

Data File : VV015151.D
Acq On : 25 Mar 2020 22:08
Operator : SY/MD
Sample : L1968-03DL 400X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0DC9DL

Quant Time: Mar 26 02:05:28 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	561023	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	539292	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	237439	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	206602	44.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.08%
7) Chloroethane-d5	1.58	69	197528	46.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.98%
11) 1,1-Dichloroethene-d2	2.12	63	335142	36.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.54%
21) 2-Butanone-d5	3.94	46	293792	95.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.44%
24) Chloroform-d	4.38	84	367454	47.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.44%
26) 1,2-Dichloroethane-d4	5.06	65	248737	49.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.52%
32) Benzene-d6	5.08	84	747567	48.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.16%
36) 1,2-Dichloropropane-d6	6.10	67	237229	48.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.14%
41) Toluene-d8	7.34	98	710149	47.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.56%
43) trans-1,3-Dichloropropene-	7.64	79	113687	42.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.12%
47) 2-Hexanone-d5	8.12	63	244628	98.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.97%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	338521	46.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.18%
64) 1,2-Dichlorobenzene-d4	11.65	152	253335	47.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

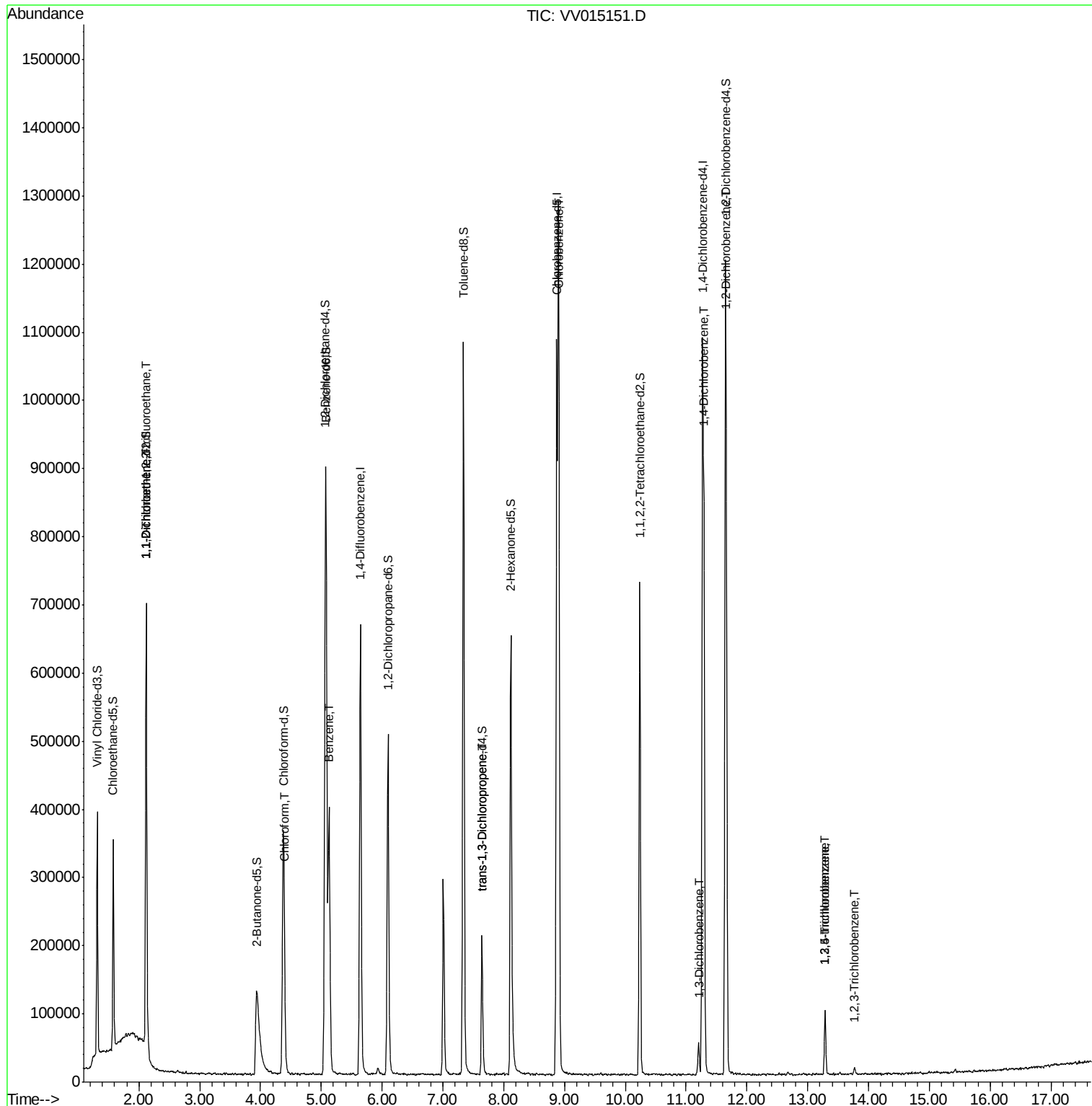
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	3739	0.954	ug/L #	27
12) 1,1-Dichloroethene	2.12	96	2785	0.738	ug/L #	1
25) Chloroform	4.40	83	7777	1.221	ug/L	80
33) Benzene	5.13	78	397696	28.656	ug/L	100
44) trans-1,3-Dichloropropene	7.64	75	5517	0.940	ug/L #	71
51) Chlorobenzene	8.90	112	652797	65.246	ug/L	99
62) 1,3-Dichlorobenzene	11.21	146	17383	2.500	ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	293853	41.476	ug/L	96
65) 1,2-Dichlorobenzene	11.67	146	193225	27.539	ug/L	97
67) 1,3,5-Trichlorobenzene	13.29	180	23851	5.089	ug/L	96
68) 1,2,4-trichlorobenzene	13.29	180	23851	5.405	ug/L	96
70) 1,2,3-Trichlorobenzene	13.77	180	2253	0.514	ug/L	95

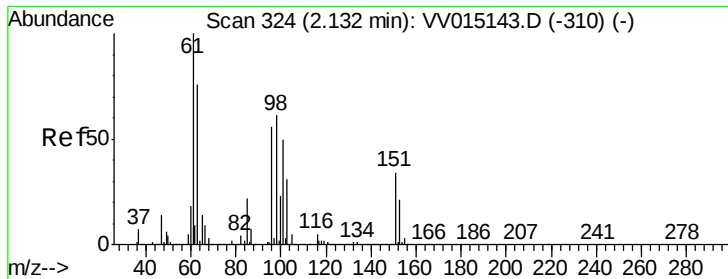
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.954 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV015151.D

Acq: 25 Mar 2020 22:08

Instrument :

MSVOA_V

ClientSampleId :

C0DC9DL

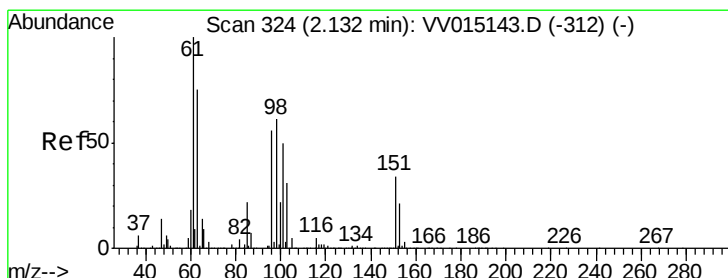
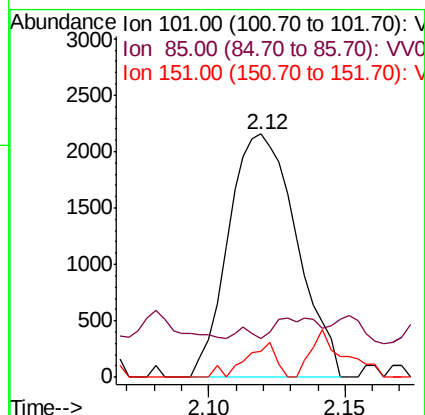
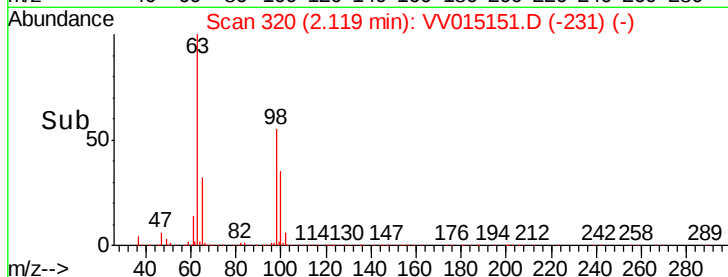
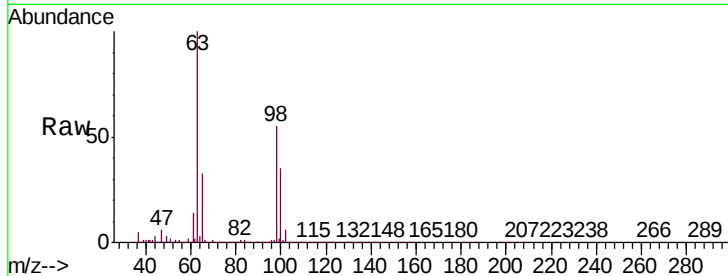
Tgt Ion: 101 Resp: 3739

Ion Ratio Lower Upper

101 100

85 3.2 36.0 54.0#

151 5.8 56.2 84.2#



#12

1,1-Dichloroethene

Concen: 0.738 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV015151.D

Acq: 25 Mar 2020 22:08

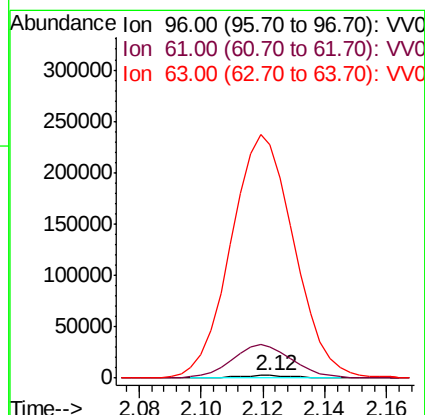
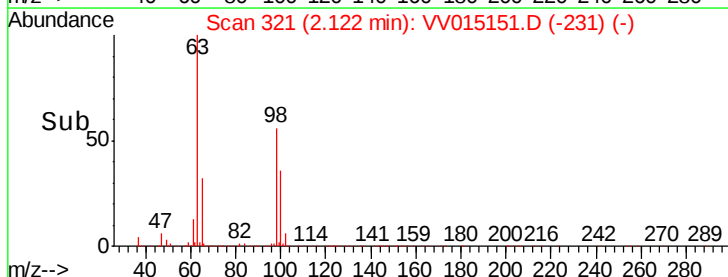
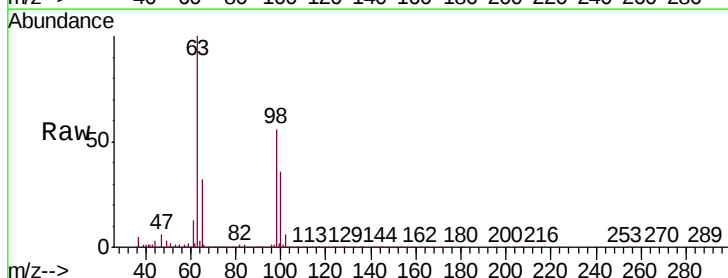
Tgt Ion: 96 Resp: 2785

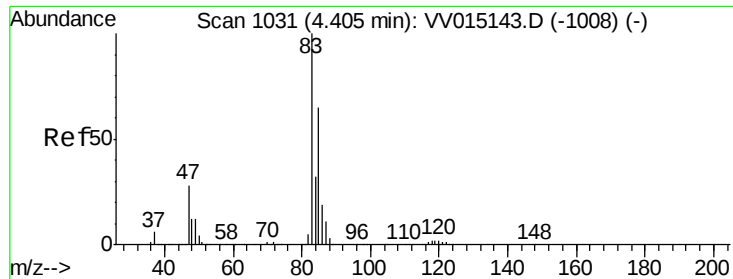
Ion Ratio Lower Upper

96 100

61 1241.2 128.6 238.8#

63 9296.7 97.5 181.1#

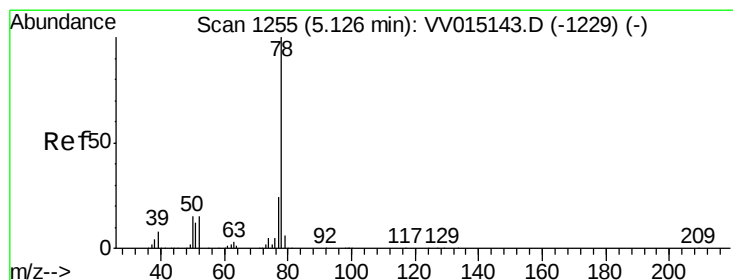
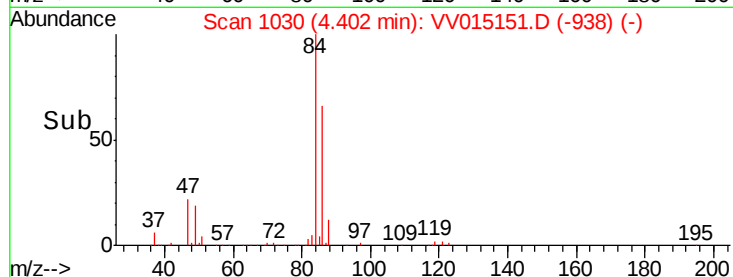
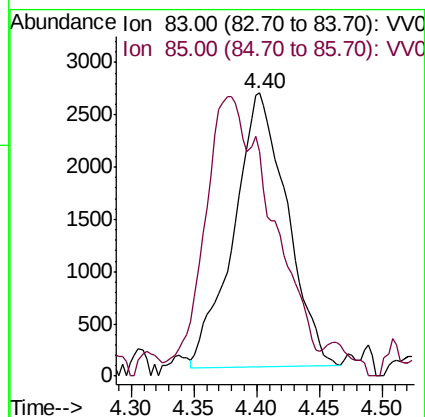
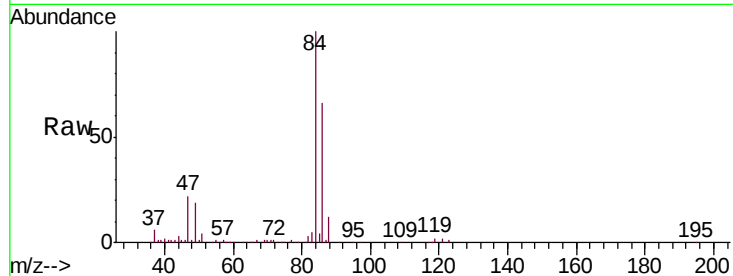




#25
Chloroform
Concen: 1.221 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VV015151.D
Acq: 25 Mar 2020 22:08

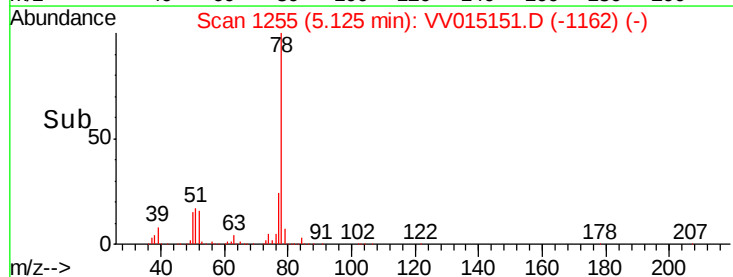
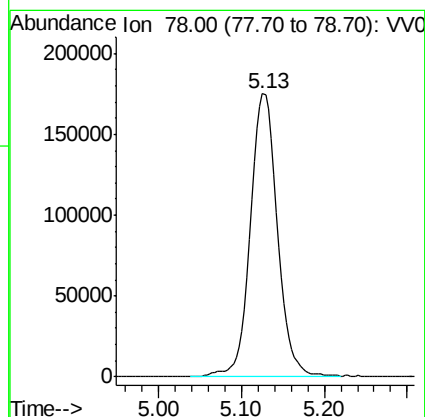
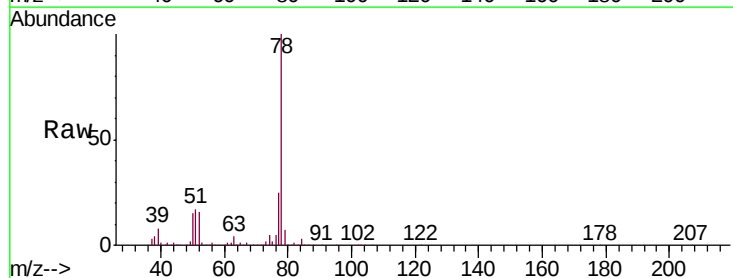
Instrument :
MSVOA_V
ClientSampleId :
C0DC9DL

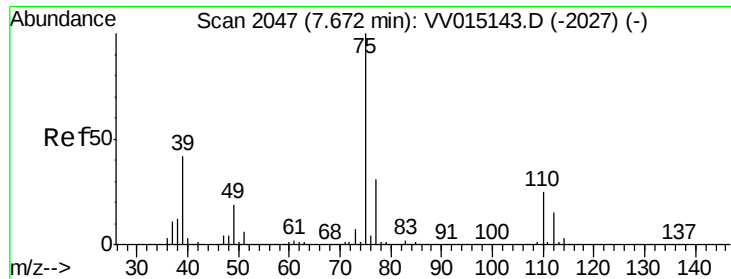
Tgt Ion: 83 Resp: 7777
Ion Ratio Lower Upper
83 100
85 79.3 44.8 83.2



#33
Benzene
Concen: 28.656 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. -0.00 min
Lab File: VV015151.D
Acq: 25 Mar 2020 22:08

Tgt Ion: 78 Resp: 397696

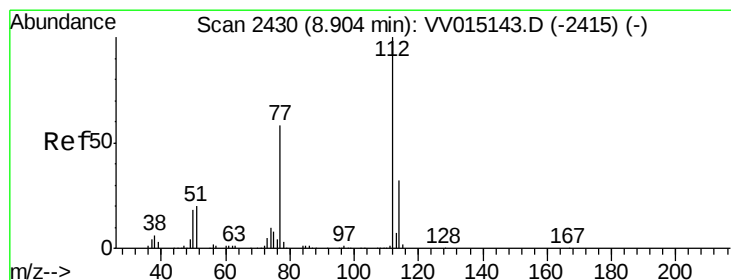
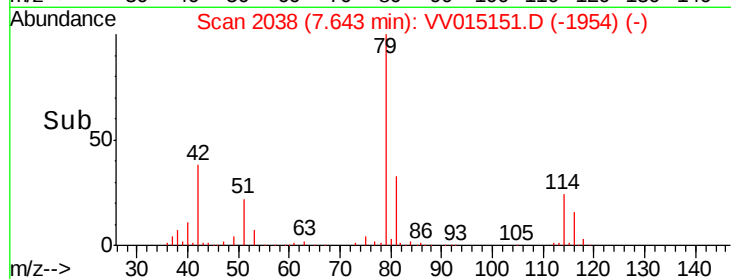
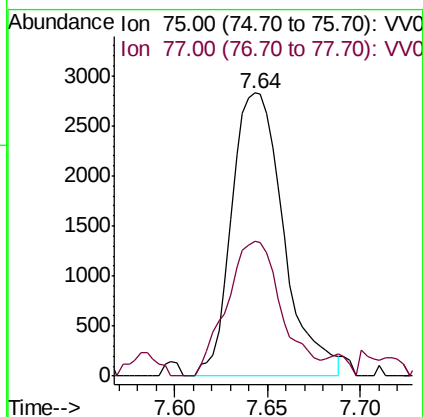
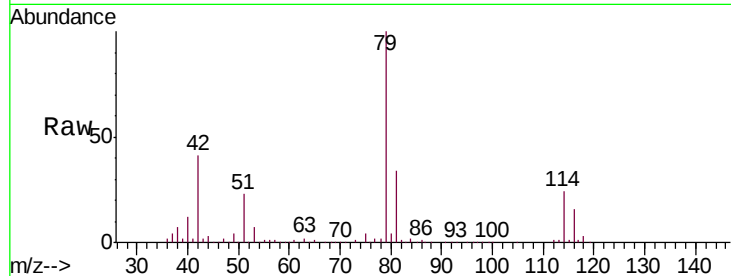




#44
trans-1,3-Dichloropropene
Concen: 0.940 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV015151.D
Acq: 25 Mar 2020 22:08

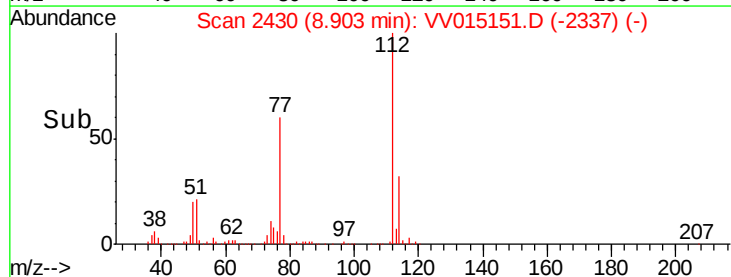
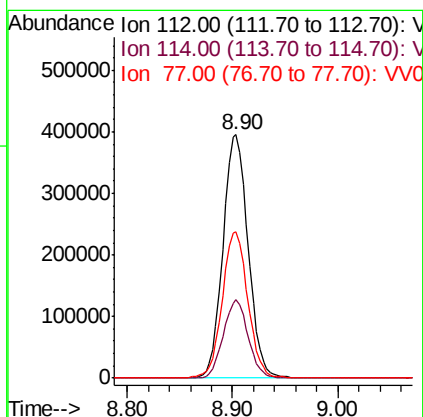
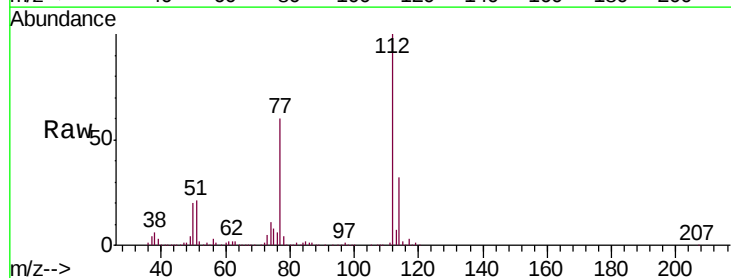
Instrument :
MSVOA_V
ClientSampleId :
C0DC9DL

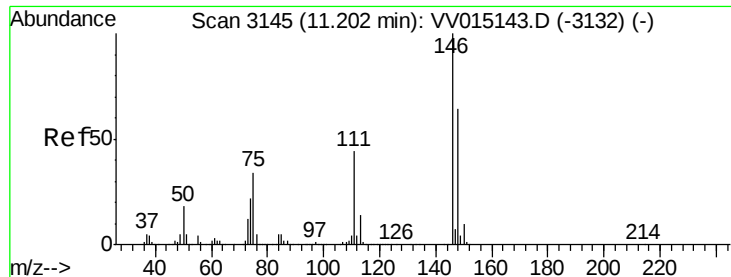
Tgt Ion: 75 Resp: 5517
Ion Ratio Lower Upper
75 100
77 47.8 22.0 41.0#



#51
Chlorobenzene
Concen: 65.246 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. -0.00 min
Lab File: VV015151.D
Acq: 25 Mar 2020 22:08

Tgt Ion: 112 Resp: 652797
Ion Ratio Lower Upper
112 100
114 32.0 22.0 40.8
77 60.3 47.2 70.8





#62

1,3-Dichlorobenzene

Concen: 2.500 ug/L

RT: 11.21 min Scan# 3146

Delta R.T. 0.00 min

Lab File: VV015151.D

Acq: 25 Mar 2020 22:08

Instrument :

MSVOA_V

ClientSampleId :

C0DC9DL

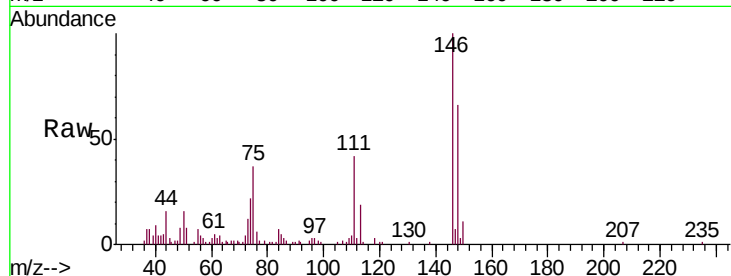
Tgt Ion:146 Resp: 17383

Ion Ratio Lower Upper

146 100

111 41.9 29.3 54.5

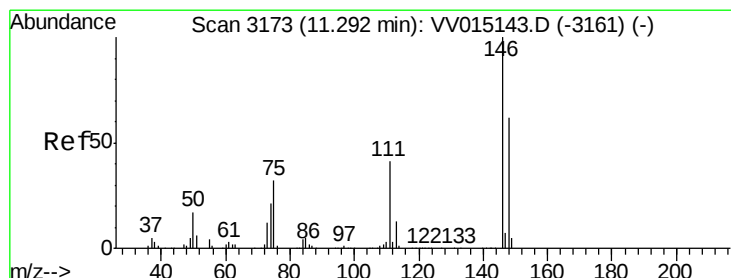
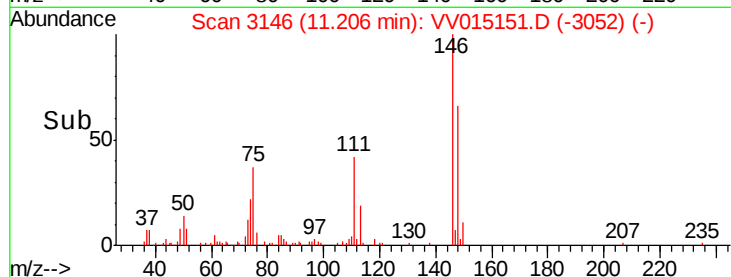
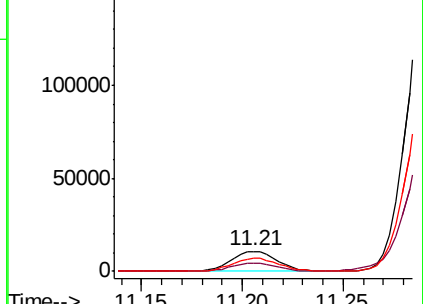
148 65.9 44.7 82.9



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: 41.476 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.00 min

Lab File: VV015151.D

Acq: 25 Mar 2020 22:08

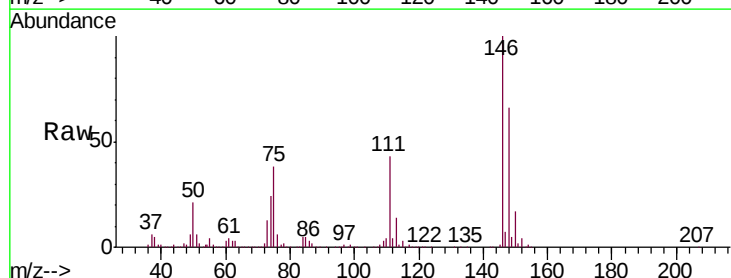
Tgt Ion:146 Resp: 293853

Ion Ratio Lower Upper

146 100

111 42.9 28.4 52.8

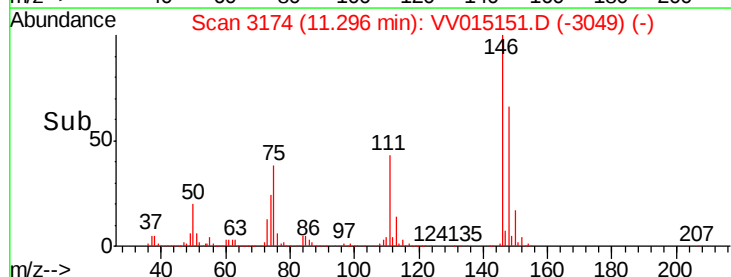
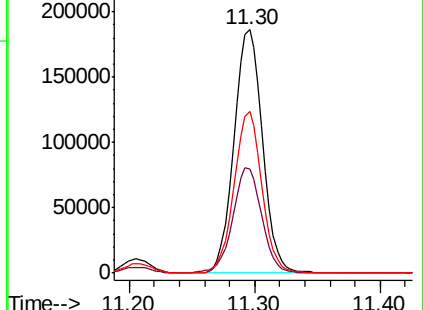
148 66.4 44.0 81.8

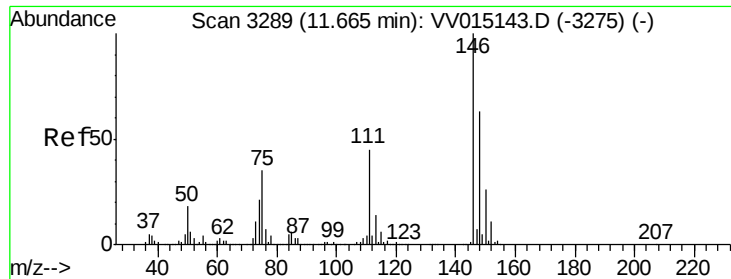


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

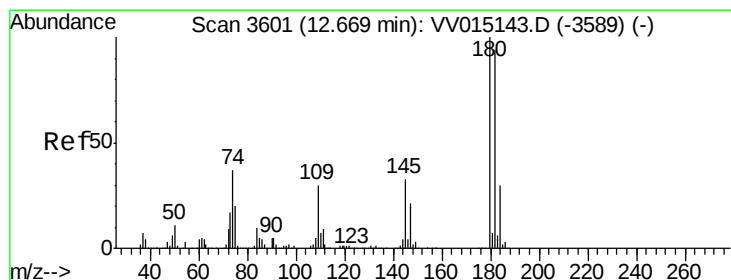
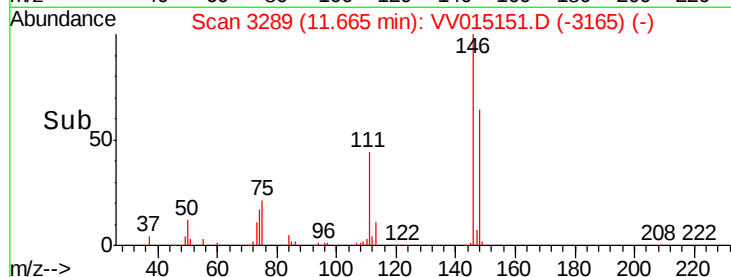
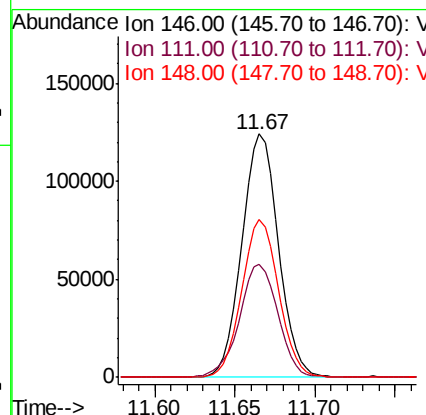
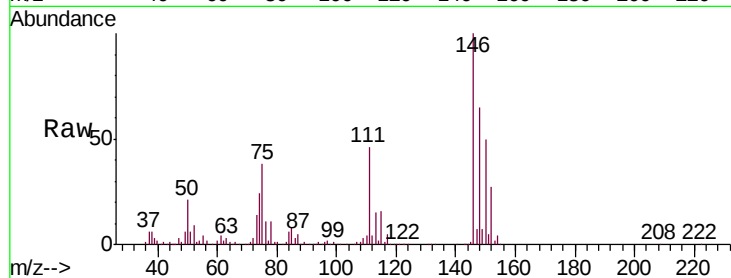




#65
 1,2-Dichlorobenzene
 Concen: 27.539 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. -0.00 min
 Lab File: VV015151.D
 Acq: 25 Mar 2020 22:08

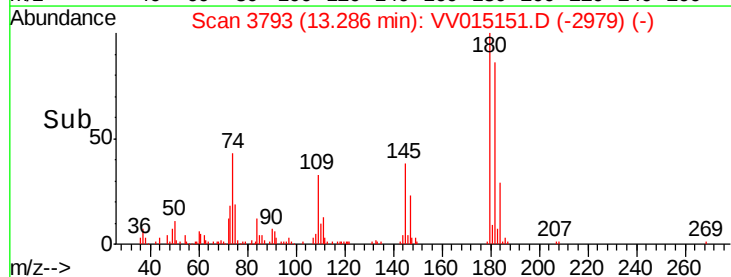
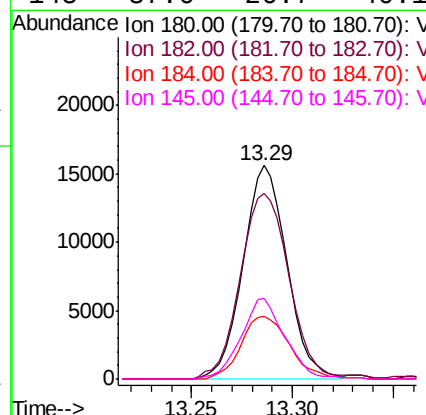
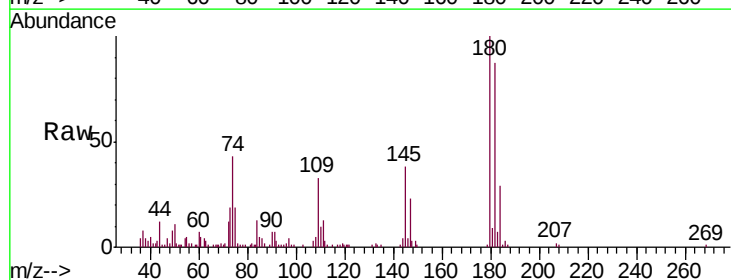
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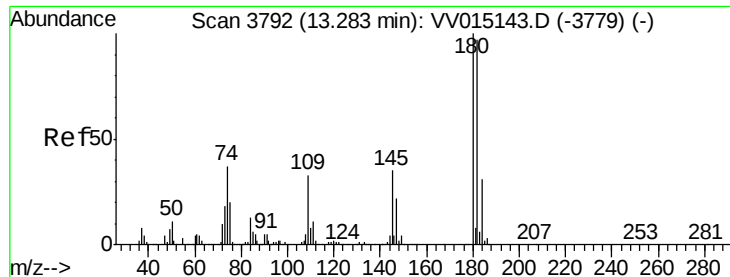
Tgt Ion:146 Resp: 193225
 Ion Ratio Lower Upper
 146 100
 111 46.4 35.4 53.2
 148 64.6 49.7 74.5



#67
 1,3,5-Trichlorobenzene
 Concen: 5.089 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.62 min
 Lab File: VV015151.D
 Acq: 25 Mar 2020 22:08

Tgt Ion:180 Resp: 23851
 Ion Ratio Lower Upper
 180 100
 182 97.4 76.1 114.1
 184 32.4 24.4 36.6
 145 37.6 26.7 40.1

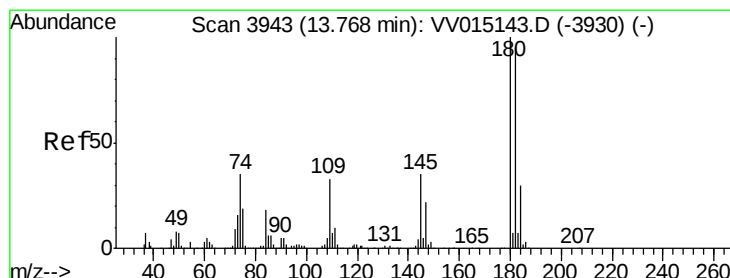
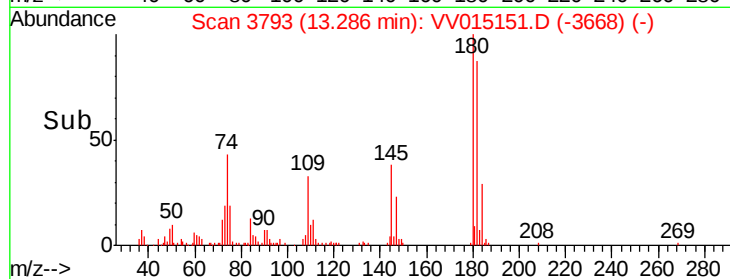
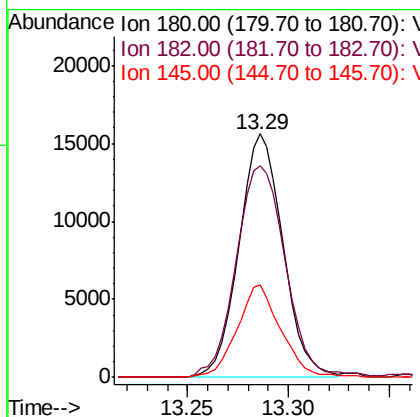
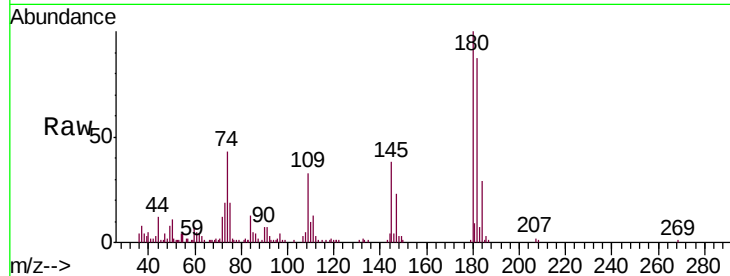




#68
 1,2,4-trichlorobenzene
 Concen: 5.405 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.00 min
 Lab File: VV015151.D
 Acq: 25 Mar 2020 22:08

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DC9DL

Tgt Ion:180 Resp: 23851
 Ion Ratio Lower Upper
 180 100
 182 97.4 76.1 114.1
 145 37.6 26.6 40.0



#70
 1,2,3-Trichlorobenzene
 Concen: 0.514 ug/L
 RT: 13.77 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VV015151.D
 Acq: 25 Mar 2020 22:08

Tgt Ion:180 Resp: 2253
 Ion Ratio Lower Upper
 180 100
 182 100.4 76.3 114.5
 145 40.4 29.6 44.4

