

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV030920\
 Data File : VV014783.D
 Acq On : 09 Mar 2020 17:49
 Operator : SY/MD
 Sample : L1835-09
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DJ6

Quant Time: Mar 10 14:49:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 10 14:44:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	432401	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	415688	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	203867	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	119203	40.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.48%
7) Chloroethane-d5	1.58	69	98349	42.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.02%
11) 1,1-Dichloroethene-d2	2.12	63	151583	31.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.34%
21) 2-Butanone-d5	3.94	46	200107	91.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.69%
24) Chloroform-d	4.38	84	254728	45.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.94%
26) 1,2-Dichloroethane-d4	5.06	65	171256	45.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.00%
32) Benzene-d6	5.08	84	519311	47.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.62%
36) 1,2-Dichloropropane-d6	6.10	67	165411	45.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.94%
41) Toluene-d8	7.34	98	493846	45.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.88%
43) trans-1,3-Dichloropropene-	7.64	79	77292	43.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.04%
47) 2-Hexanone-d5	8.12	63	159942	99.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.02%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	223409	44.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.30%
64) 1,2-Dichlorobenzene-d4	11.65	152	199598	49.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

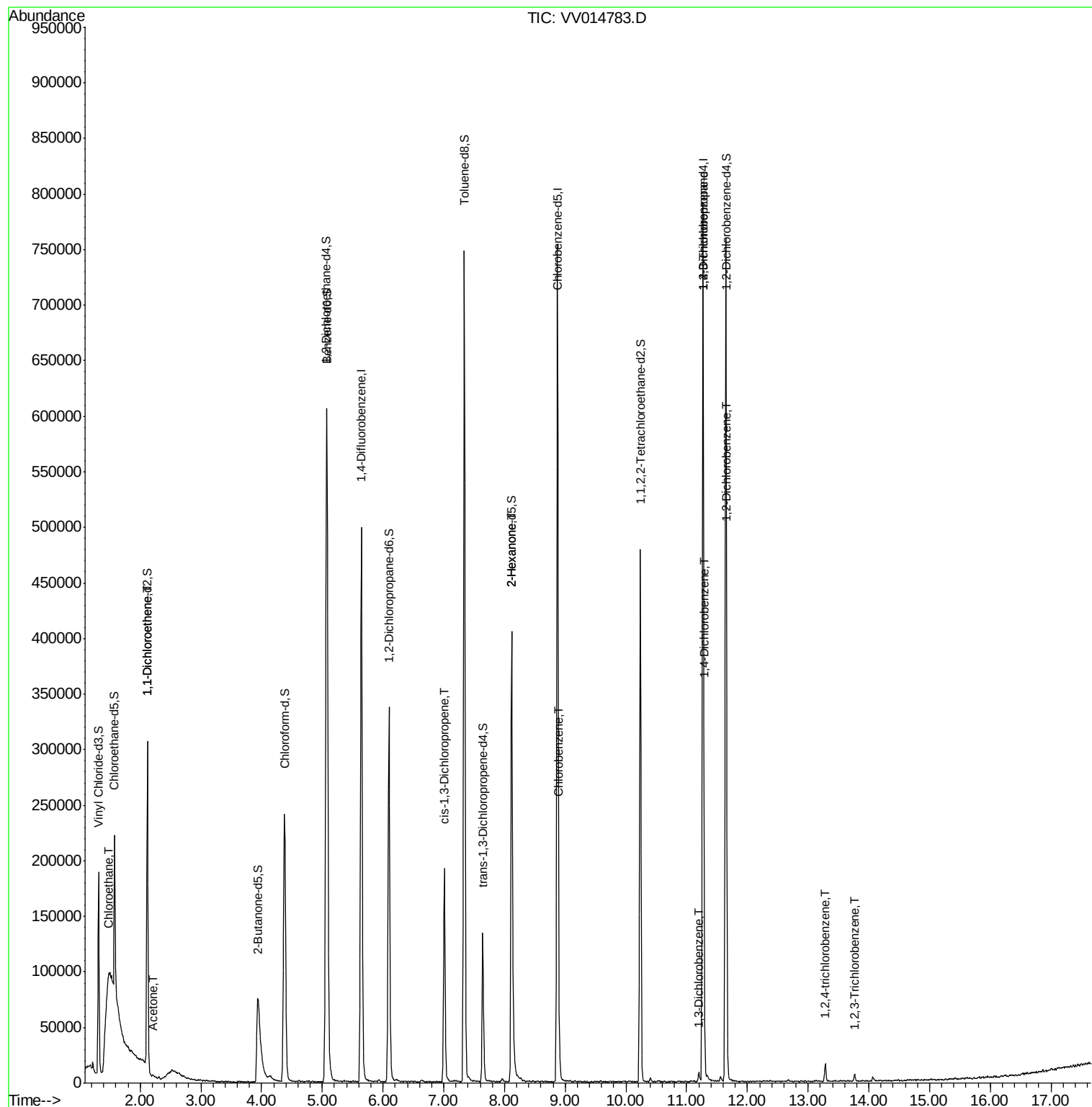
						Qvalue
8) Chloroethane	1.49	64	227743	121.47	ug/L #	52
12) 1,1-Dichloroethene	2.12	96	1658	0.71	ug/L #	1
13) Acetone	2.21	43	2235	1.23	ug/L	54
39) cis-1,3-Dichloropropene	7.01	75	4797	0.94	ug/L #	68
48) 2-Hexanone	8.12	43	18705	5.04	ug/L #	75
51) Chlorobenzene	8.90	112	11227	1.31	ug/L	95
59) 1,2,3-Trichloropropane	11.27	75	26980	6.49	ug/L	95
62) 1,3-Dichlorobenzene	11.20	146	3706	0.56	ug/L	93
63) 1,4-Dichlorobenzene	11.29	146	16024	2.41	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	12396	1.89	ug/L	93
68) 1,2,4-trichlorobenzene	13.28	180	4856	1.04	ug/L #	93
70) 1,2,3-Trichlorobenzene	13.77	180	1937	0.41	ug/L #	87

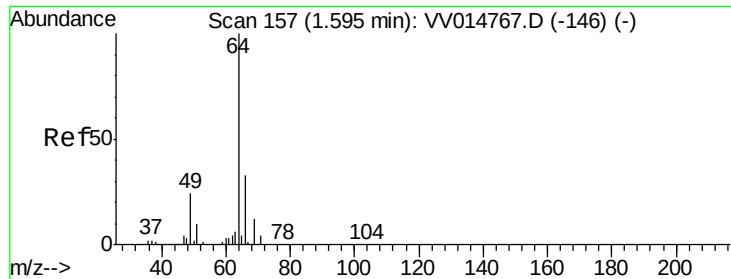
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV030920\
Data File : VV014783.D
Acq On : 09 Mar 2020 17:49
Operator : SY/MD
Sample : L1835-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0DJ6

Quant Time: Mar 10 14:49:49 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 10 14:44:37 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 121.47 ug/L

RT: 1.49 min Scan# 123

Delta R.T. -0.11 min

Lab File: VV014783.D

Acq: 09 Mar 2020 17:49

Instrument :

MSVOA_V

ClientSampleId :

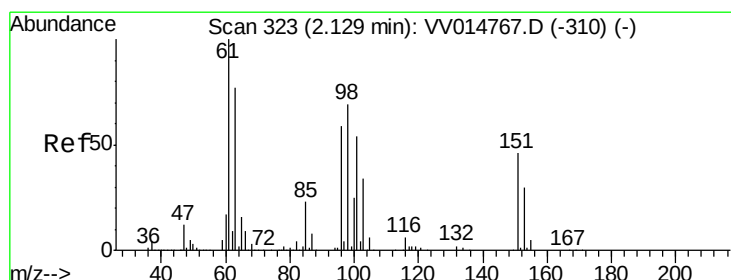
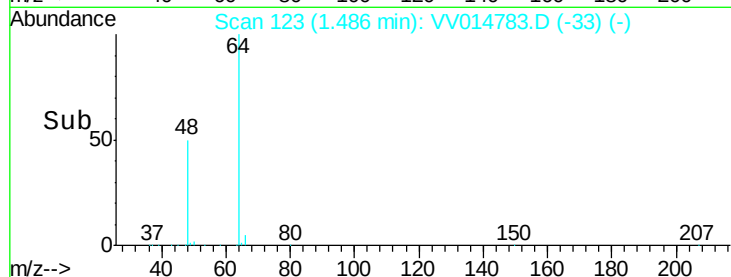
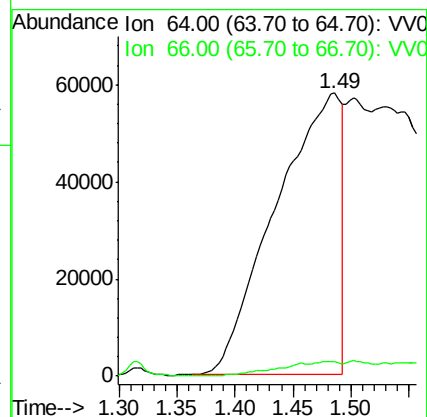
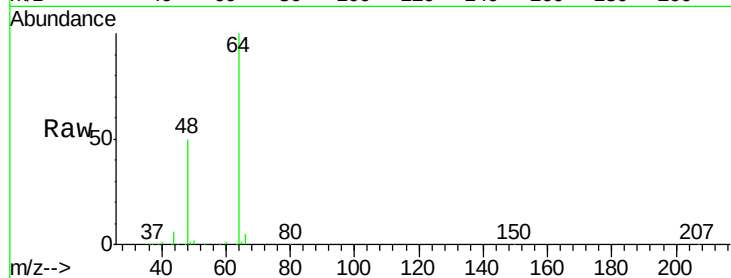
C0DJ6

Tgt Ion: 64 Resp: 227743

Ion Ratio Lower Upper

64 100

66 5.2 22.6 42.0#



#12

1,1-Dichloroethene

Concen: 0.71 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV014783.D

Acq: 09 Mar 2020 17:49

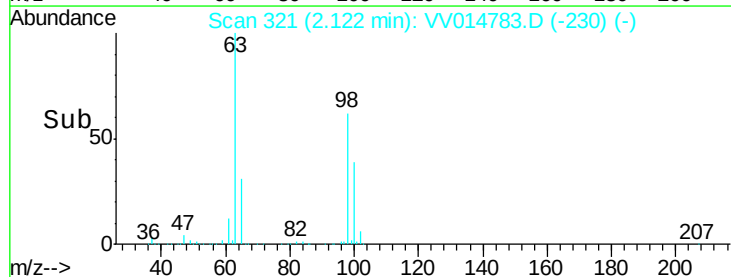
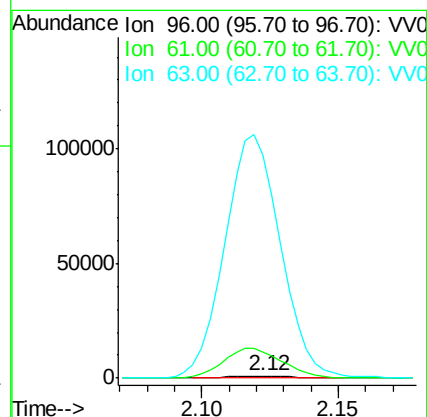
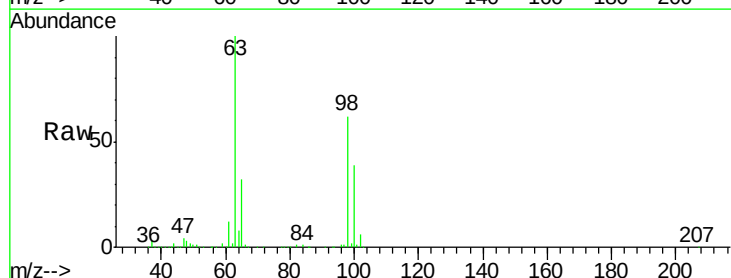
Tgt Ion: 96 Resp: 1658

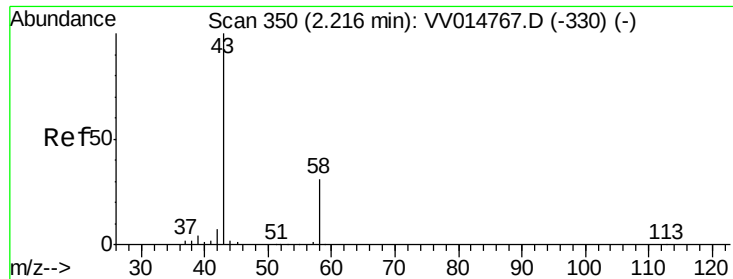
Ion Ratio Lower Upper

96 100

61 1164.8 118.4 220.0#

63 9978.3 88.4 164.2#





#13

Acetone

Concen: 1.23 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.00 min

Lab File: VV014783.D

Acq: 09 Mar 2020 17:49

Instrument :

MSVOA_V

ClientSampleId :

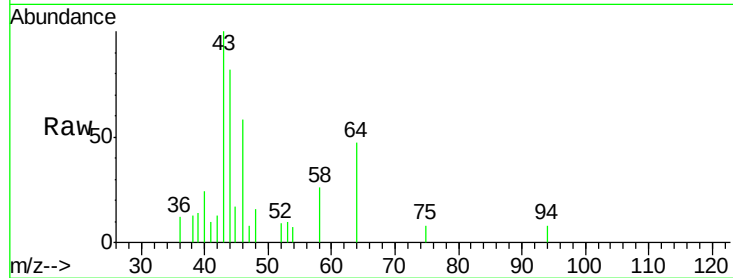
C0DJ6

Tgt Ion: 43 Resp: 2235

Ion Ratio Lower Upper

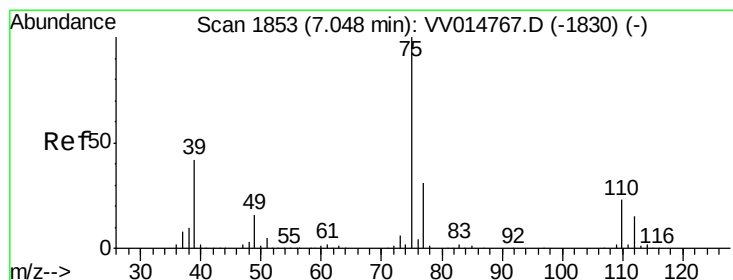
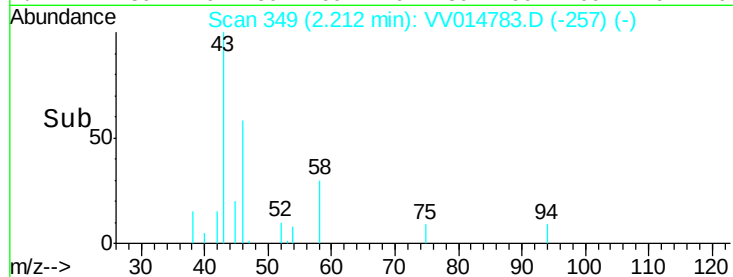
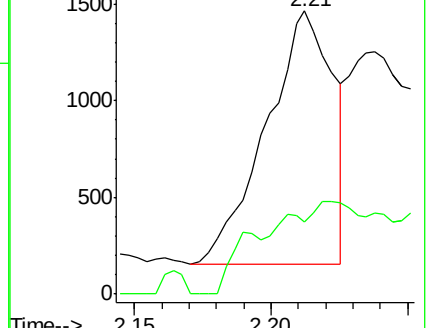
43 100

58 5.8 0.0 62.2



Abundance Ion 43.00 (42.70 to 43.70): VV014767.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV014767.D (-330) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.94 ug/L

RT: 7.01 min Scan# 1841

Delta R.T. -0.04 min

Lab File: VV014783.D

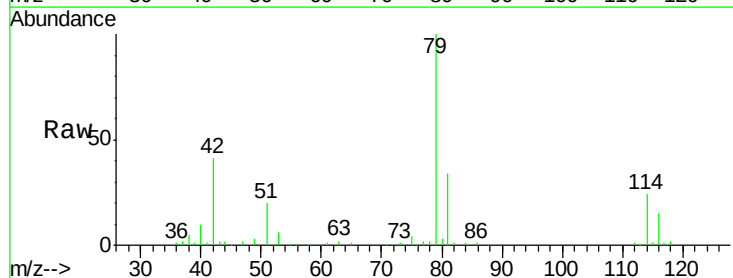
Acq: 09 Mar 2020 17:49

Tgt Ion: 75 Resp: 4797

Ion Ratio Lower Upper

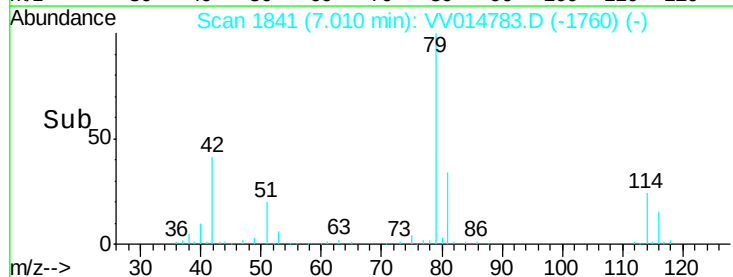
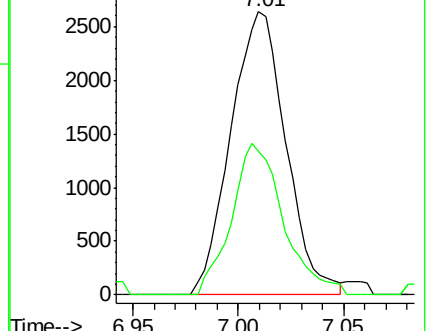
75 100

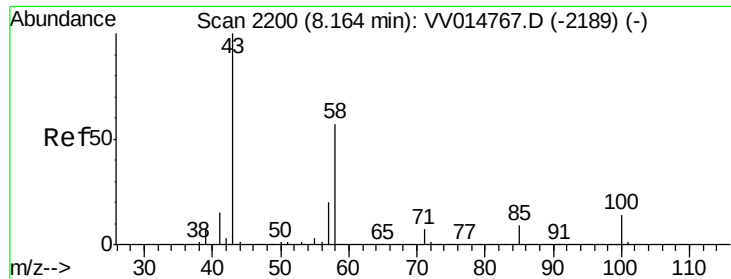
77 50.8 22.8 42.4#



Abundance Ion 75.00 (74.70 to 75.70): VV014767.D (-1830) (-)

Ion 77.00 (76.70 to 77.70): VV014767.D (-1830) (-)

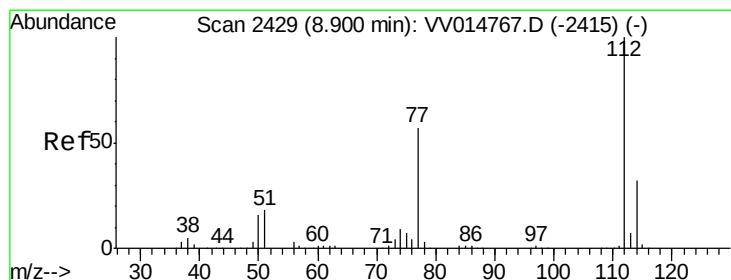
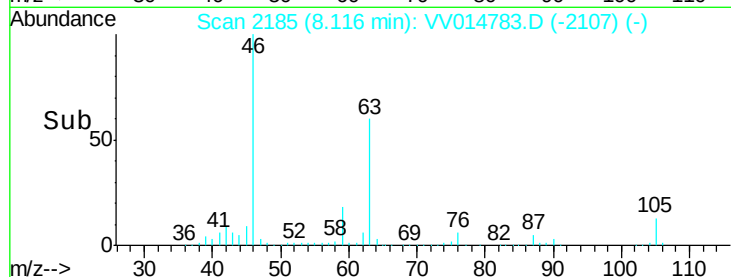
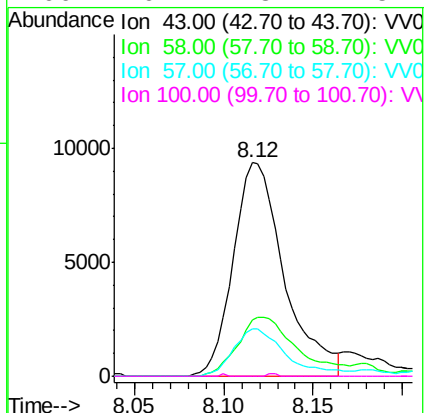
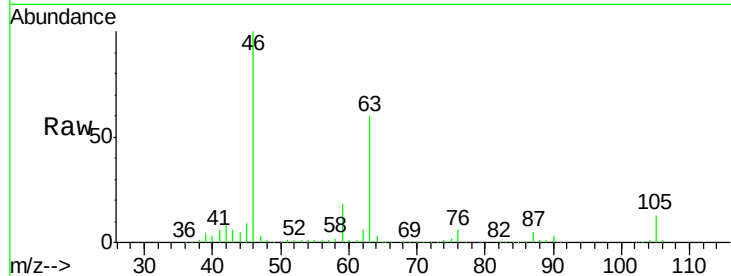




#48
2-Hexanone
Concen: 5.04 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV014783.D
Acq: 09 Mar 2020 17:49

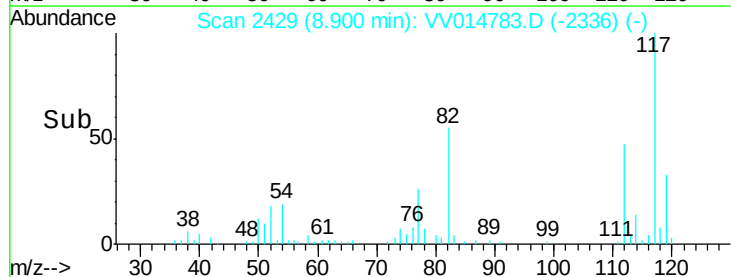
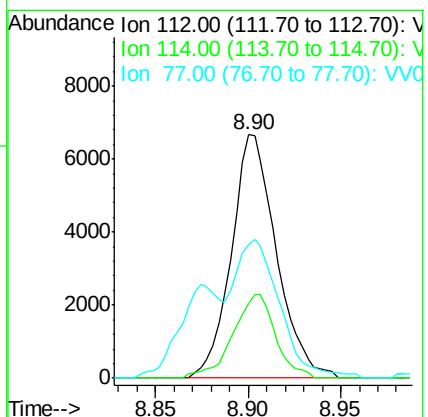
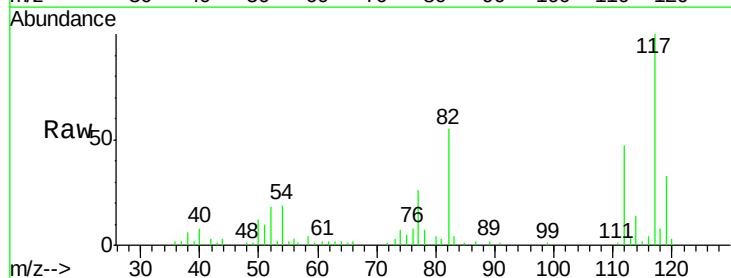
Instrument :
MSVOA_V
ClientSampleId :
C0DJ6

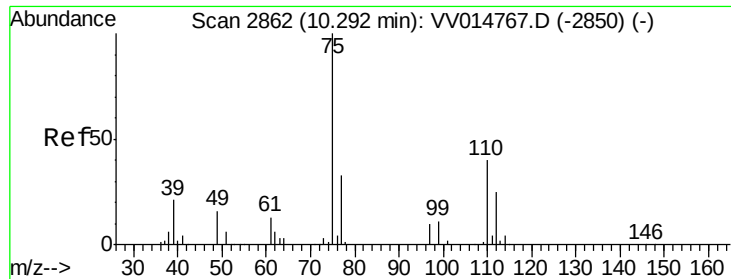
Tgt Ion: 43 Resp: 18705
Ion Ratio Lower Upper
43 100
58 32.4 43.3 64.9#
57 23.1 15.6 23.4
100 0.2 8.7 13.1#



#51
Chlorobenzene
Concen: 1.31 ug/L
RT: 8.90 min Scan# 2429
Delta R.T. 0.00 min
Lab File: VV014783.D
Acq: 09 Mar 2020 17:49

Tgt Ion: 112 Resp: 11227
Ion Ratio Lower Upper
112 100
114 30.4 22.1 41.1
77 54.9 47.8 71.8





#59

1,2,3-Trichloropropane

Concen: 6.49 ug/L

RT: 11.27 min Scan# 3165

Delta R.T. 0.97 min

Lab File: VV014783.D

Acq: 09 Mar 2020 17:49

Instrument :

MSVOA_V

ClientSampleId :

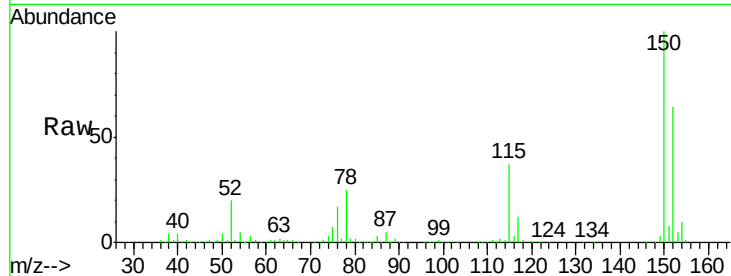
C0DJ6

Tgt Ion: 75 Resp: 26980

Ion Ratio Lower Upper

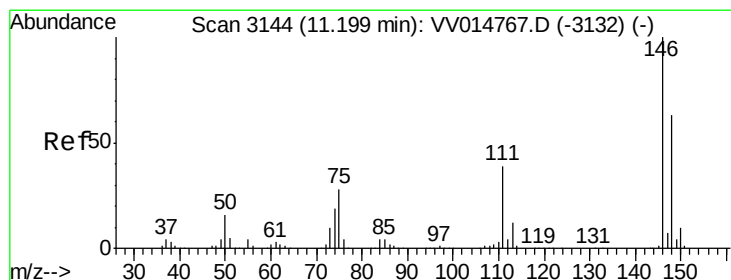
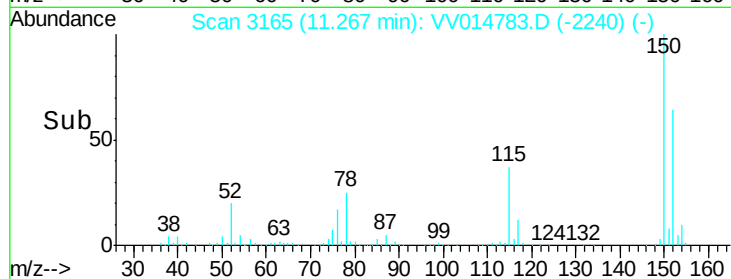
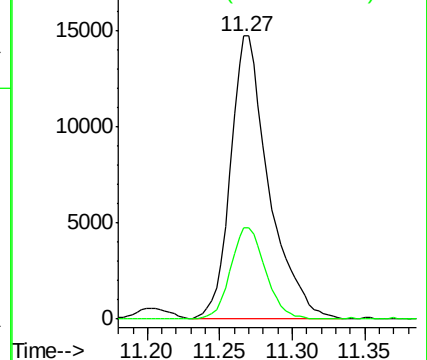
75 100

77 29.4 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#62

1,3-Dichlorobenzene

Concen: 0.56 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. 0.00 min

Lab File: VV014783.D

Acq: 09 Mar 2020 17:49

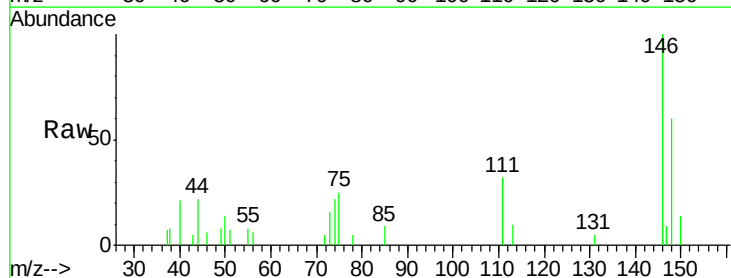
Tgt Ion: 146 Resp: 3706

Ion Ratio Lower Upper

146 100

111 31.7 27.2 50.4

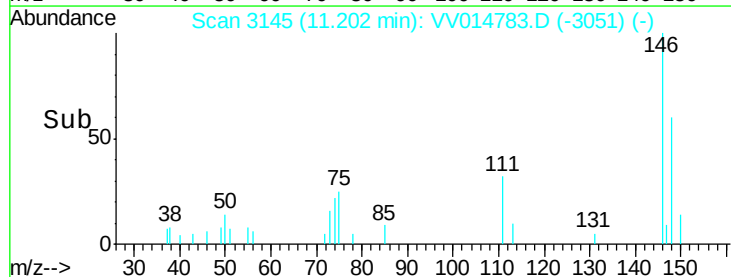
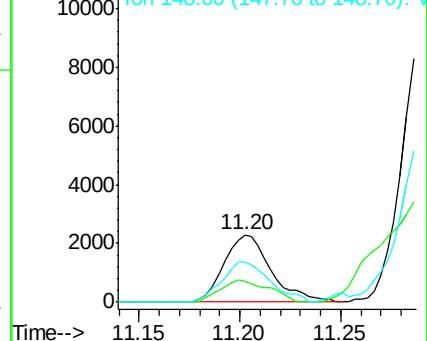
148 60.5 44.2 82.2

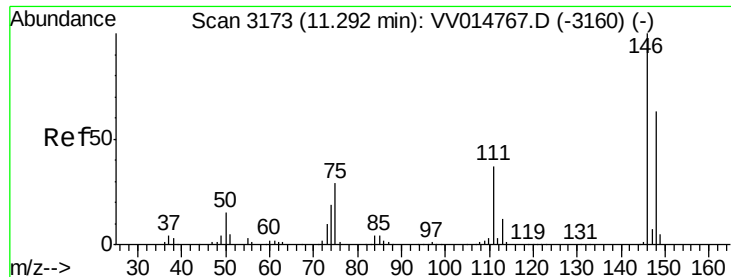


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

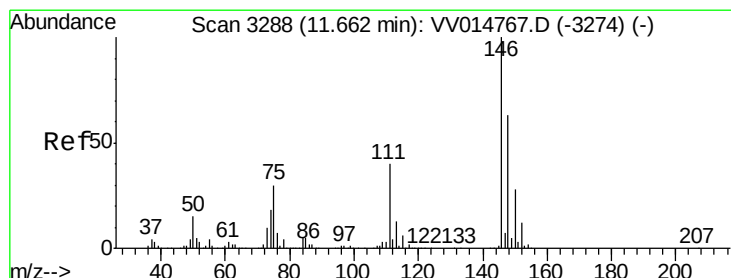
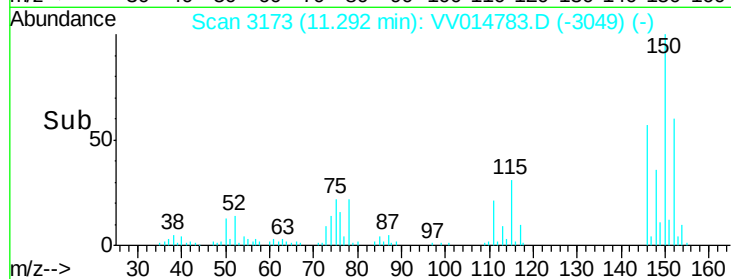
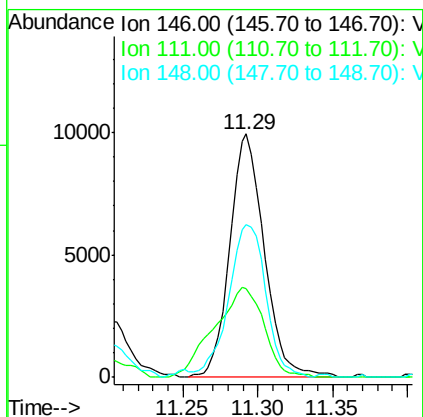
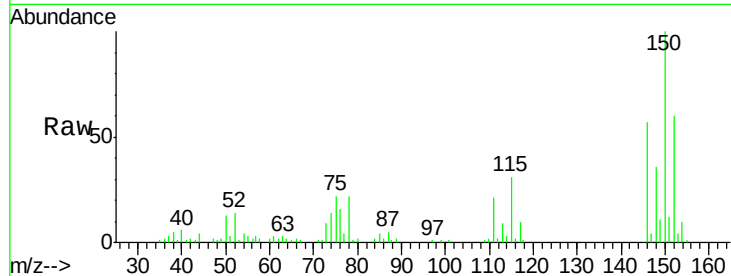




#63
 1,4-Dichlorobenzene
 Concen: 2.41 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.00 min
 Lab File: VV014783.D
 Acq: 09 Mar 2020 17:49

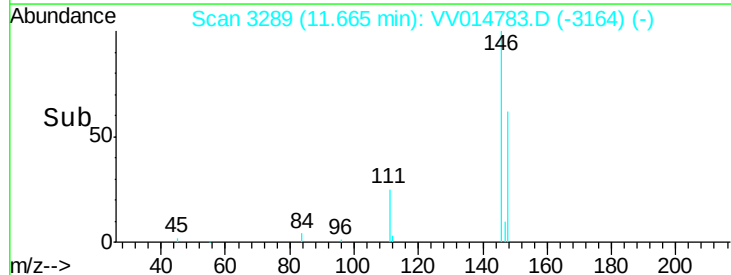
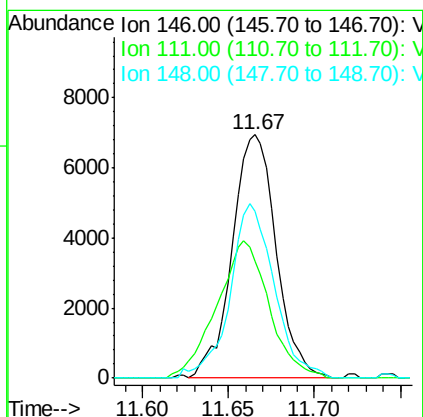
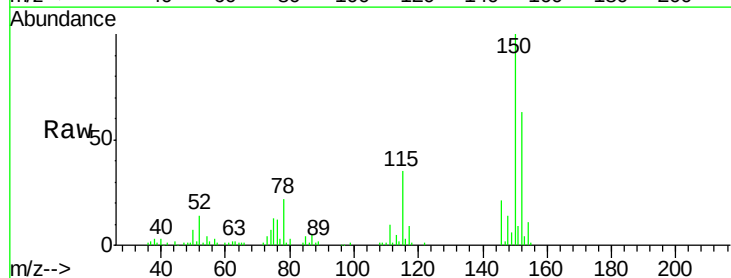
Instrument :
 MSVOA_V
 ClientSampleId :
 C0DJ6

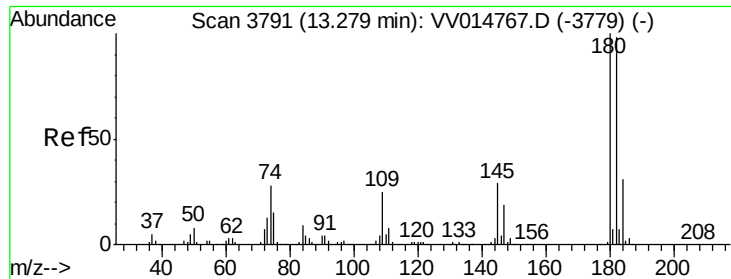
Tgt Ion:146 Resp: 16024
 Ion Ratio Lower Upper
 146 100
 111 36.4 26.3 48.9
 148 62.9 44.0 81.8



#65
 1,2-Dichlorobenzene
 Concen: 1.89 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. 0.00 min
 Lab File: VV014783.D
 Acq: 09 Mar 2020 17:49

Tgt Ion:146 Resp: 12396
 Ion Ratio Lower Upper
 146 100
 111 47.9 33.9 50.9
 148 68.6 51.4 77.0

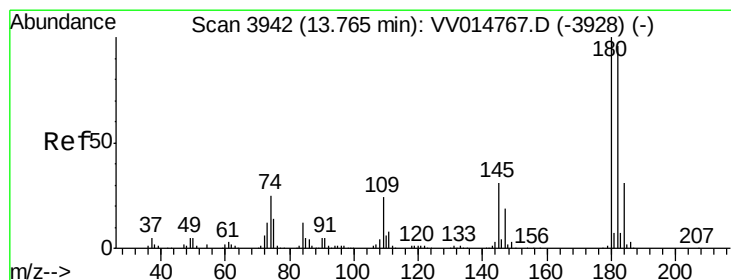
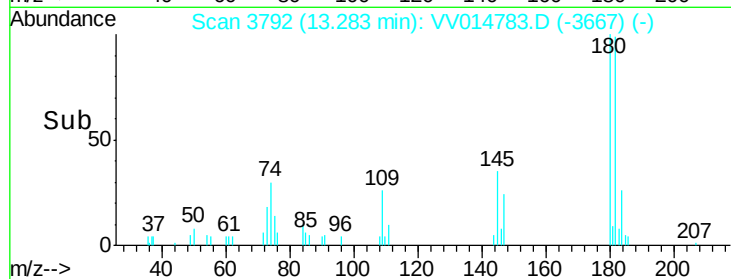
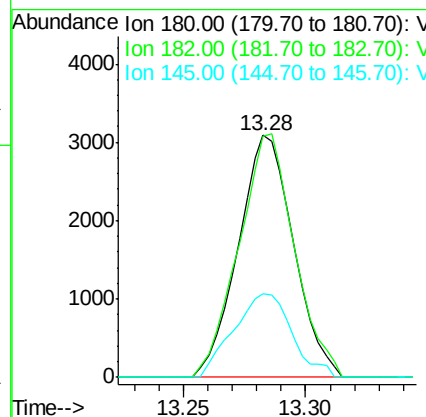
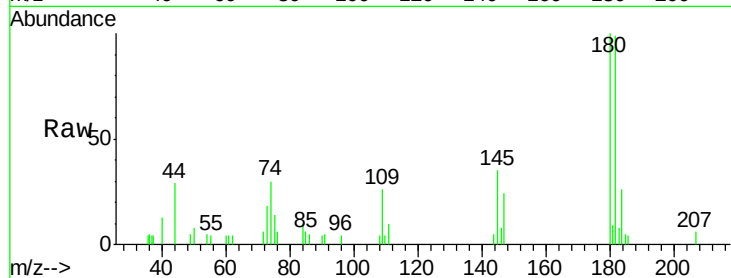




#68
 1,2,4-trichlorobenzene
 Concen: 1.04 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. 0.00 min
 Lab File: VV014783.D
 Acq: 09 Mar 2020 17:49

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DJ6

Tgt Ion:180 Resp: 4856
 Ion Ratio Lower Upper
 180 100
 182 100.9 76.6 114.8
 145 35.8 23.4 35.0#



#70
 1,2,3-Trichlorobenzene
 Concen: 0.41 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. 0.00 min
 Lab File: VV014783.D
 Acq: 09 Mar 2020 17:49

Tgt Ion:180 Resp: 1937
 Ion Ratio Lower Upper
 180 100
 182 107.0 76.5 114.7
 145 40.6 25.0 37.4#

