

Data File : VV015117.D
Acq On : 24 Mar 2020 12:35
Operator : SY/MD
Sample : L1941-17DL100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0DL7DL

Quant Time: Mar 25 01:14:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032320WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 25 01:10:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	767519	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	738883	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	358337	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	293825	41.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.90%
7) Chloroethane-d5	1.58	69	262933	43.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.64%
11) 1,1-Dichloroethene-d2	2.12	63	430934	36.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.82%
21) 2-Butanone-d5	3.94	46	386429	83.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.66%
24) Chloroform-d	4.38	84	475225	44.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.68%
26) 1,2-Dichloroethane-d4	5.06	65	303928	44.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.08%
32) Benzene-d6	5.08	84	988354	44.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.32%
36) 1,2-Dichloropropane-d6	6.09	67	316294	43.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.38%
41) Toluene-d8	7.34	98	958347	46.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.36%
43) trans-1,3-Dichloropropene-	7.64	79	169103	43.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.44%
47) 2-Hexanone-d5	8.11	63	312547	84.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.93%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	439484	42.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.58%
64) 1,2-Dichlorobenzene-d4	11.65	152	364507	45.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.10%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	3999	0.865 ug/L #	22
33) Benzene	5.13	78	597824	26.646 ug/L	100
39) cis-1,3-Dichloropropene	7.01	75	10384	1.051 ug/L #	59
51) Chlorobenzene	8.90	112	1356820	88.484 ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	116293	9.762 ug/L	97
63) 1,4-Dichlorobenzene	11.30	146	1478273	122.765 ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	2255306	181.676 ug/L	100
67) 1,3,5-Trichlorobenzene	13.29	180	336620	41.243 ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	336620	43.427 ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	77106	9.656 ug/L	98

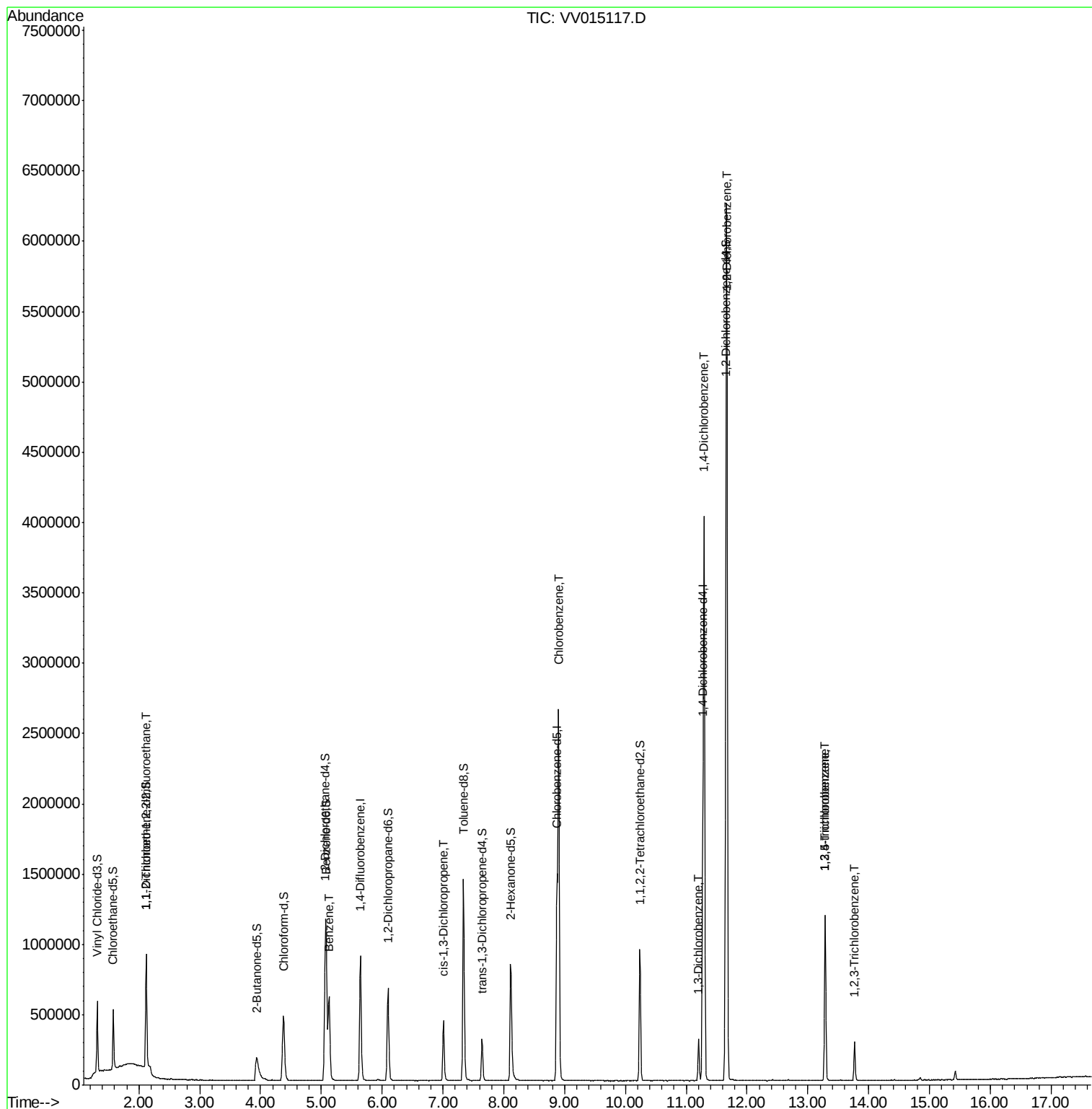
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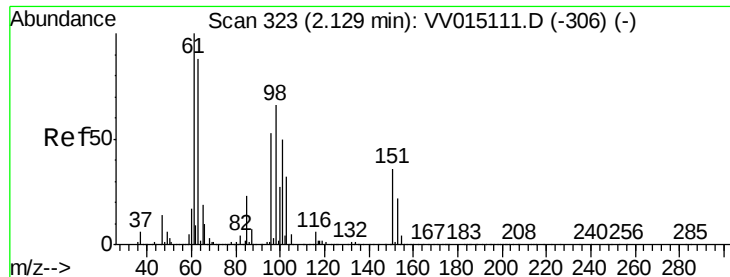
Data File : VV015117.D

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Instrument :
MSVOA_V
ClientSampleId :
C0DL7DL

Quant Time: Mar 25 01:14:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032320WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 25 01:10:42 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.865 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV015117.D

Acq: 24 Mar 2020 12:35

Instrument :

MSVOA_V

ClientSampleId :

C0DL7DL

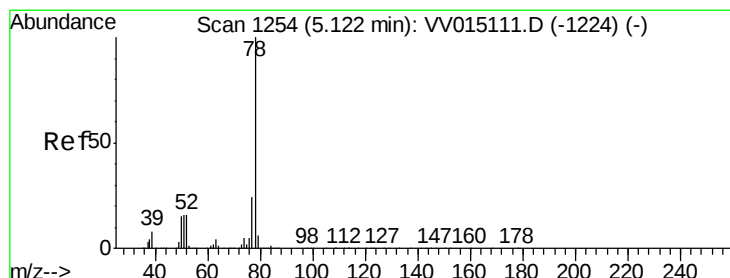
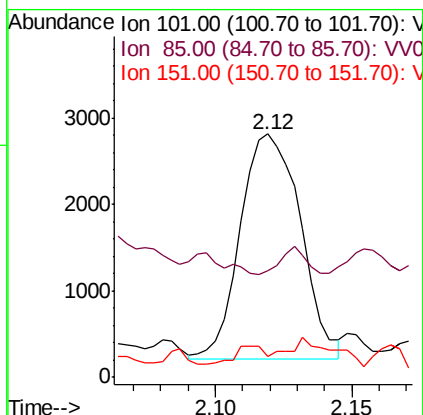
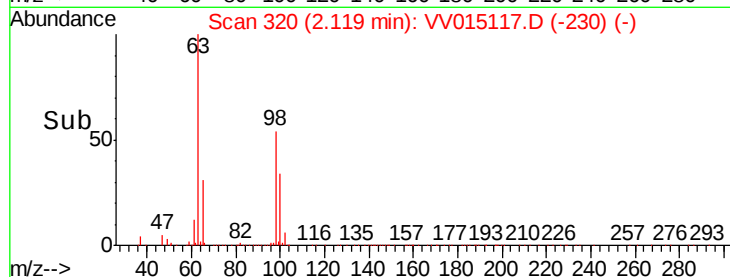
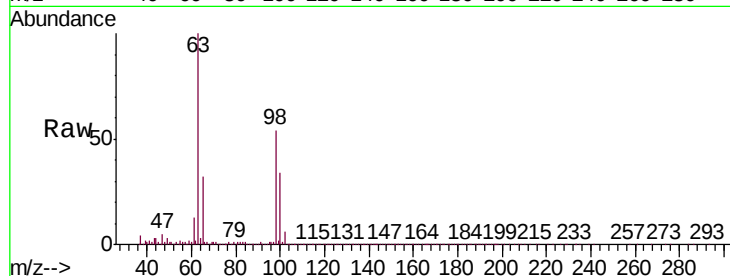
Tgt Ion:101 Resp: 3999

Ion Ratio Lower Upper

101 100

85 0.0 37.2 55.8#

151 2.4 56.3 84.5#



#33

Benzene

Concen: 26.646 ug/L

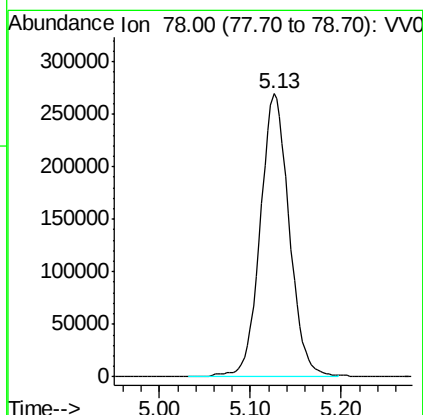
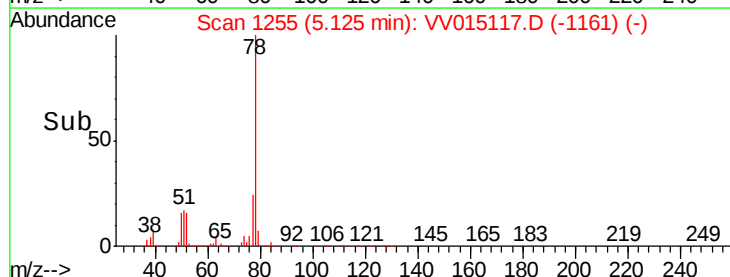
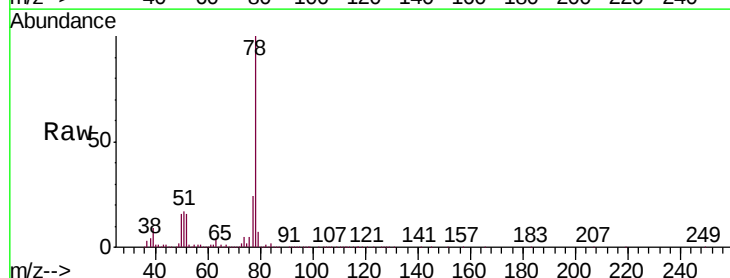
RT: 5.13 min Scan# 1255

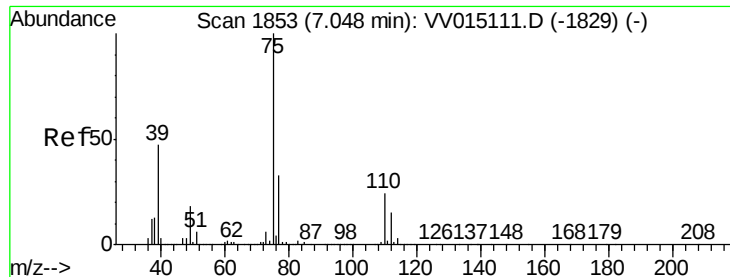
Delta R.T. 0.00 min

Lab File: VV015117.D

Acq: 24 Mar 2020 12:35

Tgt Ion: 78 Resp: 597824

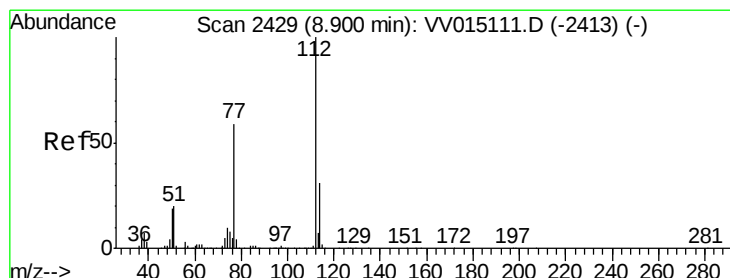
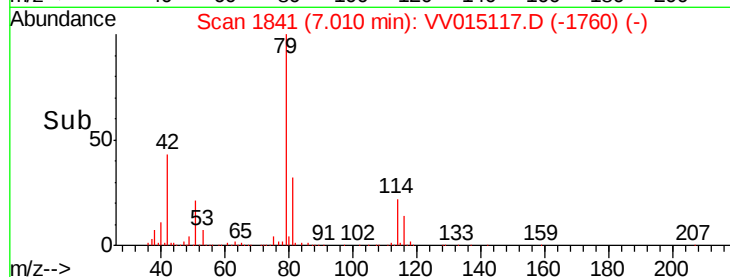
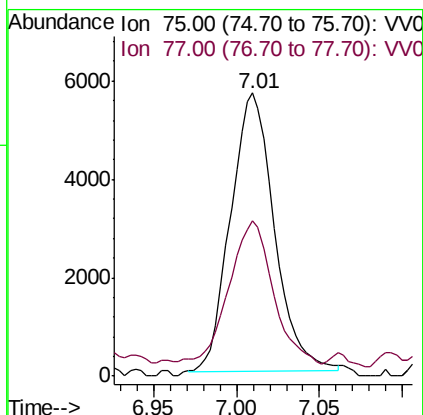
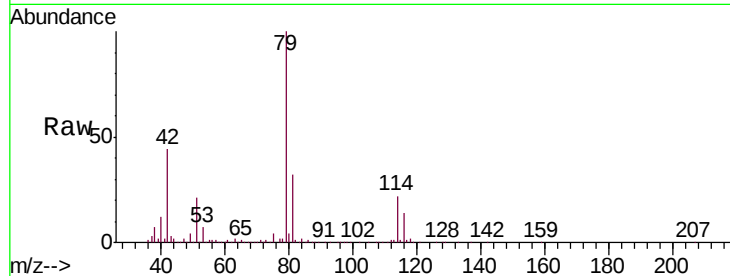




#39
 cis-1,3-Dichloropropene
 Concen: 1.051 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV015117.D
 Acq: 24 Mar 2020 12:35

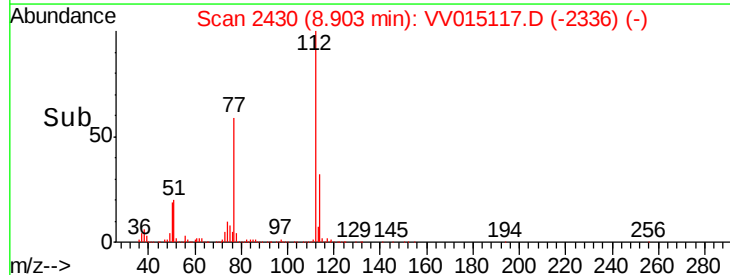
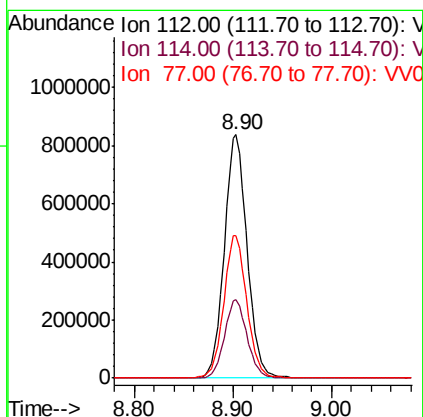
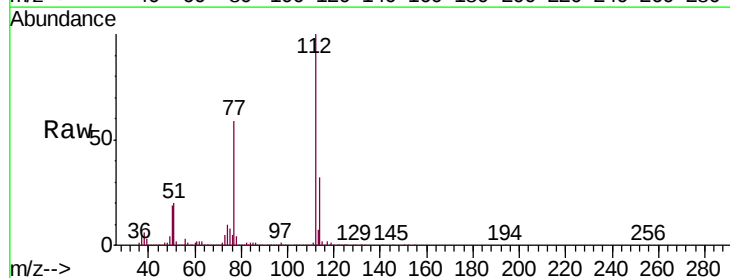
Instrument :
 MSVOA_V
 ClientSampleId :
 C0DL7DL

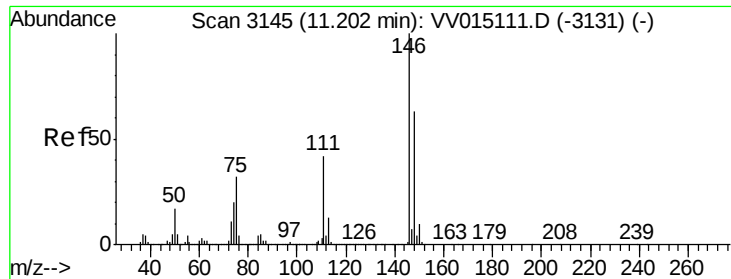
Tgt Ion: 75 Resp: 10384
 Ion Ratio Lower Upper
 75 100
 77 54.7 22.3 41.5#



#51
 Chlorobenzene
 Concen: 88.484 ug/L
 RT: 8.90 min Scan# 2430
 Delta R.T. 0.00 min
 Lab File: VV015117.D
 Acq: 24 Mar 2020 12:35

Tgt Ion: 112 Resp: 1356820
 Ion Ratio Lower Upper
 112 100
 114 32.0 22.3 41.3
 77 58.6 48.1 72.1

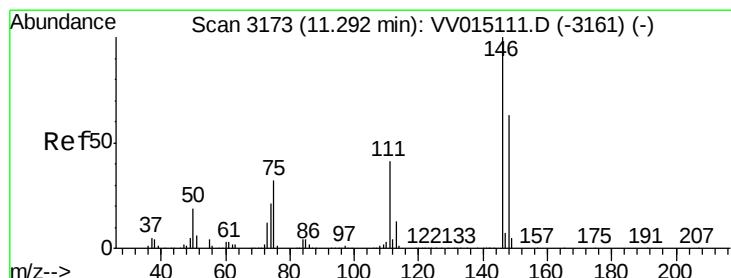
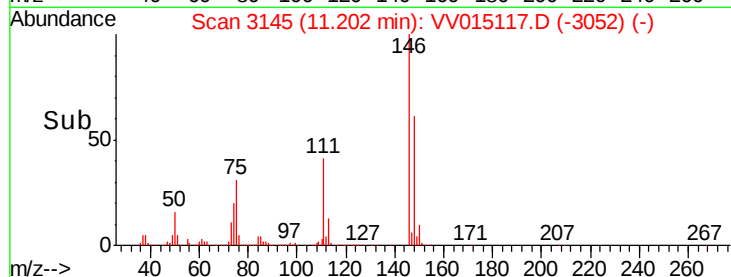
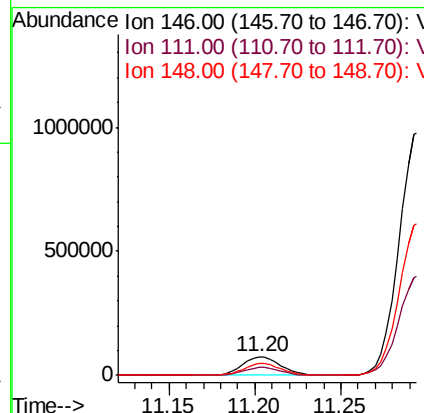
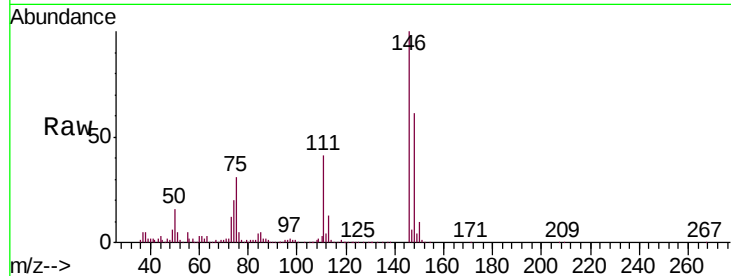




#62
 1,3-Dichlorobenzene
 Concen: 9.762 ug/L
 RT: 11.20 min Scan# 3145
 Delta R.T. 0.00 min
 Lab File: VV015117.D
 Acq: 24 Mar 2020 12:35

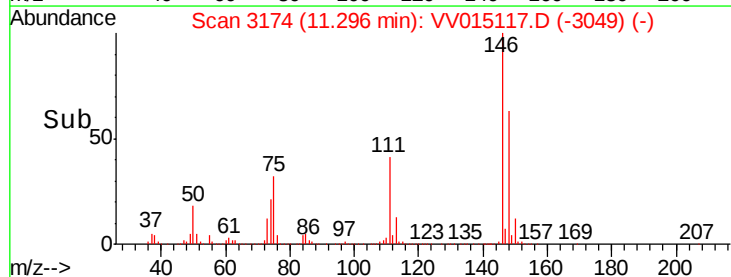
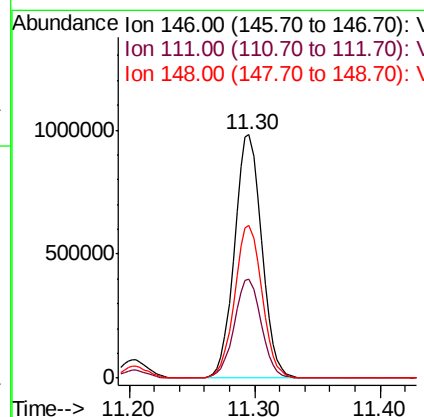
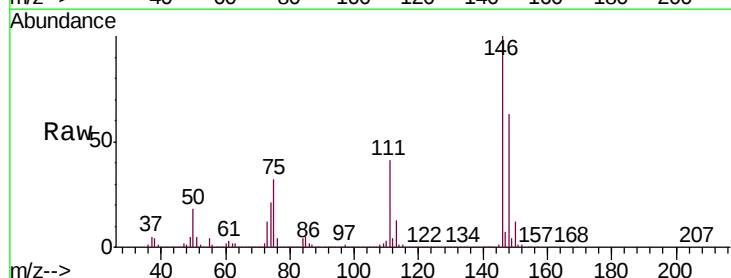
Instrument :
 MSVOA_V
 ClientSampleId :
 C0DL7DL

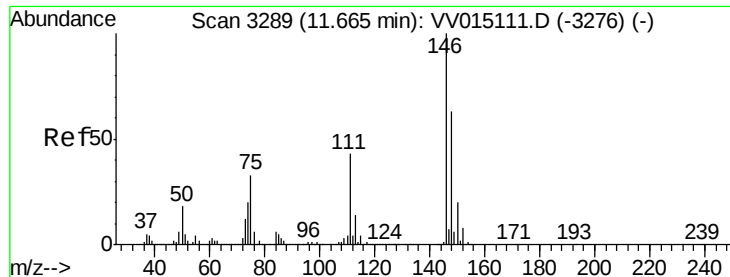
Tgt Ion:146 Resp: 116293
 Ion Ratio Lower Upper
 146 100
 111 41.3 29.7 55.1
 148 61.1 45.3 84.1



#63
 1,4-Dichlorobenzene
 Concen: 122.765 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.00 min
 Lab File: VV015117.D
 Acq: 24 Mar 2020 12:35

Tgt Ion:146 Resp: 1478273
 Ion Ratio Lower Upper
 146 100
 111 40.6 28.2 52.4
 148 62.7 44.9 83.5





#65

1,2-Dichlorobenzene

Concen: 181.676 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV015117.D

Acq: 24 Mar 2020 12:35

Instrument :

MSVOA_V

ClientSampleId :

C0DL7DL

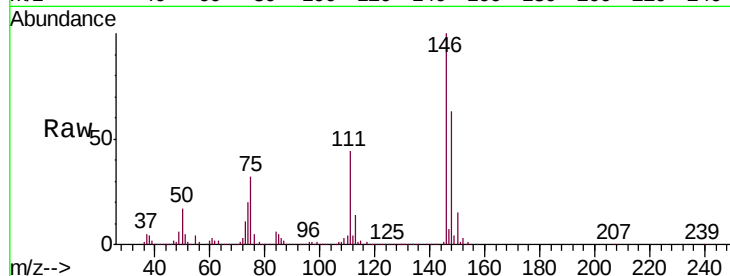
Tgt Ion:146 Resp: 2255306

Ion Ratio Lower Upper

146 100

111 43.7 35.2 52.8

148 63.3 50.6 75.8

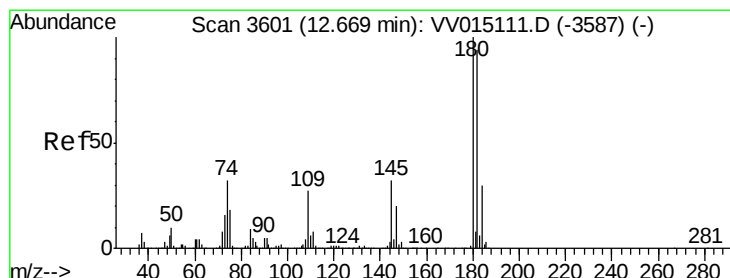
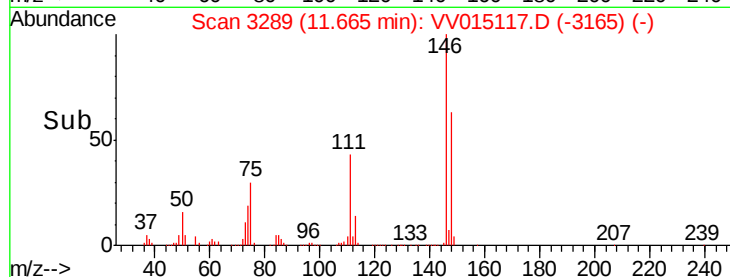
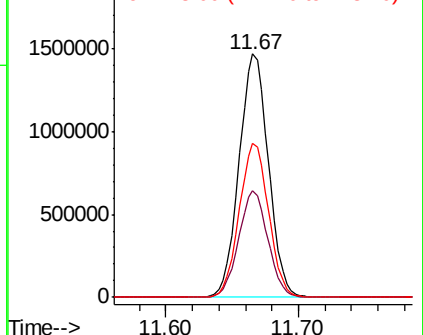


Abundance

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



#67

1,3,5-Trichlorobenzene

Concen: 41.243 ug/L

RT: 13.29 min Scan# 3793

Delta R.T. 0.62 min

Lab File: VV015117.D

Acq: 24 Mar 2020 12:35

Tgt Ion:180 Resp: 336620

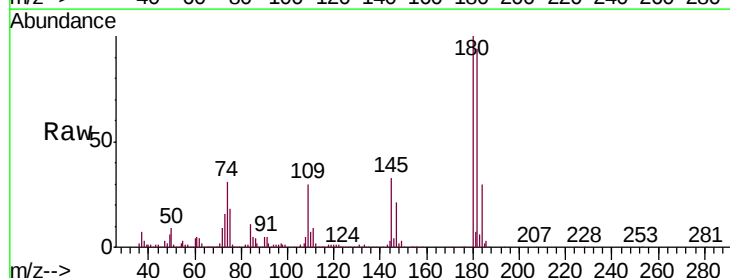
Ion Ratio Lower Upper

180 100

182 95.7 75.9 113.9

184 29.7 23.7 35.5

145 32.6 25.8 38.6



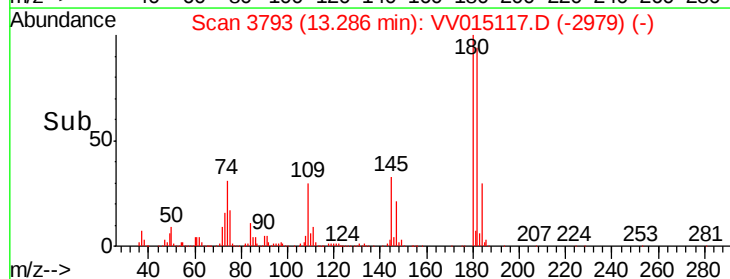
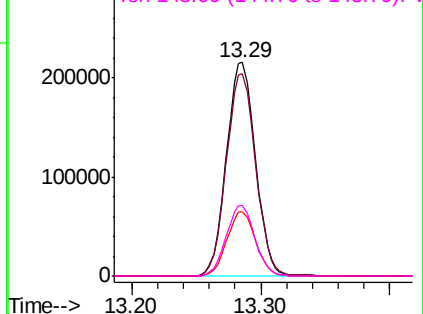
Abundance

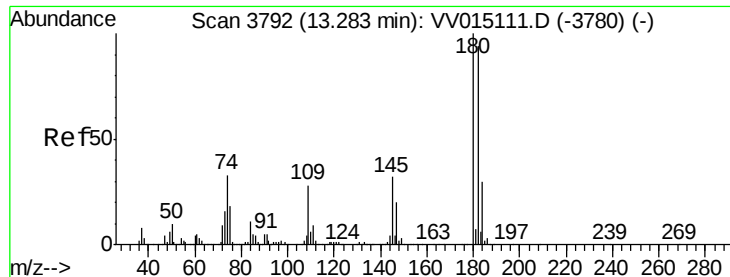
Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V

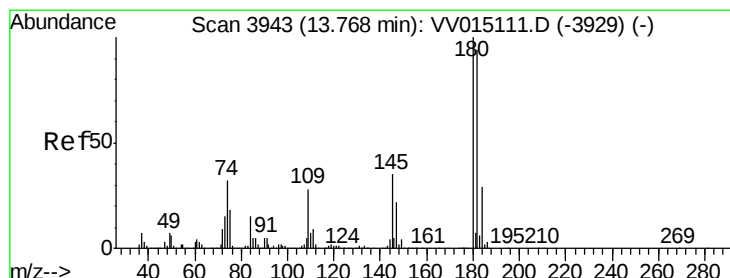
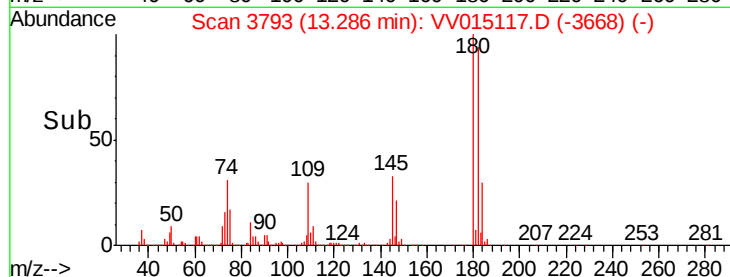
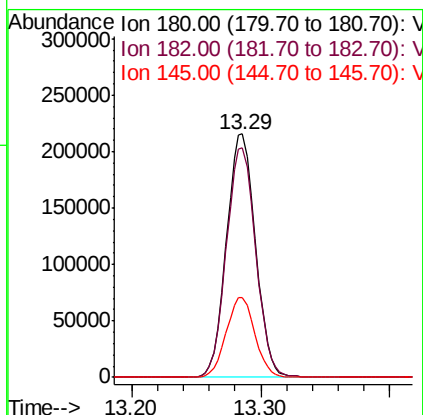
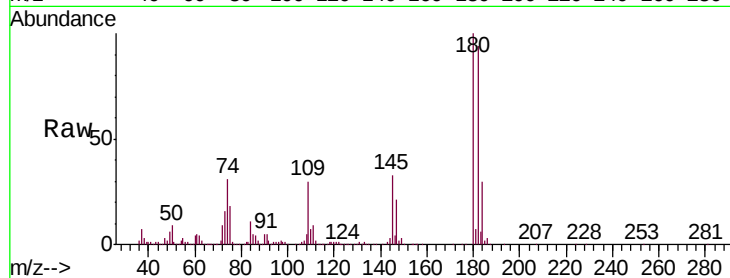




#68
 1,2,4-trichlorobenzene
 Concen: 43.427 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.00 min
 Lab File: VV015117.D
 Acq: 24 Mar 2020 12:35

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DL7DL

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.5	113.3
145	32.6	26.4	39.6



#70
 1,2,3-Trichlorobenzene
 Concen: 9.656 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. 0.00 min
 Lab File: VV015117.D
 Acq: 24 Mar 2020 12:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.9	76.6	115.0
145	34.1	27.8	41.6

