

Data File : VV015115.D
Acq On : 24 Mar 2020 11:28
Operator : SY/MD
Sample : L1941-12DL40X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0DC3DL

Quant Time: Mar 25 01:13:24 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	856140	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	811035	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	384274	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	293062	37.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.12%
7) Chloroethane-d5	1.58	69	253056	37.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.62%
11) 1,1-Dichloroethene-d2	2.12	63	413731	31.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.68%
21) 2-Butanone-d5	3.93	46	371387	72.08	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	72.08%
24) Chloroform-d	4.58	84	368	0.03	ug/L	0.21
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.06%#
26) 1,2-Dichloroethane-d4	5.05	65	298425	39.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.42%
32) Benzene-d6	5.07	84	950241	38.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.36%
36) 1,2-Dichloropropane-d6	6.09	67	302812	37.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	75.34%
41) Toluene-d8	7.33	98	905462	39.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.50%#
43) trans-1,3-Dichloropropene-	7.64	79	162440	38.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.52%
47) 2-Hexanone-d5	8.11	63	284095	70.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	70.33%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	420396	37.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	74.58%
64) 1,2-Dichlorobenzene-d4	11.65	152	343114	39.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.98%#

Target Compounds

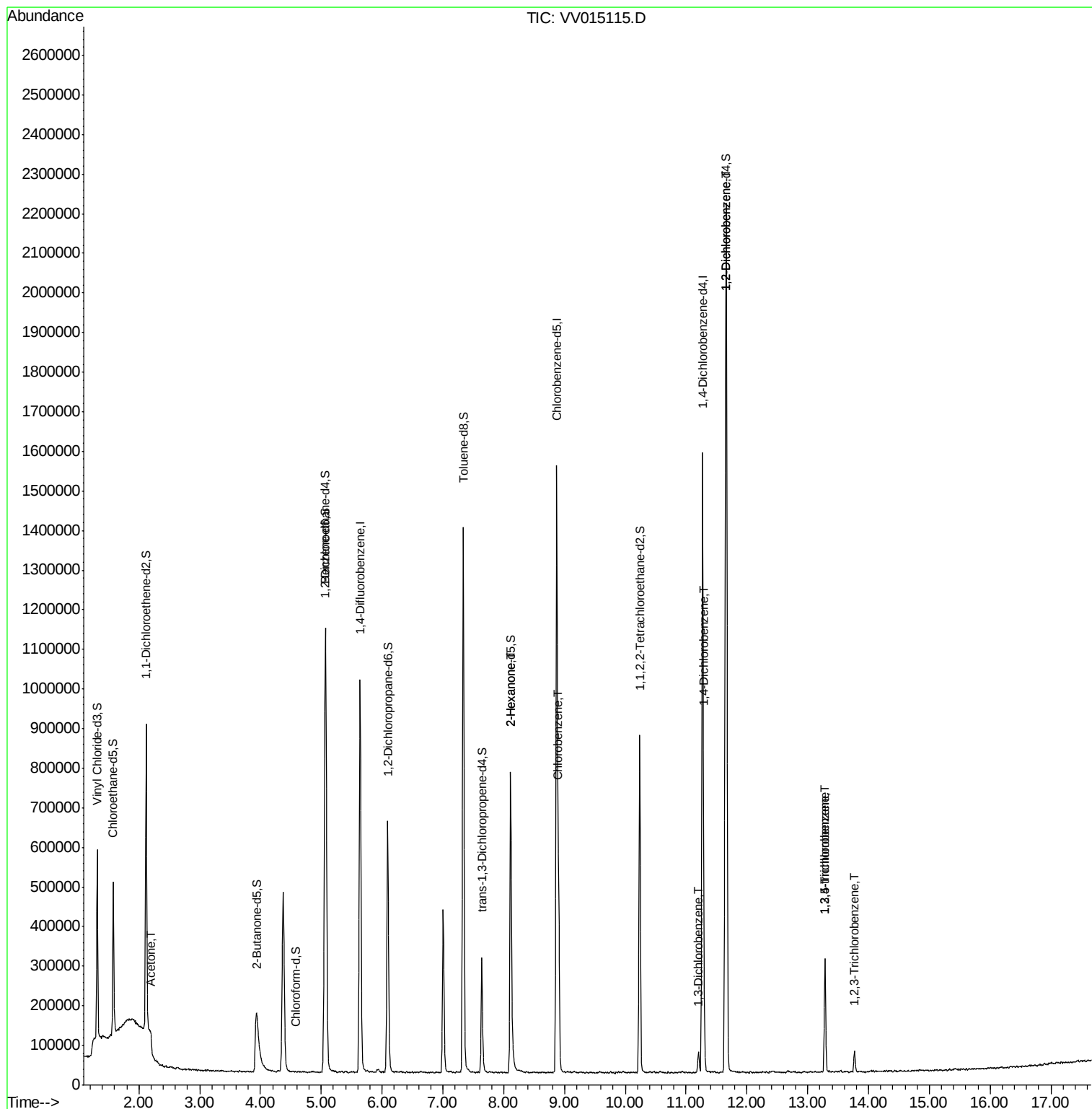
						Qvalue
13) Acetone	2.19	43	4404	1.091	ug/L	51
48) 2-Hexanone	8.11	43	37653	4.456	ug/L #	75
51) Chlorobenzene	8.90	112	269554	16.015	ug/L	98
62) 1,3-Dichlorobenzene	11.21	146	21044	1.647	ug/L	96
63) 1,4-Dichlorobenzene	11.29	146	75489	5.846	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	705823	53.020	ug/L	99
67) 1,3,5-Trichlorobenzene	13.29	180	82512	9.427	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	82512	9.926	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	14530	1.697	ug/L	97

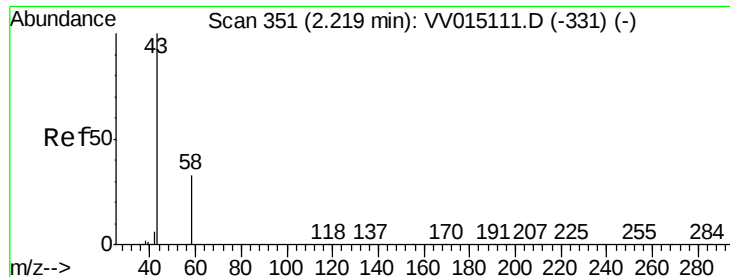
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.091 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.03 min

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Acq: 24 Mar 2020 11:28

Instrument :

MSVOA_V

ClientSampleId :

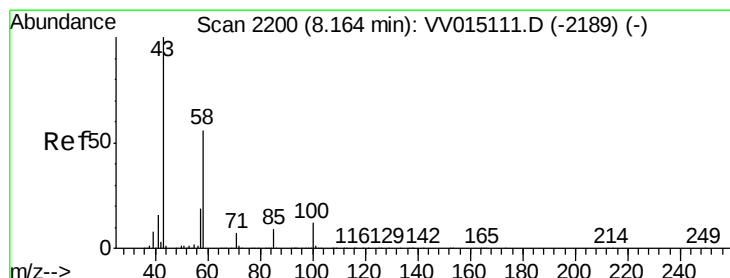
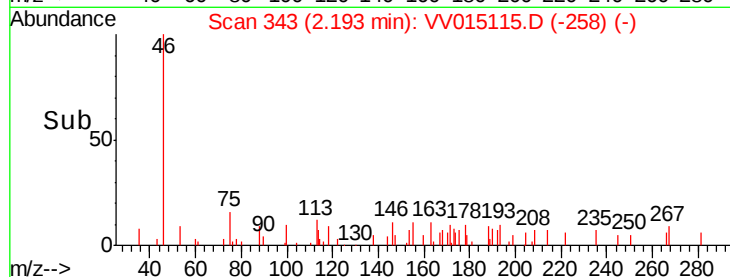
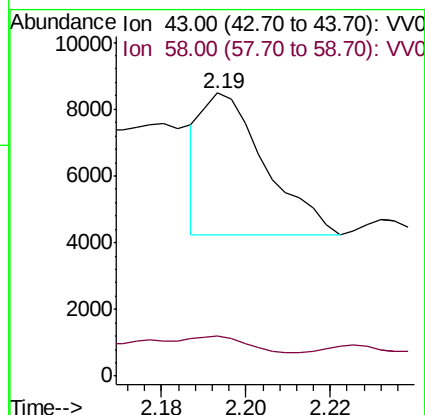
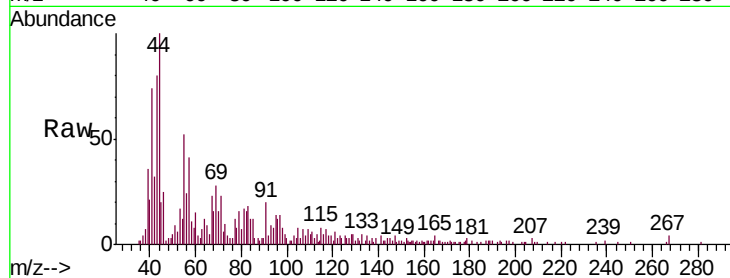
C0DC3DL

Tgt Ion: 43 Resp: 4404

Ion Ratio Lower Upper

43 100

58 4.6 0.0 64.2



#48

2-Hexanone

Concen: 4.456 ug/L

RT: 8.11 min Scan# 2184

Delta R.T. -0.05 min

Lab File: VV015115.D

Acq: 24 Mar 2020 11:28

Tgt Ion: 43 Resp: 37653

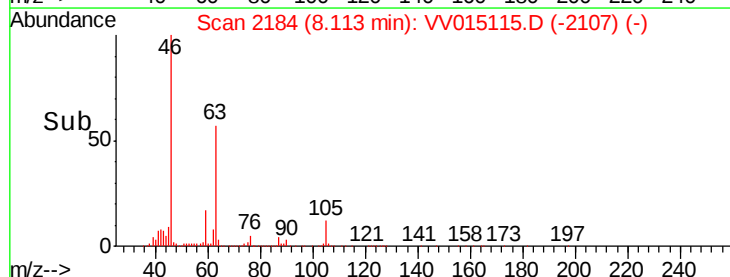
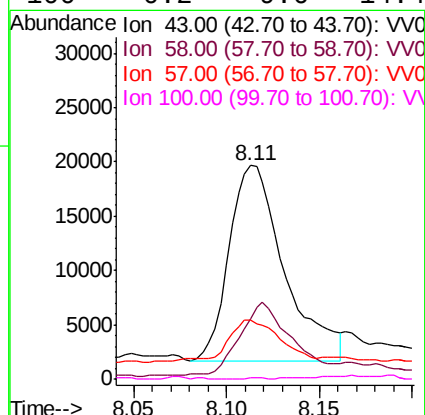
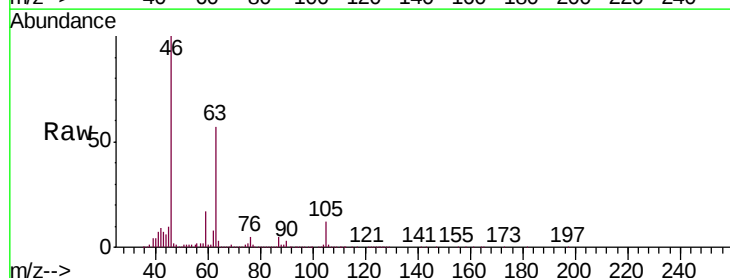
Ion Ratio Lower Upper

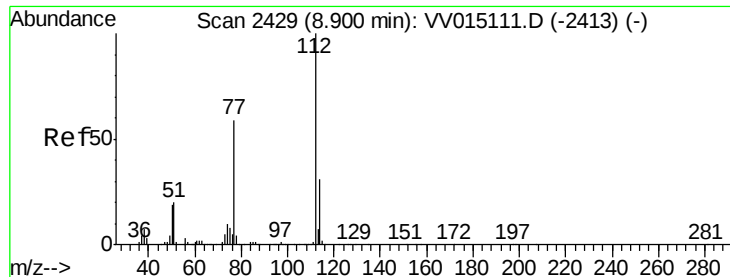
43 100

58 32.8 44.2 66.2#

57 16.6 14.0 21.0

100 0.2 9.6 14.4#





#51

Chlorobenzene

Concen: 16.015 ug/L

RT: 8.90 min Scan# 2429

Delta R.T. 0.00 min

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ClientSampleId :

C0DC3DL

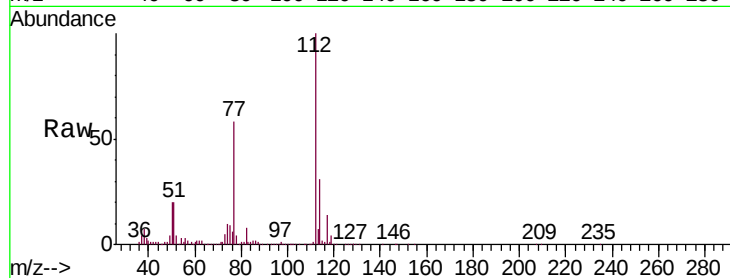
Tgt Ion:112 Resp: 269554

Ion Ratio Lower Upper

112 100

114 31.3 22.3 41.3

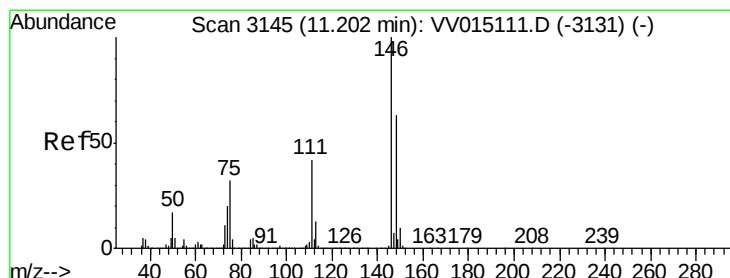
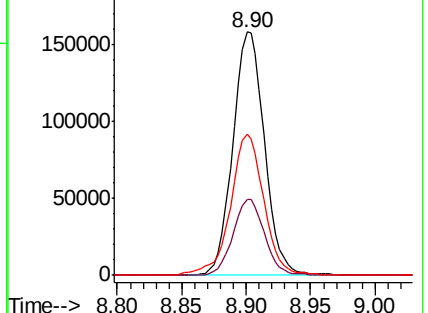
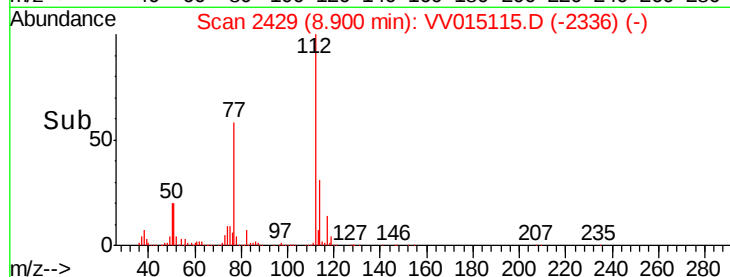
77 57.8 48.1 72.1



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): V



#62

1,3-Dichlorobenzene

Concen: 1.647 ug/L

RT: 11.21 min Scan# 3146

Delta R.T. 0.00 min

Lab File: VV015115.D

Acq: 24 Mar 2020 11:28

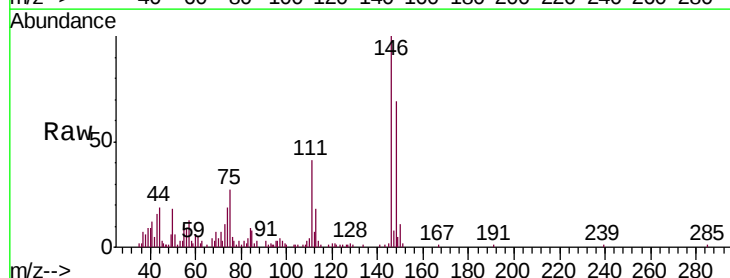
Tgt Ion:146 Resp: 21044

Ion Ratio Lower Upper

146 100

111 41.5 29.7 55.1

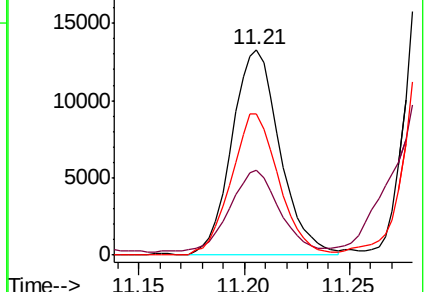
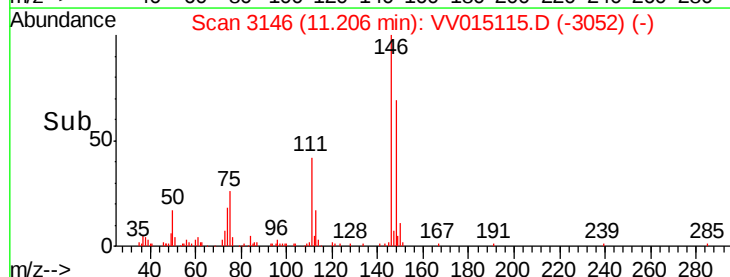
148 68.5 45.3 84.1

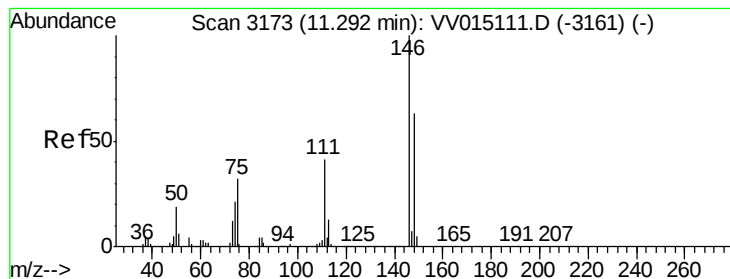


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#63

1,4-Dichlorobenzene

Concen: 5.846 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.00 min

Lab File: VV015115.D

Acq: 24 Mar 2020 11:28

Instrument :

MSVOA_V

ClientSampleId :

C0DC3DL

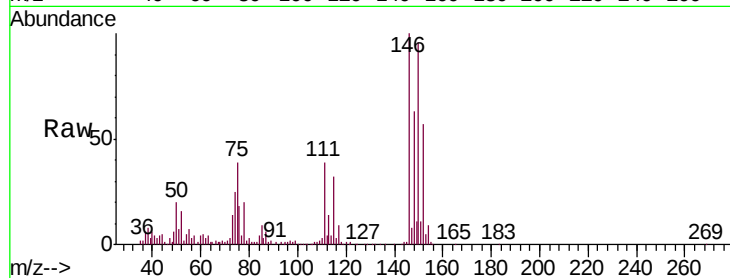
Tgt Ion:146 Resp: 75489

Ion Ratio Lower Upper

146 100

111 39.5 28.2 52.4

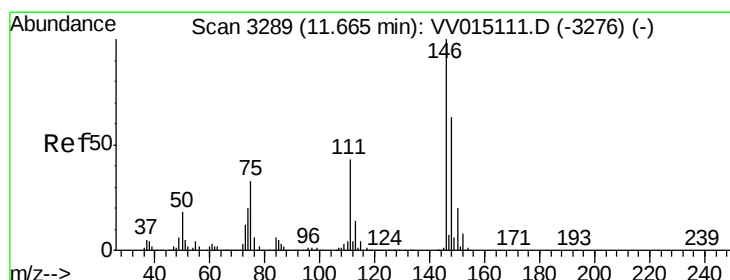
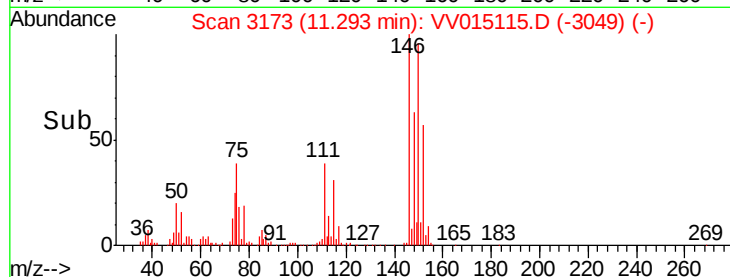
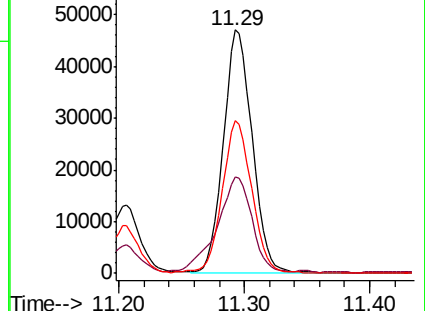
148 62.6 44.9 83.5



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



#65

1,2-Dichlorobenzene

Concen: 53.020 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV015115.D

Acq: 24 Mar 2020 11:28

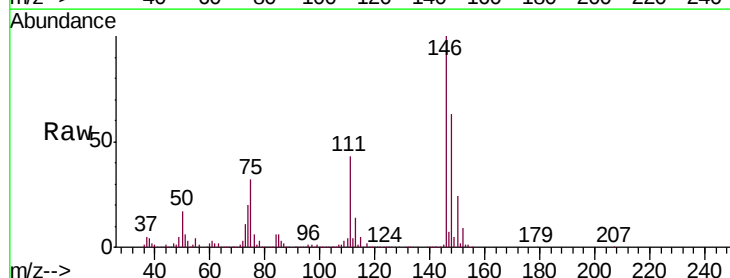
Tgt Ion:146 Resp: 705823

Ion Ratio Lower Upper

146 100

111 43.4 35.2 52.8

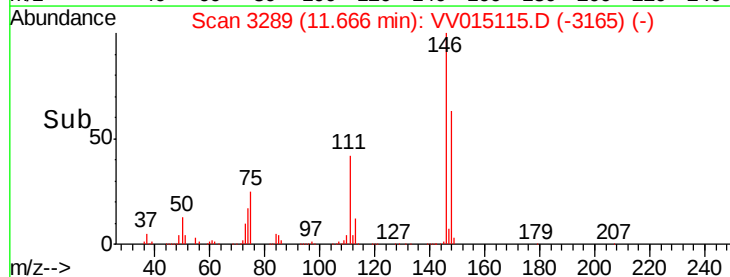
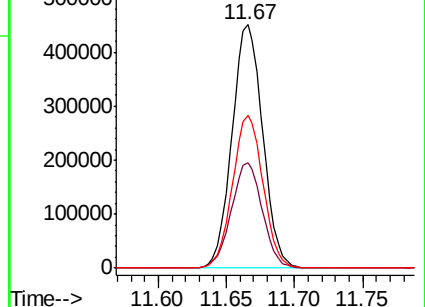
148 62.8 50.6 75.8

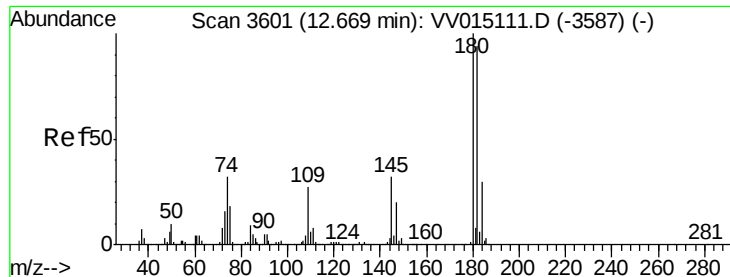


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

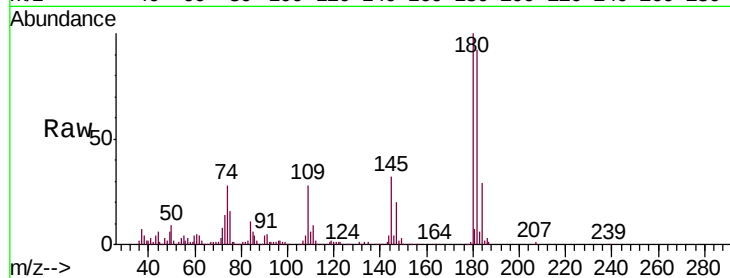




#67
 1,3,5-Trichlorobenzene
 Concen: 9.427 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.62 min
 Lab File: VV015115.D
 Acq: 24 Mar 2020 11:28

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DC3DL

Tgt Ion:	180	Resp:	82512
Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.9	113.9
184	30.6	23.7	35.5
145	33.3	25.8	38.6



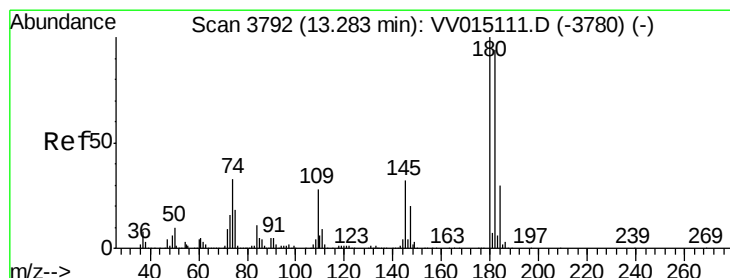
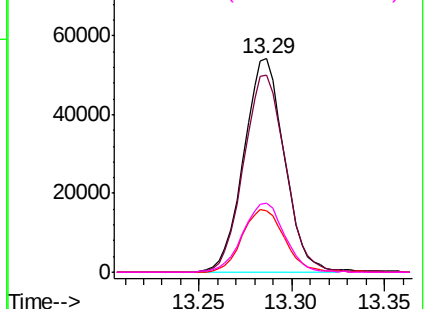
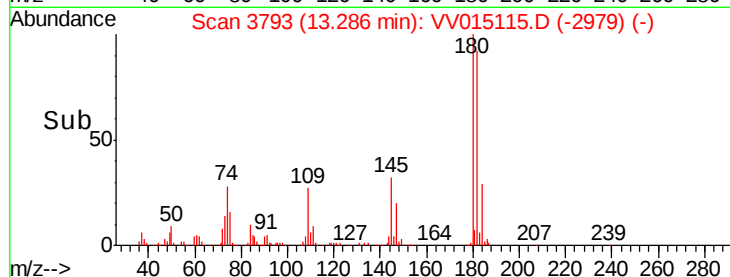
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

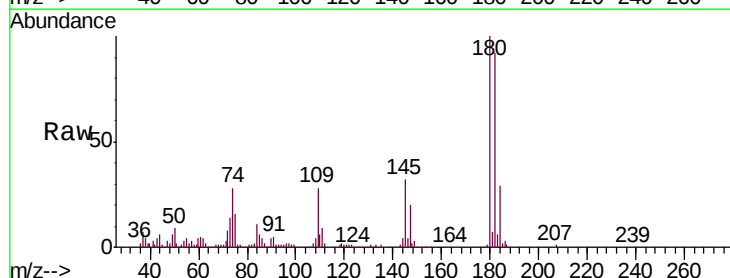
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 9.926 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.00 min
 Lab File: VV015115.D
 Acq: 24 Mar 2020 11:28

Tgt Ion:	180	Resp:	82512
Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.5	113.3
145	33.3	26.4	39.6

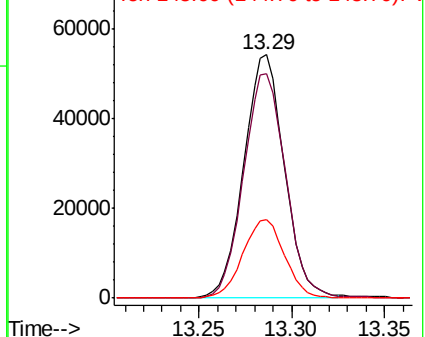
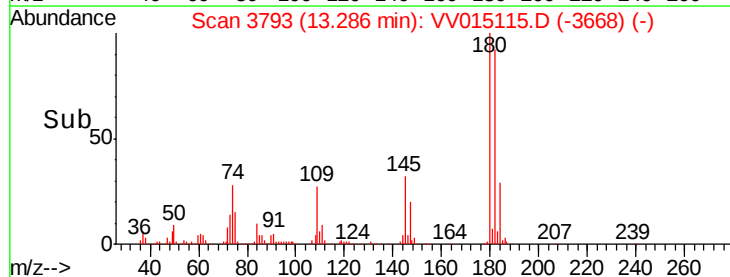


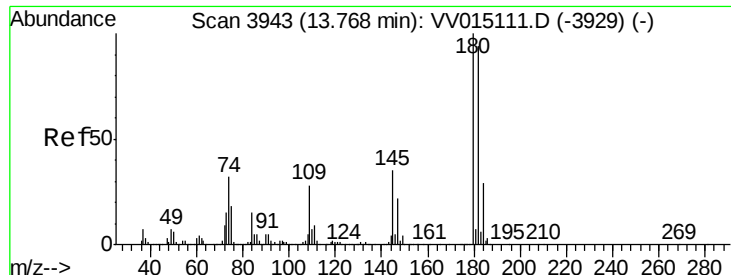
Abundance

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: 1.697 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. 0.00 min
 Lab File: VV015115.D
 Acq: 24 Mar 2020 11:28

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DC3DL

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.6	115.0
145	38.8	27.8	41.6

