

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092920\
 Data File : VV018540.D
 Acq On : 30 Sep 2020 00:58
 Operator : SY/MD
 Sample : L4141-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FG1

Quant Time: Sep 30 05:36:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 30 04:50:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	393022	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	382136	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	197477	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	99960	43.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.74%
7) Chloroethane-d5	1.58	69	94625	49.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.30%
11) 1,1-Dichloroethene-d2	2.12	63	162721	34.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.30%
21) 2-Butanone-d5	3.92	46	168415	97.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.95%
24) Chloroform-d	4.38	84	222413	44.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.24%
26) 1,2-Dichloroethane-d4	5.06	65	148793	47.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.04%
32) Benzene-d6	5.08	84	457656	47.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.56%
36) 1,2-Dichloropropane-d6	6.09	67	145220	49.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.30%
41) Toluene-d8	7.34	98	420680	46.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	7.64	79	68510	43.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.72%
47) 2-Hexanone-d5	8.11	63	100107	90.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.12%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	171863	44.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.64%
64) 1,2-Dichlorobenzene-d4	11.65	152	189925	50.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.02%

Target Compounds

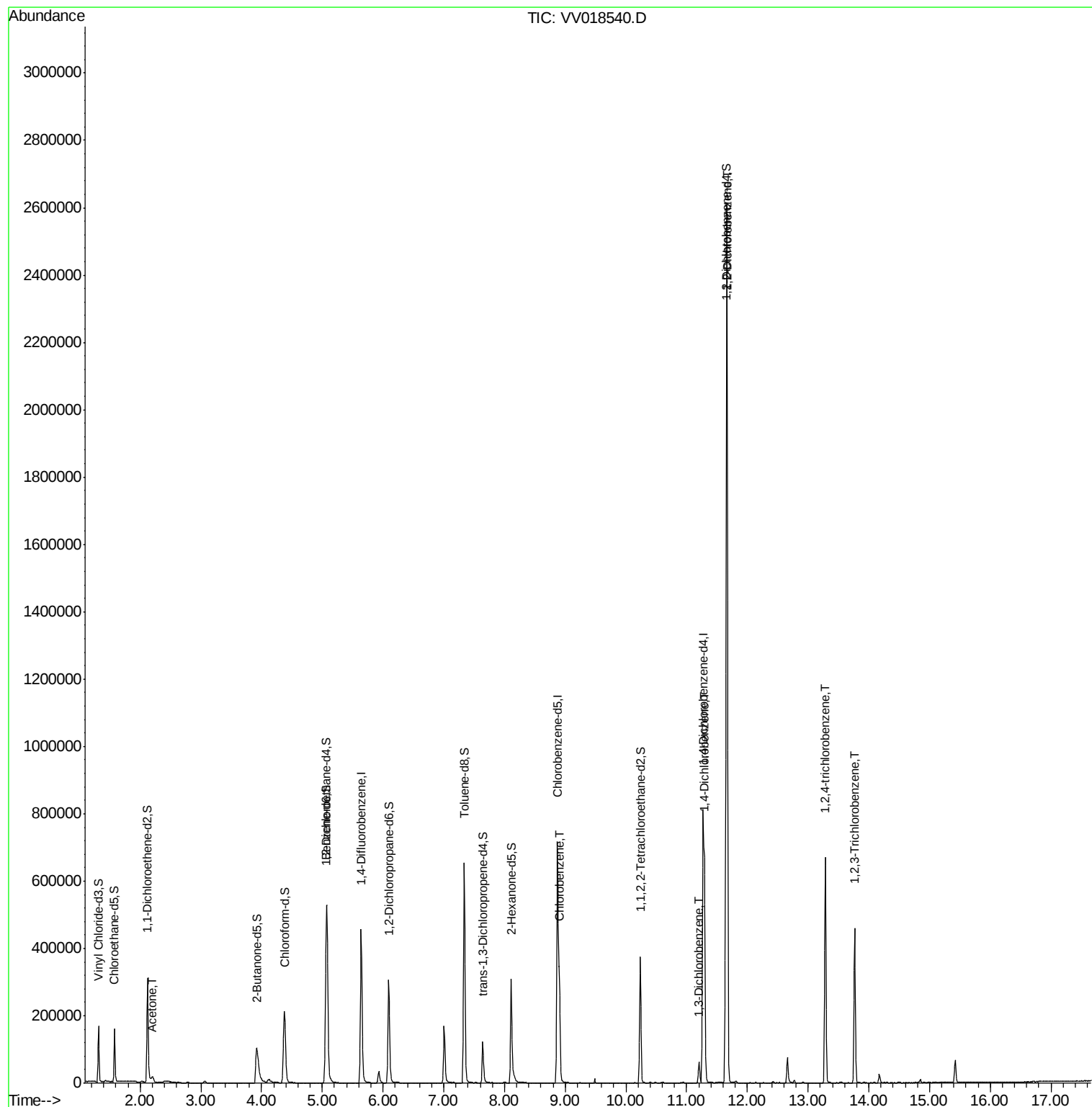
					Ovalue
13) Acetone	2.20	43	25903	17.438	ug/L 98
51) Chlorobenzene	8.90	112	175249	21.330	ug/L 99
62) 1,3-Dichlorobenzene	11.21	146	24431	3.823	ug/L 96
63) 1,4-Dichlorobenzene	11.30	146	240664	36.569	ug/L 98
65) 1,2-Dichlorobenzene	11.67	146	987628	156.208	ug/L 99
68) 1,2,4-trichlorobenzene	13.28	180	203648	49.436	ug/L 100
70) 1,2,3-Trichlorobenzene	13.77	180	141332	34.176	ug/L 98

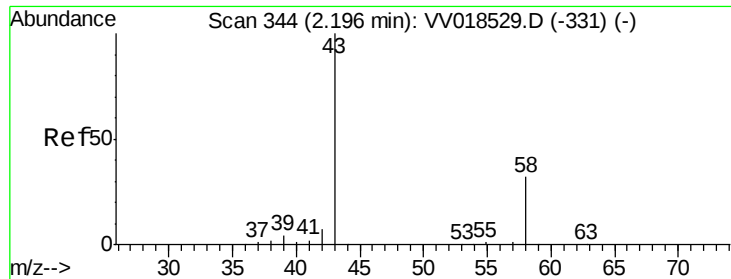
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Sep 30 04:50:47 2020
Response via : Initial Calibration





#13

Acetone

Concen: 17.438 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.00 min

Lab File: VV018540.D

Acq: 30 Sep 2020 00:58

Instrument :

MSVOA_V

ClientSampled :

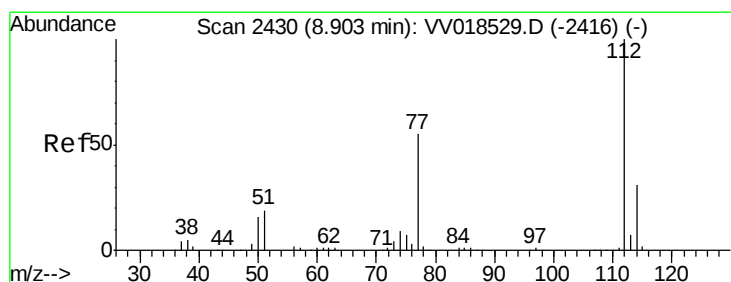
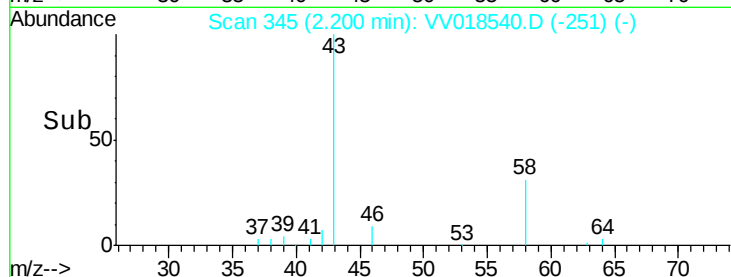
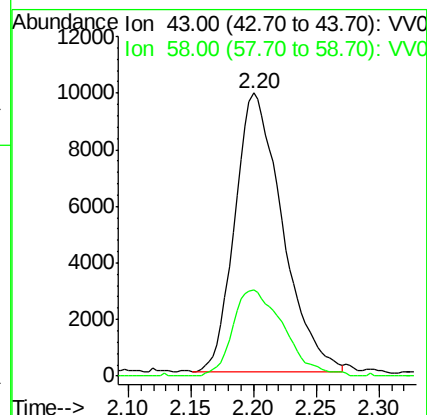
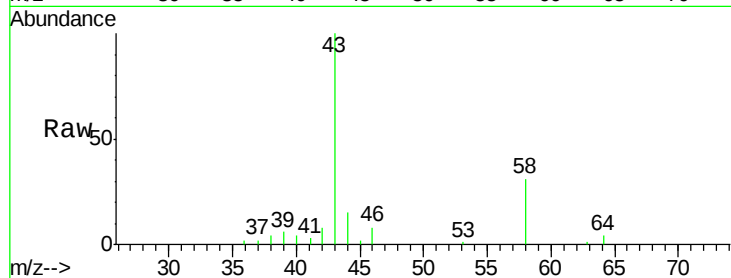
C0FG1

Tot Ion: 43 Resp: 25903

Ion Ratio Lower Upper

43 100

58 33.1 0.0 64.0



#51

Chlorobenzene

Concen: 21.330 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV018540.D

Acq: 30 Sep 2020 00:58

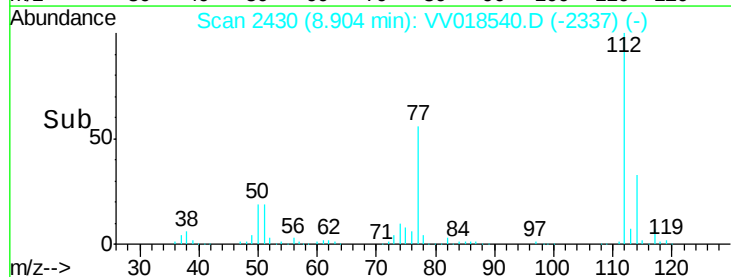
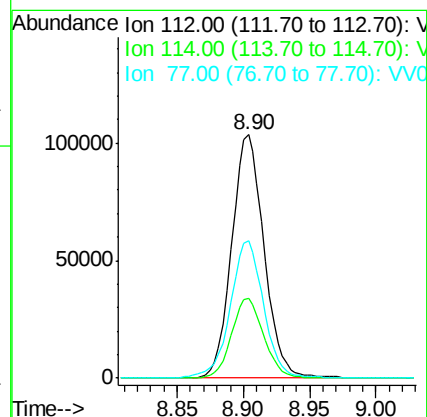
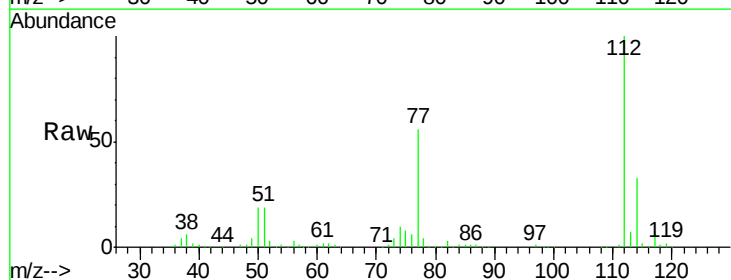
Tgt Ion: 112 Resp: 175249

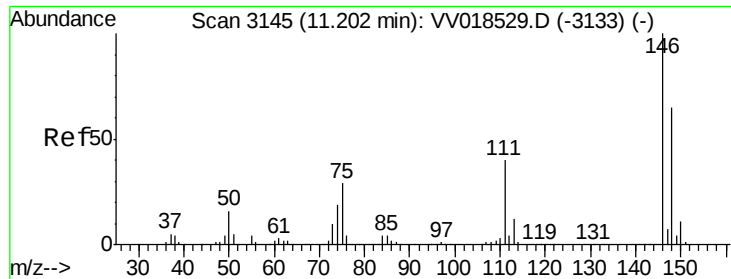
Ion Ratio Lower Upper

112 100

114 32.7 22.4 41.6

77 56.2 44.8 67.2

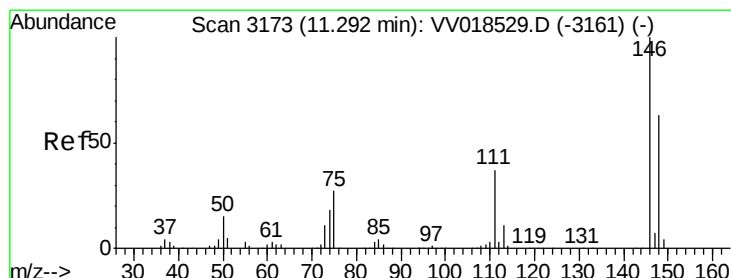
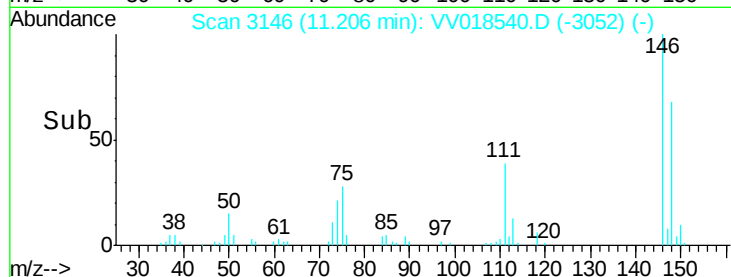
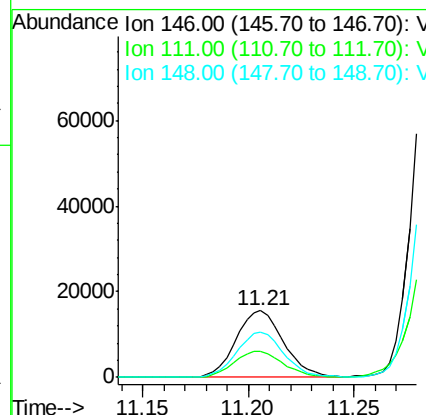
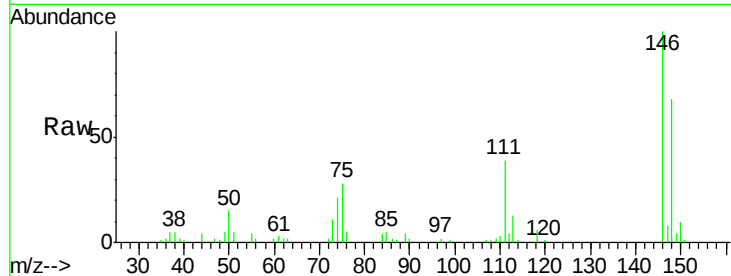




#62
 1,3-Dichlorobenzene
 Concen: 3.823 ug/L
 RT: 11.21 min Scan# 3146
 Delta R.T. 0.00 min
 Lab File: VV018540.D
 Acq: 30 Sep 2020 00:58

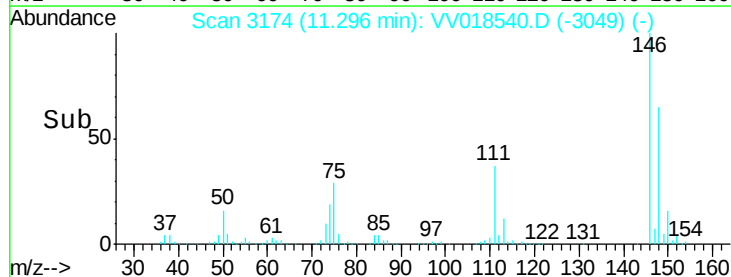
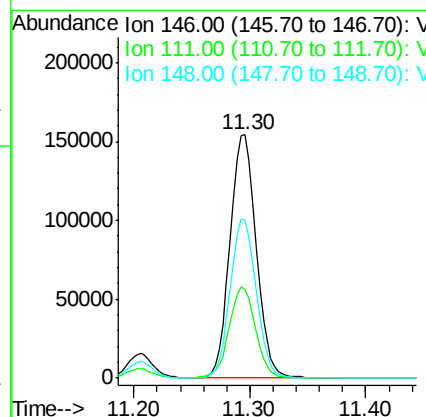
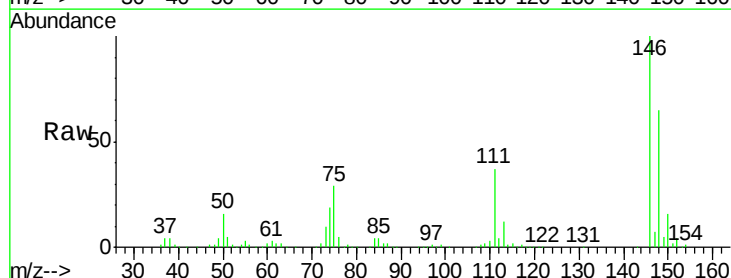
Instrument :
 MSVOA_V
 ClientSampleId :
 C0FG1

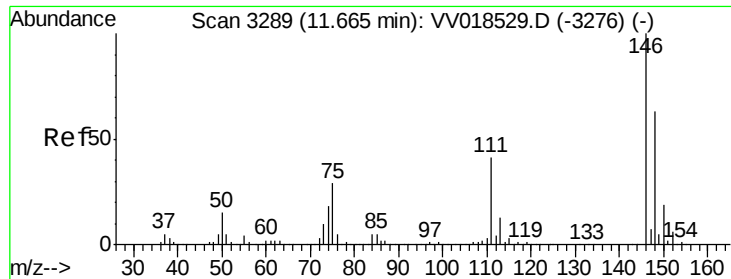
Tot Ion:146 Resp: 24431
 Ion Ratio Lower Upper
 146 100
 111 39.0 26.8 49.8
 148 67.8 44.0 81.8



#63
 1,4-Dichlorobenzene
 Concen: 36.569 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.00 min
 Lab File: VV018540.D
 Acq: 30 Sep 2020 00:58

Tgt Ion:146 Resp: 240664
 Ion Ratio Lower Upper
 146 100
 111 36.7 26.2 48.6
 148 65.0 44.4 82.5





#65

1,2-Dichlorobenzene

Concen: 156.208 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV018540.D

Acq: 30 Sep 2020 00:58

Instrument :

MSVOA_V

ClientSampleId :

C0FG1

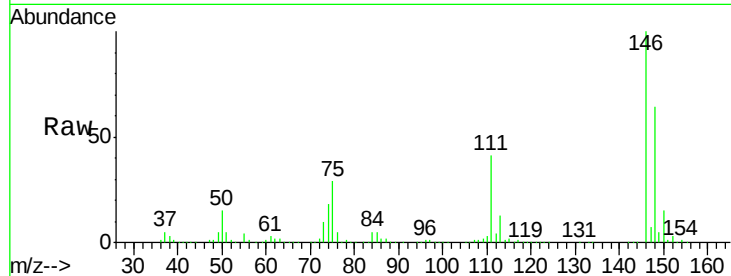
Tot Ion:146 Resp: 987628

Ion Ratio Lower Upper

146 100

111 40.6 32.8 49.2

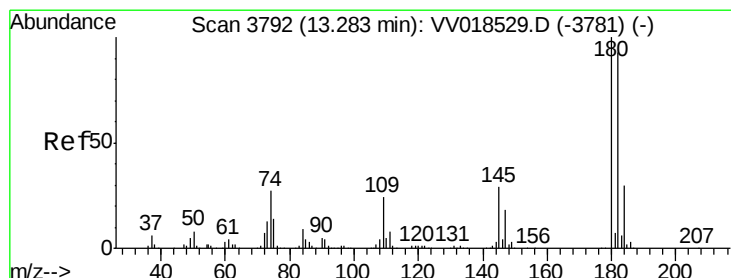
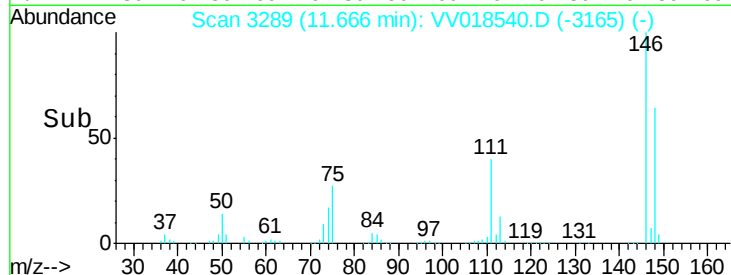
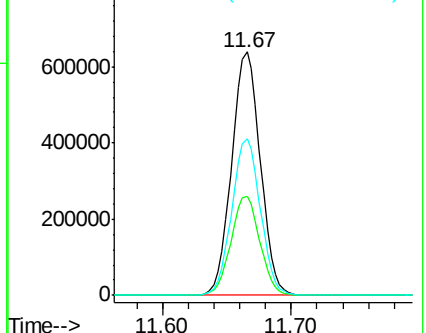
148 64.3 51.9 77.9



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: 49.436 ug/L

RT: 13.28 min Scan# 3792

Delta R.T. 0.00 min

Lab File: VV018540.D

Acq: 30 Sep 2020 00:58

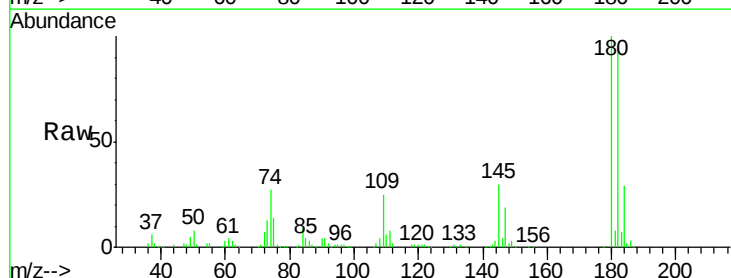
Tgt Ion:180 Resp: 203648

Ion Ratio Lower Upper

180 100

182 95.5 76.3 114.5

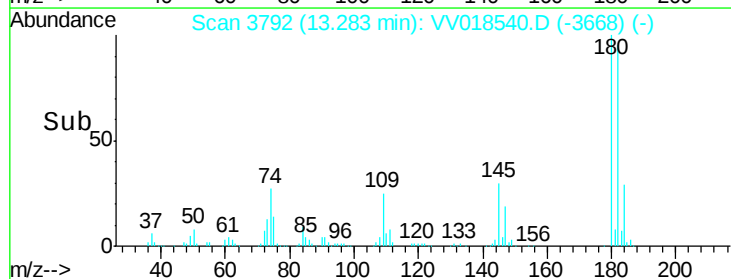
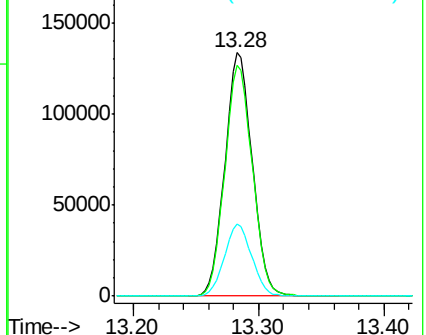
145 29.7 23.6 35.4

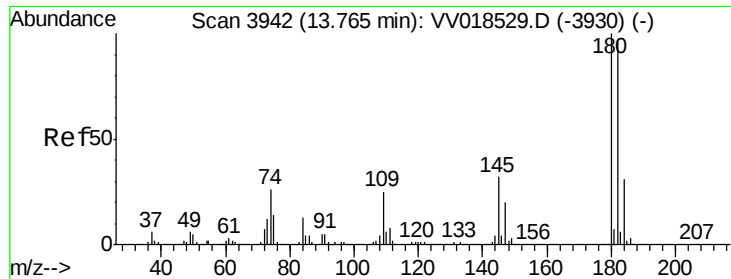


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#70
 1,2,3-Trichlorobenzene
 Concen: 34.176 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. 0.00 min
 Lab File: VV018540.D
 Acq: 30 Sep 2020 00:58

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FG1

Tot Ion	Ion	Ratio	Lower	Upper
180	100			
182	93.8	77.1	115.7	
145	31.2	25.1	37.7	

