

Data File : VV015123.D
Acq On : 24 Mar 2020 15:00
Operator : SY/MD
Sample : L1968-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0DD9

Quant Time: Mar 25 01:15:47 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	754262	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	720715	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	333314	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	274779	39.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.88%
7) Chloroethane-d5	1.58	69	247033	41.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.78%
11) 1,1-Dichloroethene-d2	2.12	63	398643	34.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.54%
21) 2-Butanone-d5	3.93	46	384234	84.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.64%
24) Chloroform-d	4.38	84	441649	41.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.86%
26) 1,2-Dichloroethane-d4	5.06	65	289205	43.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.26%
32) Benzene-d6	5.08	84	920166	42.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.30%
36) 1,2-Dichloropropane-d6	6.10	67	293416	41.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.14%
41) Toluene-d8	7.34	98	885741	43.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.52%
43) trans-1,3-Dichloropropene-	7.64	79	156889	41.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.16%
47) 2-Hexanone-d5	8.11	63	309861	86.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.33%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	417150	41.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.28%
64) 1,2-Dichlorobenzene-d4	11.65	152	325513	43.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.46%

Target Compounds

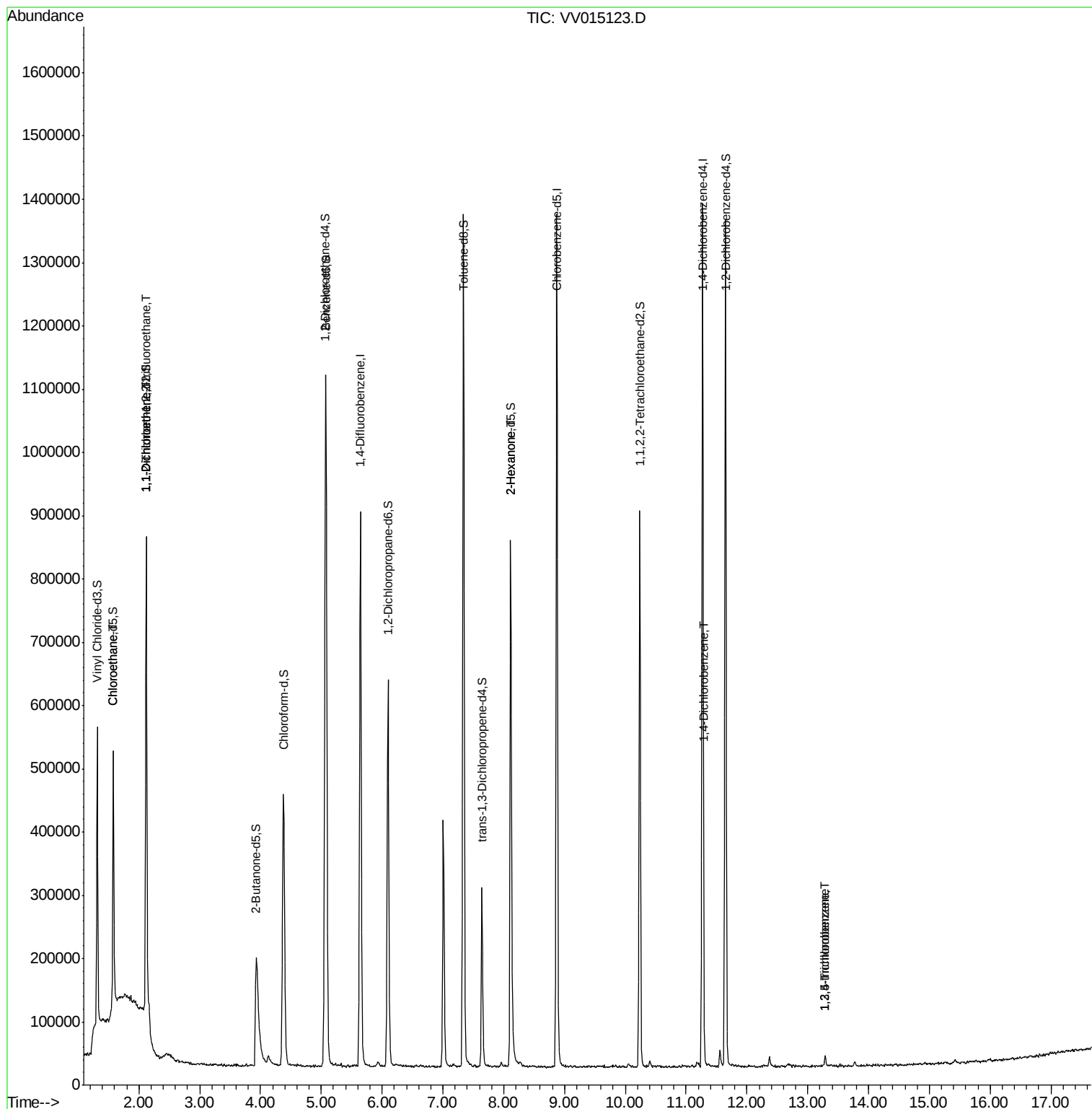
					Qvalue	
8) Chloroethane	1.58	64	54501	9.870	ug/L #	58
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	3743	0.824	ug/L #	22
12) 1,1-Dichloroethene	2.12	96	3511	0.719	ug/L #	1
48) 2-Hexanone	8.11	43	33034	4.400	ug/L #	77
63) 1,4-Dichlorobenzene	11.30	146	7005	0.625	ug/L	93
67) 1,3,5-Trichlorobenzene	13.29	180	4627	0.609	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	4627	0.642	ug/L	99

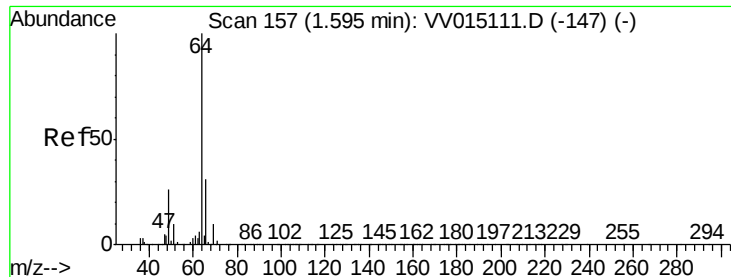
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 9.870 ug/L

RT: 1.58 min Scan# 151

Delta R.T. -0.02 min

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Instrument :

MSVOA_V

ClientSampleId :

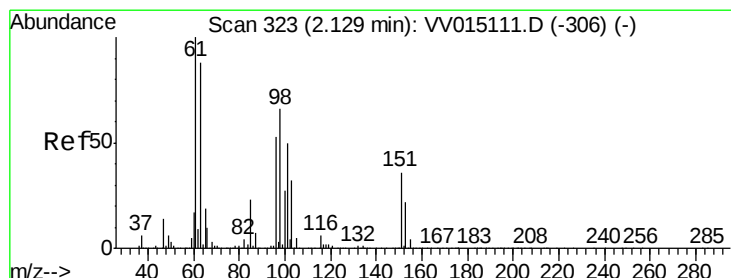
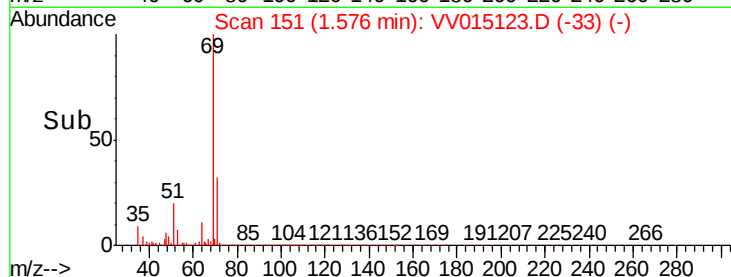
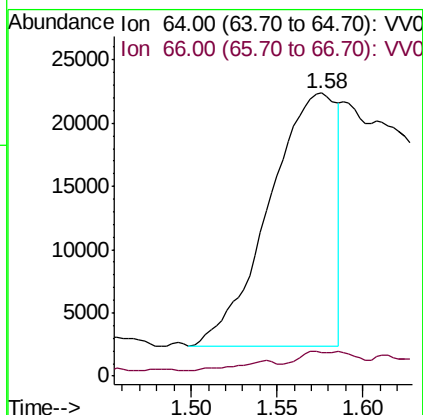
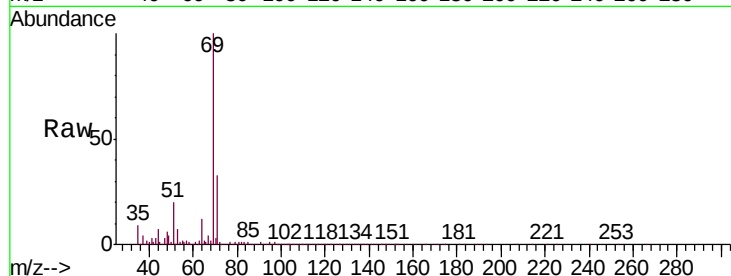
C0DD9

Tgt Ion: 64 Resp: 54501

Ion Ratio Lower Upper

64 100

66 8.3 22.0 41.0#



#10

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

Concen: 0.824 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV015123.D

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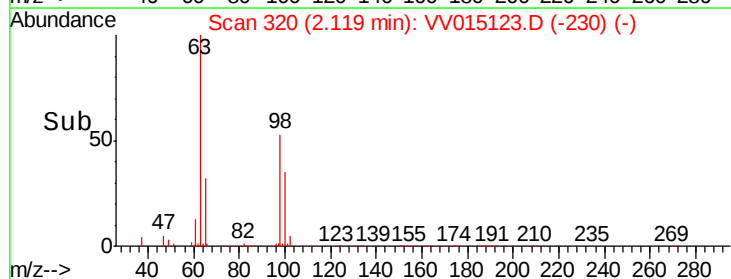
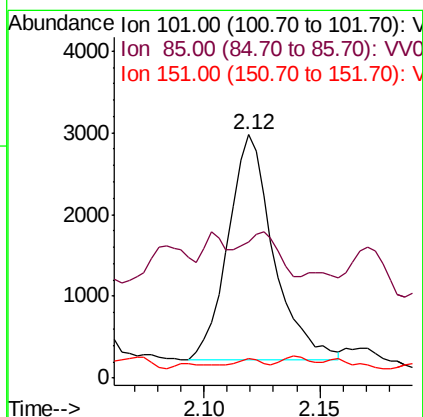
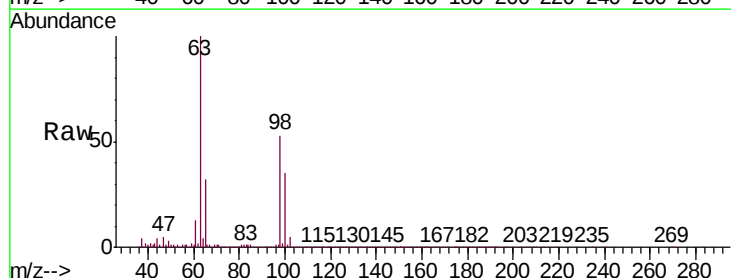
Tgt Ion: 101 Resp: 3743

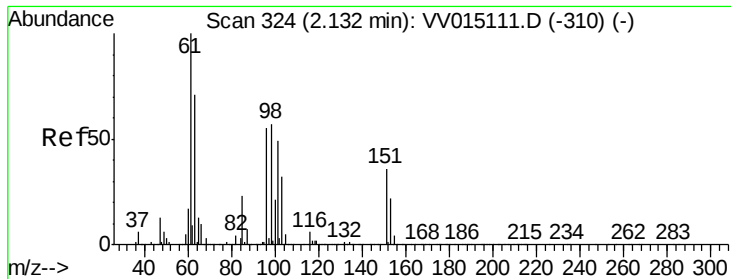
Ion Ratio Lower Upper

101 100

85 0.0 37.2 55.8#

151 1.9 56.3 84.5#





#12

1,1-Dichloroethene

Concen: 0.719 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV015123.D

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MSVOA_V
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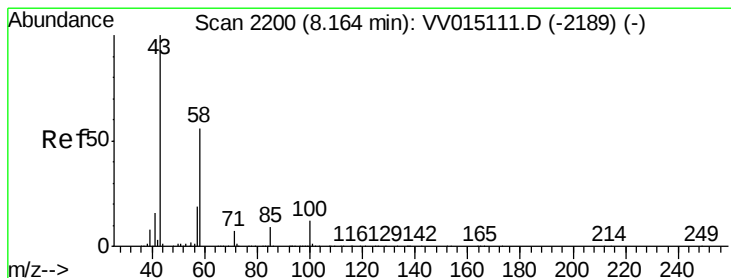
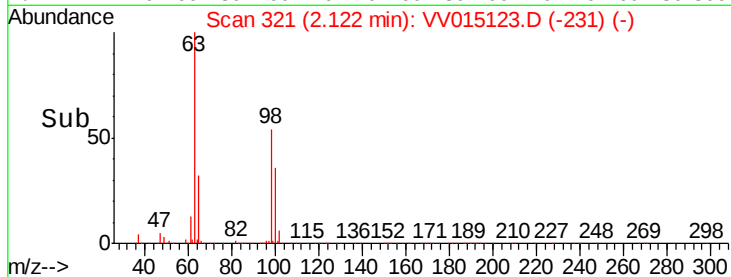
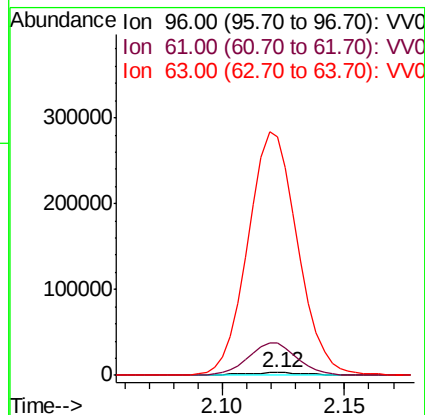
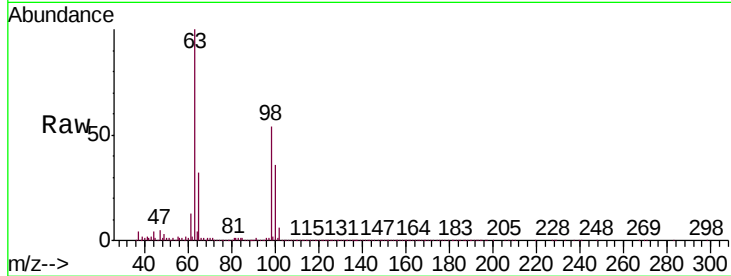
Tgt Ion: 96 Resp: 3511

Ion Ratio Lower Upper

96 100

61 1265.4 127.4 236.6#

63 9498.5 96.6 179.4#



#48

2-Hexanone

Concen: 4.400 ug/L

RT: 8.11 min Scan# 2184

Delta R.T. -0.05 min

Lab File: VV015123.D

Acq: 24 Mar 2020 15:00

Tgt Ion: 43 Resp: 33034

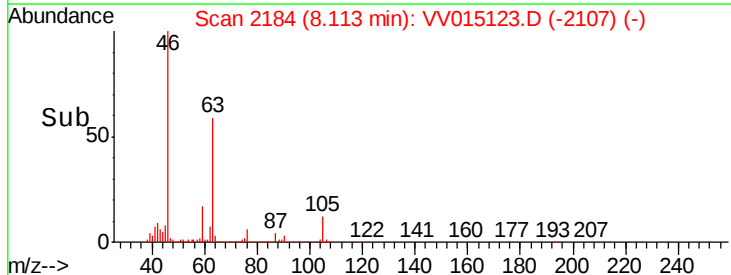
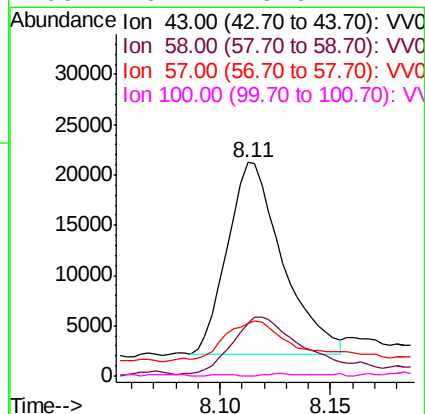
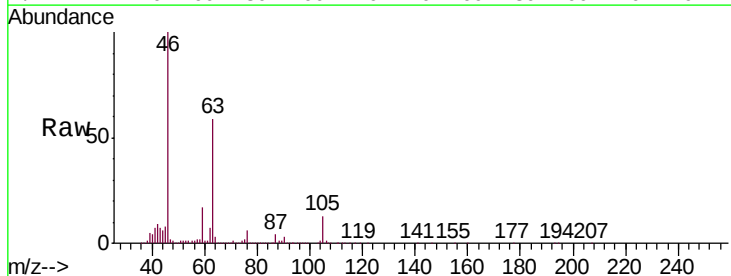
Ion Ratio Lower Upper

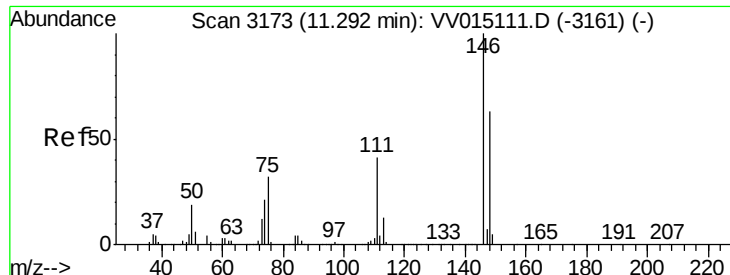
43 100

58 37.0 44.2 66.2#

57 21.9 14.0 21.0#

100 0.7 9.6 14.4#

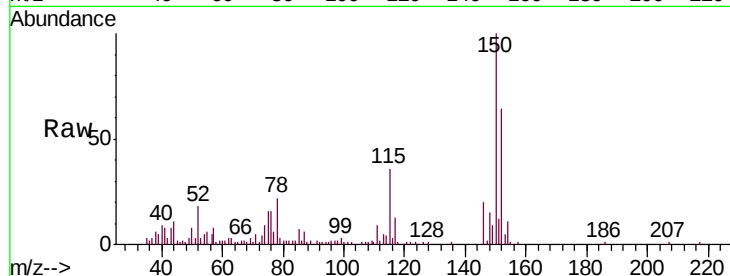




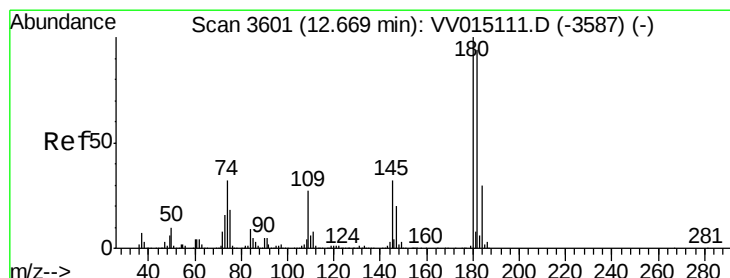
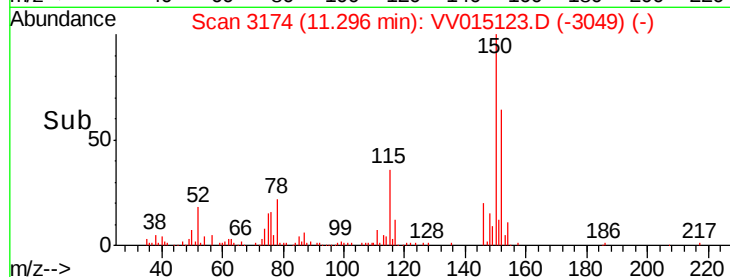
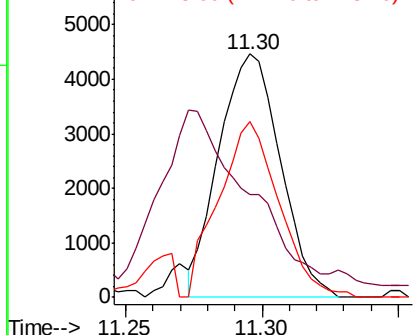
#63
 1,4-Dichlorobenzene
 Concen: 0.625 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.00 min
 Lab File: VV015123.D
 Acq: 24 Mar 2020 15:00

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 C0DD9

Tgt Ion:146 Resp: 7005
 Ion Ratio Lower Upper
 146 100
 111 42.4 28.2 52.4
 148 71.9 44.9 83.5

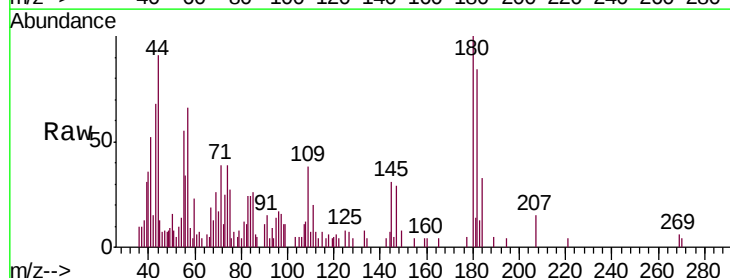


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

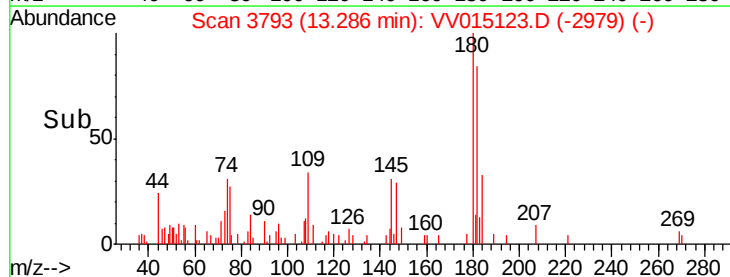
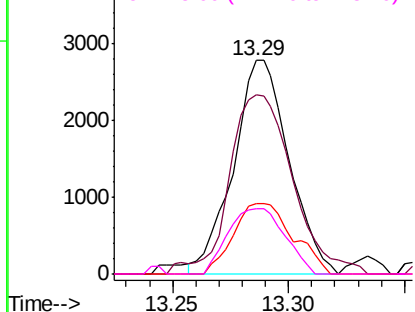


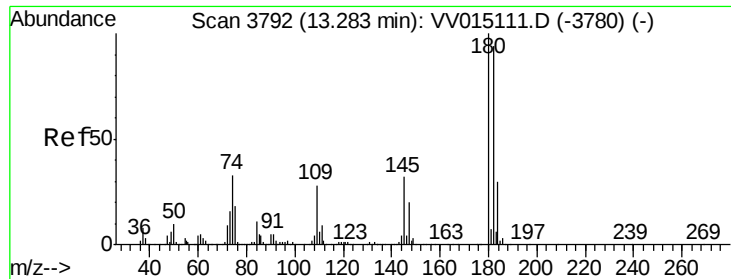
#67
 1,3,5-Trichlorobenzene
 Concen: 0.609 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.62 min
 Lab File: VV015123.D
 Acq: 24 Mar 2020 15:00

Tgt Ion:180 Resp: 4627
 Ion Ratio Lower Upper
 180 100
 182 94.1 75.9 113.9
 184 30.4 23.7 35.5
 145 31.4 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

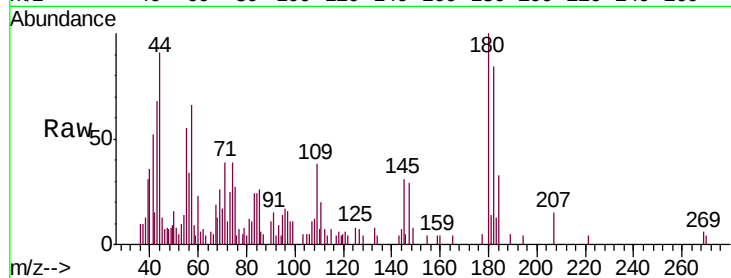




#68
 1,2,4-trichlorobenzene
 Concen: 0.642 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.00 min
 Lab File: VV015123.D
 Acq: 24 Mar 2020 15:00

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DD9

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	75.5	113.3
145	31.4	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

