

Data File : VV015116.D
Acq On : 24 Mar 2020 12:11
Operator : SY/MD
Sample : L1941-02DL100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0DM0DL

Quant Time: Mar 25 01:13:40 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	766720	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	721931	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	357809	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	281384	39.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.46%
7) Chloroethane-d5	1.58	69	248538	41.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.92%
11) 1,1-Dichloroethene-d2	2.12	63	405599	34.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.62%
21) 2-Butanone-d5	3.93	46	355529	77.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.05%
24) Chloroform-d	4.37	84	438323	40.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.88%
26) 1,2-Dichloroethane-d4	5.05	65	282845	41.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.00%
32) Benzene-d6	5.07	84	920964	42.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.24%
36) 1,2-Dichloropropane-d6	6.09	67	288757	40.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.70%
41) Toluene-d8	7.33	98	892430	44.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.04%
43) trans-1,3-Dichloropropene-	7.64	79	155789	41.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.44%
47) 2-Hexanone-d5	8.11	63	276366	76.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.86%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	401950	40.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.12%
64) 1,2-Dichlorobenzene-d4	11.65	152	337667	42.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.52%

Target Compounds

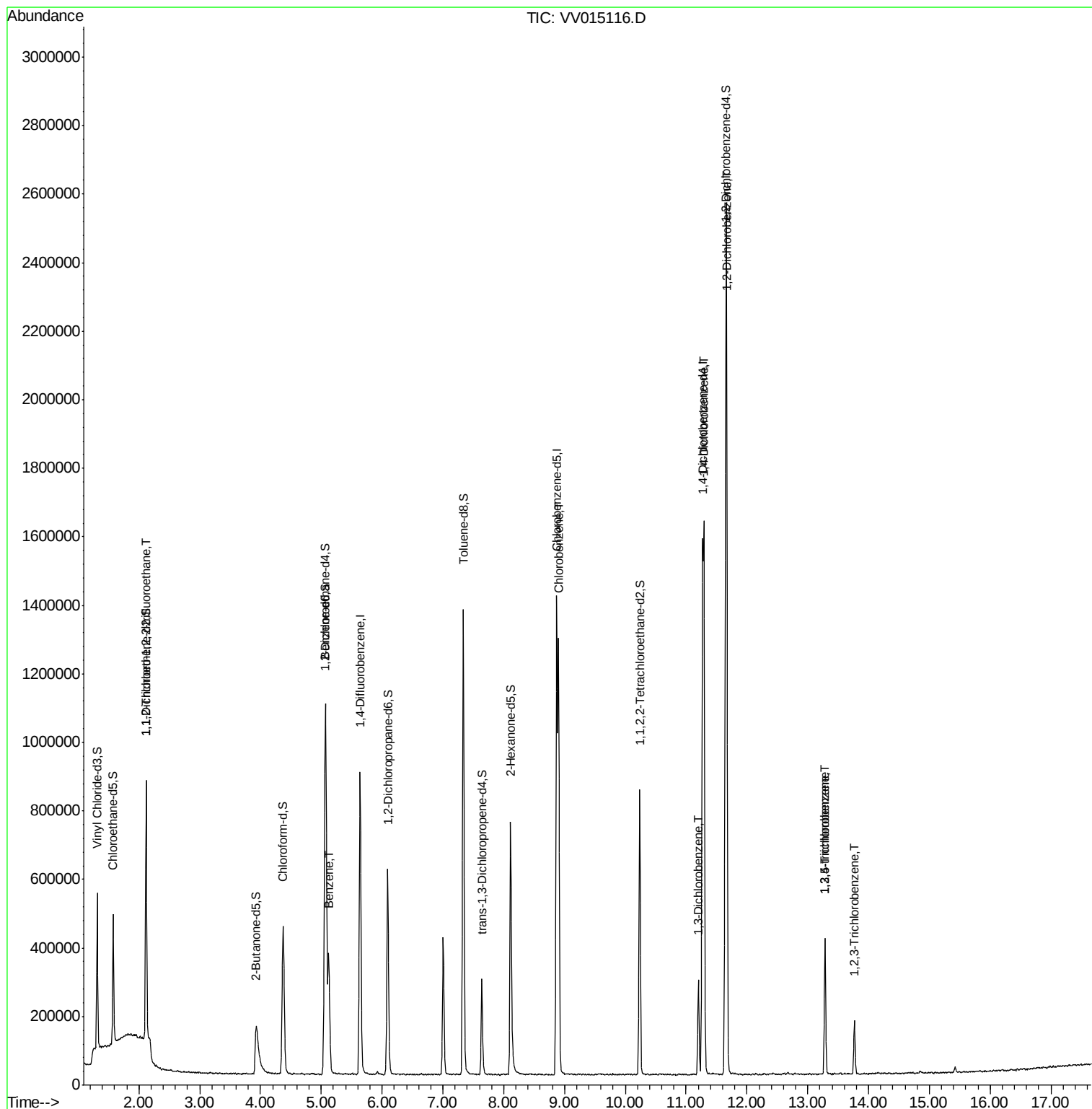
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	3559	0.771 ug/L	# 39
33) Benzene	5.12	78	354199	16.158 ug/L	100
51) Chlorobenzene	8.90	112	643132	42.926 ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	107446	9.033 ug/L	96
63) 1,4-Dichlorobenzene	11.29	146	579570	48.202 ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	846907	68.323 ug/L	99
67) 1,3,5-Trichlorobenzene	13.29	180	112881	13.851 ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	112881	14.584 ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	44125	5.534 ug/L	99

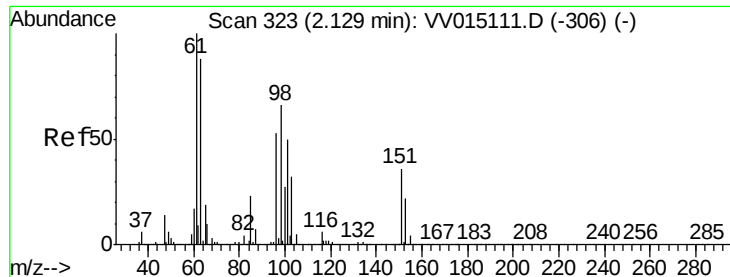
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.771 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV015116.D

Acq: 24 Mar 2020 12:11

Instrument :

MSVOA_V

ClientSampleId :

C0DM0DL

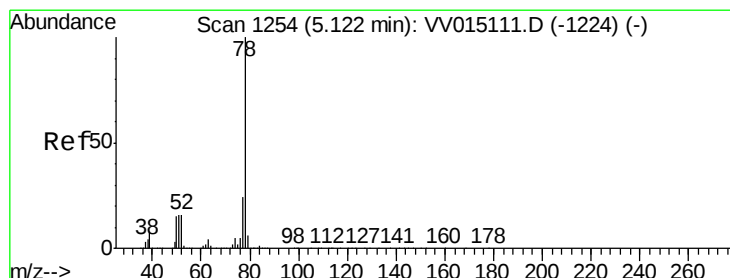
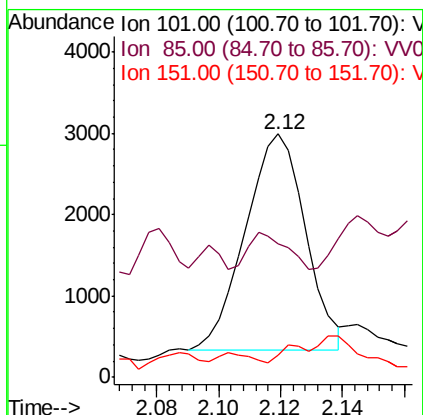
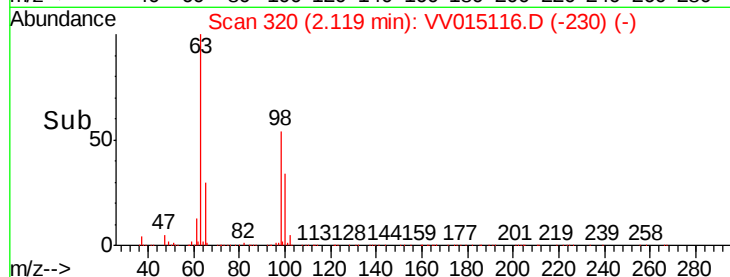
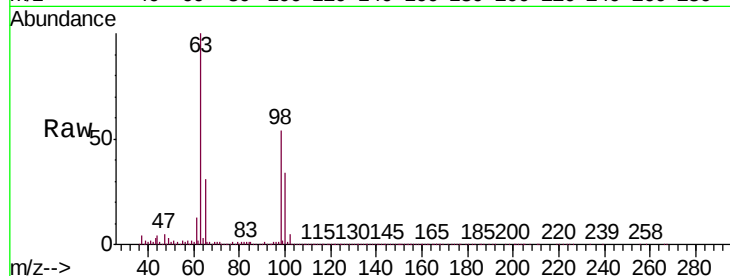
Tgt Ion:101 Resp: 3559

Ion Ratio Lower Upper

101 100

85 24.1 37.2 55.8#

151 5.9 56.3 84.5#



#33

Benzene

Concen: 16.158 ug/L

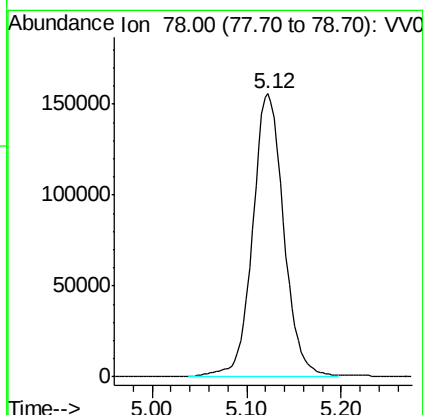
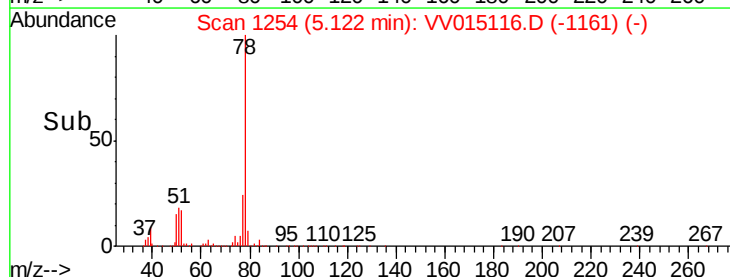
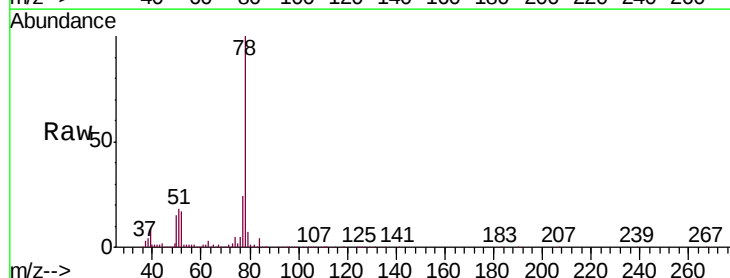
RT: 5.12 min Scan# 1254

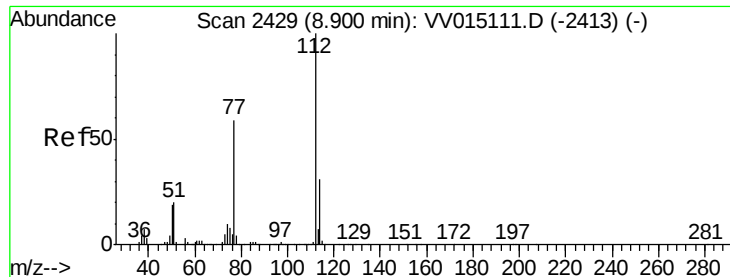
Delta R.T. 0.00 min

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Tgt Ion: 78 Resp: 354199





#51

Chlorobenzene

Concen: 42.926 ug/L

RT: 8.90 min Scan# 2429

Delta R.T. 0.00 min

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Acq: 24 Mar 2020 12:11

Instrument :

MSVOA_V

ClientSampled :

CODMODL

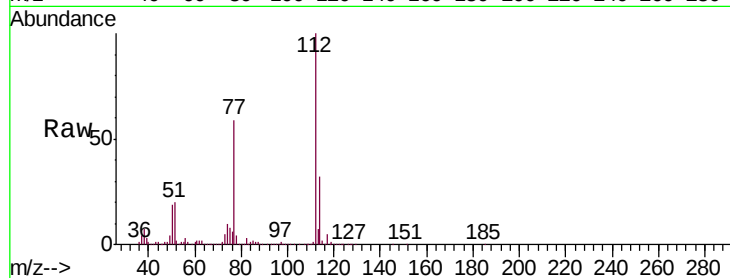
Tgt Ion:112 Resp: 643132

Ion Ratio Lower Upper

112 100

114 32.2 22.3 41.3

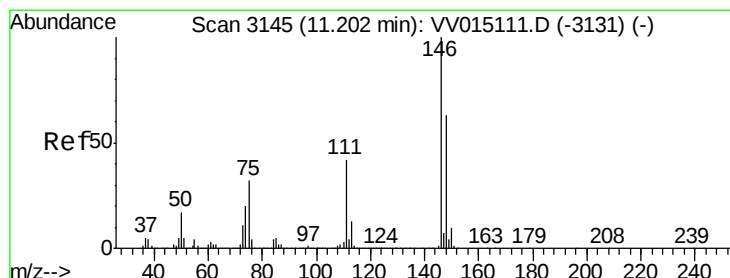
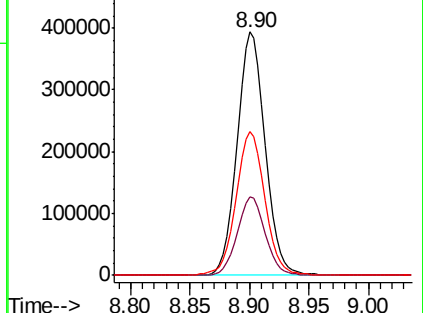
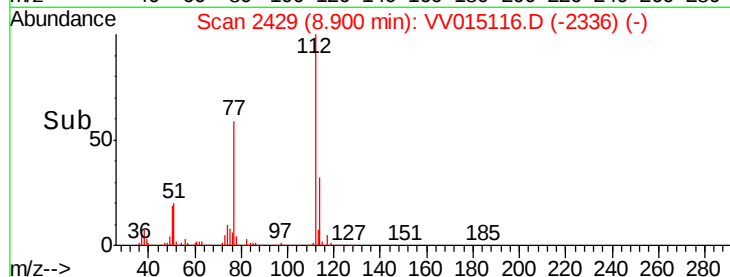
77 59.2 48.1 72.1



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: 9.033 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. 0.00 min

Lab File: VV015116.D

Acq: 24 Mar 2020 12:11

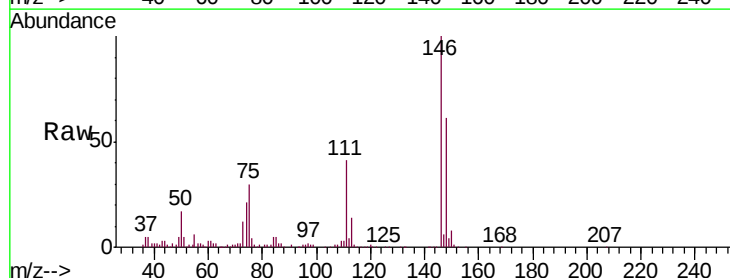
Tgt Ion:146 Resp: 107446

Ion Ratio Lower Upper

146 100

111 40.7 29.7 55.1

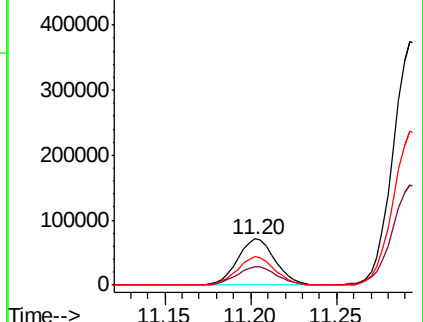
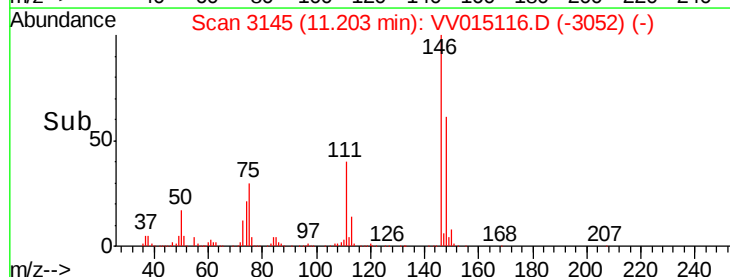
148 61.2 45.3 84.1

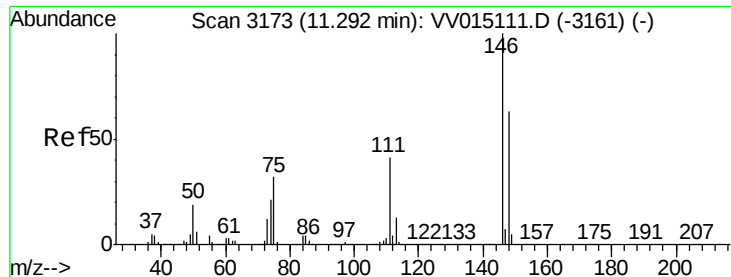


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

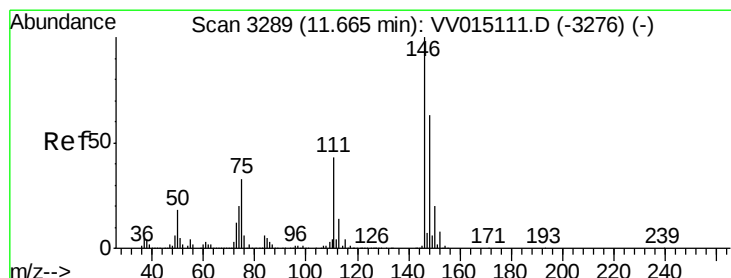
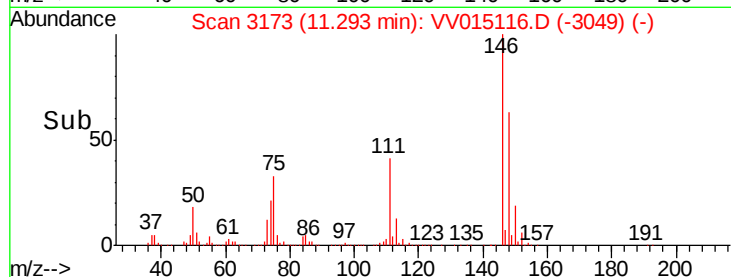
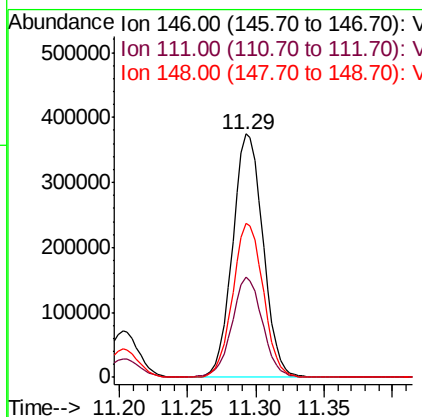
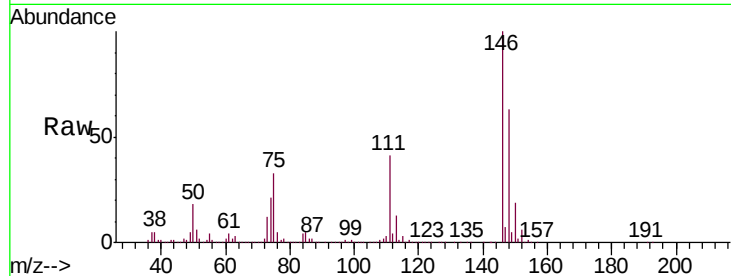




#63
 1,4-Dichlorobenzene
 Concen: 48.202 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.00 min
 Lab File: VV015116.D
 Acq: 24 Mar 2020 12:11

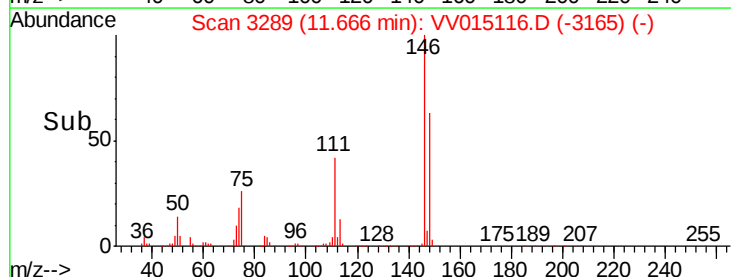
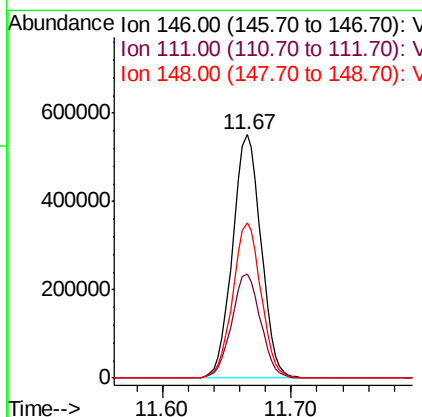
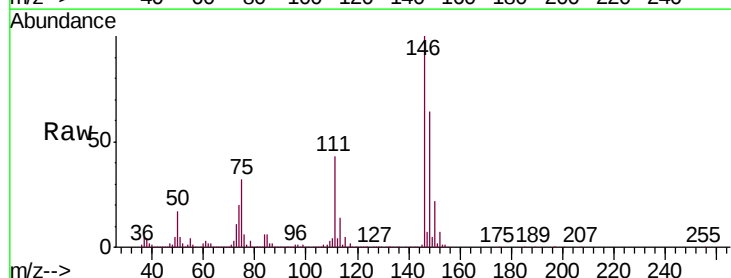
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 MSVOA_V
 ClientSampleId :
 C0DM0DL

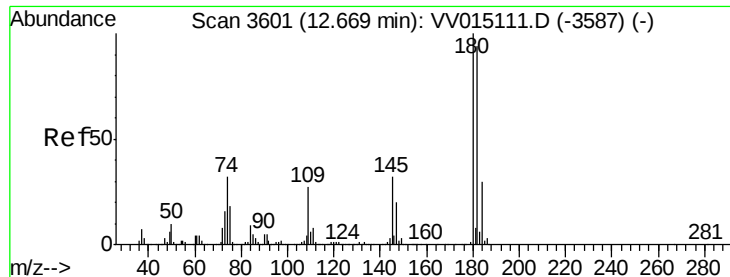
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	28.2	52.4
148	63.2	44.9	83.5



#65
 1,2-Dichlorobenzene
 Concen: 68.323 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. 0.00 min
 Lab File: VV015116.D
 Acq: 24 Mar 2020 12:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.7	35.2	52.8
148	63.6	50.6	75.8

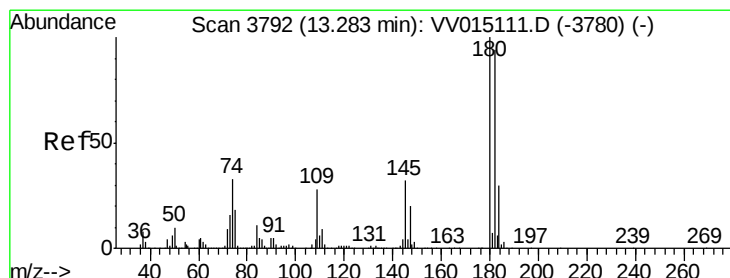
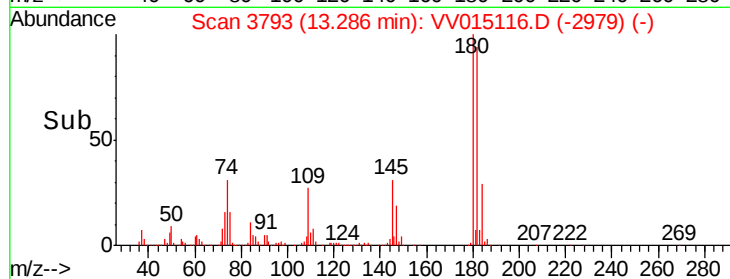
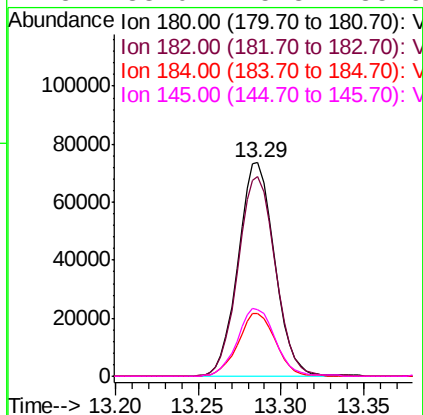
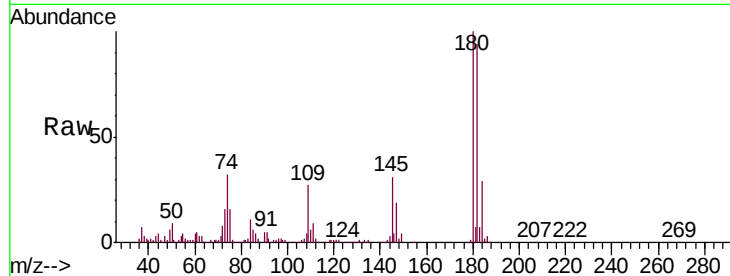




#67
 1,3,5-Trichlorobenzene
 Concen: 13.851 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.62 min
 Lab File: VV015116.D
 Acq: 24 Mar 2020 12:11

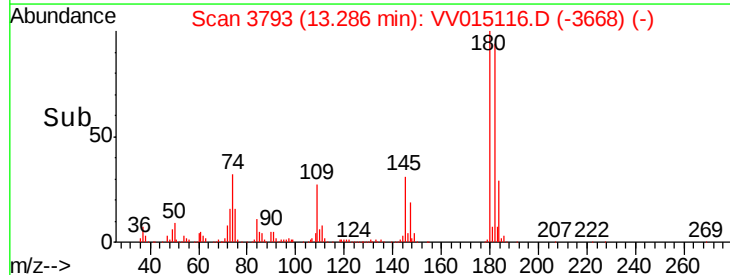
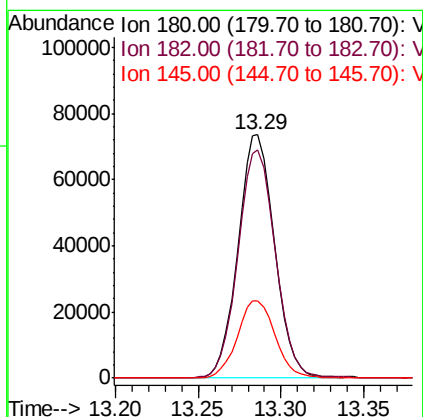
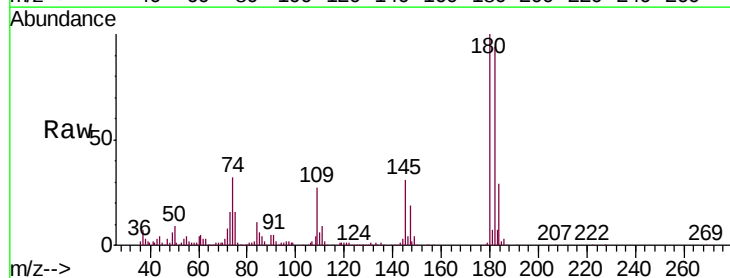
Instrument :
 MSVOA_V
 ClientSampled :
 C0DM0DL

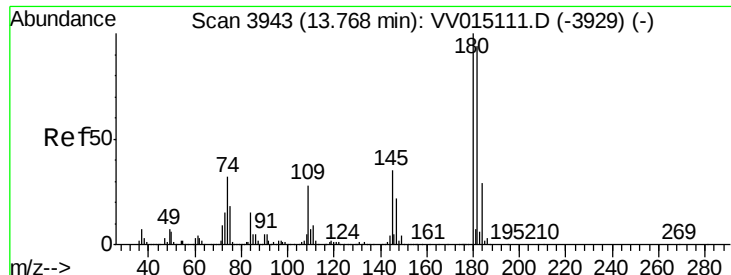
Tgt Ion:	180	Resp:	112881
Ion	Ratio	Lower	Upper
180	100		
182	96.2	75.9	113.9
184	30.1	23.7	35.5
145	33.0	25.8	38.6



#68
 1,2,4-trichlorobenzene
 Concen: 14.584 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.00 min
 Lab File: VV015116.D
 Acq: 24 Mar 2020 12:11

Tgt Ion:	180	Resp:	112881
Ion	Ratio	Lower	Upper
180	100		
182	96.2	75.5	113.3
145	33.0	26.4	39.6

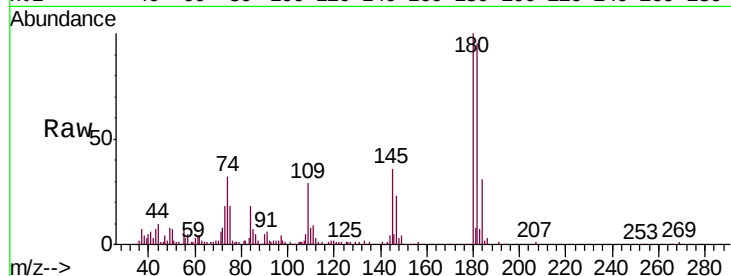




#70
 1,2,3-Trichlorobenzene
 Concen: 5.534 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. 0.00 min
 Lab File: VV015116.D
 Acq: 24 Mar 2020 12:11

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DM0DL

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.6	115.0
145	36.5	27.8	41.6



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

