

Data File : VV015002.D
Acq On : 18 Mar 2020 03:11
Operator : SY/MD
Sample : L1890-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0DJ5

Quant Time: Mar 18 07:47:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031620WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 18 07:43:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	304493	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	299527	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	144983	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	66285	32.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.36%
7) Chloroethane-d5	1.58	69	58533	38.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.70%
11) 1,1-Dichloroethene-d2	2.12	63	92752	29.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.60%#
21) 2-Butanone-d5	3.93	46	98776	79.86	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.86%
24) Chloroform-d	4.38	84	195740	46.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.62%
26) 1,2-Dichloroethane-d4	5.06	65	124993	46.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.36%
32) Benzene-d6	5.08	84	381344	46.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.42%
36) 1,2-Dichloropropane-d6	6.10	67	112544	45.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.60%
41) Toluene-d8	7.34	98	362233	44.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.78%
43) trans-1,3-Dichloropropene-	7.64	79	53160	40.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.38%
47) 2-Hexanone-d5	8.12	63	107911	97.29	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.29%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	172193	47.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.74%
64) 1,2-Dichlorobenzene-d4	11.65	152	158993	50.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.12%

Target Compounds

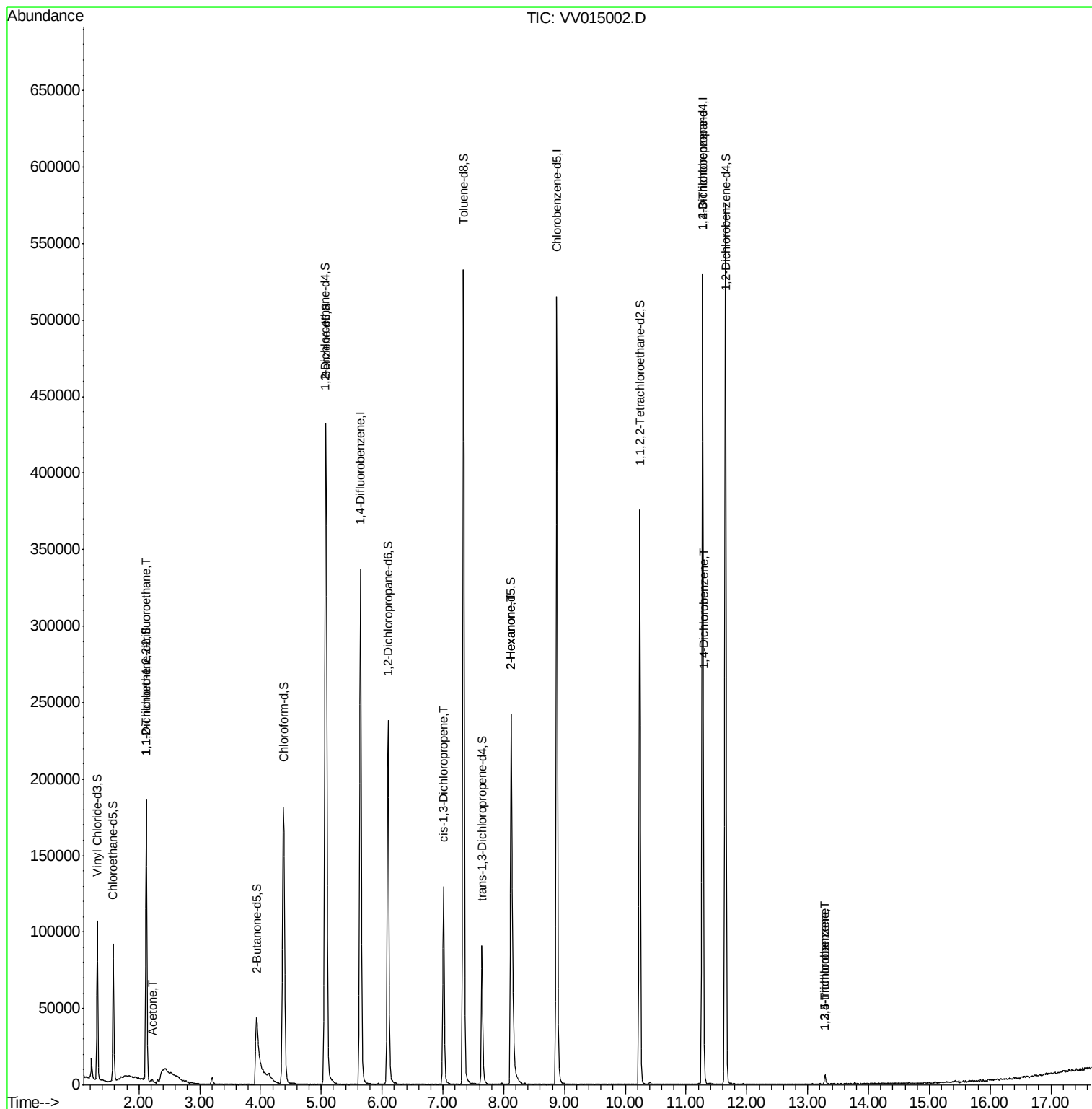
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1072	0.683	ug/L #	15
13) Acetone	2.21	43	1940	1.587	ug/L	91
39) cis-1,3-Dichloropropene	7.01	75	3119	0.929	ug/L #	72
48) 2-Hexanone	8.12	43	12401	5.683	ug/L #	79
59) 1,2,3-Trichloropropane	11.27	75	14234	5.083	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	3510	0.729	ug/L	94
67) 1,3,5-Trichlorobenzene	13.29	180	2298	0.613	ug/L #	82
68) 1,2,4-trichlorobenzene	13.29	180	2298	0.688	ug/L #	84

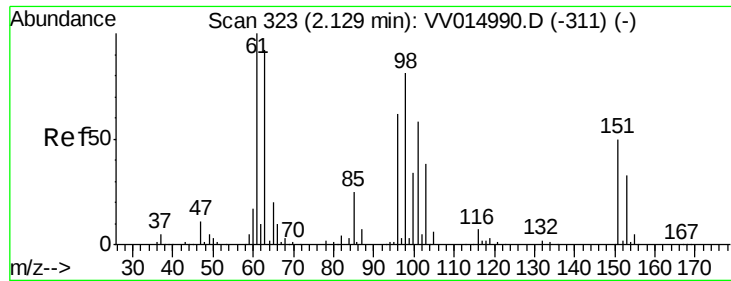
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.683 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV015002.D

Acq: 18 Mar 2020 03:11

Instrument :

MSVOA_V

ClientSampled :

C0DJ5

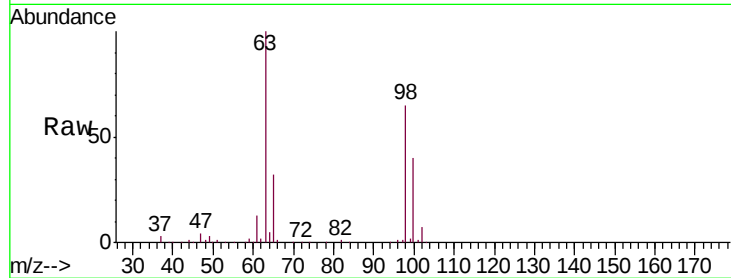
Tgt Ion: 101 Resp: 1072

Ion Ratio Lower Upper

101 100

85 0.0 33.9 50.9#

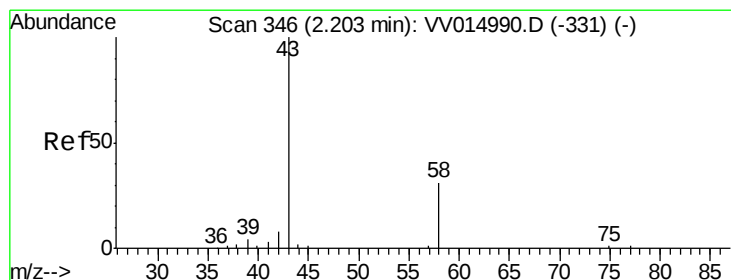
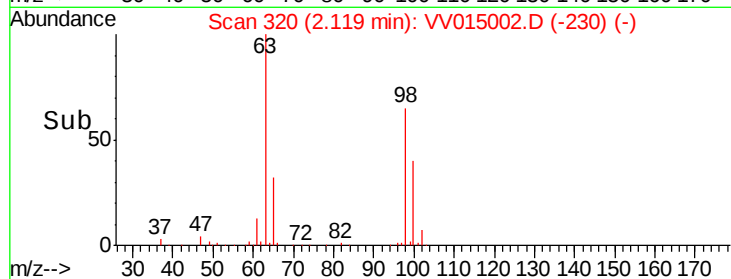
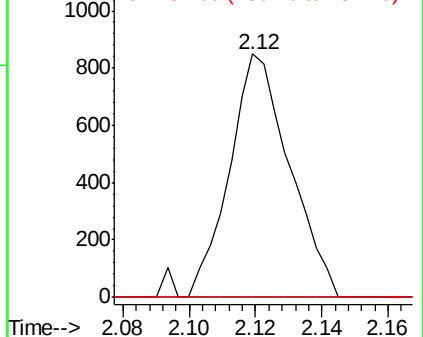
151 0.0 70.1 105.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 1.587 ug/L

RT: 2.21 min Scan# 349

Delta R.T. 0.01 min

Lab File: VV015002.D

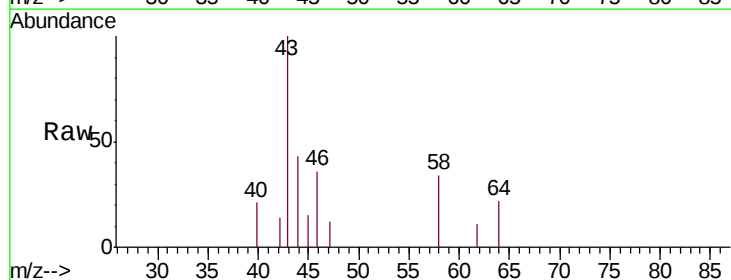
Acq: 18 Mar 2020 03:11

Tgt Ion: 43 Resp: 1940

Ion Ratio Lower Upper

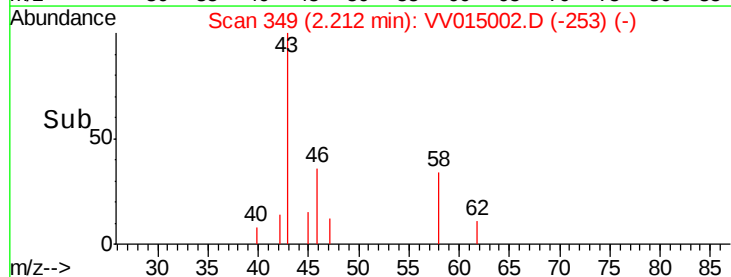
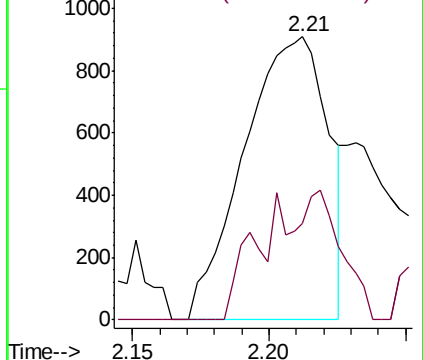
43 100

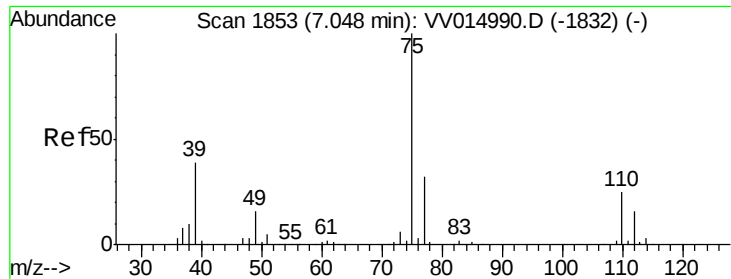
58 21.2 0.0 51.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

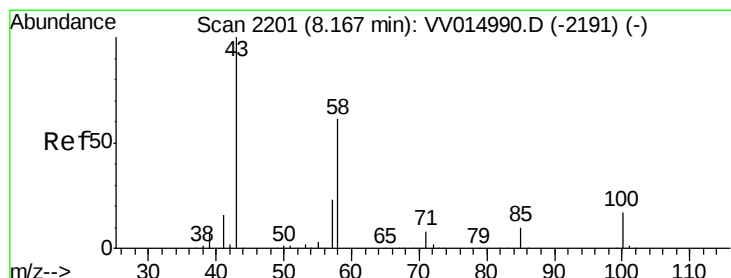
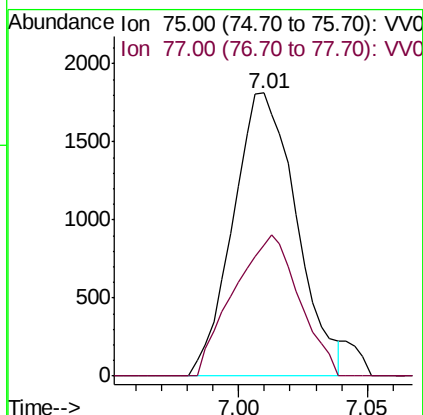
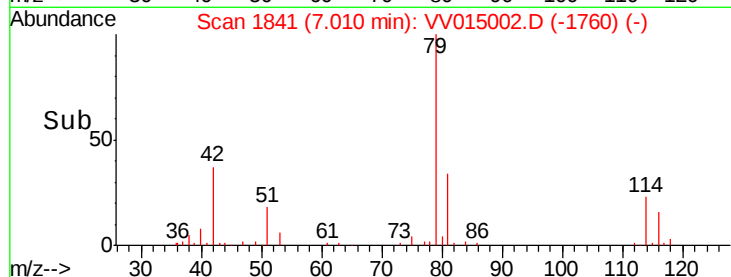
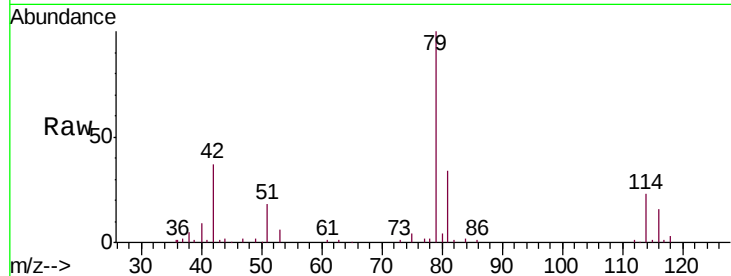




#39
 cis-1,3-Dichloropropene
 Concen: 0.929 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV015002.D
 Acq: 18 Mar 2020 03:11

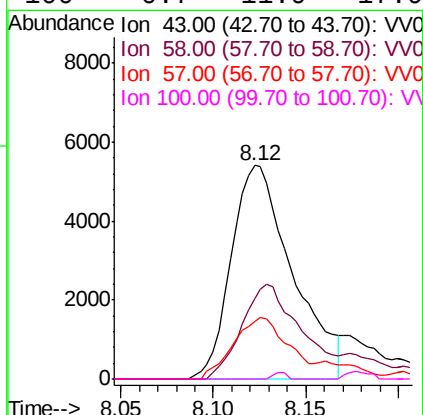
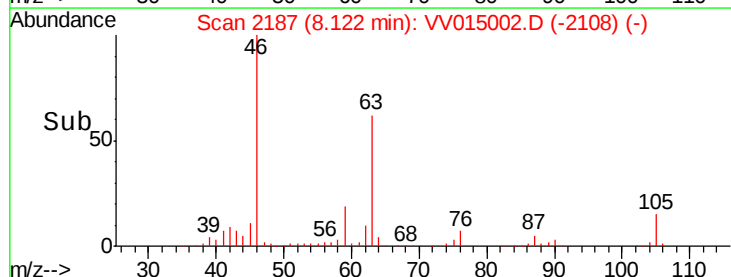
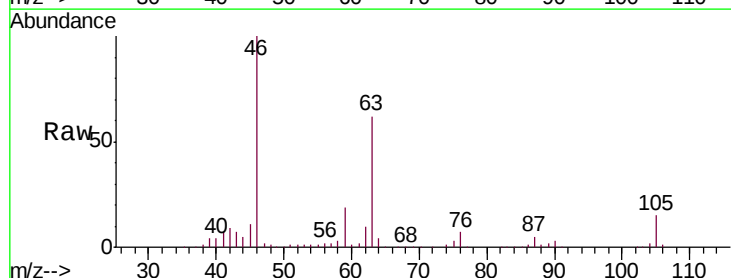
Instrument :
 MSVOA_V
 ClientSampleId :
 C0DJ5

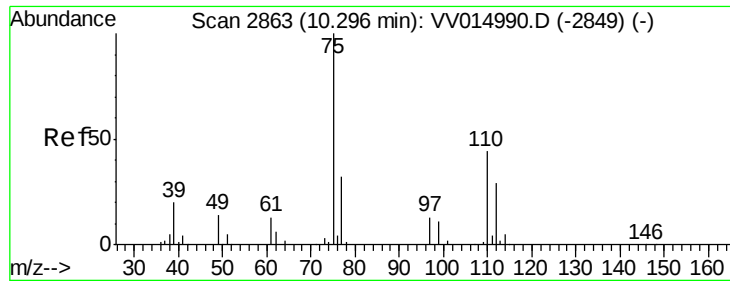
Tgt Ion: 75 Resp: 3119
 Ion Ratio Lower Upper
 75 100
 77 46.5 21.8 40.6#



#48
 2-Hexanone
 Concen: 5.683 ug/L
 RT: 8.12 min Scan# 2187
 Delta R.T. -0.05 min
 Lab File: VV015002.D
 Acq: 18 Mar 2020 03:11

Tgt Ion: 43 Resp: 12401
 Ion Ratio Lower Upper
 43 100
 58 42.9 46.9 70.3#
 57 25.9 16.2 24.4#
 100 0.7 11.9 17.9#





#59

1,2,3-Trichloropropane

Concen: 5.083 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV015002.D

Acq: 18 Mar 2020 03:11

Instrument :

MSVOA_V

ClientSampleId :

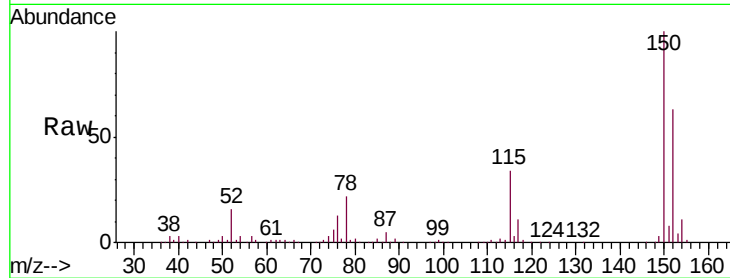
C0DJ5

Tgt Ion: 75 Resp: 14234

Ion Ratio Lower Upper

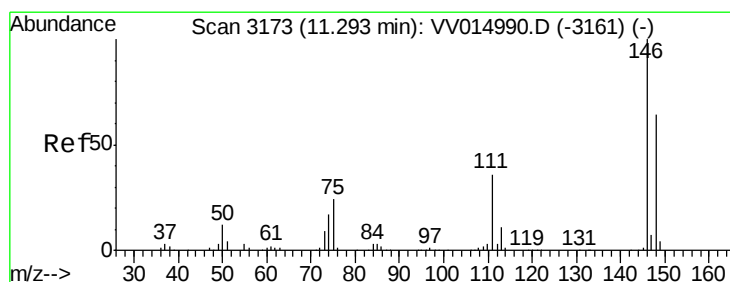
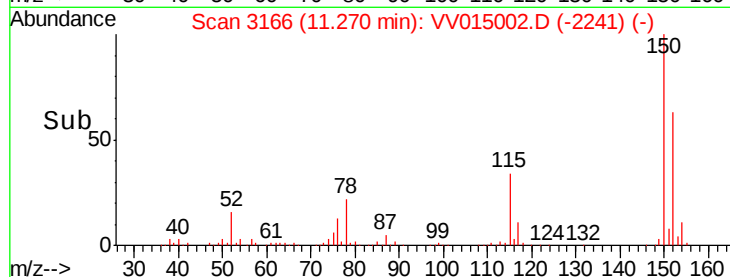
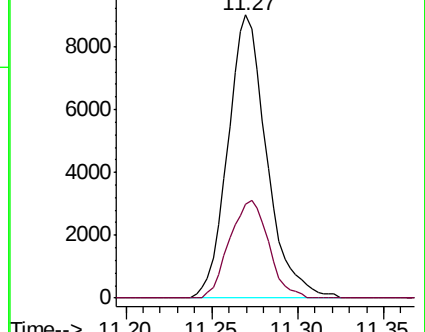
75 100

77 34.6 26.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VV015002.D (-2241) (-)

Ion 77.00 (76.70 to 77.70): VV015002.D (-2241) (-)



#63

1,4-Dichlorobenzene

Concen: 0.729 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. -0.00 min

Lab File: VV015002.D

Acq: 18 Mar 2020 03:11

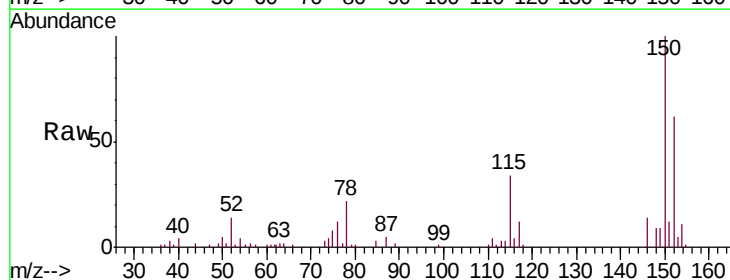
Tgt Ion: 146 Resp: 3510

Ion Ratio Lower Upper

146 100

111 32.5 26.0 48.2

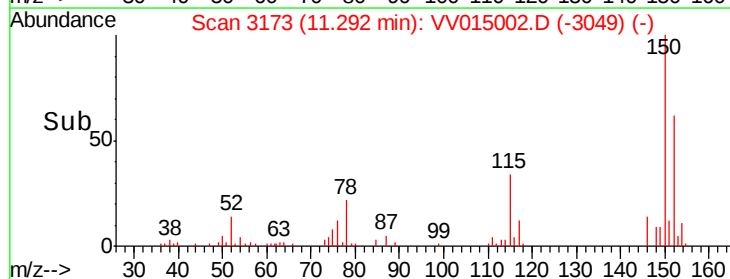
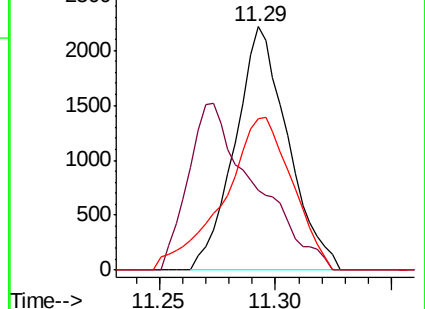
148 62.1 46.1 85.5

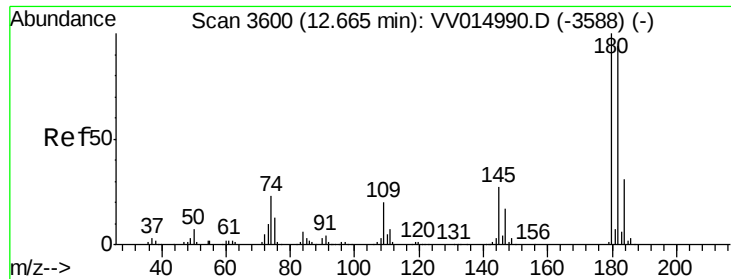


Abundance Ion 146.00 (145.70 to 146.70): VV015002.D (-3049) (-)

Ion 111.00 (110.70 to 111.70): VV015002.D (-3049) (-)

Ion 148.00 (147.70 to 148.70): VV015002.D (-3049) (-)

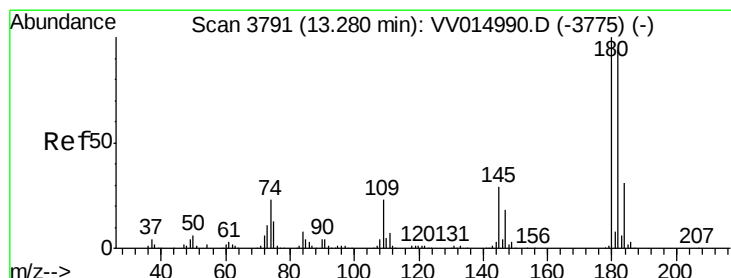
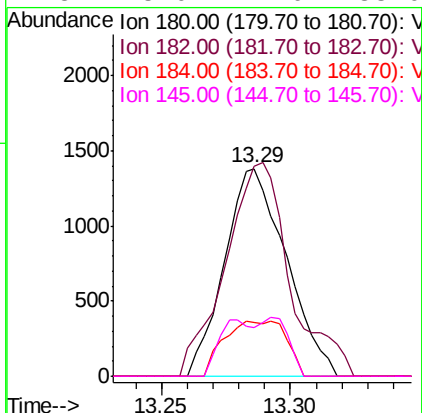
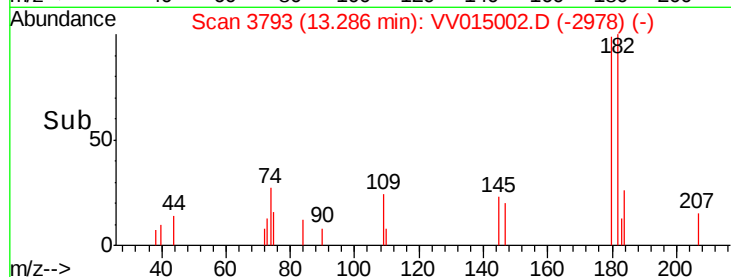
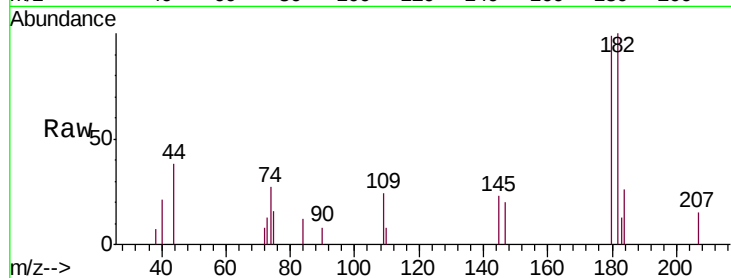




#67
 1,3,5-Trichlorobenzene
 Concen: 0.613 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.62 min
 Lab File: VV015002.D
 Acq: 18 Mar 2020 03:11

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DJ5

Tgt Ion:180 Resp: 2298
 Ion Ratio Lower Upper
 180 100
 182 107.5 75.7 113.5
 184 17.4 24.2 36.4#
 145 13.0 22.0 33.0#



#68
 1,2,4-trichlorobenzene
 Concen: 0.688 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.01 min
 Lab File: VV015002.D
 Acq: 18 Mar 2020 03:11

Tgt Ion:180 Resp: 2298
 Ion Ratio Lower Upper
 180 100
 182 107.5 76.3 114.5
 145 13.0 23.1 34.7#

