

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032520\
 Data File : VV015162.D
 Acq On : 26 Mar 2020 02:35
 Operator : SY/MD
 Sample : L1968-15DL 500X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DL5DL

Quant Time: Mar 30 18:26:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032520WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 26 02:00:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	574606	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	559194	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	242877	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	205039	42.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.36%
7) Chloroethane-d5	1.58	69	193654	44.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.12	63	336146	35.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.04%
21) 2-Butanone-d5	3.94	46	295329	93.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.67%
24) Chloroform-d	4.38	84	362087	45.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.86%
26) 1,2-Dichloroethane-d4	5.06	65	242999	46.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.98%
32) Benzene-d6	5.08	84	740061	45.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.10	67	235332	45.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.98%
41) Toluene-d8	7.34	98	697178	45.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.48%
43) trans-1,3-Dichloropropene-	7.64	79	111101	39.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.28%
47) 2-Hexanone-d5	8.12	63	233430	91.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.08%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	334785	44.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.88%
64) 1,2-Dichlorobenzene-d4	11.65	152	245125	45.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.24%

Target Compounds

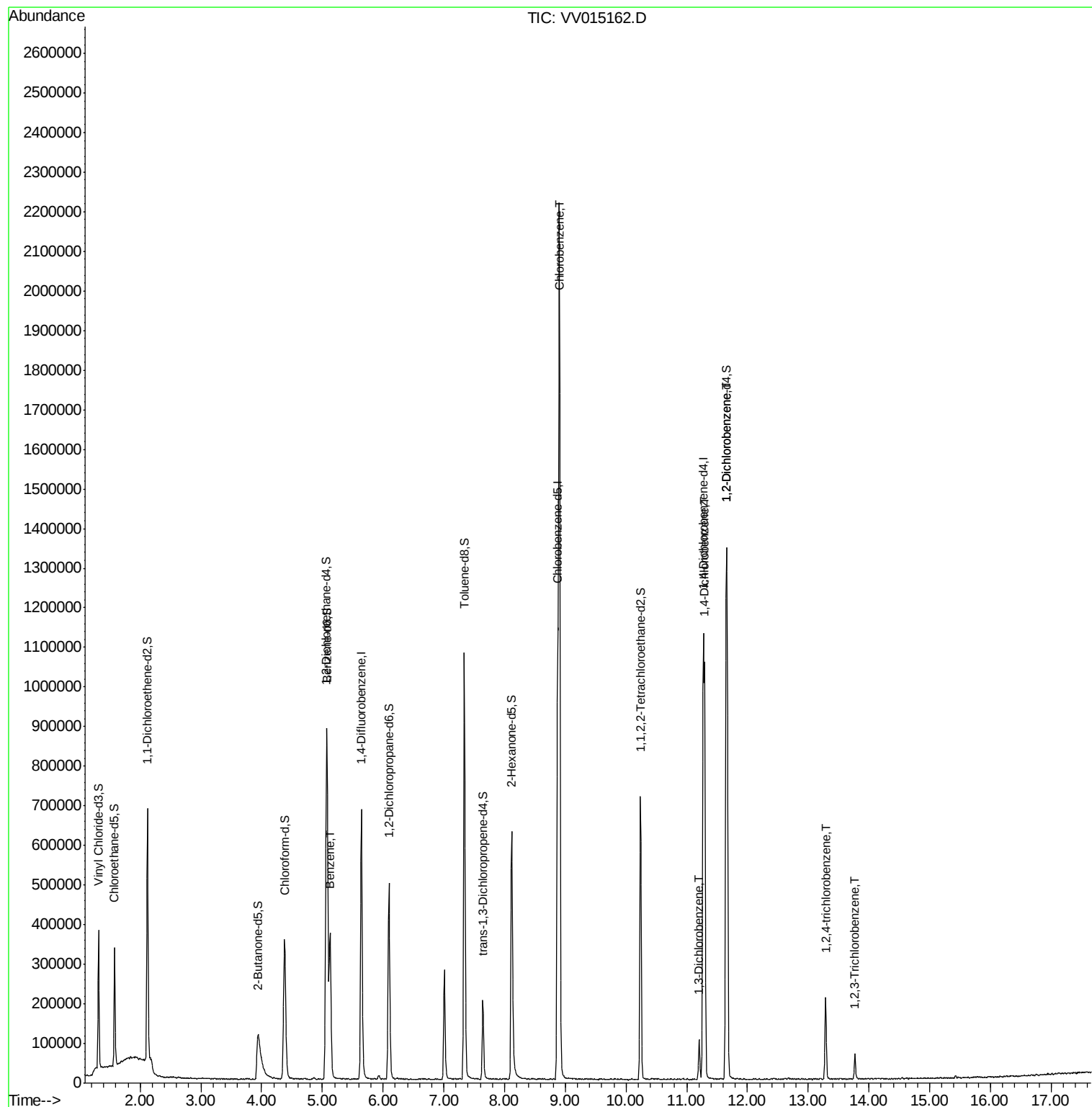
					Ovalue
33) Benzene	5.13	78	368226	25.589	ug/L 100
51) Chlorobenzene	8.90	112	1125091	108.449	ug/L 99
62) 1,3-Dichlorobenzene	11.21	146	37147	5.222	ug/L 95
63) 1,4-Dichlorobenzene	11.30	146	349638	48.245	ug/L 96
65) 1,2-Dichlorobenzene	11.67	146	365053	50.864	ug/L 98
68) 1,2,4-trichlorobenzene	13.29	180	52616	11.658	ug/L 98
70) 1,2,3-Trichlorobenzene	13.77	180	15870	3.538	ug/L 97

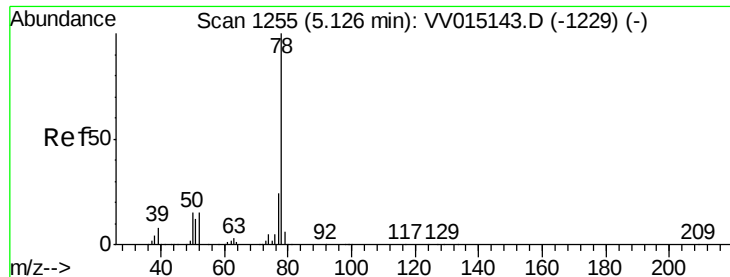
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV032520\
Data File : VV015162.D
Acq On : 26 Mar 2020 02:35
Operator : SY/MD
Sample : L1968-15DL 500X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0DL5DL

Quant Time: Mar 30 18:26:23 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032520WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 26 02:00:02 2020
Response via : Initial Calibration





#33

Benzene

Concen: 25.589 ug/L

RT: 5.13 min Scan# 1255

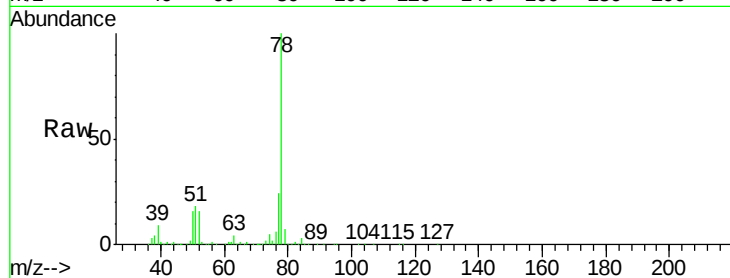
Delta R.T. 0.00 min

Lab File: VV015162.D

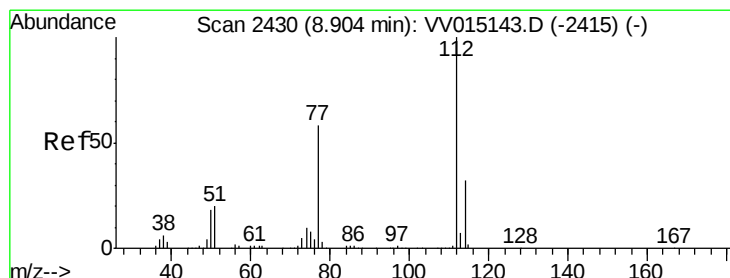
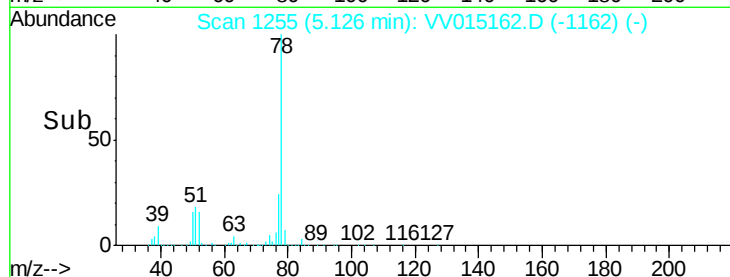
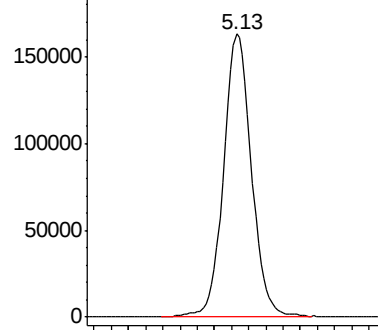
Acq: 26 Mar 2020 02:35

Instrument :
MSVOA_V
ClientSampleId :
C0DL5DL

Tgt Ion: 78 Resp: 368226



Abundance Ion 78.00 (77.70 to 78.70): VV0



#51

Chlorobenzene

Concen: 108.449 ug/L

RT: 8.90 min Scan# 2430

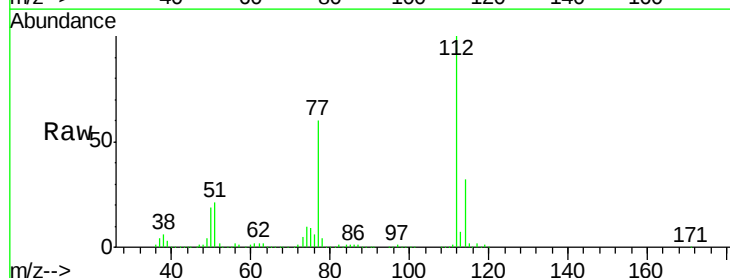
Delta R.T. 0.00 min

Lab File: VV015162.D

Acq: 26 Mar 2020 02:35

Tgt Ion: 112 Resp: 1125091

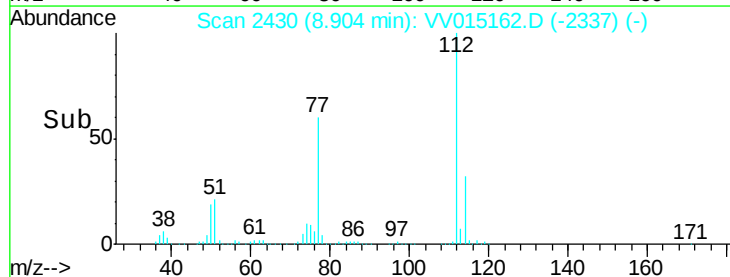
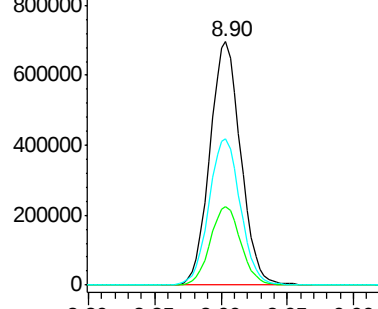
Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.0	40.8
77	60.0	47.2	70.8

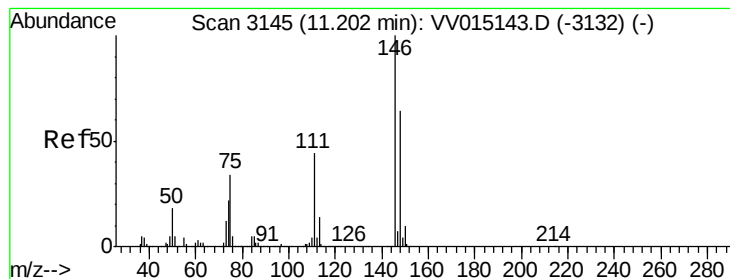


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0





#62

1,3-Dichlorobenzene

Concen: 5.222 ug/L

RT: 11.21 min Scan# 3146

Delta R.T. 0.00 min

Lab File: VV015162.D

Acq: 26 Mar 2020 02:35

Instrument :

MSVOA_V

ClientSampleId :

C0DL5DL

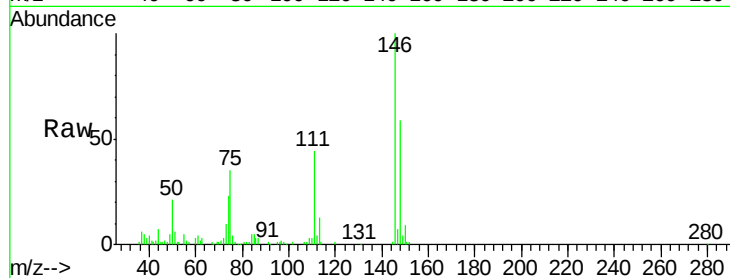
Tot Ion:146 Resp: 37147

Ion	Ratio	Lower	Upper
146	100		
111	43.9	29.3	54.5
148	59.1	44.7	82.9

146 100

111 43.9 29.3 54.5

148 59.1 44.7 82.9

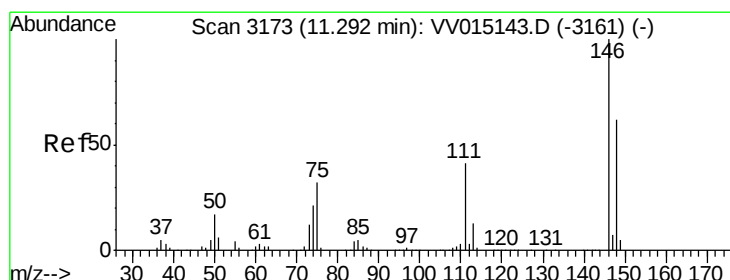
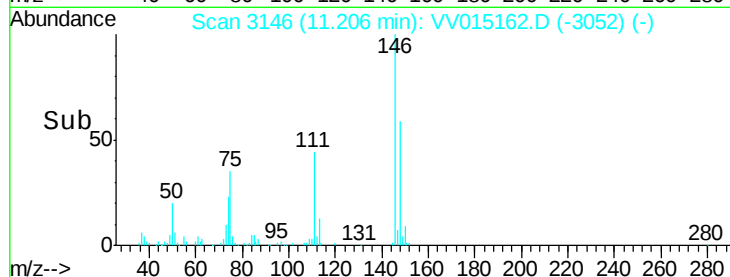
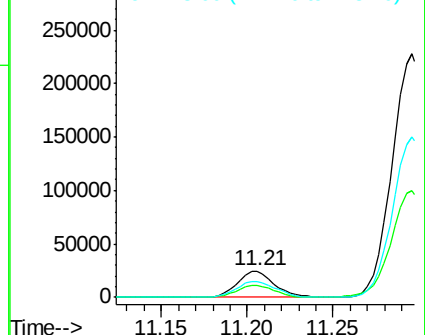


Abundance

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



#63

1,4-Dichlorobenzene

Concen: 48.245 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.00 min

Lab File: VV015162.D

Acq: 26 Mar 2020 02:35

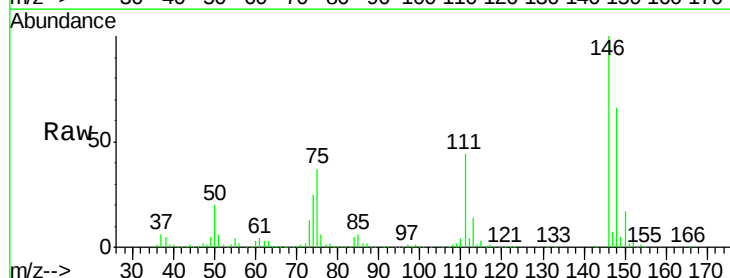
Tgt Ion:146 Resp: 349638

Ion	Ratio	Lower	Upper
146	100		
111	43.7	28.4	52.8
148	65.7	44.0	81.8

146 100

111 43.7 28.4 52.8

148 65.7 44.0 81.8

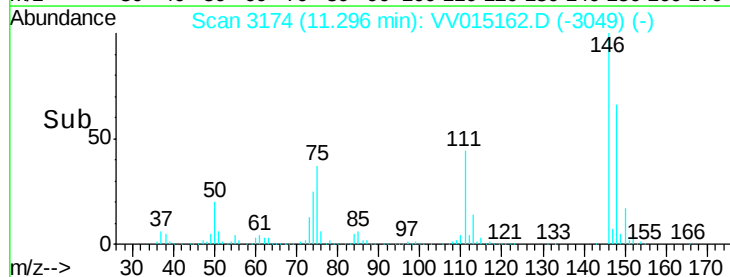
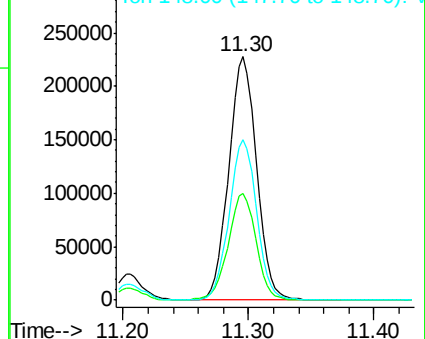


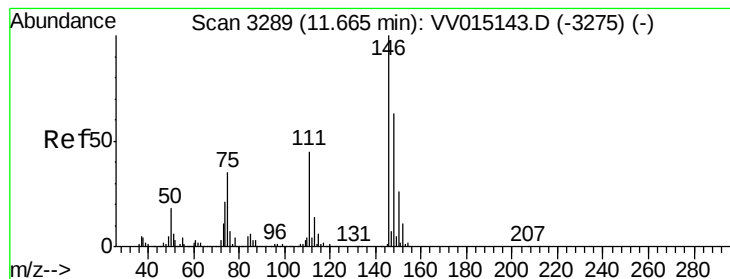
Abundance

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: 50.864 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV015162.D

Acq: 26 Mar 2020 02:35

Instrument :

MSVOA_V

ClientSampleId :

C0DL5DL

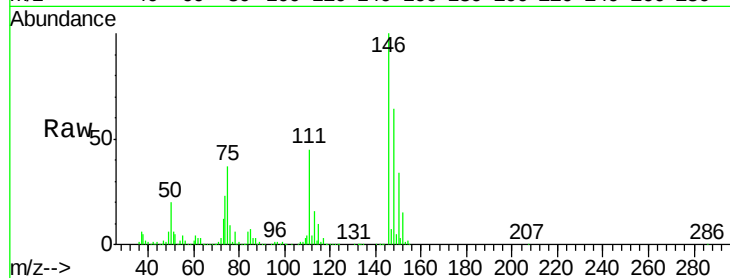
Tot Ion:146 Resp: 365053

Ion Ratio Lower Upper

146 100

111 45.1 35.4 53.2

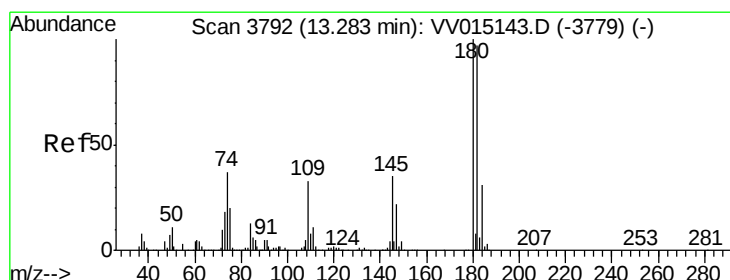
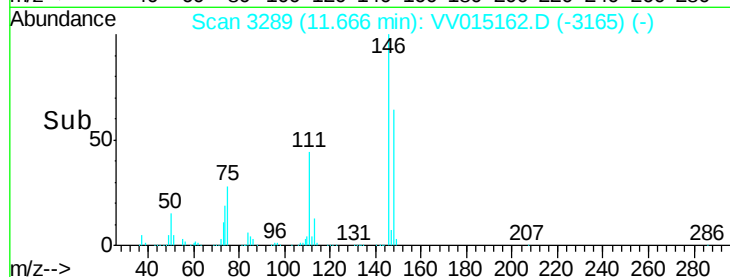
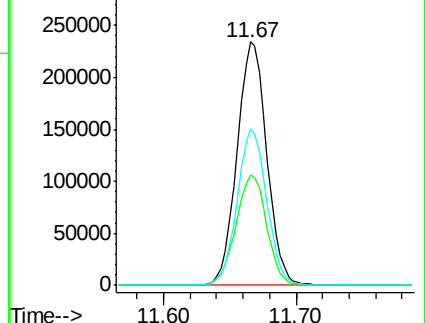
148 64.4 49.7 74.5



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: 11.658 ug/L

RT: 13.29 min Scan# 3793

Delta R.T. 0.00 min

Lab File: VV015162.D

Acq: 26 Mar 2020 02:35

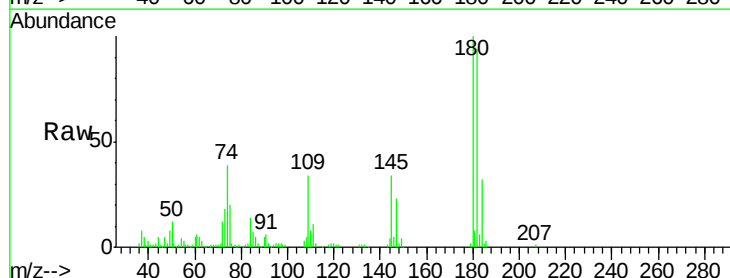
Tgt Ion:180 Resp: 52616

Ion Ratio Lower Upper

180 100

182 96.9 76.1 114.1

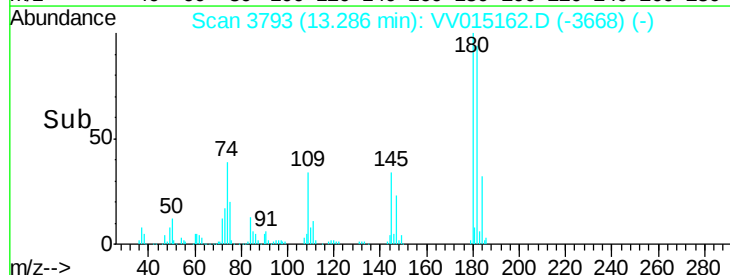
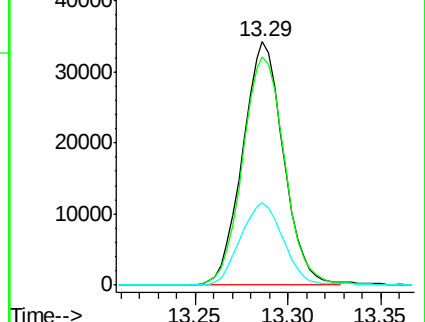
145 35.3 26.6 40.0

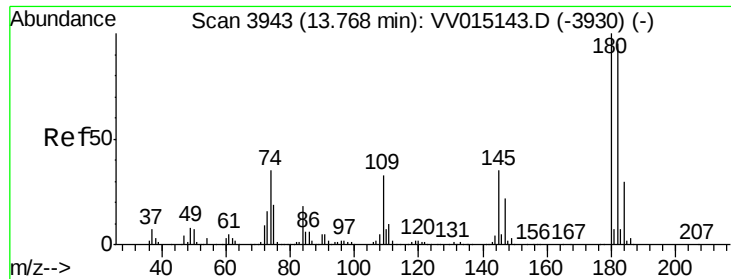


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

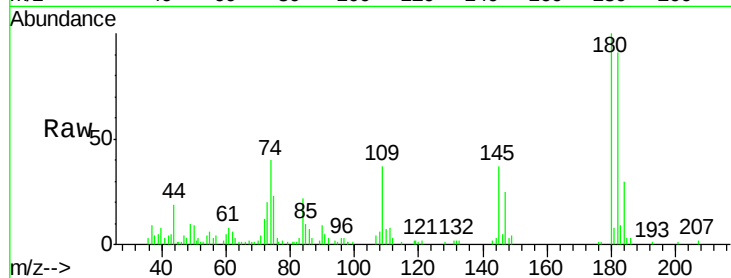




#70
 1,2,3-Trichlorobenzene
 Concen: 3.538 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. 0.00 min
 Lab File: VV015162.D
 Acq: 26 Mar 2020 02:35

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DL5DL

Tot Ion	180	Resp	15870
Ion Ratio	Lower	Upper	
180	100		
182	91.4	76.3	114.5
145	37.8	29.6	44.4



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

