

Data File : VV014981.D
Acq On : 17 Mar 2020 18:13
Operator : SY/MD
Sample : L1940-18
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0DD0

Quant Time: Mar 18 05:26:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031620WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 18 05:21:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	331205	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	326886	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	157814	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	87256	39.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.10%
7) Chloroethane-d5	1.58	69	67994	41.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.98%
11) 1,1-Dichloroethene-d2	2.12	63	109964	32.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.96%
21) 2-Butanone-d5	3.93	46	107027	79.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.55%
24) Chloroform-d	4.38	84	202352	44.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.04%
26) 1,2-Dichloroethane-d4	5.06	65	136241	46.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.56%
32) Benzene-d6	5.08	84	414413	46.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.04%
36) 1,2-Dichloropropane-d6	6.10	67	122659	45.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.48%
41) Toluene-d8	7.34	98	395733	44.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.86%
43) trans-1,3-Dichloropropene-	7.64	79	55446	38.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.78%
47) 2-Hexanone-d5	8.12	63	114044	94.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.22%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	178710	45.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.04%
64) 1,2-Dichlorobenzene-d4	11.65	152	170733	49.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.78%

Target Compounds

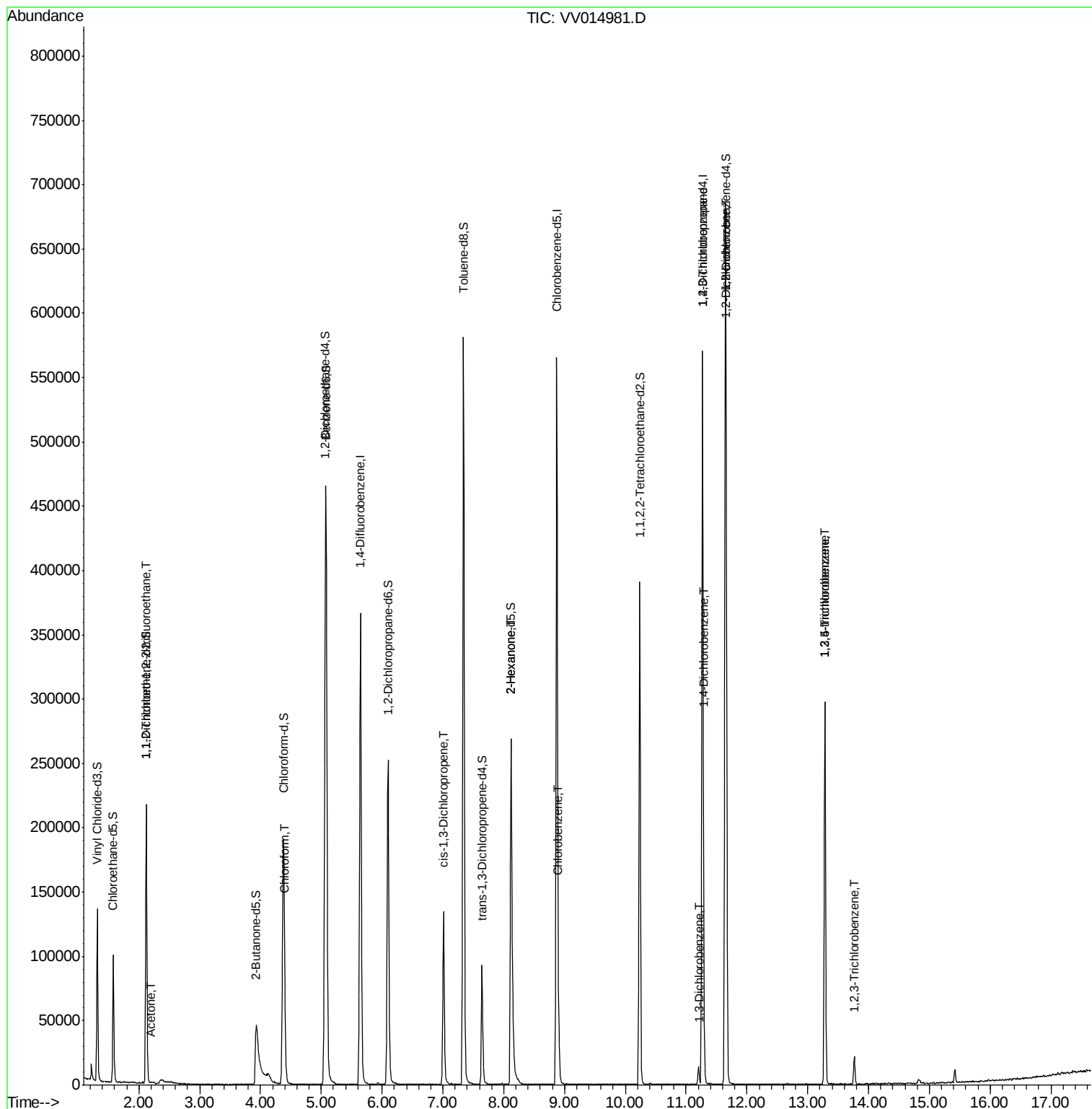
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1291	0.757 ug/L #	15
13) Acetone	2.21	43	1486	1.118 ug/L	81
25) Chloroform	4.41	83	6292	1.451 ug/L	91
39) cis-1,3-Dichloropropene	7.01	75	3361	0.917 ug/L	89
48) 2-Hexanone	8.12	43	14060	5.904 ug/L #	76
51) Chlorobenzene	8.90	112	21889	3.176 ug/L	96
59) 1,2,3-Trichloropropane	11.27	75	18845	6.166 ug/L	92
62) 1,3-Dichlorobenzene	11.21	146	6384	1.228 ug/L	97
63) 1,4-Dichlorobenzene	11.29	146	15084	2.879 ug/L	97
65) 1,2-Dichlorobenzene	11.67	146	114081	21.960 ug/L	99
67) 1,3,5-Trichlorobenzene	13.28	180	99235	24.338 ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	99235	27.306 ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	7663	2.130 ug/L	98

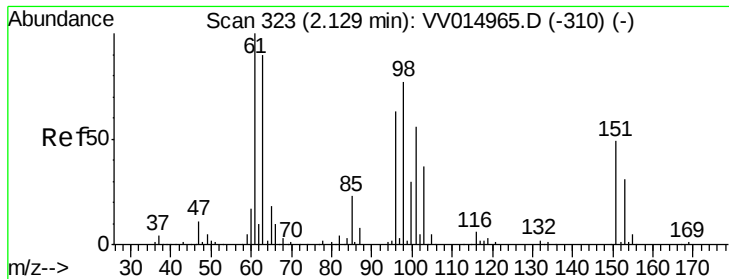
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV014981.D
Acq On : 17 Mar 2020 18:13
Operator : SY/MD
Sample : L1940-18
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0DD0

Quant Time: Mar 18 05:26:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031620WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 18 05:21:28 2020
Response via : Initial Calibration





#10

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

Concen: 0.757 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV014981.D

Acq: 17 Mar 2020 18:13

Instrument :

MSVOA_V

ClientSampleId :

C0DD0

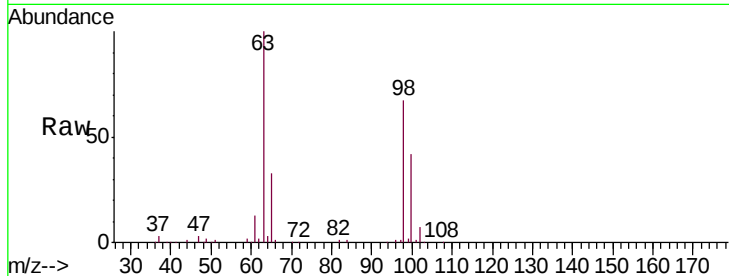
Tgt Ion:101 Resp: 1291

Ion Ratio Lower Upper

101 100

85 0.0 33.9 50.9#

151 0.0 70.1 105.1#

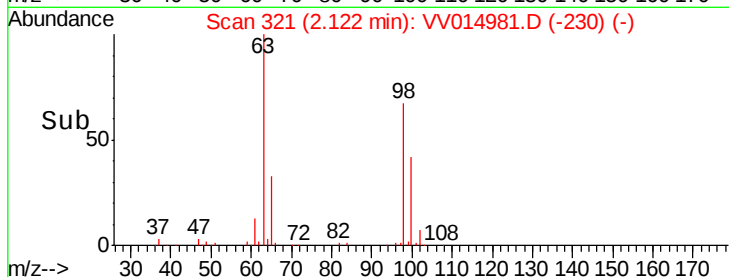


Abundance Ion 101.00 (100.70 to 101.70): VV014981.D (-230) (-)

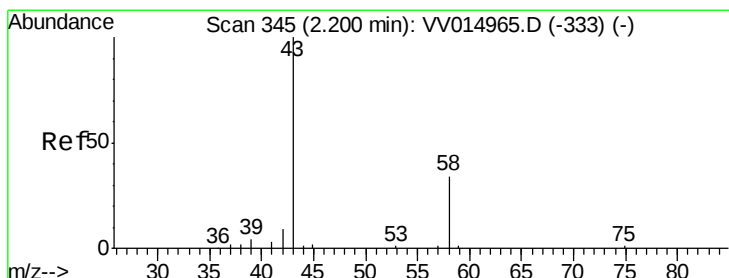
Ion 85.00 (84.70 to 85.70): VV014981.D (-230) (-)

Ion 151.00 (150.70 to 151.70): VV014981.D (-230) (-)

Time-->



Time-->



#13

Acetone

Concen: 1.118 ug/L

RT: 2.21 min Scan# 347

Delta R.T. 0.01 min

Lab File: VV014981.D

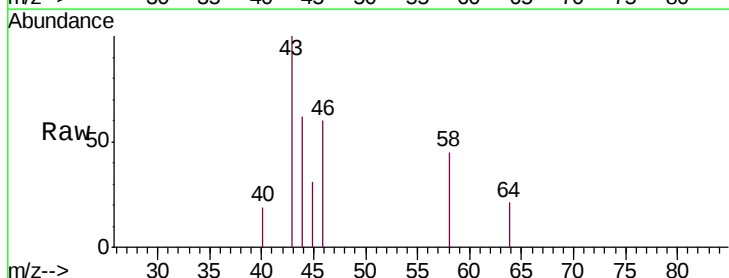
Acq: 17 Mar 2020 18:13

Tgt Ion: 43 Resp: 1486

Ion Ratio Lower Upper

43 100

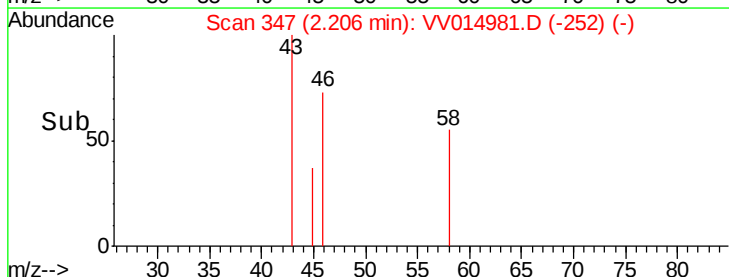
58 35.5 0.0 51.6



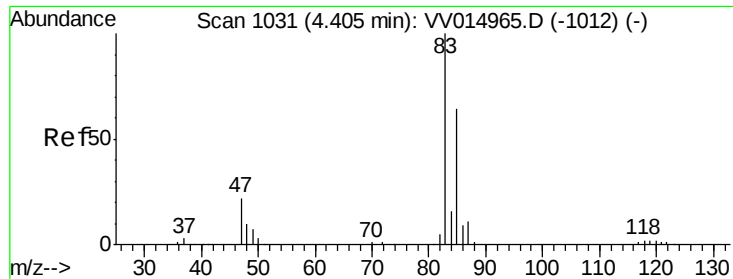
Abundance Ion 43.00 (42.70 to 43.70): VV014981.D (-252) (-)

Ion 58.00 (57.70 to 58.70): VV014981.D (-252) (-)

Time-->



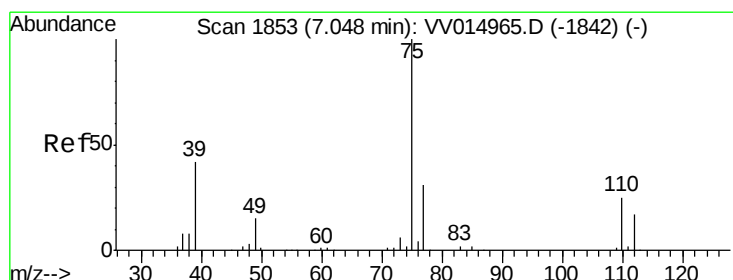
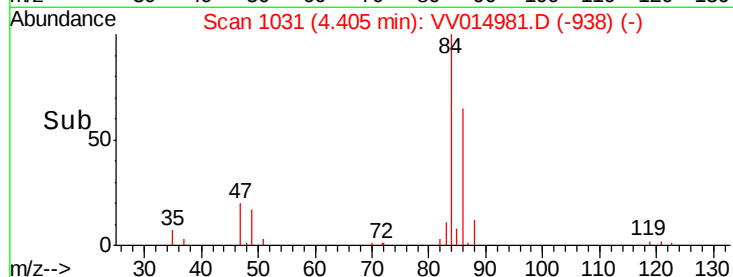
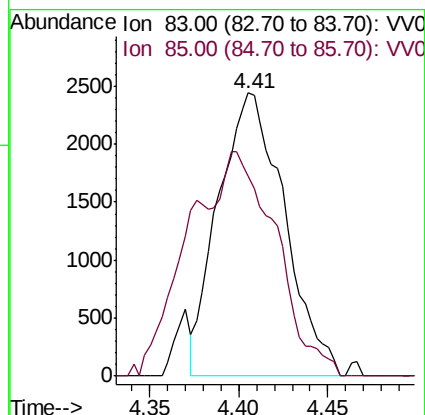
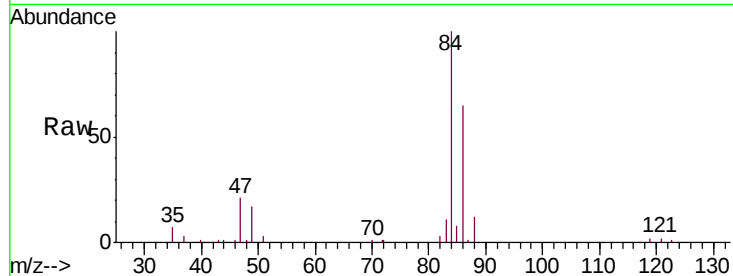
Time-->



#25
Chloroform
Concen: 1.451 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV014981.D
Acq: 17 Mar 2020 18:13

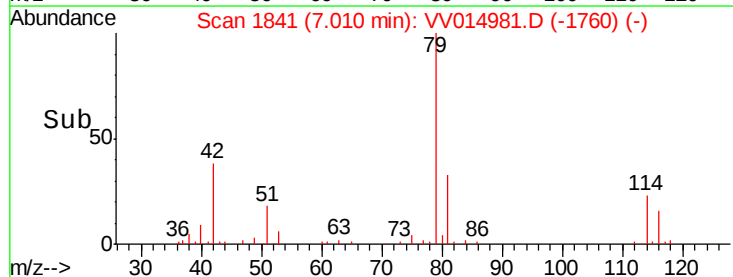
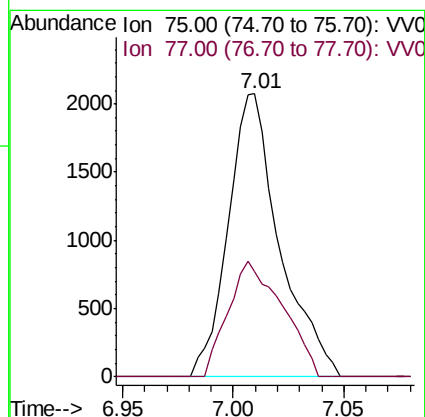
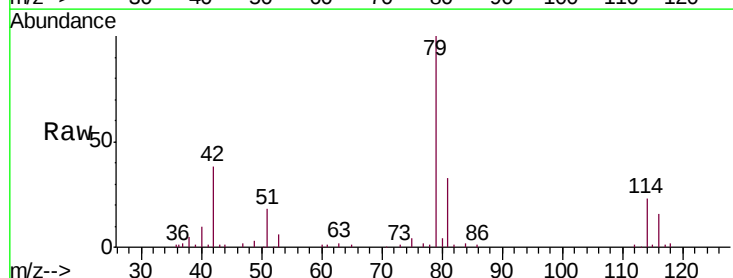
Instrument :
MSVOA_V
ClientSampled :
C0DD0

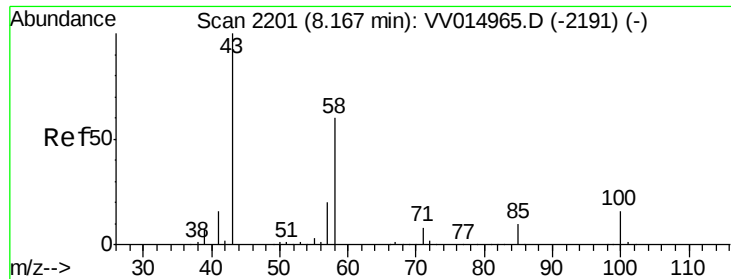
Tgt Ion: 83 Resp: 6292
Ion Ratio Lower Upper
83 100
85 70.5 44.6 82.8



#39
cis-1,3-Dichloropropene
Concen: 0.917 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV014981.D
Acq: 17 Mar 2020 18:13

Tgt Ion: 75 Resp: 3361
Ion Ratio Lower Upper
75 100
77 37.1 21.8 40.6

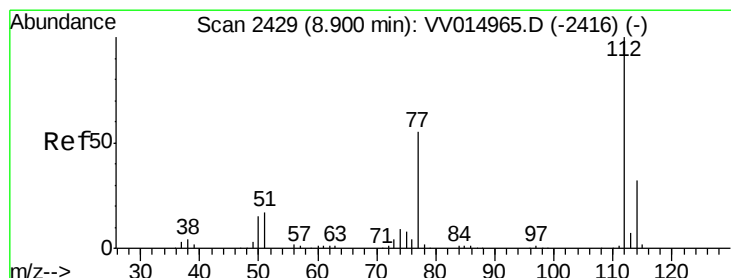
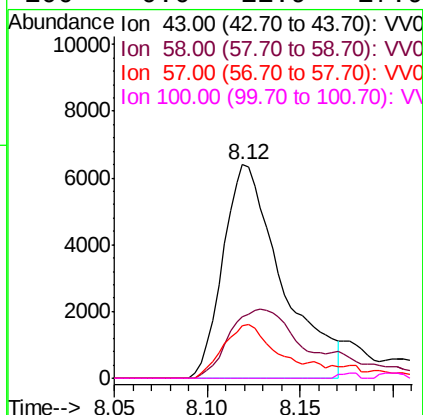
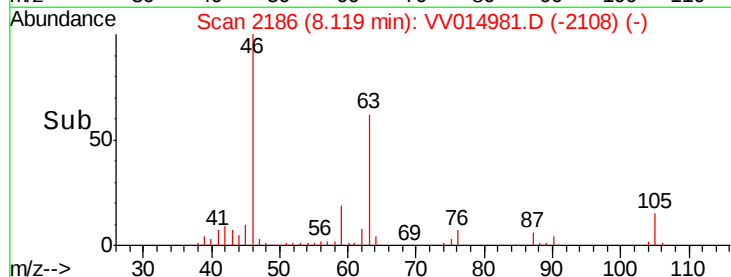
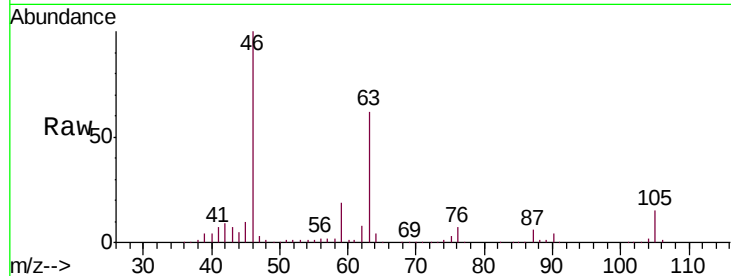




#48
2-Hexanone
Concen: 5.904 ug/L
RT: 8.12 min Scan# 2186
Delta R.T. -0.05 min
Lab File: VV014981.D
Acq: 17 Mar 2020 18:13

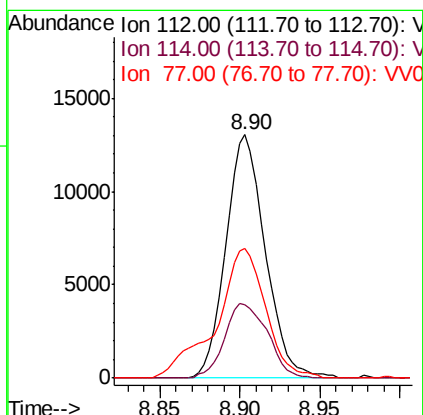
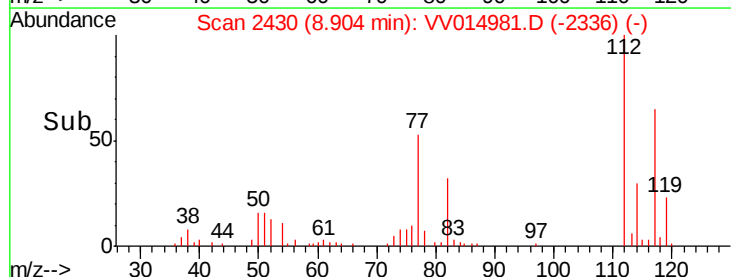
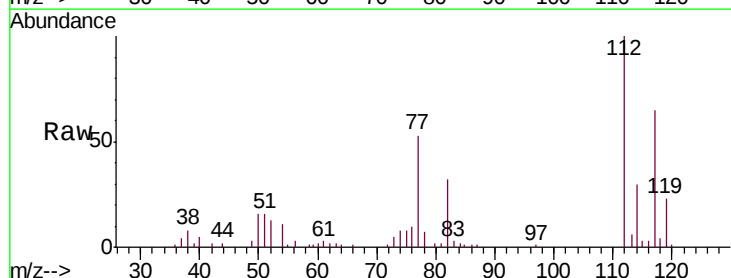
Instrument :
MSVOA_V
ClientSampleId :
C0DD0

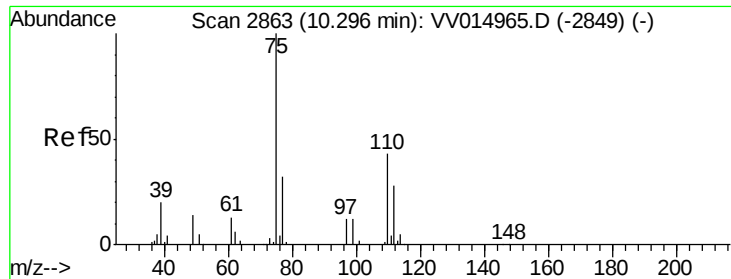
Tgt Ion:	43	Resp:	14060
Ion	Ratio	Lower	Upper
43	100		
58	37.4	46.9	70.3#
57	22.2	16.2	24.4
100	0.0	11.9	17.9#



#51
Chlorobenzene
Concen: 3.176 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV014981.D
Acq: 17 Mar 2020 18:13

Tgt Ion:	112	Resp:	21889
Ion	Ratio	Lower	Upper
112	100		
114	30.2	22.8	42.4
77	53.2	44.5	66.7





#59

1,2,3-Trichloropropane

Concen: 6.166 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV014981.D

Acq: 17 Mar 2020 18:13

Instrument :

MSVOA_V

ClientSampleId :

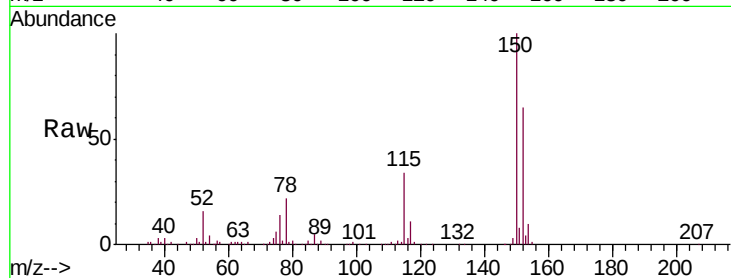
C0DD0

Tgt Ion: 75 Resp: 18845

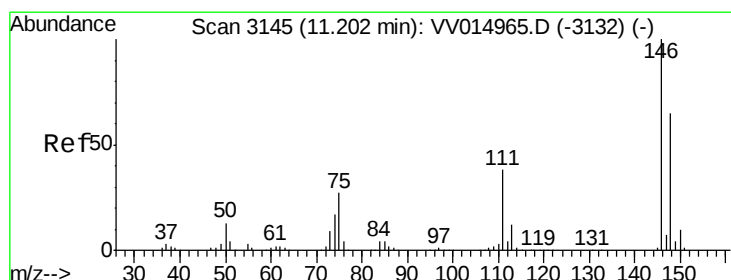
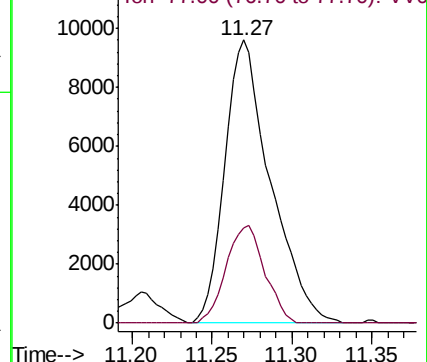
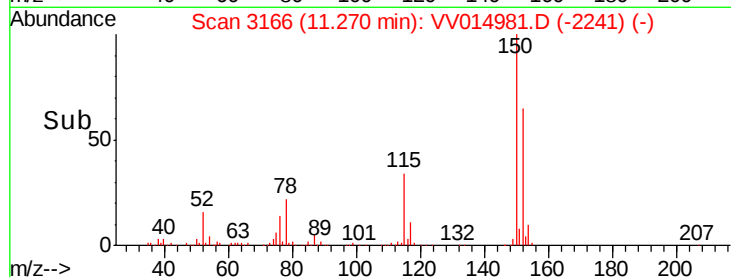
Ion Ratio Lower Upper

75 100

77 28.9 26.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VV014981.D (-2241) (-)



#62

1,3-Dichlorobenzene

Concen: 1.228 ug/L

RT: 11.21 min Scan# 3146

Delta R.T. 0.00 min

Lab File: VV014981.D

Acq: 17 Mar 2020 18:13

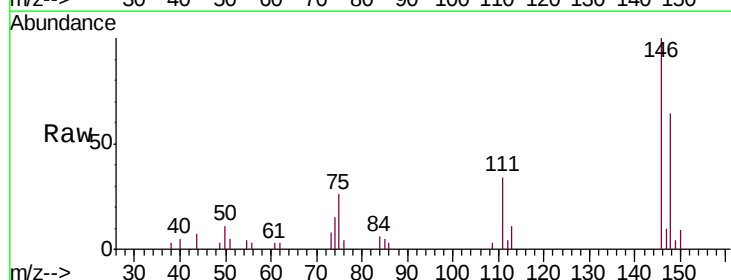
Tgt Ion: 146 Resp: 6384

Ion Ratio Lower Upper

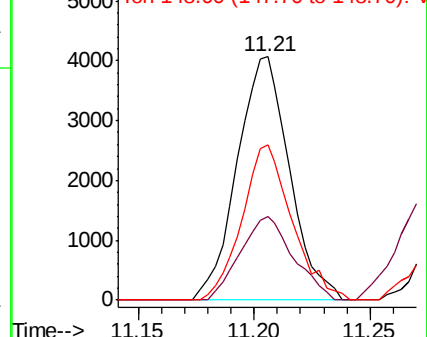
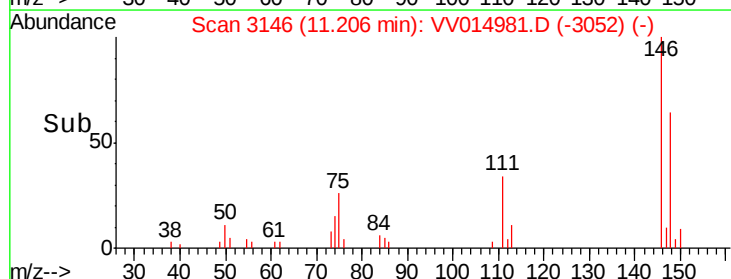
146 100

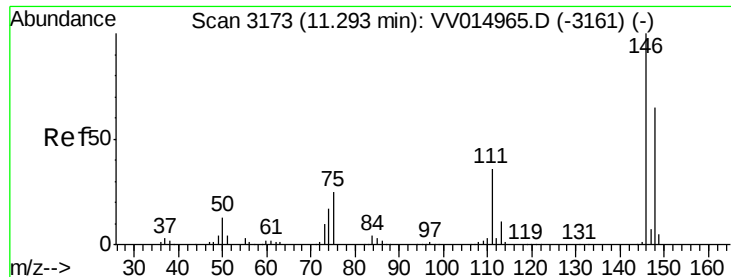
111 34.3 26.5 49.3

148 63.7 45.4 84.2



Abundance Ion 146.00 (145.70 to 146.70): VV014981.D (-3052) (-)

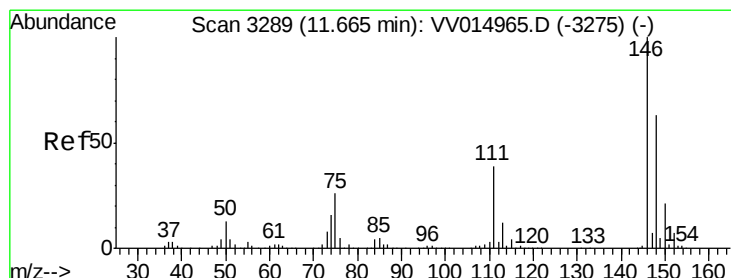
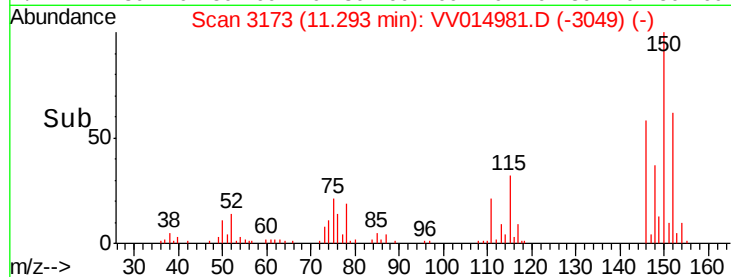
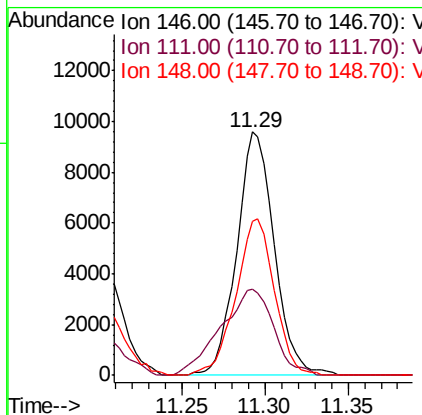
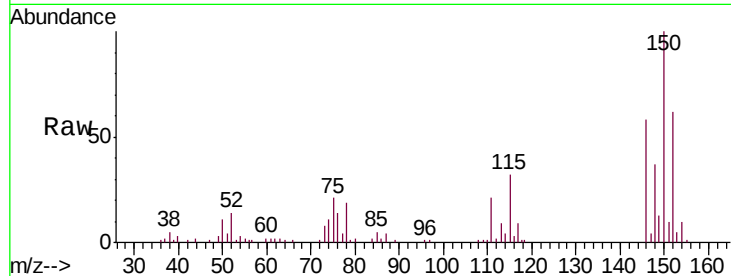




#63
 1,4-Dichlorobenzene
 Concen: 2.879 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.00 min
 Lab File: VV014981.D
 Acq: 17 Mar 2020 18:13

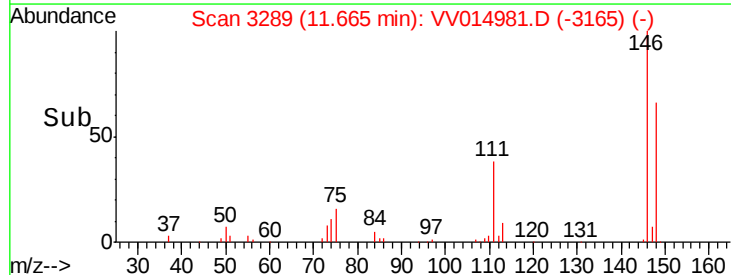
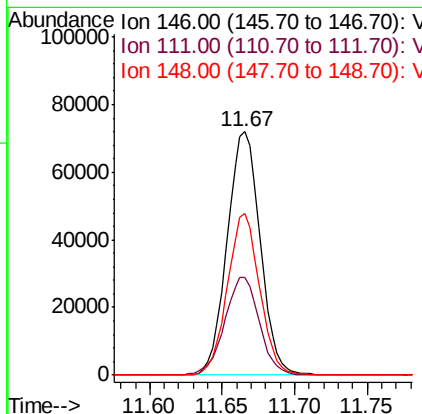
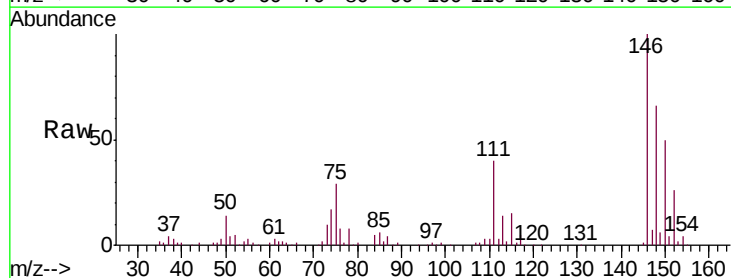
Instrument :
 MSVOA_V
 ClientSampleId :
 C0DD0

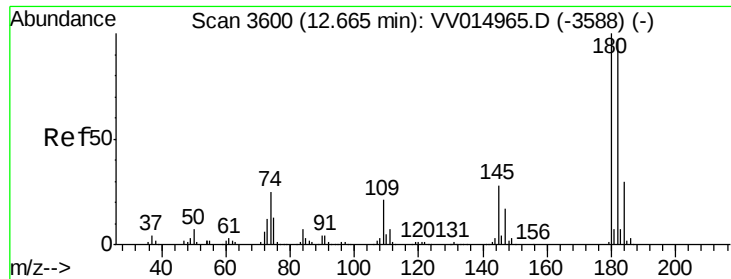
Tgt Ion:146 Resp: 15084
 Ion Ratio Lower Upper
 146 100
 111 35.6 26.0 48.2
 148 63.2 46.1 85.5



#65
 1,2-Dichlorobenzene
 Concen: 21.960 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. -0.00 min
 Lab File: VV014981.D
 Acq: 17 Mar 2020 18:13

Tgt Ion:146 Resp: 114081
 Ion Ratio Lower Upper
 146 100
 111 40.0 31.6 47.4
 148 66.4 52.2 78.4

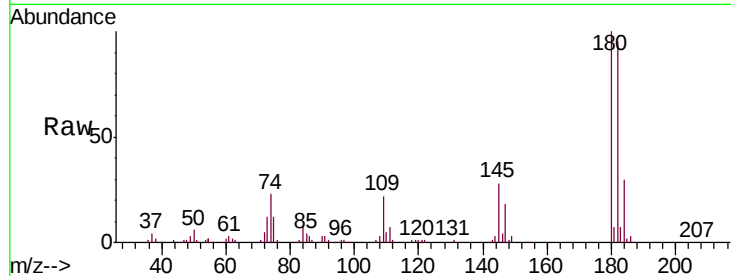




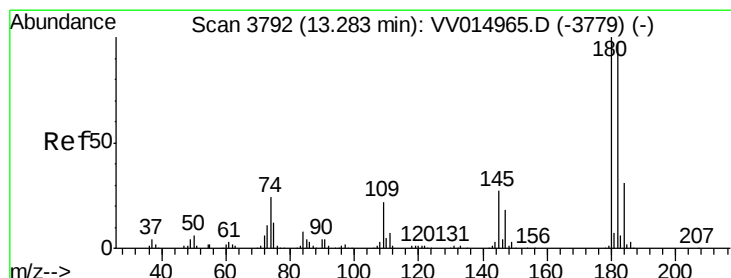
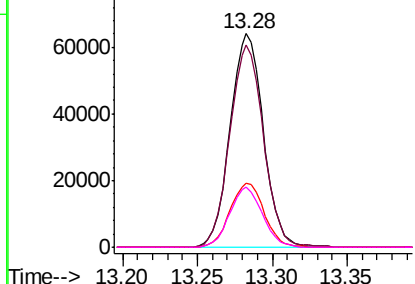
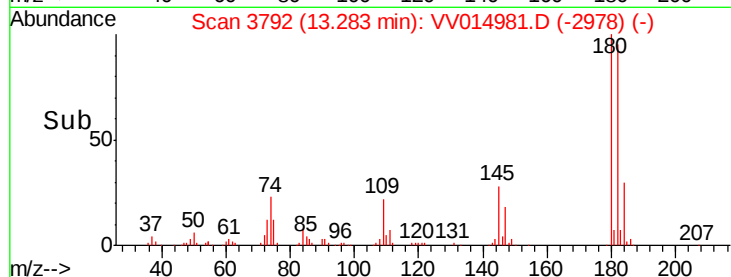
#67
 1,3,5-Trichlorobenzene
 Concen: 24.338 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. 0.62 min
 Lab File: VV014981.D
 Acq: 17 Mar 2020 18:13

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DD0

Tgt Ion:	180	Resp:	99235
Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.7	113.5
184	30.8	24.2	36.4
145	27.7	22.0	33.0

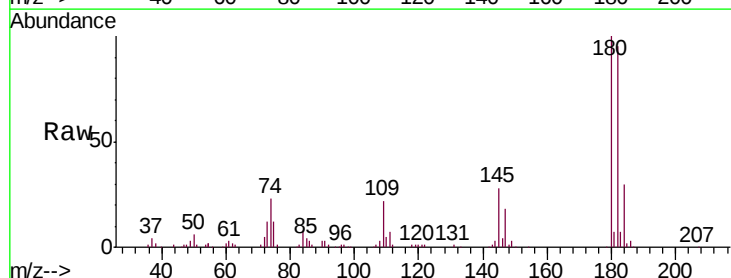


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

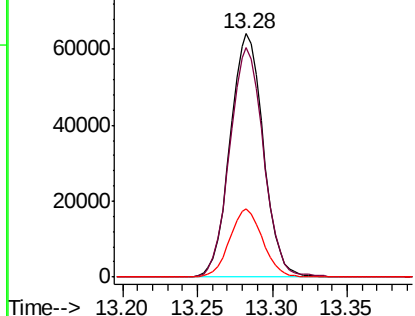
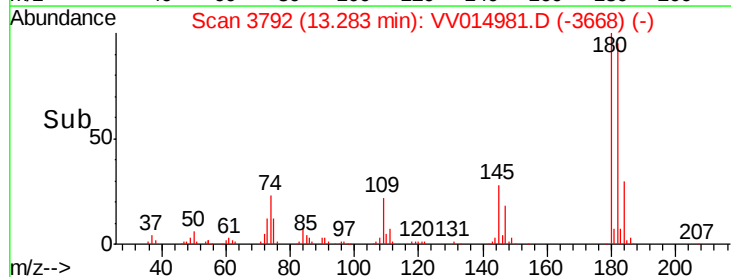


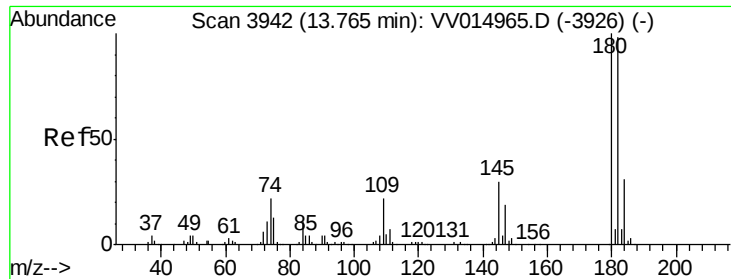
#68
 1,2,4-trichlorobenzene
 Concen: 27.306 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. -0.00 min
 Lab File: VV014981.D
 Acq: 17 Mar 2020 18:13

Tgt Ion:	180	Resp:	99235
Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.3	114.5
145	27.7	23.1	34.7



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

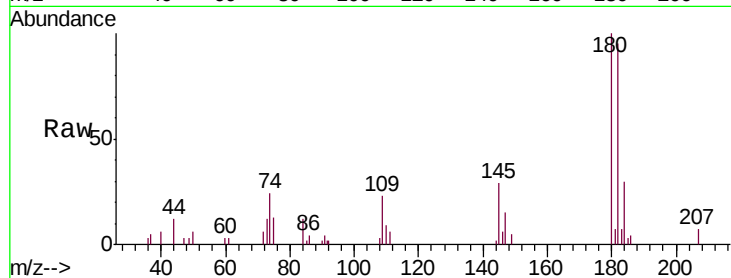




#70
 1,2,3-Trichlorobenzene
 Concen: 2.130 ug/L
 RT: 13.77 min Scan# 3942
 Delta R.T. 0.00 min
 Lab File: VV014981.D
 Acq: 17 Mar 2020 18:13

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DD0

Tgt Ion:	180	Resp:	7663
Ion	Ratio	Lower	Upper
180	100		
182	92.9	76.2	114.4
145	31.3	24.1	36.1



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

