

Data File : VV014121.D
Acq On : 18 Dec 2019 14:57
Operator : SY/MD
Sample : K6356-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0D38

Quant Time: Dec 19 07:09:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 19 07:06:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	736539	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	716430	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	322985	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	212245	49.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.64%
7) Chloroethane-d5	1.58	69	198656	44.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.36%
11) 1,1-Dichloroethene-d2	2.13	63	293816	31.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.38%
21) 2-Butanone-d5	3.92	46	309528	103.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.23%
24) Chloroform-d	4.40	84	427810	47.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.64%
26) 1,2-Dichloroethane-d4	5.08	65	266848	47.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.14%
32) Benzene-d6	5.10	84	825555	44.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.94%
36) 1,2-Dichloropropane-d6	6.11	67	264471	47.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.92%
41) Toluene-d8	7.36	98	714208	42.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	7.66	79	112047	41.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.64%
47) 2-Hexanone-d5	8.13	63	200294	96.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.26%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	343216	42.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.08%
64) 1,2-Dichlorobenzene-d4	11.67	152	295575	46.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.18%

Target Compounds

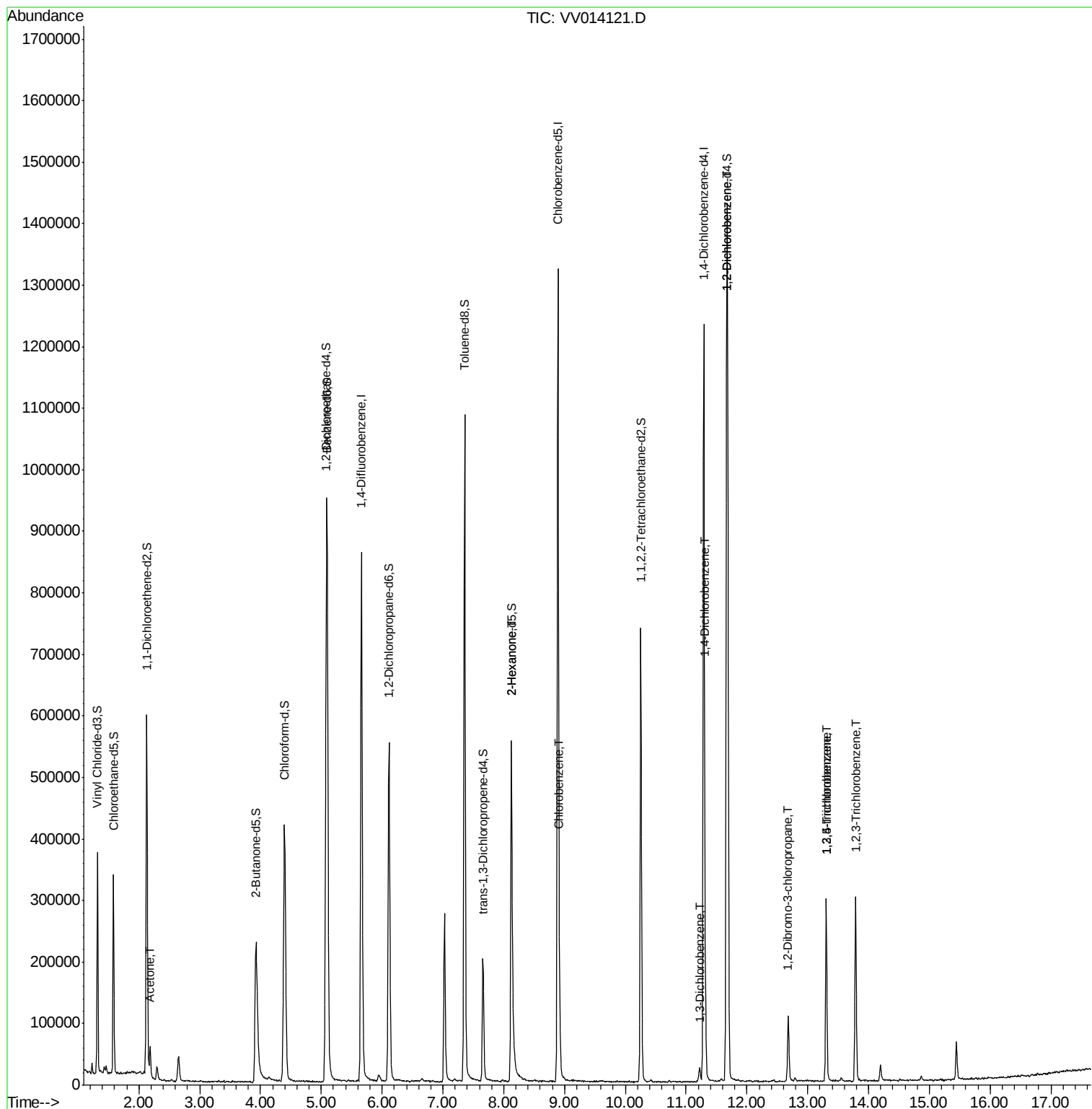
						Qvalue
13) Acetone	2.18	43	43430	9.884	ug/L	97
48) 2-Hexanone	8.13	43	24782	4.614	ug/L #	68
51) Chlorobenzene	8.92	112	46416	3.056	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	8677	0.819	ug/L	93
63) 1,4-Dichlorobenzene	11.31	146	70427	6.428	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	443557	41.841	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.68	75	2953	2.004	ug/L #	1
67) 1,3,5-Trichlorobenzene	13.31	180	97185	11.292	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	97185	12.515	ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	96509	11.884	ug/L	98

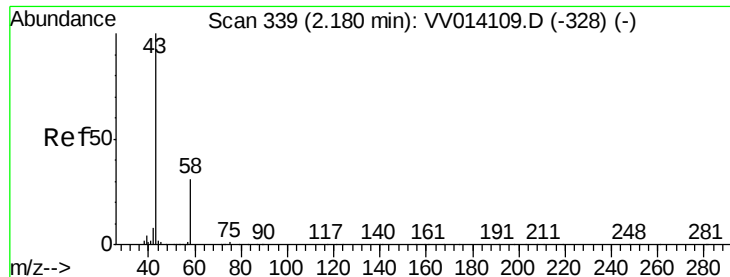
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV014121.D
Acq On : 18 Dec 2019 14:57
Operator : SY/MD
Sample : K6356-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0D38

Quant Time: Dec 19 07:09:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 19 07:06:05 2019
Response via : Initial Calibration





#13

Acetone

Concen: 9.884 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VV014121.D

Acq: 18 Dec 2019 14:57

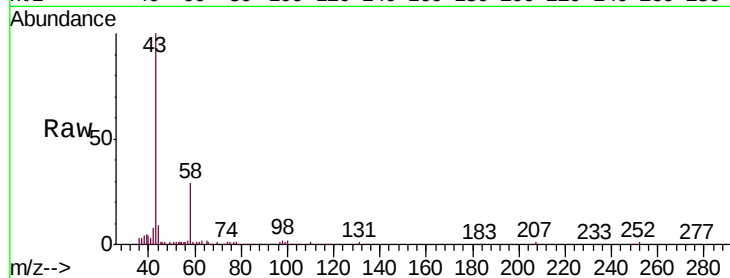
Instrument :
MSVOA_V
ClientSampleId :
C0D38

Tgt Ion: 43 Resp: 43430

Ion Ratio Lower Upper

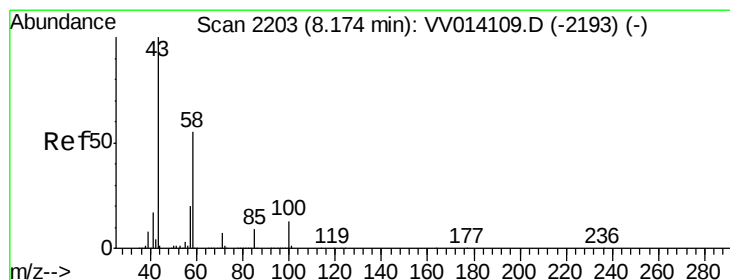
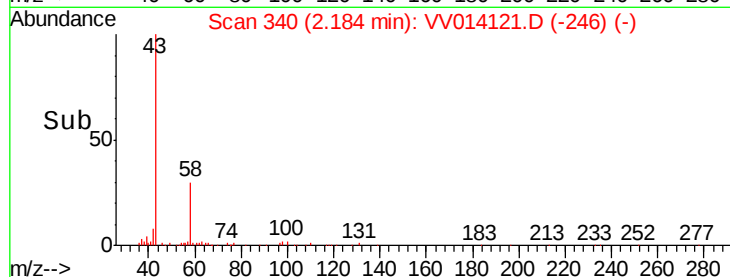
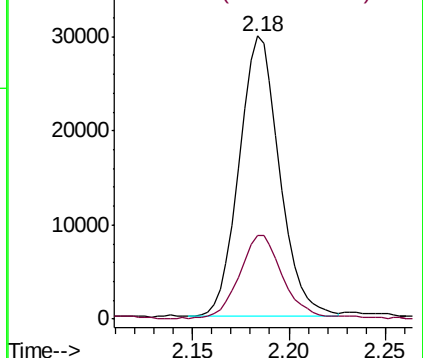
43 100

58 32.1 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV014109.D (-328) (-)

Ion 58.00 (57.70 to 58.70): VV014109.D (-328) (-)



#48

2-Hexanone

Concen: 4.614 ug/L

RT: 8.13 min Scan# 2188

Delta R.T. -0.05 min

Lab File: VV014121.D

Acq: 18 Dec 2019 14:57

Tgt Ion: 43 Resp: 24782

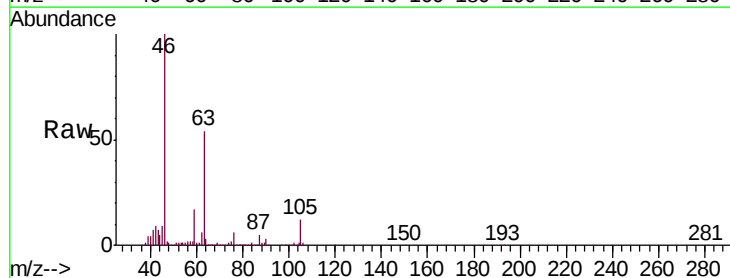
Ion Ratio Lower Upper

43 100

58 37.2 48.4 72.6#

57 36.1 16.6 24.8#

100 0.6 11.9 17.9#

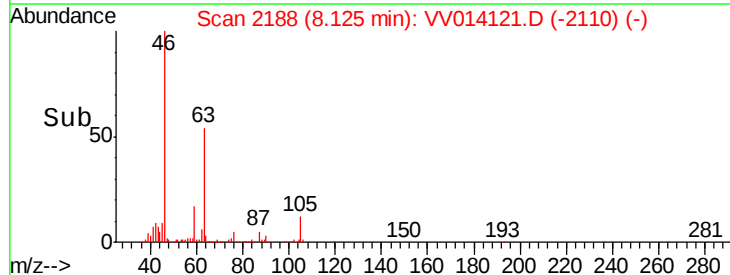
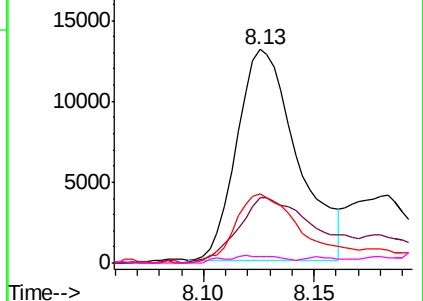


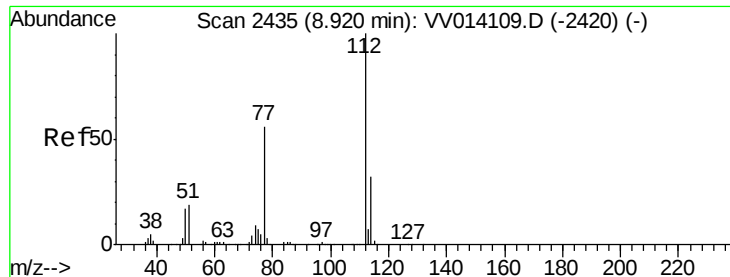
Abundance Ion 43.00 (42.70 to 43.70): VV014109.D (-2193) (-)

Ion 58.00 (57.70 to 58.70): VV014109.D (-2193) (-)

Ion 57.00 (56.70 to 57.70): VV014109.D (-2193) (-)

Ion 100.00 (99.70 to 100.70): VV014109.D (-2193) (-)





#51

Chlorobenzene

Concen: 3.056 ug/L

RT: 8.92 min Scan# 2435

Delta R.T. -0.00 min

Lab File: VV014121.D

Acq: 18 Dec 2019 14:57

Instrument :

MSVOA_V

ClientSampleId :

C0D38

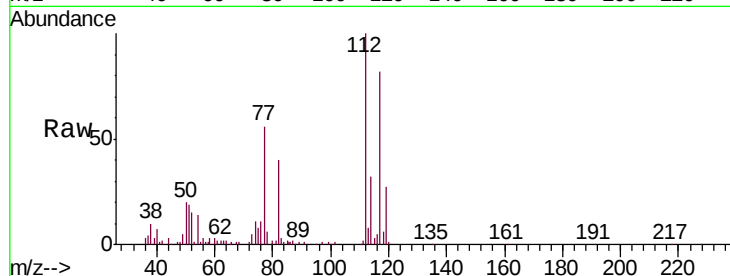
Tgt Ion:112 Resp: 46416

Ion Ratio Lower Upper

112 100

114 32.3 23.2 43.2

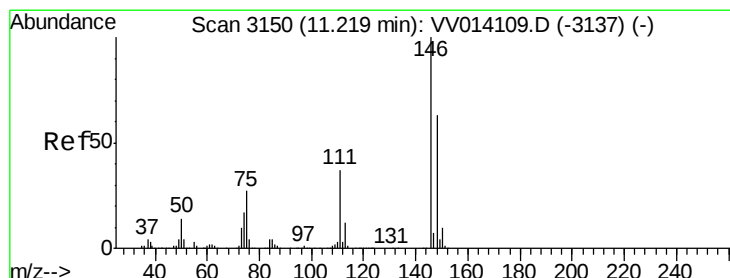
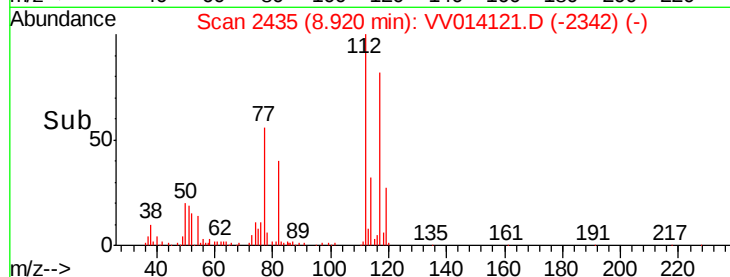
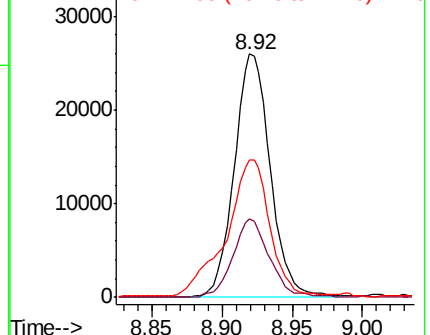
77 56.2 45.0 67.4



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: 0.819 ug/L

RT: 11.22 min Scan# 3152

Delta R.T. 0.01 min

Lab File: VV014121.D

Acq: 18 Dec 2019 14:57

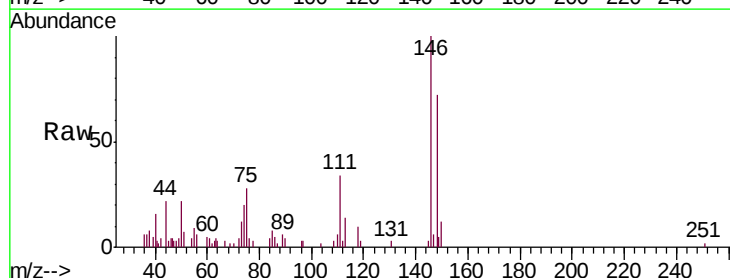
Tgt Ion:146 Resp: 8677

Ion Ratio Lower Upper

146 100

111 34.2 25.8 48.0

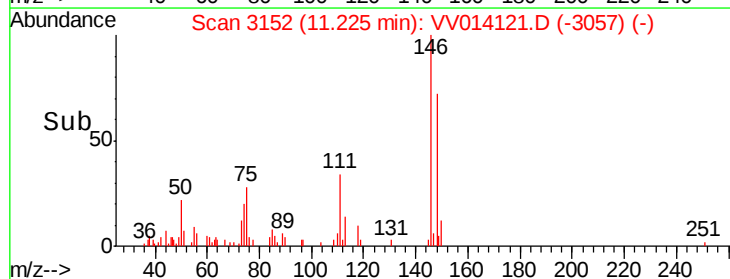
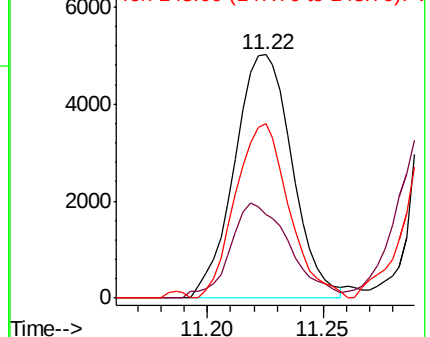
148 71.6 45.2 84.0

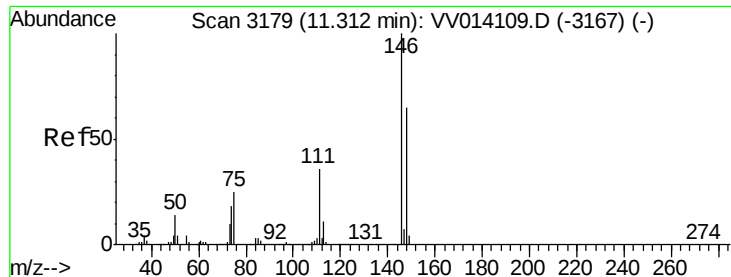


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

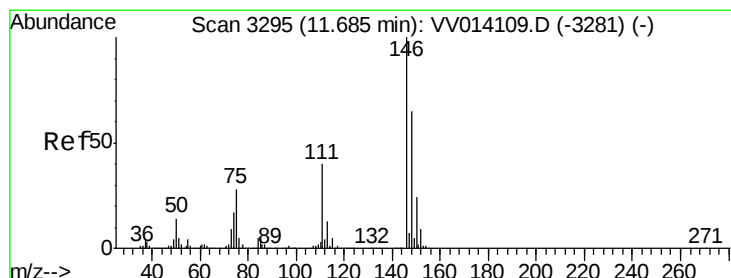
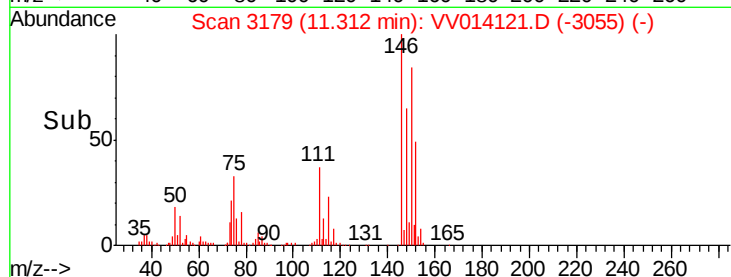
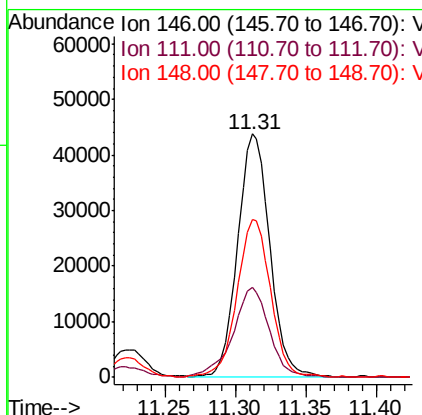
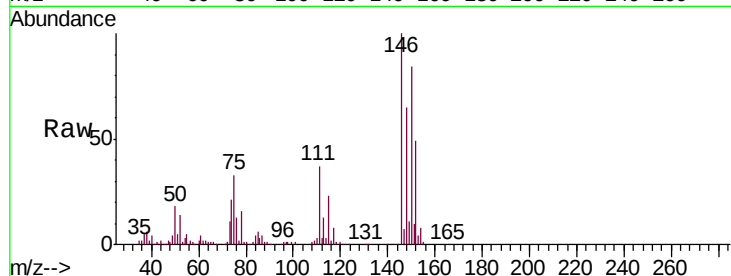




#63
 1,4-Dichlorobenzene
 Concen: 6.428 ug/L
 RT: 11.31 min Scan# 3179
 Delta R.T. -0.00 min
 Lab File: VV014121.D
 Acq: 18 Dec 2019 14:57

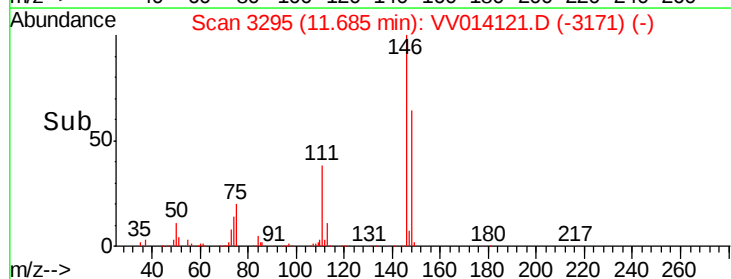
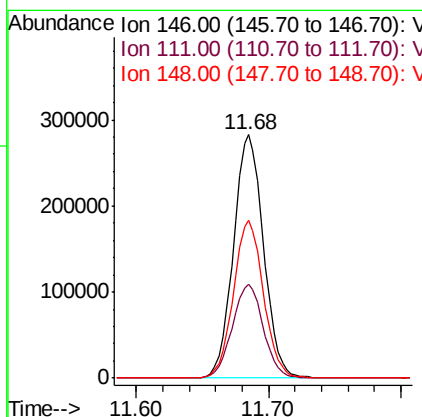
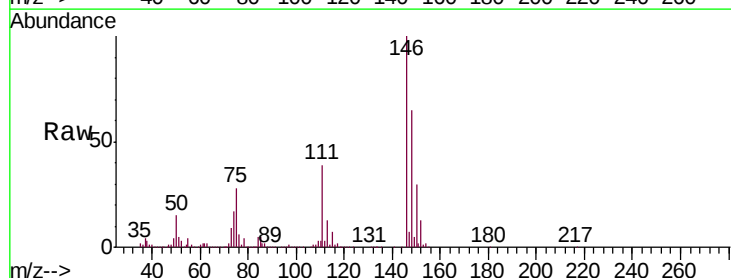
Instrument :
 MSVOA_V
 ClientSampleId :
 C0D38

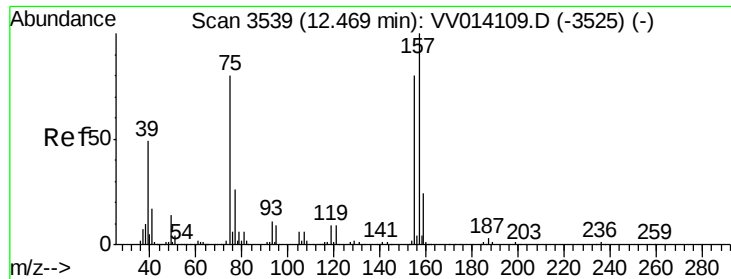
Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	25.4	47.2
148	64.6	44.9	83.5



#65
 1,2-Dichlorobenzene
 Concen: 41.841 ug/L
 RT: 11.68 min Scan# 3295
 Delta R.T. -0.00 min
 Lab File: VV014121.D
 Acq: 18 Dec 2019 14:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	31.4	47.0
148	64.6	51.5	77.3

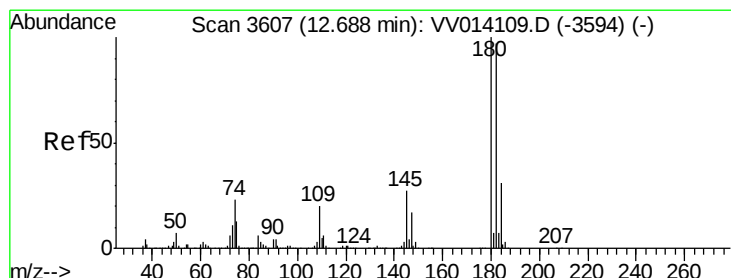
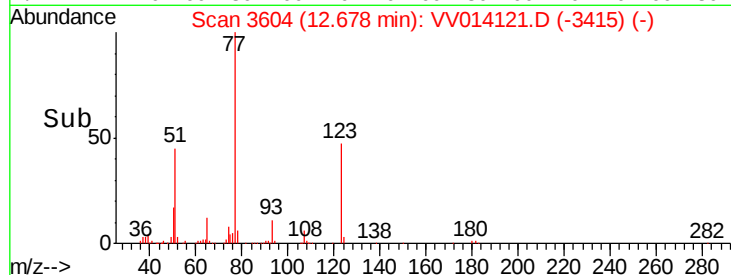
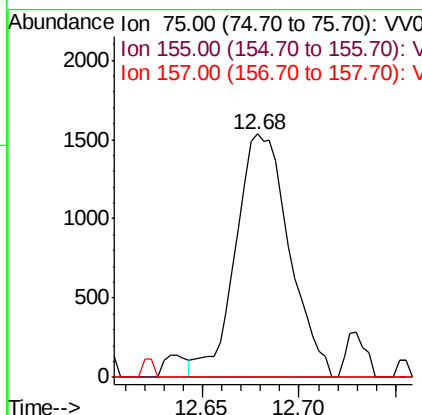
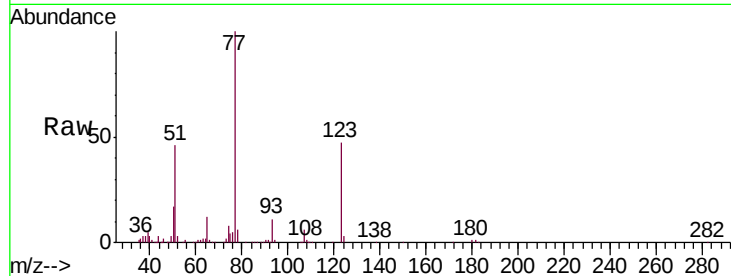




#66
 1,2-Dibromo-3-chloropropane
 Concen: 2.004 ug/L
 RT: 12.68 min Scan# 3604
 Delta R.T. 0.21 min
 Lab File: VV014121.D
 Acq: 18 Dec 2019 14:57

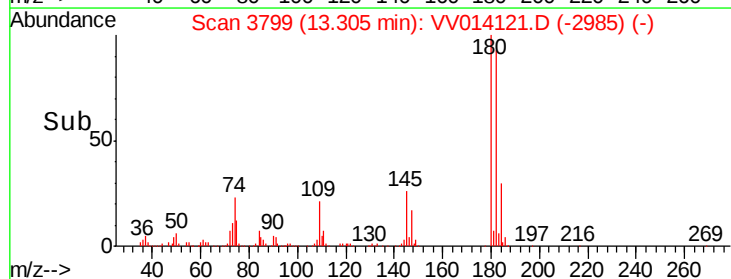
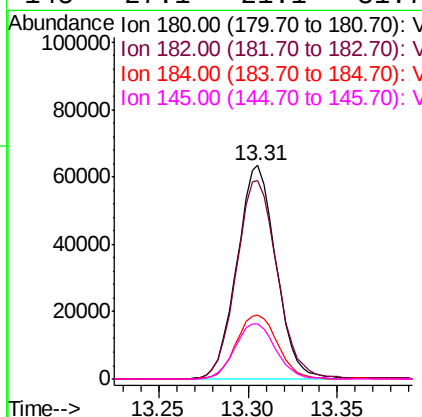
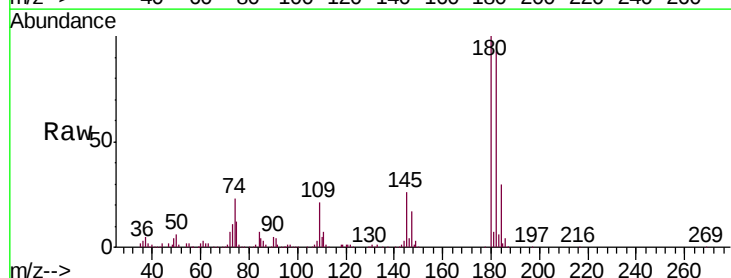
Instrument :
 MSVOA_V
 ClientSampleId :
 C0D38

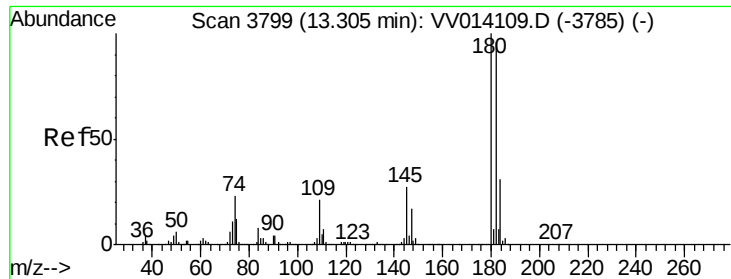
Tgt Ion: 75 Resp: 2953
 Ion Ratio Lower Upper
 75 100
 155 0.0 78.6 117.8#
 157 0.0 102.6 153.8#



#67
 1,3,5-Trichlorobenzene
 Concen: 11.292 ug/L
 RT: 13.31 min Scan# 3799
 Delta R.T. 0.62 min
 Lab File: VV014121.D
 Acq: 18 Dec 2019 14:57

Tgt Ion: 180 Resp: 97185
 Ion Ratio Lower Upper
 180 100
 182 97.5 76.2 114.4
 184 31.9 24.2 36.4
 145 27.1 21.1 31.7





#68

1,2,4-trichlorobenzene

Concen: 12.515 ug/L

RT: 13.31 min Scan# 3799

Delta R.T. -0.00 min

Lab File: VV014121.D

Acq: 18 Dec 2019 14:57

Instrument :

MSVOA_V

ClientSampleId :

C0D38

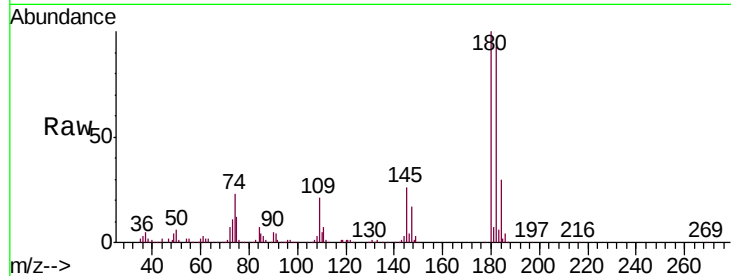
Tgt Ion:180 Resp: 97185

Ion Ratio Lower Upper

180 100

182 97.5 76.2 114.4

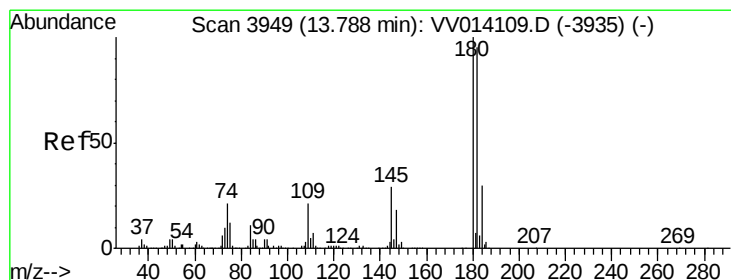
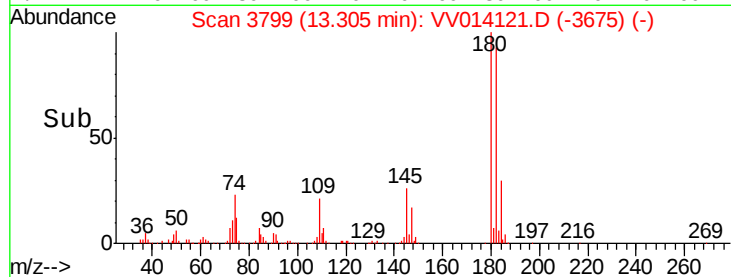
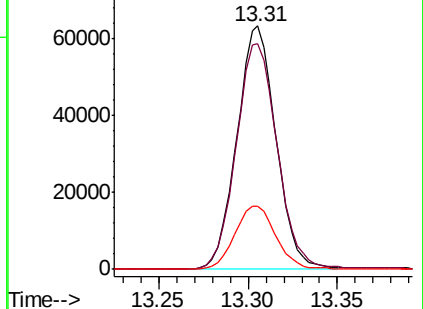
145 27.1 21.9 32.9



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



#70

1,2,3-Trichlorobenzene

Concen: 11.884 ug/L

RT: 13.79 min Scan# 3949

Delta R.T. -0.00 min

Lab File: VV014121.D

Acq: 18 Dec 2019 14:57

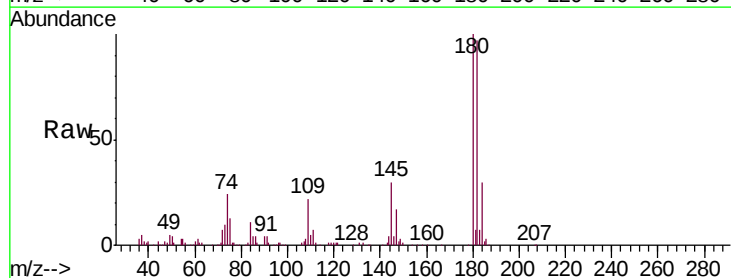
Tgt Ion:180 Resp: 96509

Ion Ratio Lower Upper

180 100

182 97.4 77.0 115.4

145 30.0 22.6 34.0



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

