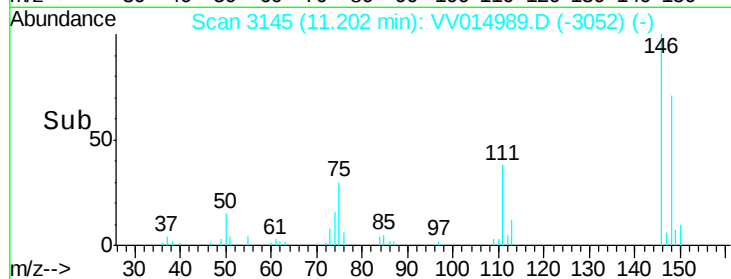
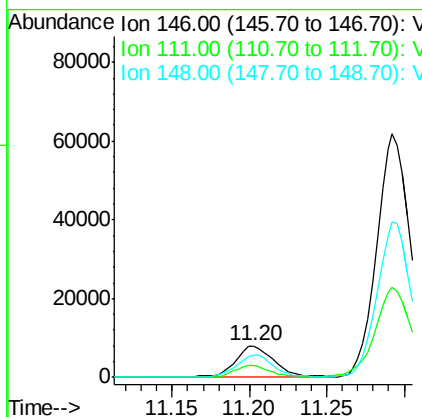
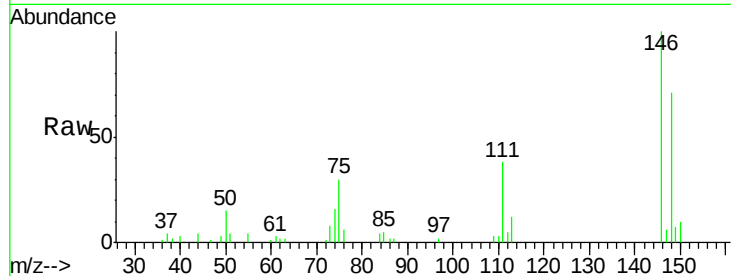




#62
 1,3-Dichlorobenzene
 Concen: 2.507 ug/L
 RT: 11.20 min Scan# 3145
 Delta R.T. -0.00 min
 Lab File: VV014989.D
 Acq: 17 Mar 2020 21:27

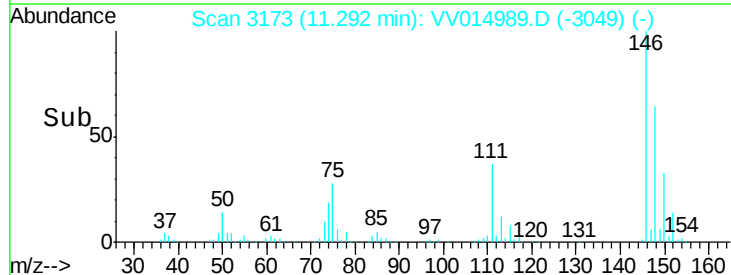
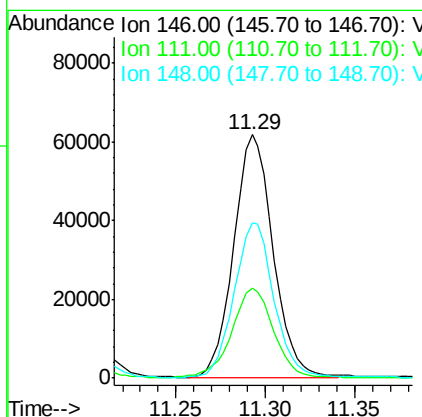
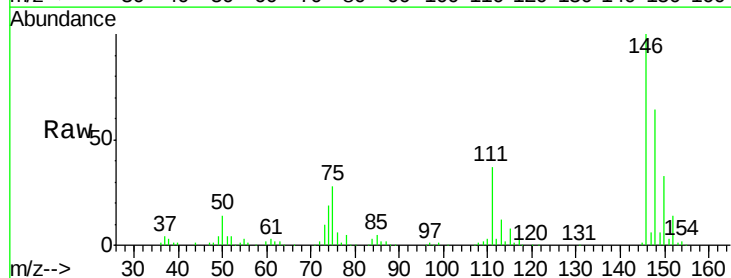
Instrument :
 MSVOA_V
 ClientSampleId :
 C0DB8

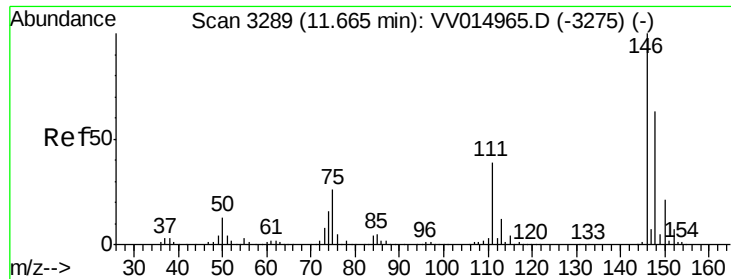
Tot Ion:146 Resp: 12839
 Ion Ratio Lower Upper
 146 100
 111 37.9 26.5 49.3
 148 71.4 45.4 84.2



#63
 1,4-Dichlorobenzene
 Concen: 18.375 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. -0.00 min
 Lab File: VV014989.D
 Acq: 17 Mar 2020 21:27

Tgt Ion:146 Resp: 94806
 Ion Ratio Lower Upper
 146 100
 111 36.9 26.0 48.2
 148 64.0 46.1 85.5





#65

1,2-Dichlorobenzene

Concen: 25.993 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. -0.00 min

Lab File: VV014989.D

Acq: 17 Mar 2020 21:27

Instrument :

MSVOA_V

ClientSampleId :

C0DB8

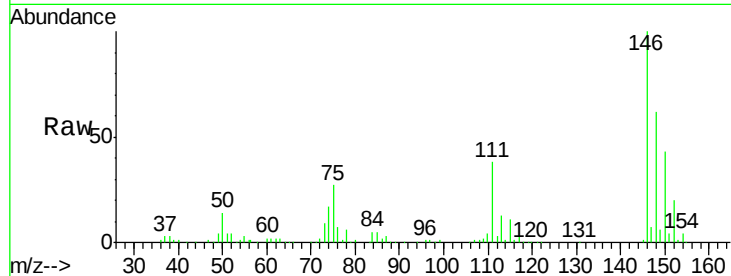
Tot Ion:146 Resp: 132988

Ion Ratio Lower Upper

146 100

111 37.8 31.6 47.4

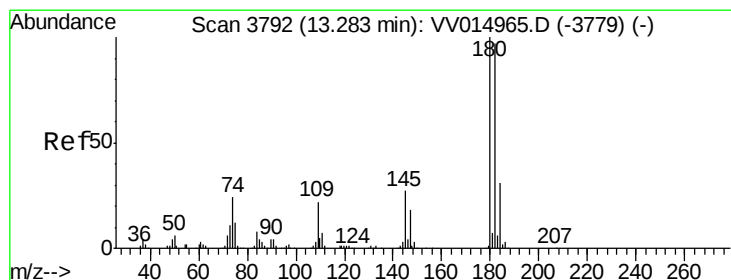
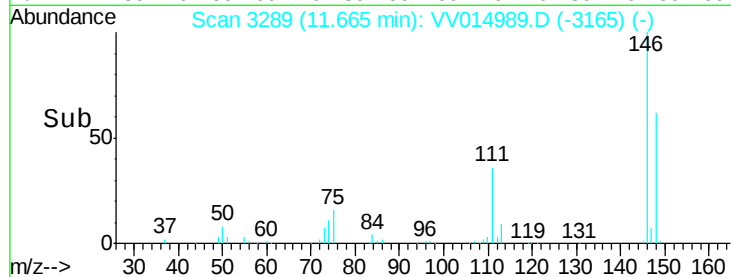
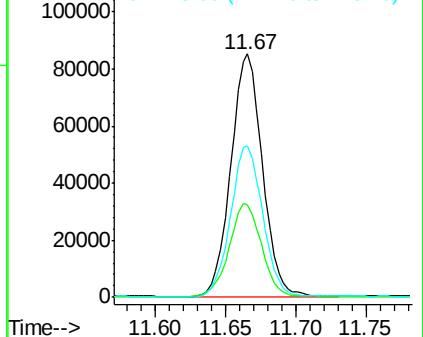
148 62.4 52.2 78.4



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: 44.605 ug/L

RT: 13.28 min Scan# 3792

Delta R.T. -0.00 min

Lab File: VV014989.D

Acq: 17 Mar 2020 21:27

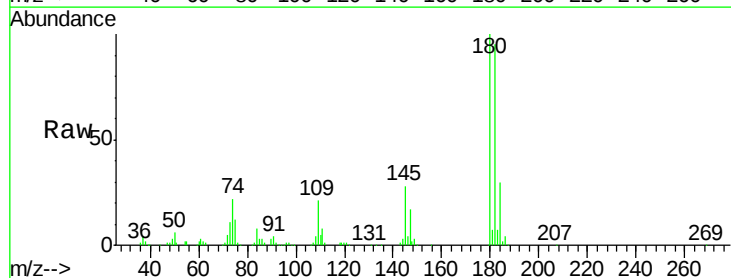
Tgt Ion:180 Resp: 159656

Ion Ratio Lower Upper

180 100

182 94.0 76.3 114.5

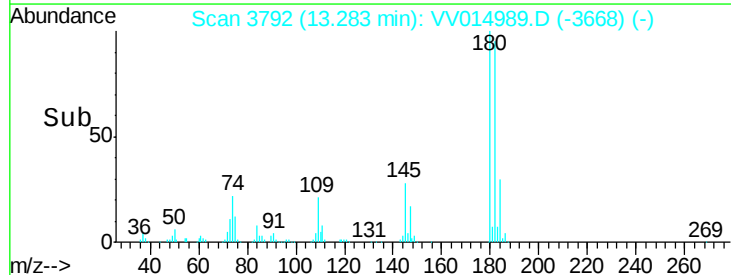
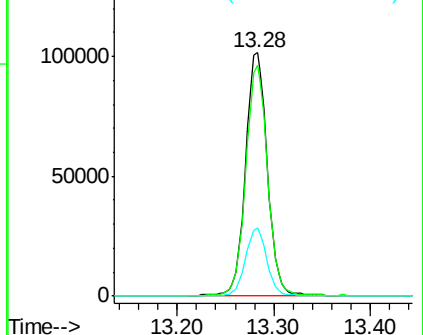
145 27.2 23.1 34.7

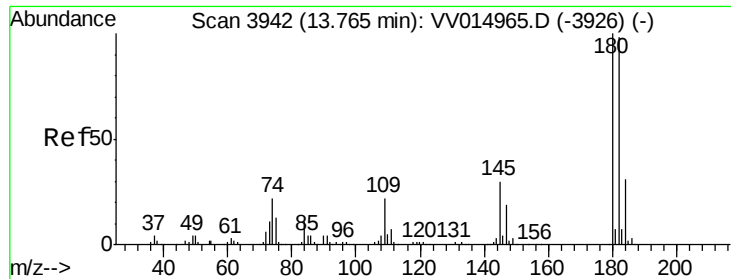


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#70
 1,2,3-Trichlorobenzene
 Concen: 6.875 ug/L
 RT: 13.77 min Scan# 3942
 Delta R.T. -0.00 min
 Lab File: VV014989.D
 Acq: 17 Mar 2020 21:27

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DB8

Tot Ion:180	Resp:	24360
Ion	Ratio	Lower Upper
180	100	
182	93.2	76.2 114.4
145	28.9	24.1 36.1

