

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV093020\
 Data File : VV018559.D
 Acq On : 30 Sep 2020 11:09
 Operator : SY/MD
 Sample : L4141-05 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FG6

Quant Time: Oct 01 07:59:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 01 07:39:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	347040	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	338840	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	177609	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	90048	44.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.48%
7) Chloroethane-d5	1.58	69	88992	52.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.76%
11) 1,1-Dichloroethene-d2	2.12	63	152554	36.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.58%
21) 2-Butanone-d5	3.92	46	149409	98.41	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.41%
24) Chloroform-d	4.38	84	201561	45.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.06	65	136329	48.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.58%
32) Benzene-d6	5.08	84	408140	47.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.10%
36) 1,2-Dichloropropane-d6	6.09	67	126800	48.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.80%
41) Toluene-d8	7.34	98	377034	46.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.38%
43) trans-1,3-Dichloropropene-	7.64	79	63925	45.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.26%
47) 2-Hexanone-d5	8.11	63	93144	94.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.56%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	159077	46.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.54%
64) 1,2-Dichlorobenzene-d4	11.65	152	172565	50.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.04%

Target Compounds

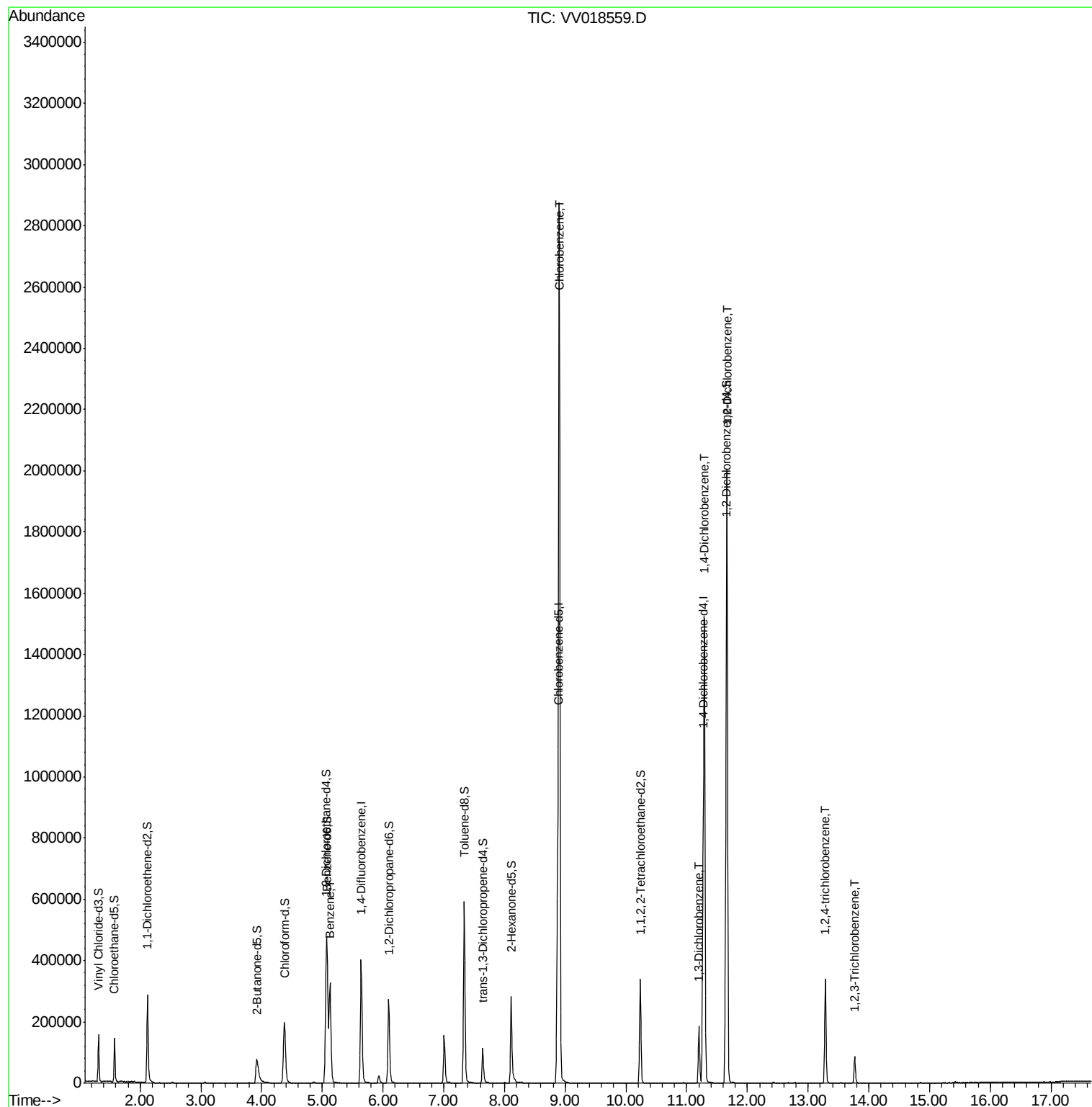
					Ovalue
33) Benzene	5.13	78	327879	32.937	ug/L 100
51) Chlorobenzene	8.90	112	1483894	203.686	ug/L 98
62) 1,3-Dichlorobenzene	11.20	146	74609	12.980	ug/L 99
63) 1,4-Dichlorobenzene	11.29	146	582756	98.456	ug/L 99
65) 1,2-Dichlorobenzene	11.67	146	743564	130.762	ug/L 99
68) 1,2,4-trichlorobenzene	13.29	180	105328	28.429	ug/L 100
70) 1,2,3-Trichlorobenzene	13.77	180	26624	7.158	ug/L 99

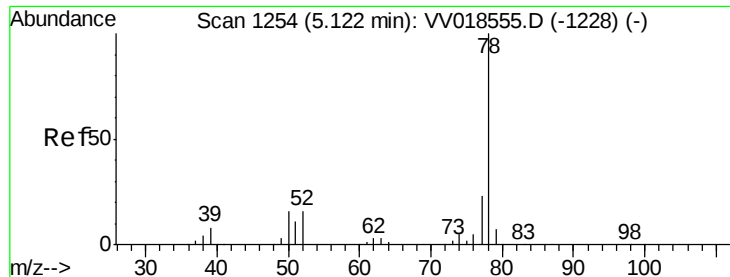
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 01 07:39:17 2020
Response via : Initial Calibration





#33

Benzene

Concen: 32.937 ug/L

RT: 5.13 min Scan# 1255

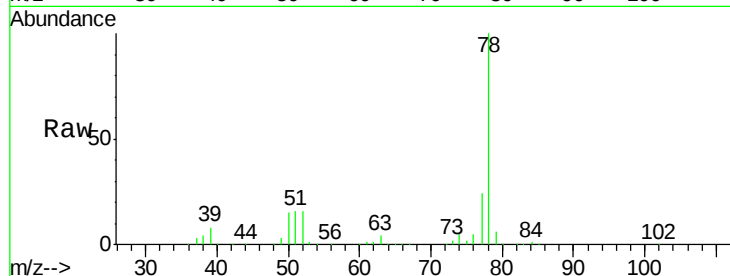
Delta R.T. 0.00 min

Lab File: VV018559.D

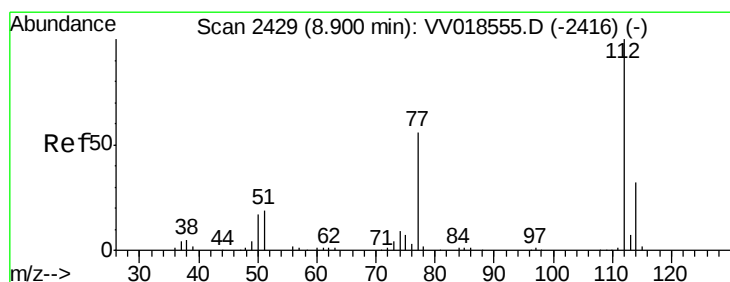
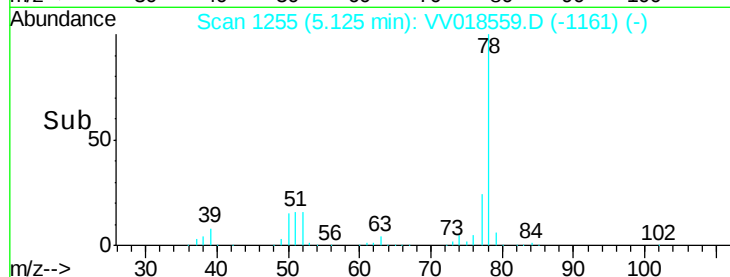
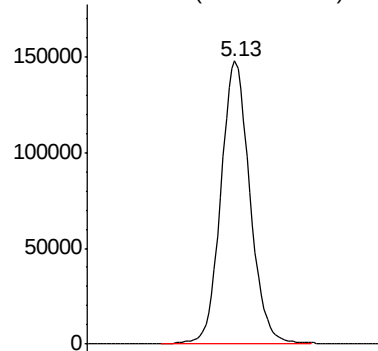
Acq: 30 Sep 2020 11:09

Instrument :
MSVOA_V
ClientSampled :
C0FG6

Tgt Ion: 78 Resp: 327879



Abundance Ion 78.00 (77.70 to 78.70): VV0



#51

Chlorobenzene

Concen: 203.686 ug/L

RT: 8.90 min Scan# 2429

Delta R.T. 0.00 min

Lab File: VV018559.D

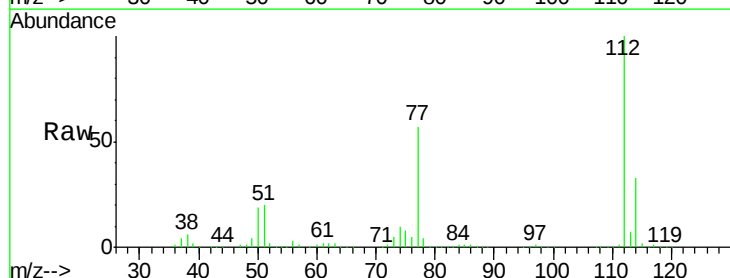
Acq: 30 Sep 2020 11:09

Tgt Ion: 112 Resp: 1483894

Ion	Ratio	Lower	Upper
112	100		

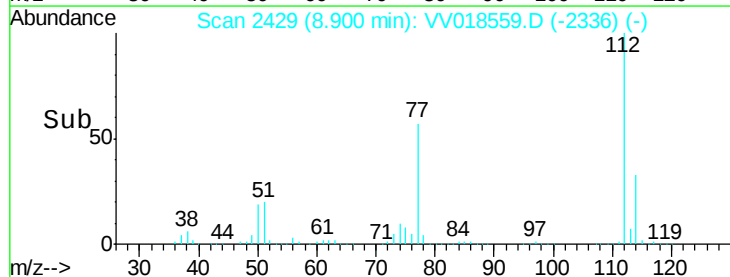
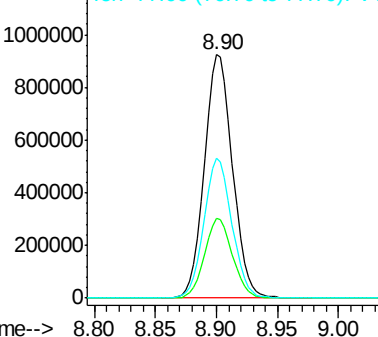
114	32.6	22.4	41.6
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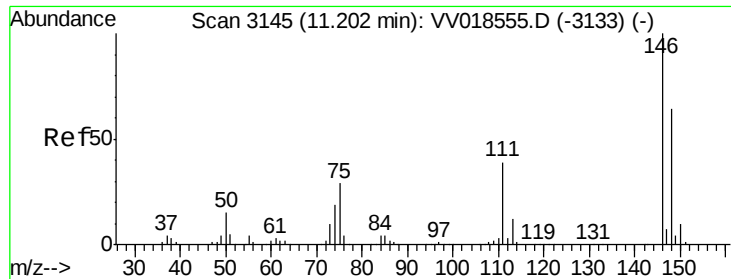
77	57.3	44.8	67.2
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Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V
Ion 77.00 (76.70 to 77.70): VV0

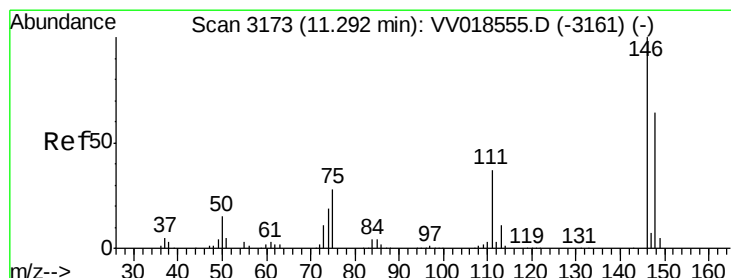
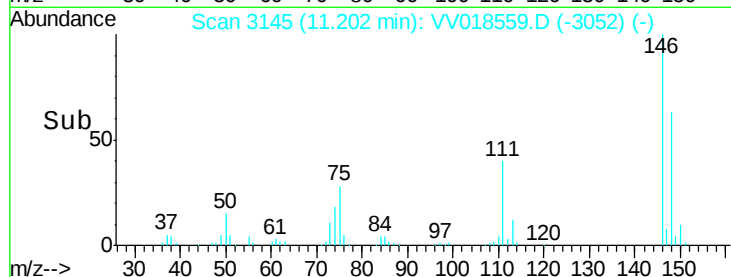
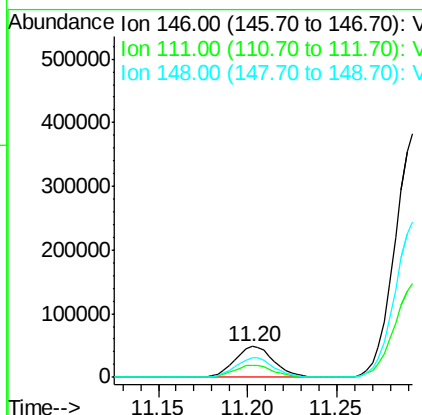
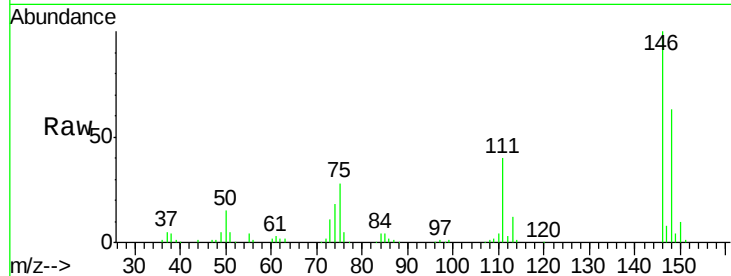




#62
 1,3-Dichlorobenzene
 Concen: 12.980 ug/L
 RT: 11.20 min Scan# 3145
 Delta R.T. 0.00 min
 Lab File: VV018559.D
 Acq: 30 Sep 2020 11:09

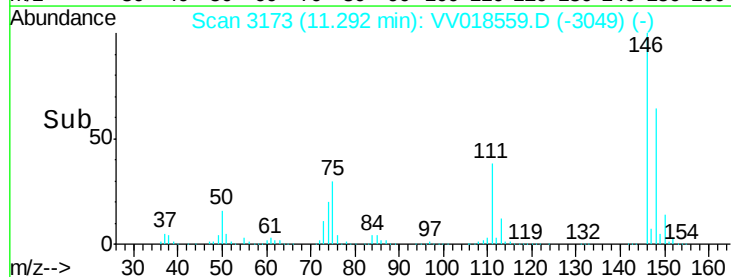
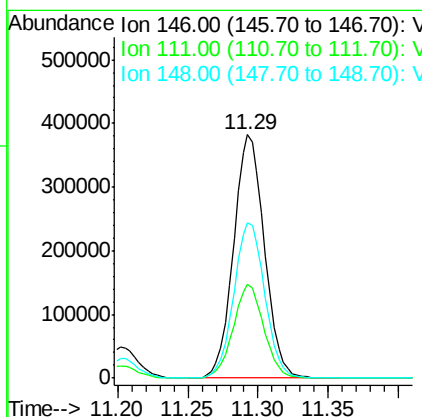
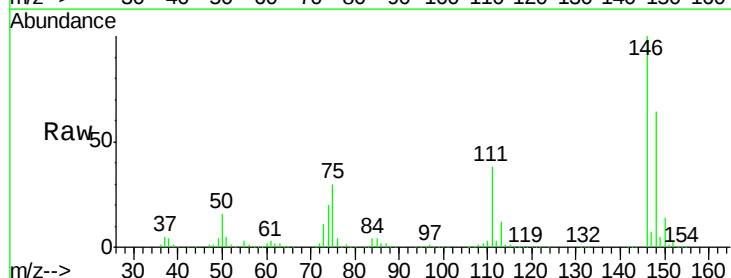
Instrument :
 MSVOA_V
 ClientSampled :
 C0FG6

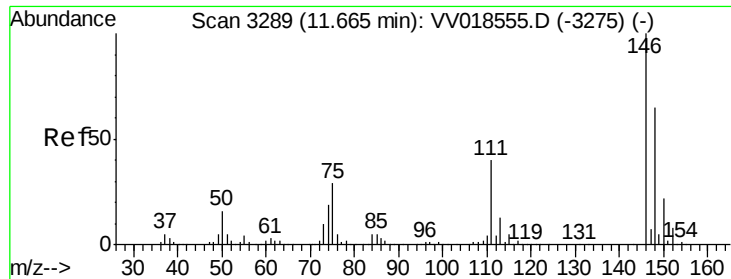
Tot Ion:146 Resp: 74609
 Ion Ratio Lower Upper
 146 100
 111 40.3 26.8 49.8
 148 62.8 44.0 81.8



#63
 1,4-Dichlorobenzene
 Concen: 98.456 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.00 min
 Lab File: VV018559.D
 Acq: 30 Sep 2020 11:09

Tgt Ion:146 Resp: 582756
 Ion Ratio Lower Upper
 146 100
 111 38.3 26.2 48.6
 148 64.0 44.4 82.5





#65

1,2-Dichlorobenzene

Concen: 130.762 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV018559.D

Acq: 30 Sep 2020 11:09

Instrument :

MSVOA_V

ClientSampleId :

C0FG6

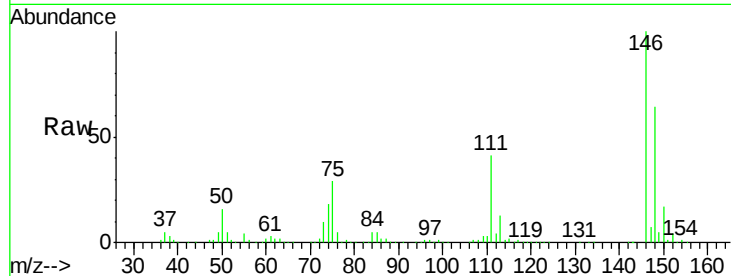
Tot Ion:146 Resp: 743564

Ion Ratio Lower Upper

146 100

111 40.9 32.8 49.2

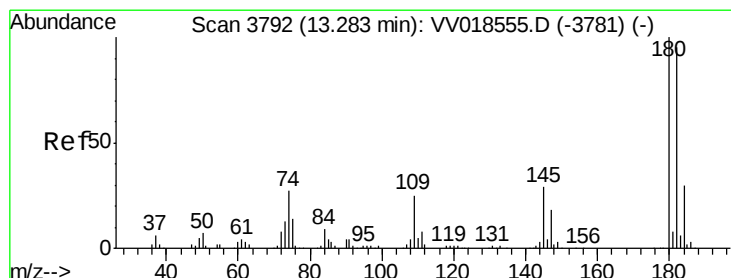
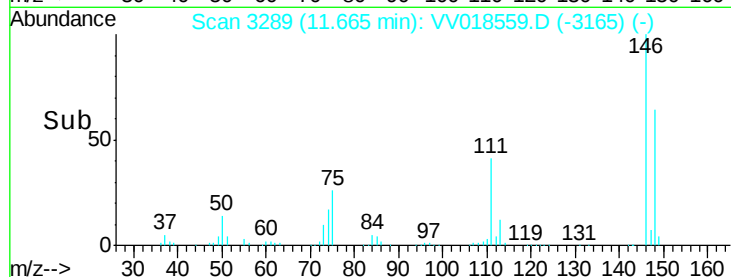
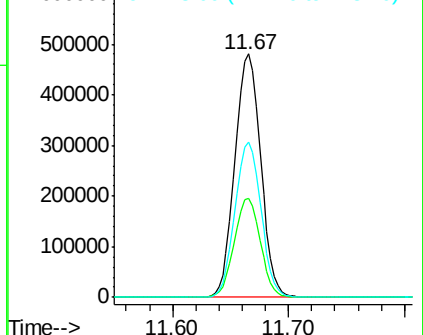
148 63.6 51.9 77.9



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: 28.429 ug/L

RT: 13.29 min Scan# 3793

Delta R.T. 0.00 min

Lab File: VV018559.D

Acq: 30 Sep 2020 11:09

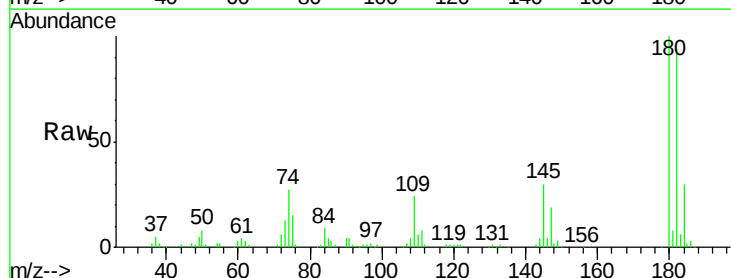
Tgt Ion:180 Resp: 105328

Ion Ratio Lower Upper

180 100

182 95.0 76.3 114.5

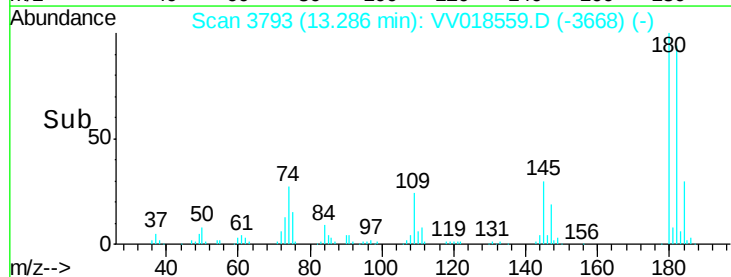
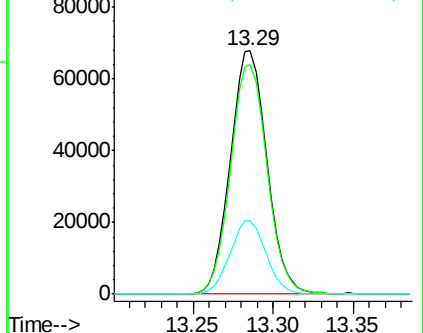
145 29.8 23.6 35.4

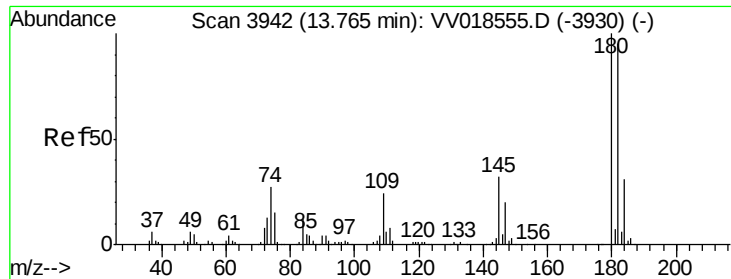


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

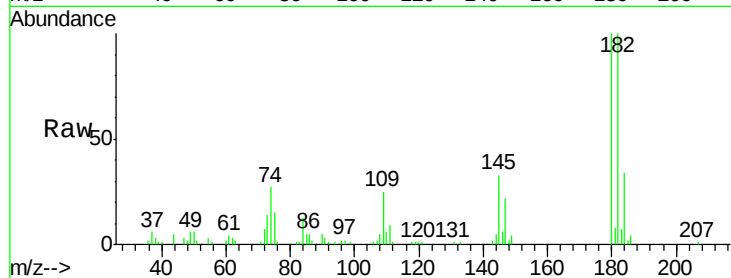




#70
 1,2,3-Trichlorobenzene
 Concen: 7.158 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. 0.00 min
 Lab File: VV018559.D
 Acq: 30 Sep 2020 11:09

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FG6

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.1	77.1	115.7
145	31.6	25.1	37.7



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

