

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031220\
 Data File : VV014892.D
 Acq On : 13 Mar 2020 01:06
 Operator : SY/MD
 Sample : L1890-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 13 04:14:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 13 04:10:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	379426	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	368610	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	174425	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	97287	37.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.78%
7) Chloroethane-d5	1.58	69	80793	39.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.60%
11) 1,1-Dichloroethene-d2	2.12	63	126326	29.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.22%#
21) 2-Butanone-d5	3.94	46	138598	72.37	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	72.37%
24) Chloroform-d	4.38	84	217789	44.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.58%
26) 1,2-Dichloroethane-d4	5.06	65	152692	46.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.48%
32) Benzene-d6	5.08	84	452188	46.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.92%
36) 1,2-Dichloropropane-d6	6.10	67	139146	43.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.26%
41) Toluene-d8	7.34	98	431600	45.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.56%
43) trans-1,3-Dichloropropene-	7.64	79	58351	37.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.10%
47) 2-Hexanone-d5	8.12	63	132484	92.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.50%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	199341	44.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.84%
64) 1,2-Dichlorobenzene-d4	11.65	152	173119	50.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.16%

Target Compounds

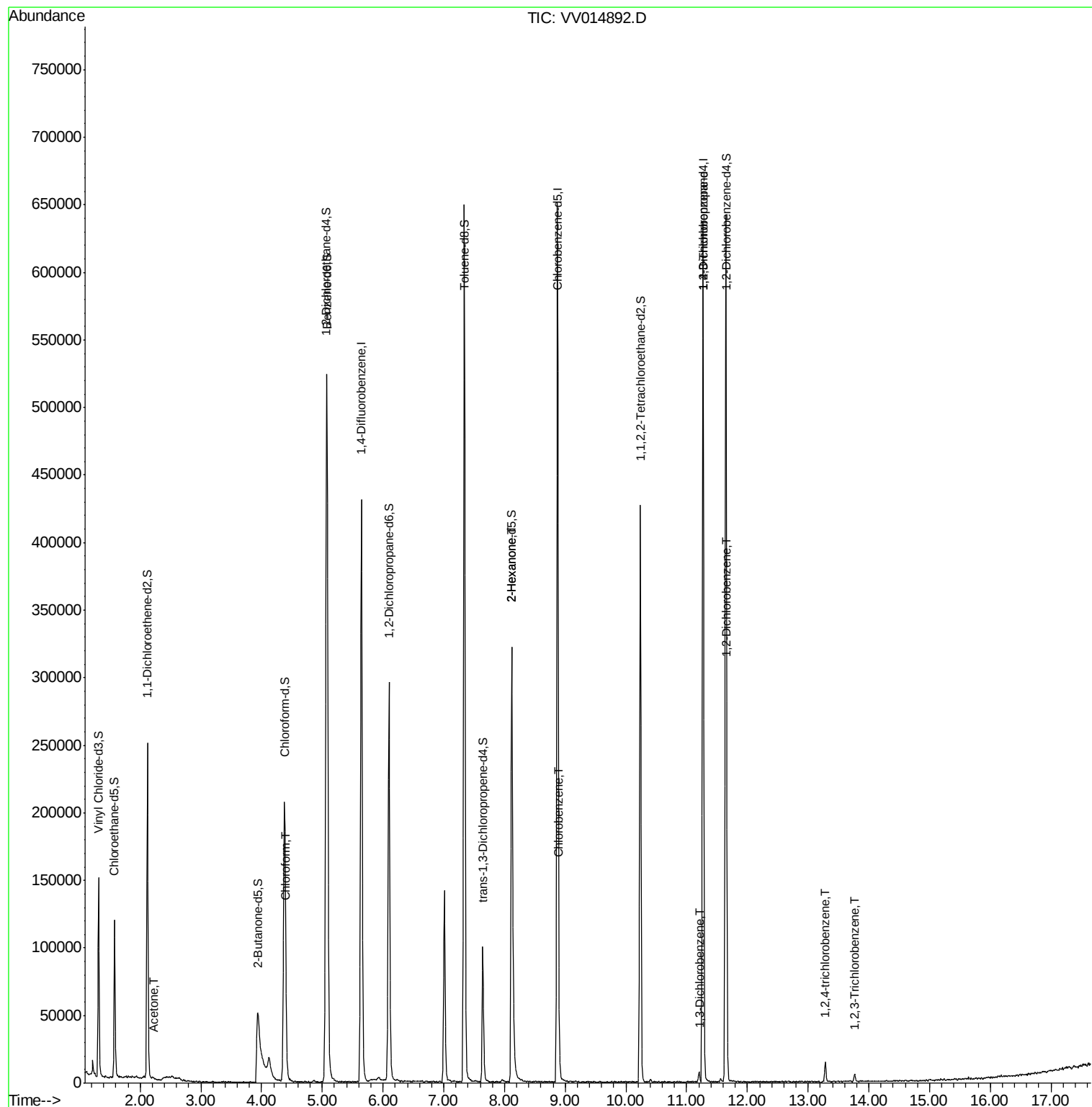
					Ovalue
13) Acetone	2.22	43	1510	0.944 ug/L	68
25) Chloroform	4.41	83	8335	1.618 ug/L	81
48) 2-Hexanone	8.12	43	15286	4.648 ug/L #	82
51) Chlorobenzene	8.90	112	5149	0.679 ug/L #	85
59) 1,2,3-Trichloropropane	11.27	75	17321	4.700 ug/L	89
62) 1,3-Dichlorobenzene	11.21	146	3406	0.604 ug/L	95
65) 1,2-Dichlorobenzene	11.67	146	8221	1.464 ug/L	96
68) 1,2,4-trichlorobenzene	13.28	180	4877	1.216 ug/L	94
70) 1,2,3-Trichlorobenzene	13.77	180	2005	0.502 ug/L	90

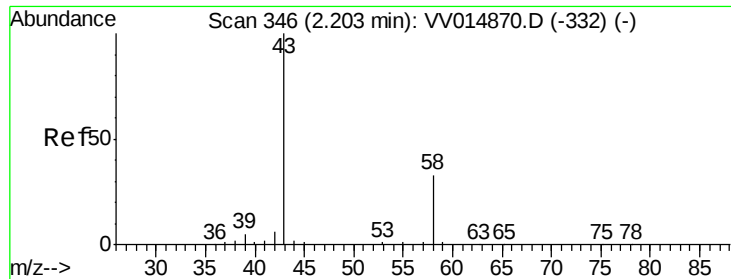
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 13 04:10:22 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.944 ug/L

RT: 2.22 min Scan# 350

Delta R.T. 0.01 min

Lab File: VV014892.D

Acq: 13 Mar 2020 01:06

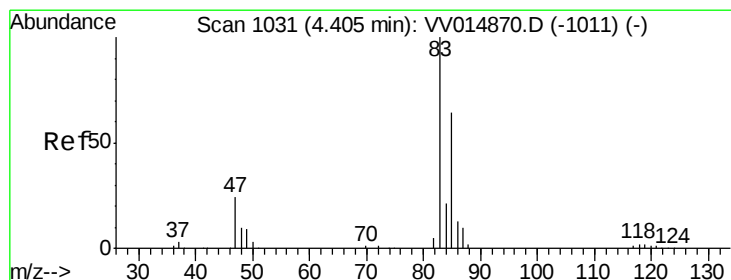
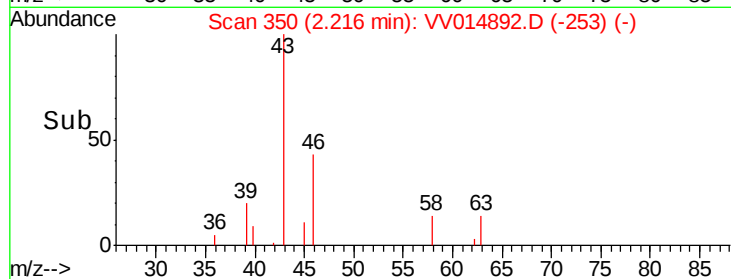
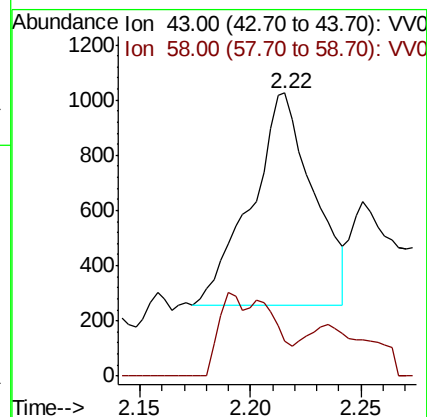
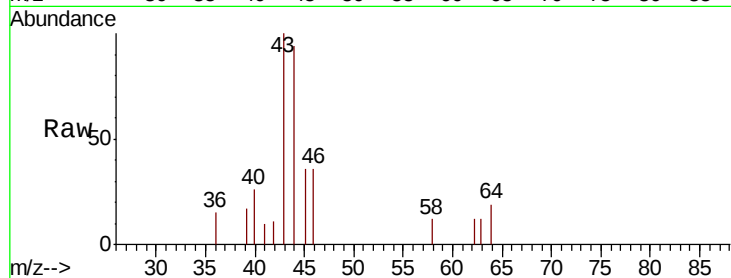
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 1510

Ion Ratio Lower Upper

43 100

58 13.6 0.0 62.2



#25

Chloroform

Concen: 1.618 ug/L

RT: 4.41 min Scan# 1032

Delta R.T. 0.00 min

Lab File: VV014892.D

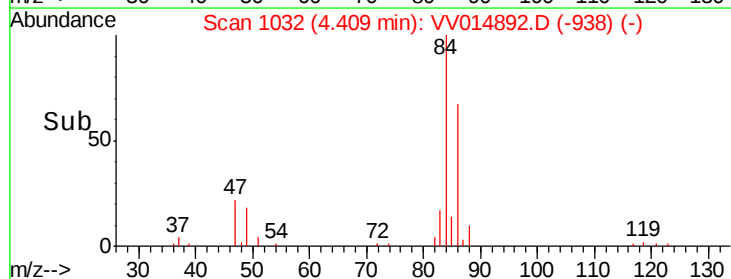
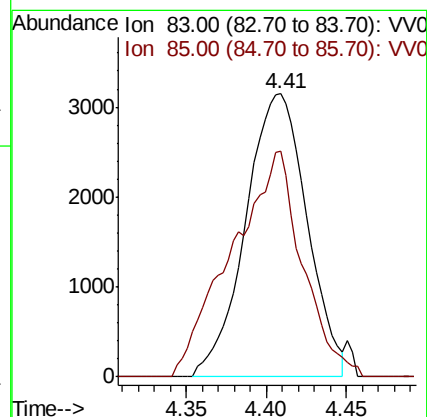
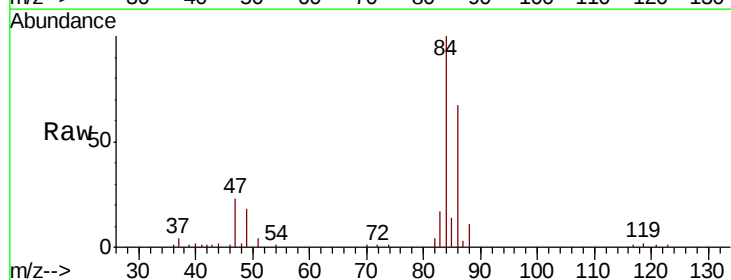
Acq: 13 Mar 2020 01:06

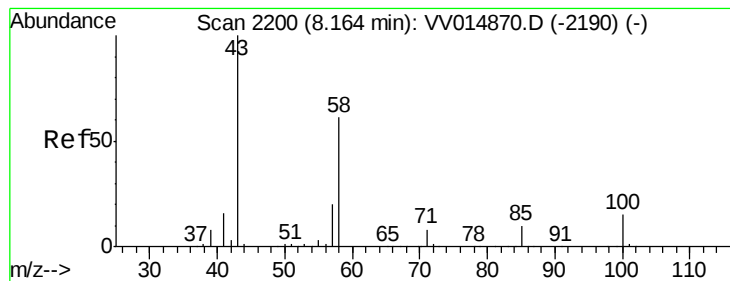
Tgt Ion: 83 Resp: 8335

Ion Ratio Lower Upper

83 100

85 79.7 45.1 83.9





#48

2-Hexanone

Concen: 4.648 ug/L

RT: 8.12 min Scan# 2185

Delta R.T. -0.05 min

Lab File: VV014892.D

Acq: 13 Mar 2020 01:06

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 15286

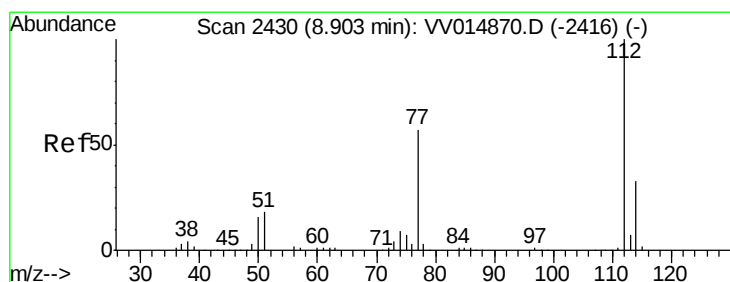
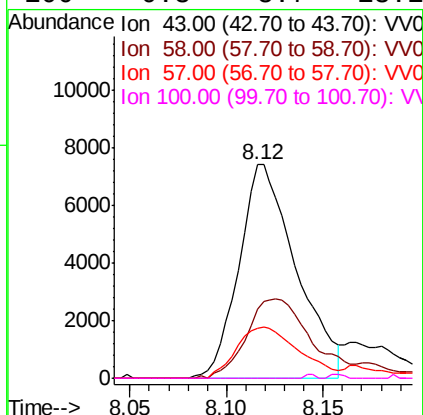
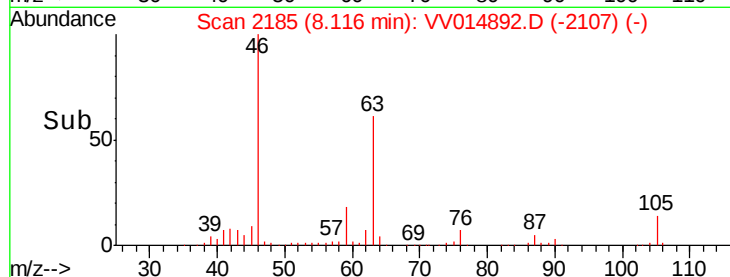
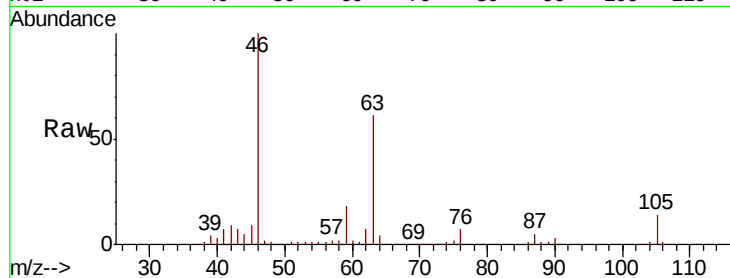
Ion Ratio Lower Upper

43 100

58 41.4 43.3 64.9#

57 25.9 15.6 23.4#

100 0.3 8.7 13.1#



#51

Chlorobenzene

Concen: 0.679 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV014892.D

Acq: 13 Mar 2020 01:06

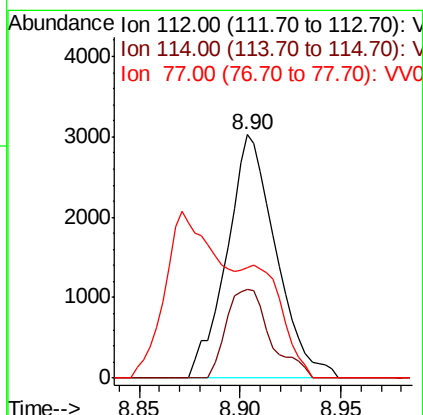
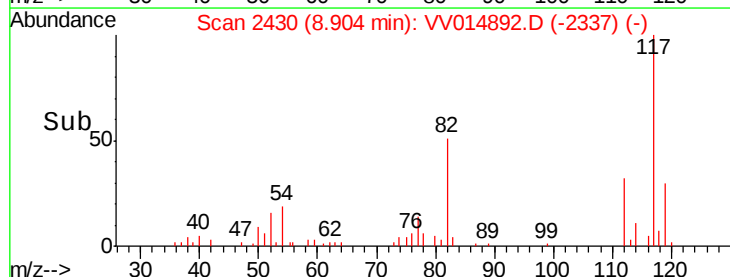
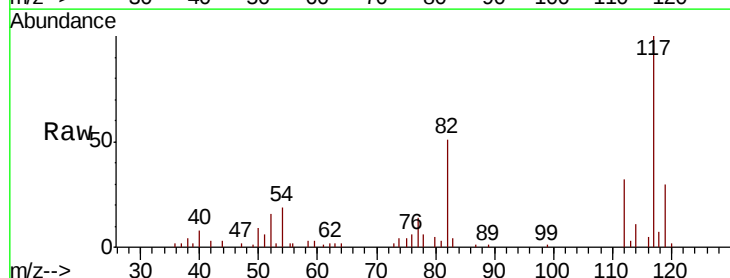
Tgt Ion: 112 Resp: 5149

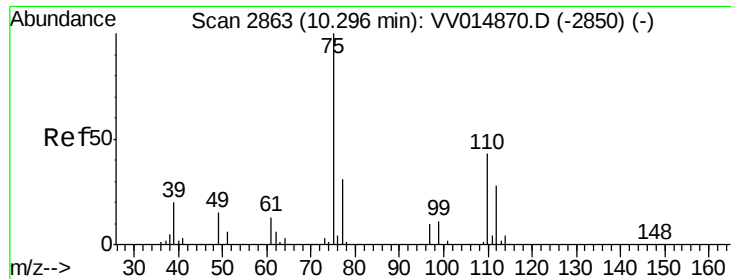
Ion Ratio Lower Upper

112 100

114 36.3 22.1 41.1

77 45.4 47.8 71.8#





#59

1,2,3-Trichloropropane

Concen: 4.700 ug/L

RT: 11.27 min Scan# 3165

Delta R.T. 0.97 min

Lab File: VV014892.D

Acq: 13 Mar 2020 01:06

Instrument :

MSVOA_V

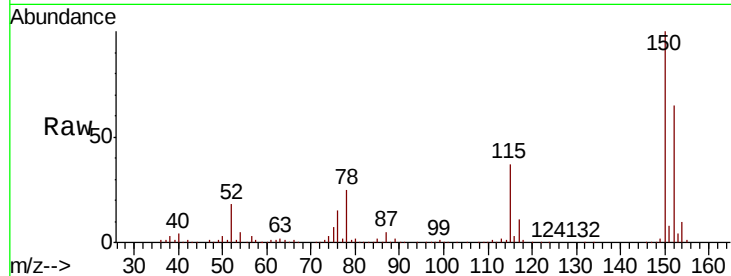
ClientSampleId :

Tot Ion: 75 Resp: 17321

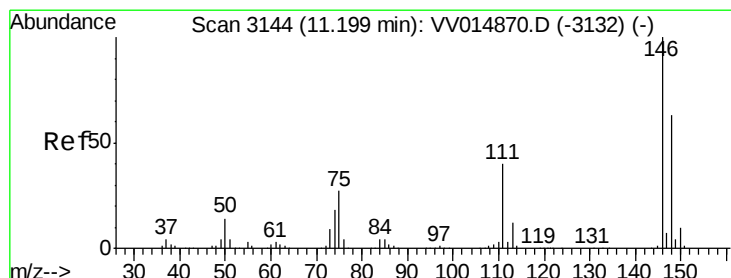
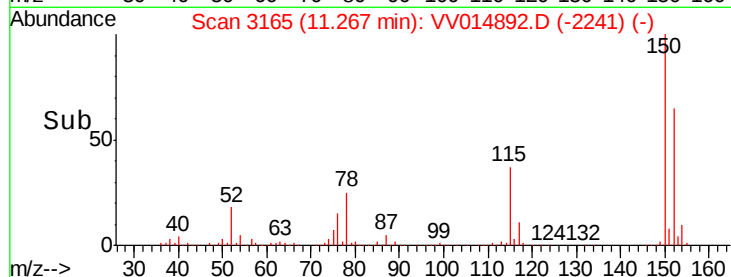
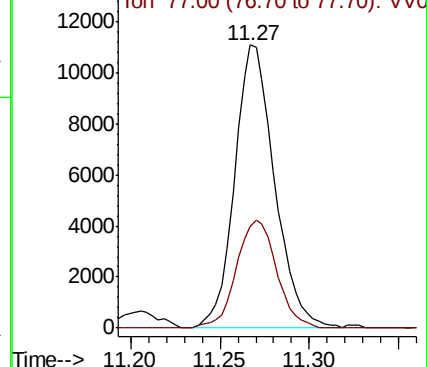
Ion Ratio Lower Upper

75 100

77 38.4 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VV014870.D (-2850) (-)



#62

1,3-Dichlorobenzene

Concen: 0.604 ug/L

RT: 11.21 min Scan# 3146

Delta R.T. 0.01 min

Lab File: VV014892.D

Acq: 13 Mar 2020 01:06

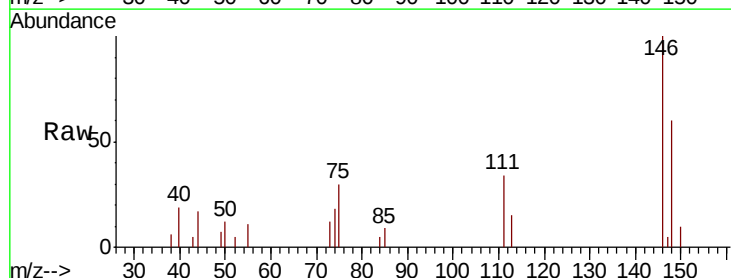
Tgt Ion: 146 Resp: 3406

Ion Ratio Lower Upper

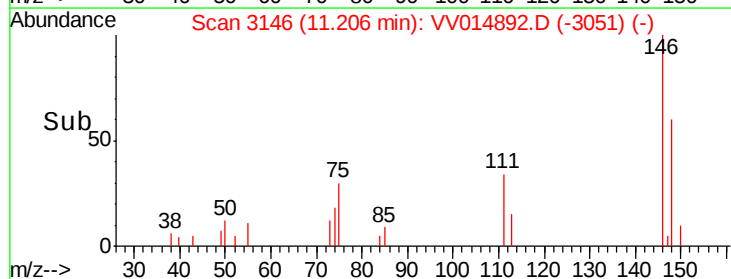
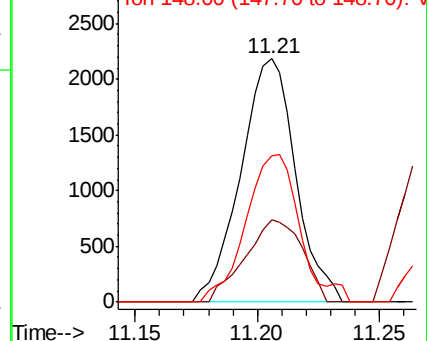
146 100

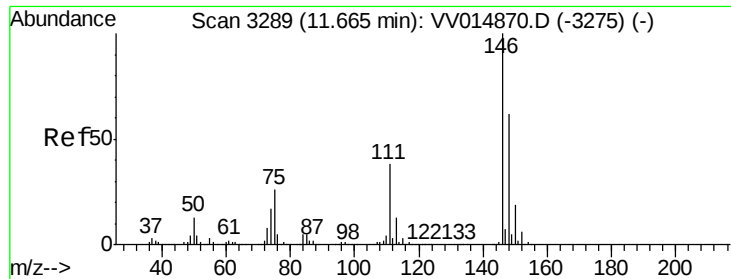
111 34.0 27.2 50.4

148 60.2 44.2 82.2



Abundance Ion 146.00 (145.70 to 146.70): VV014870.D (-3132) (-)

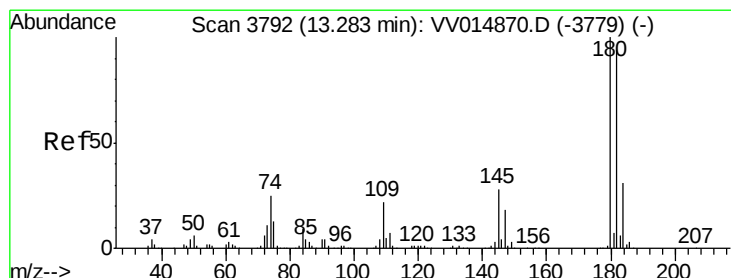
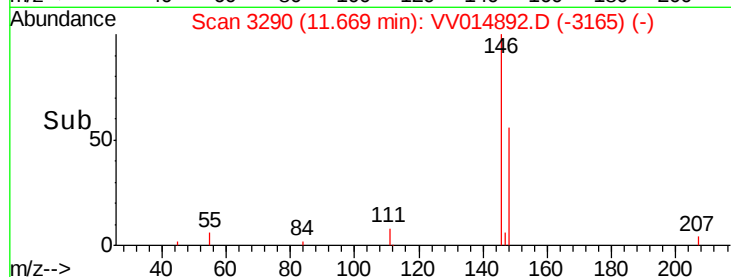
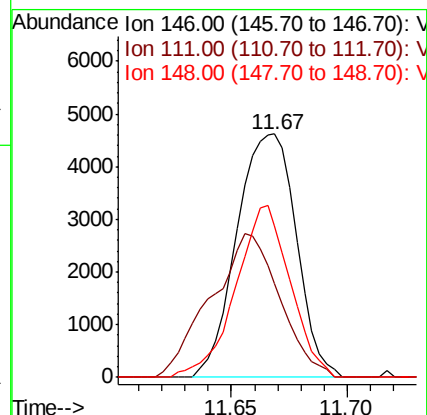
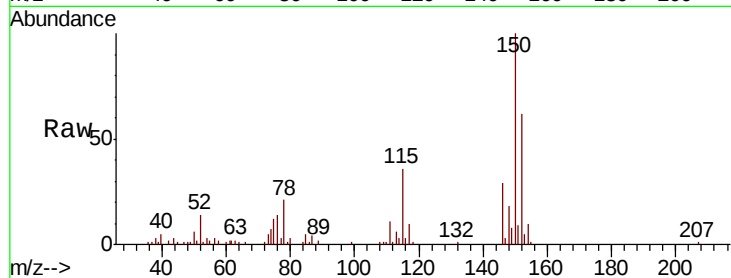




#65
 1,2-Dichlorobenzene
 Concen: 1.464 ug/L
 RT: 11.67 min Scan# 3290
 Delta R.T. 0.00 min
 Lab File: VV014892.D
 Acq: 13 Mar 2020 01:06

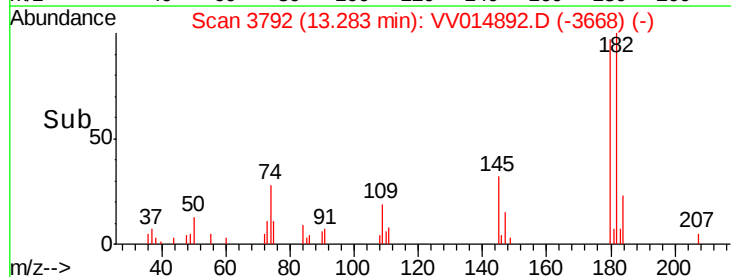
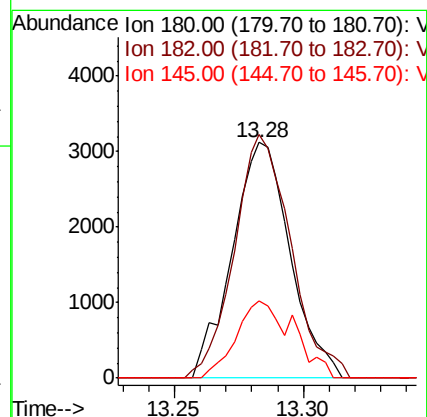
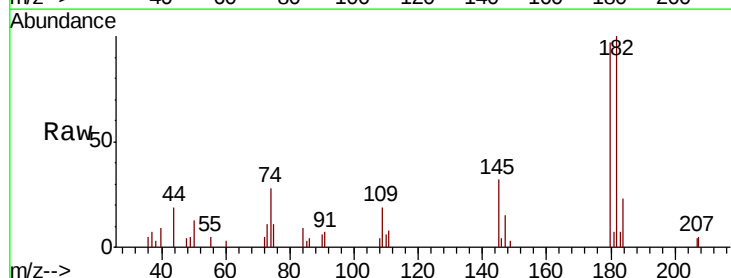
Instrument :
 MSVOA_V
 ClientSampleId :

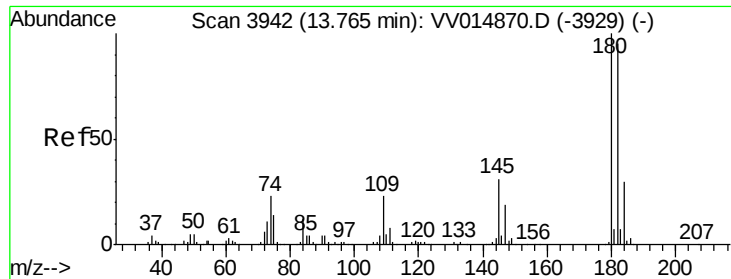
Tot Ion:146 Resp: 8221
 Ion Ratio Lower Upper
 146 100
 111 38.4 33.9 50.9
 148 62.4 51.4 77.0



#68
 1,2,4-trichlorobenzene
 Concen: 1.216 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. 0.00 min
 Lab File: VV014892.D
 Acq: 13 Mar 2020 01:06

Tgt Ion:180 Resp: 4877
 Ion Ratio Lower Upper
 180 100
 182 100.5 76.6 114.8
 145 24.2 23.4 35.0

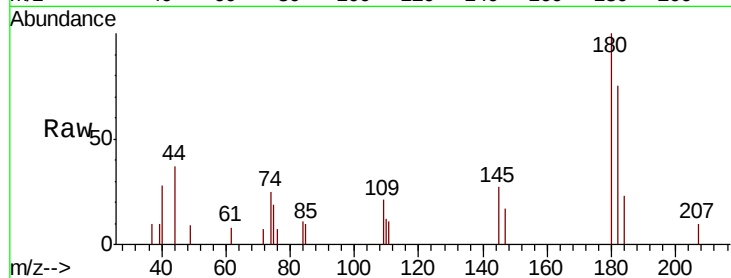




#70
 1,2,3-Trichlorobenzene
 Concen: 0.502 ug/L
 RT: 13.77 min Scan# 3942
 Delta R.T. 0.00 min
 Lab File: VV014892.D
 Acq: 13 Mar 2020 01:06

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	83.4	76.5	114.7
145	30.5	25.0	37.4



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

