

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030920\
 Data File : VV014782.D
 Acq On : 09 Mar 2020 17:25
 Operator : SY/MD
 Sample : L1835-10
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DJ8

Quant Time: Mar 10 16:48:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 10 14:44:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	443070	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	424487	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	209067	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	119432	39.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.66%
7) Chloroethane-d5	1.58	69	99354	41.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.82%
11) 1,1-Dichloroethene-d2	2.12	63	154401	30.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.98%
21) 2-Butanone-d5	3.94	46	207077	92.60	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.60%
24) Chloroform-d	4.38	84	250406	44.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.20%
26) 1,2-Dichloroethane-d4	5.06	65	173355	44.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.90%
32) Benzene-d6	5.08	84	526148	46.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.88%
36) 1,2-Dichloropropane-d6	6.10	67	164333	44.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.48%
41) Toluene-d8	7.34	98	499963	45.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.08%
43) trans-1,3-Dichloropropene-	7.64	79	79492	43.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.66%
47) 2-Hexanone-d5	8.12	63	162266	98.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.38%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	228762	44.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.54%
64) 1,2-Dichlorobenzene-d4	11.65	152	198993	48.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.04%

Target Compounds

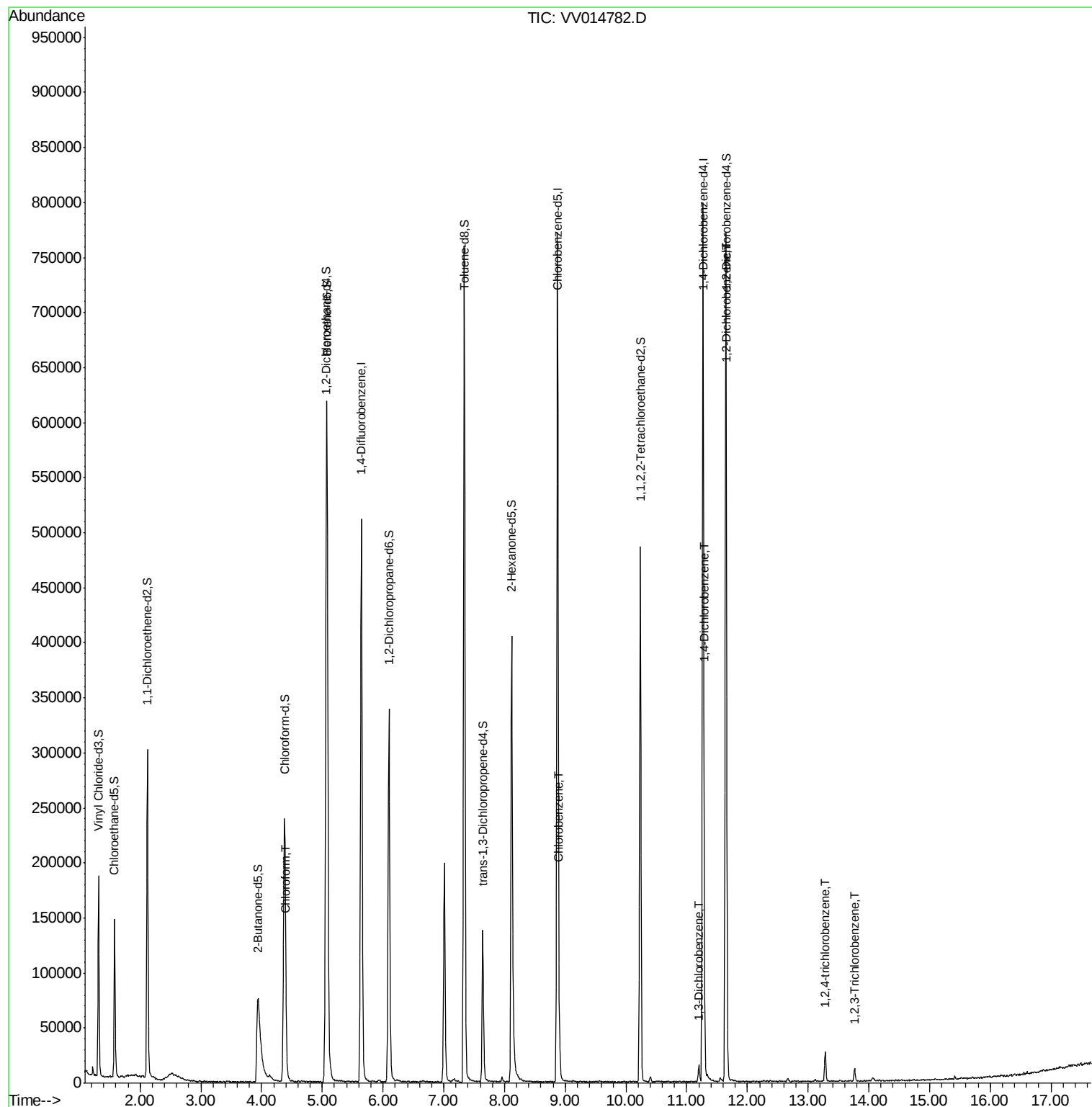
					Ovalue
25) Chloroform	4.41	83	6198	1.030 ug/L	90
51) Chlorobenzene	8.90	112	17324	1.985 ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	6238	0.923 ug/L	91
63) 1,4-Dichlorobenzene	11.29	146	27930	4.101 ug/L	97
65) 1,2-Dichlorobenzene	11.66	146	21442	3.186 ug/L	96
68) 1,2,4-trichlorobenzene	13.28	180	8526	1.774 ug/L	94
70) 1,2,3-Trichlorobenzene	13.77	180	3453	0.721 ug/L	93

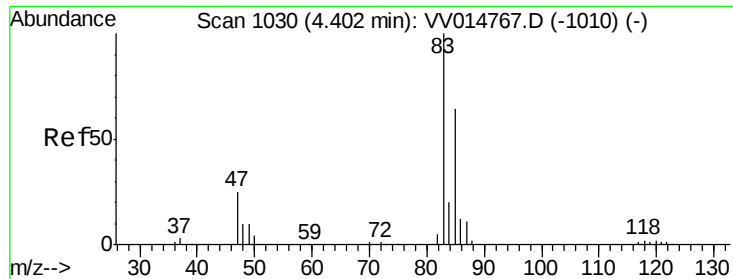
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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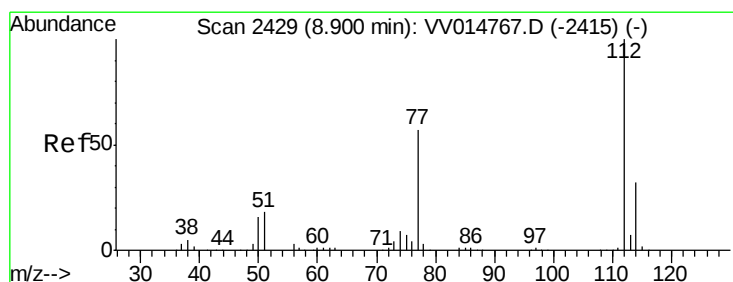
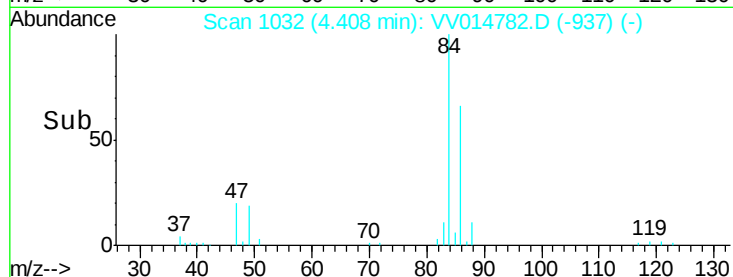
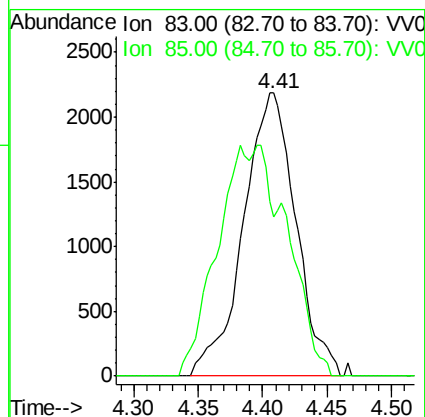
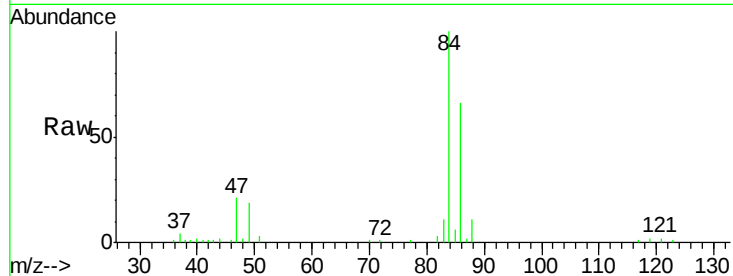




#25
Chloroform
Concen: 1.030 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV014782.D
Acq: 09 Mar 2020 17:25

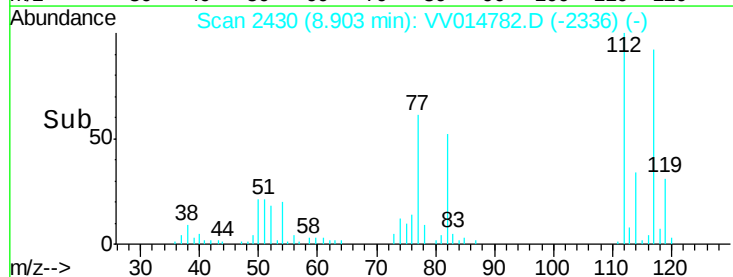
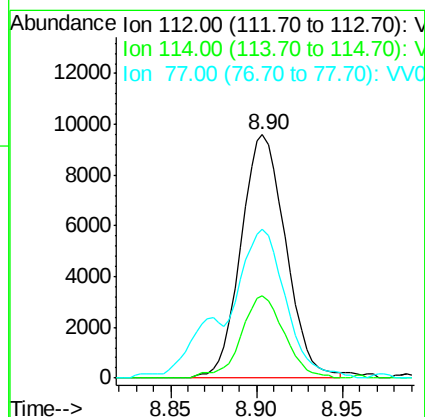
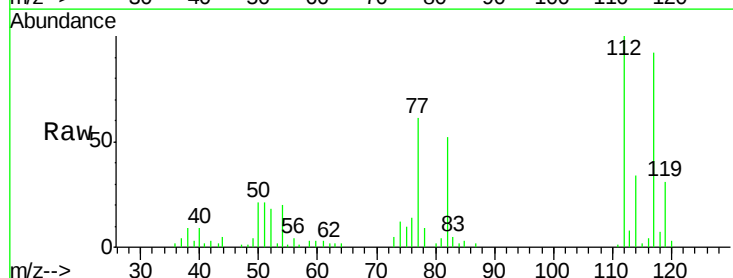
Instrument :
MSVOA_V
ClientSampleId :
C0DJ8

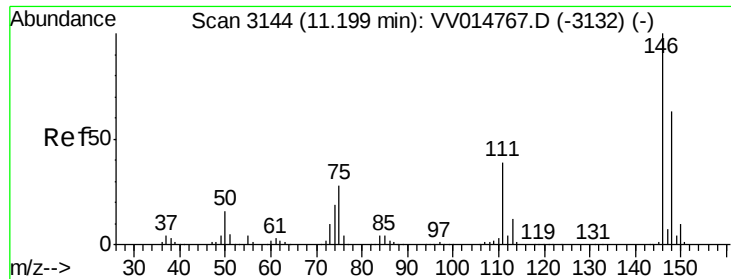
Tot Ion: 83 Resp: 6198
Ion Ratio Lower Upper
83 100
85 56.5 45.1 83.9



#51
Chlorobenzene
Concen: 1.985 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV014782.D
Acq: 09 Mar 2020 17:25

Tgt Ion: 112 Resp: 17324
Ion Ratio Lower Upper
112 100
114 33.7 22.1 41.1
77 61.1 47.8 71.8

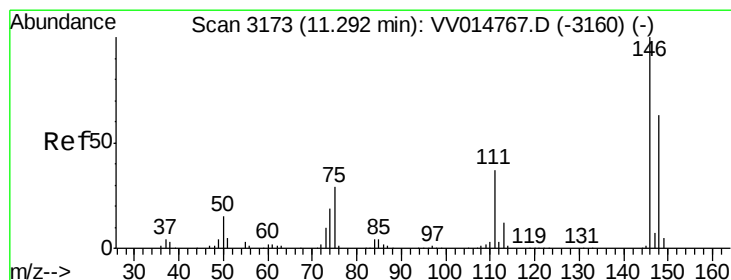
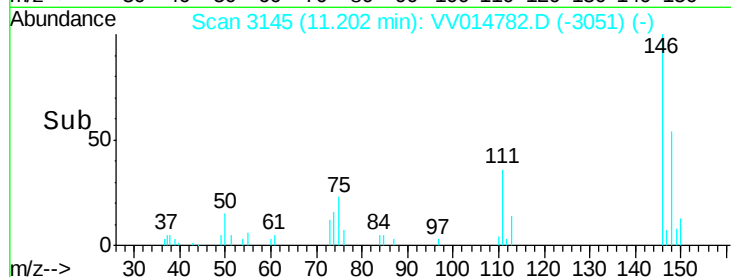
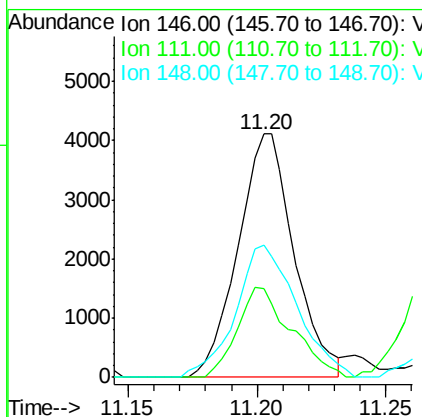
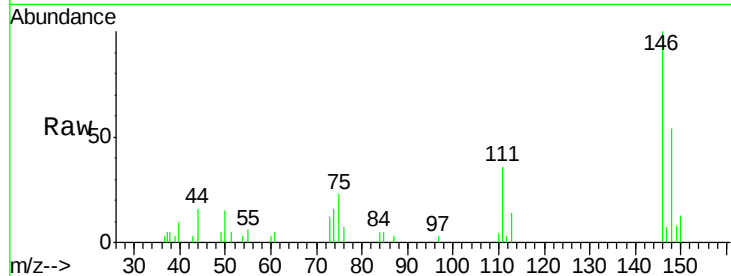




#62
 1,3-Dichlorobenzene
 Concen: 0.923 ug/L
 RT: 11.20 min Scan# 3145
 Delta R.T. 0.00 min
 Lab File: VV014782.D
 Acq: 09 Mar 2020 17:25

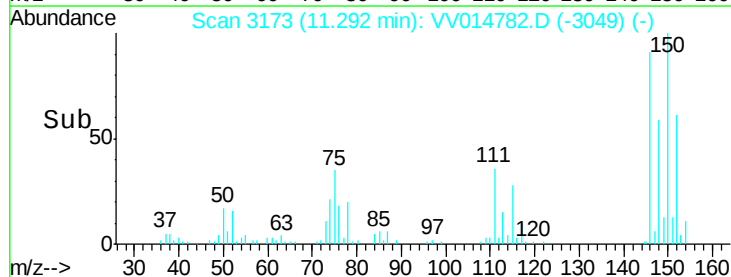
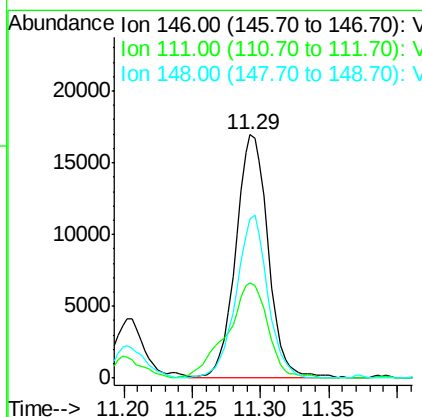
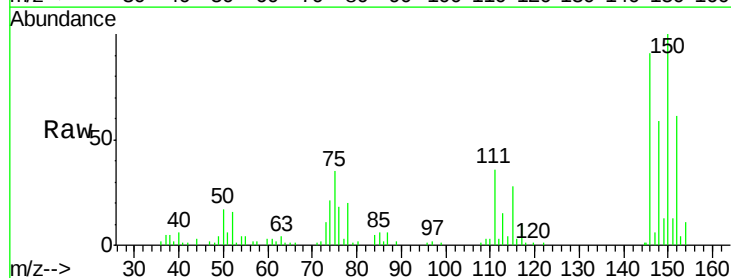
Instrument :
 MSVOA_V
 ClientSampled :
 C0DJ8

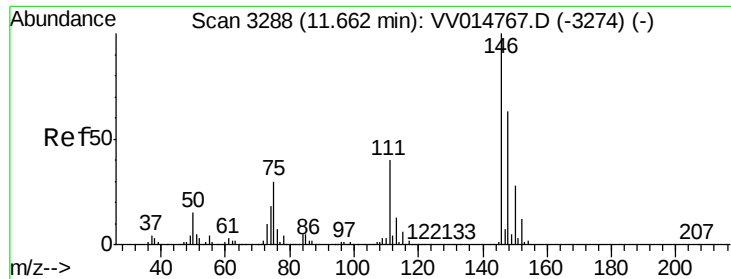
Tot Ion:146 Resp: 6238
 Ion Ratio Lower Upper
 146 100
 111 36.2 27.2 50.4
 148 54.2 44.2 82.2



#63
 1,4-Dichlorobenzene
 Concen: 4.101 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.00 min
 Lab File: VV014782.D
 Acq: 09 Mar 2020 17:25

Tgt Ion:146 Resp: 27930
 Ion Ratio Lower Upper
 146 100
 111 39.3 26.3 48.9
 148 65.4 44.0 81.8





#65

1,2-Dichlorobenzene

Concen: 3.186 ug/L

RT: 11.66 min Scan# 3288

Delta R.T. 0.00 min

Lab File: VV014782.D

Acq: 09 Mar 2020 17:25

Instrument :

MSVOA_V

ClientSampleId :

C0DJ8

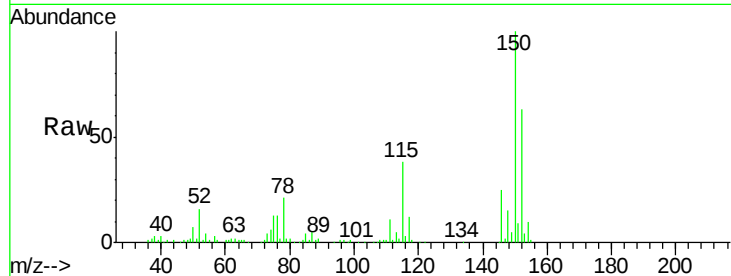
Tot Ion:146 Resp: 21442

Ion Ratio Lower Upper

146 100

111 45.9 33.9 50.9

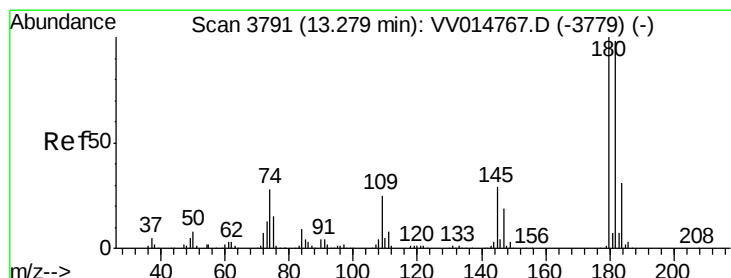
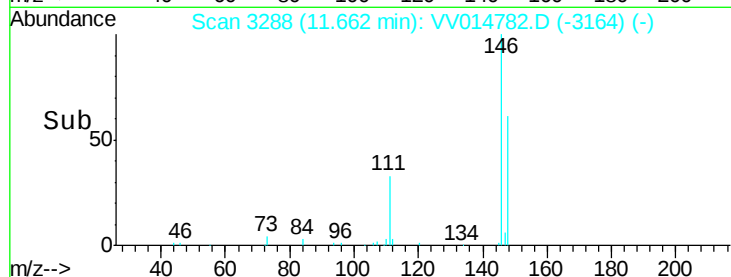
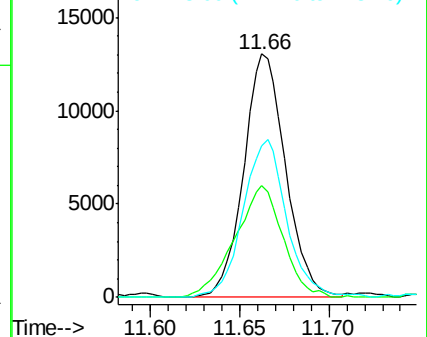
148 62.4 51.4 77.0



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



#68

1,2,4-trichlorobenzene

Concen: 1.774 ug/L

RT: 13.28 min Scan# 3792

Delta R.T. 0.00 min

Lab File: VV014782.D

Acq: 09 Mar 2020 17:25

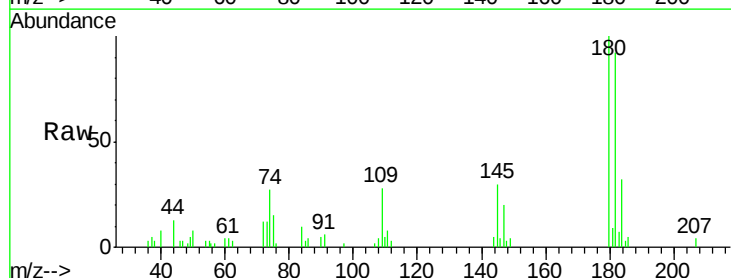
Tgt Ion:180 Resp: 8526

Ion Ratio Lower Upper

180 100

182 90.1 76.6 114.8

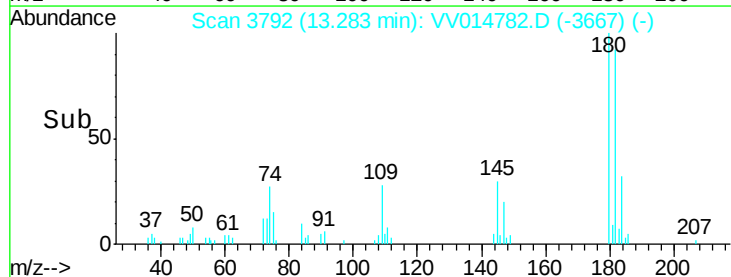
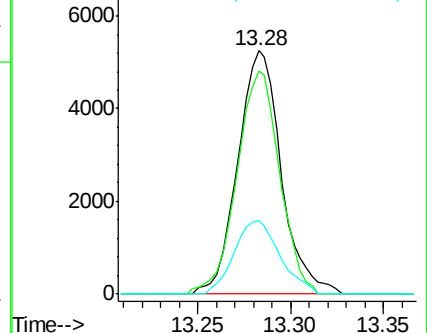
145 31.8 23.4 35.0

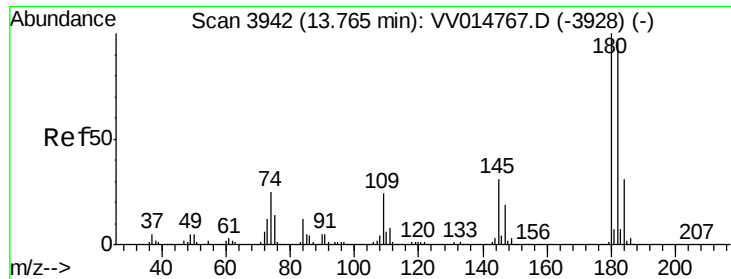


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

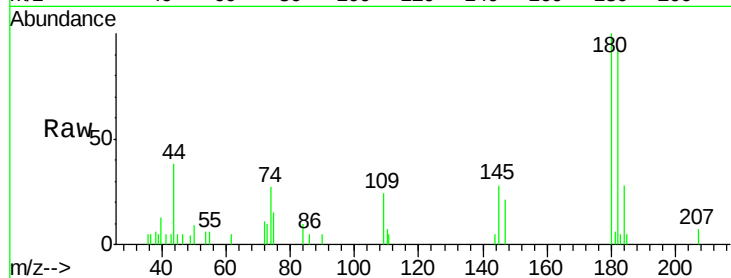




#70
 1,2,3-Trichlorobenzene
 Concen: 0.721 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. 0.00 min
 Lab File: VV014782.D
 Acq: 09 Mar 2020 17:25

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DJ8

Tot Ion:180 Resp: 3453
 Ion Ratio Lower Upper
 180 100
 182 104.4 76.5 114.7
 145 30.4 25.0 37.4



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

