

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010419\
 Data File : VV009159.D
 Acq On : 04 Jan 2019 13:03
 Operator : SY/MD
 Sample : IBLK
 Misc : 5.00 G/10ML/MSVOA V/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 IBLK

Quant Time: Jan 05 04:48:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jan 05 04:20:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	192243	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	173225	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	86423	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25502	19.40	ug/L	0.00
7) Chloroethane-d5	1.58	69	30301	23.76	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	65412	14.88	ug/L	0.00
20) 2-Butanone-d5	3.97	46	35369	38.80	ug/L	0.00
24) Chloroform-d	4.40	84	83620	20.66	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	47093	21.75	ug/L	0.00
29) Benzene-d6	5.10	84	168865	21.88	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.12	67	48762	22.04	ug/L	0.00
37) Toluene-d8	7.36	98	153984	21.15	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.67	79	20688	19.70	ug/L	0.00
39) 2-Hexanone-d5	8.15	63	22708	43.48	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	53412	21.96	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.68	152	63319	21.68	ug/L	0.00

Target Compounds

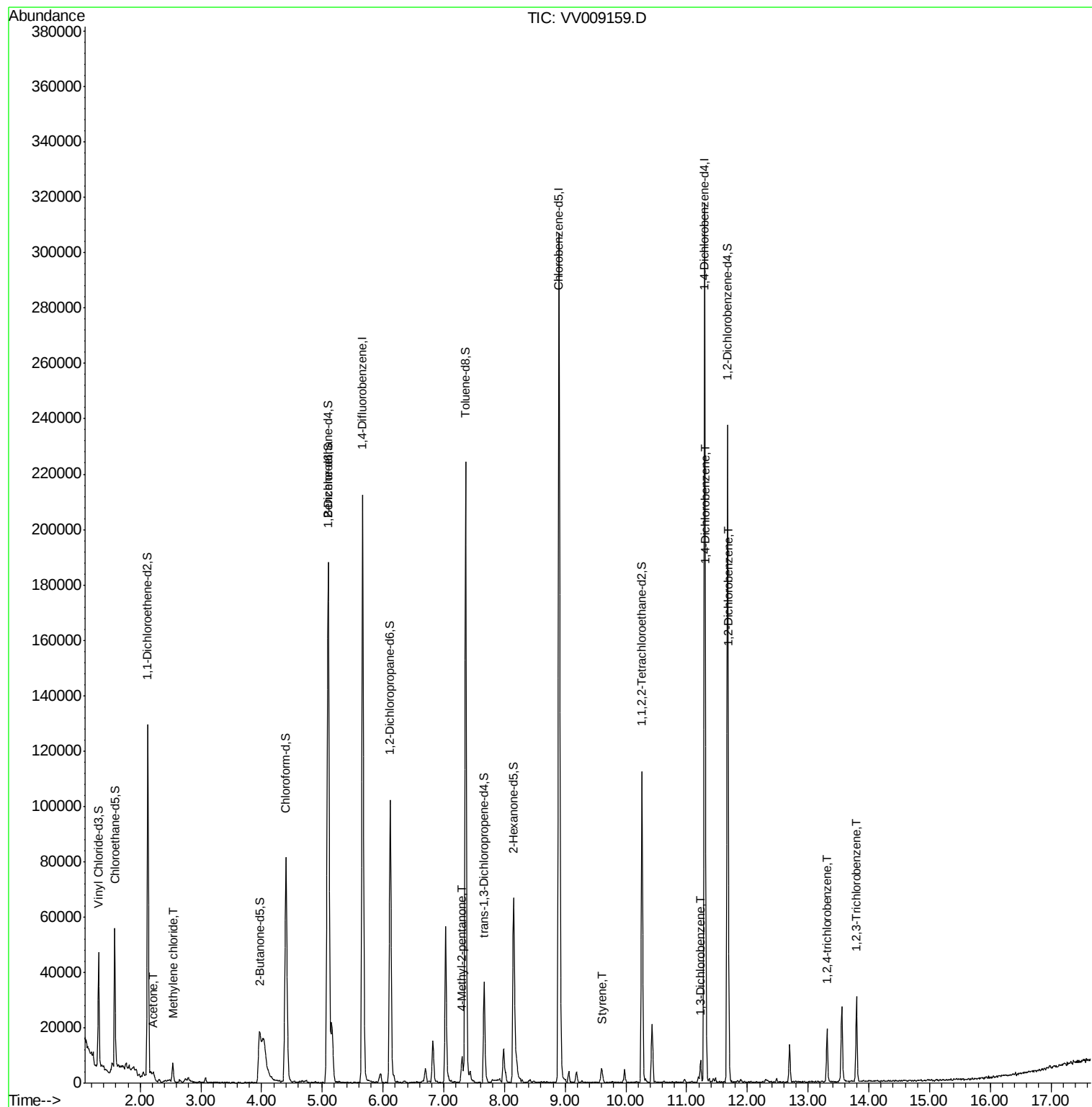
					Qvalue
13) Acetone	2.22	43	4093	3.122 ug/L	99
16) Methylene chloride	2.54	84	2992	1.042 ug/L	84
43) 4-Methyl-2-pentanone	7.29	43	1977	0.924 ug/L #	68
56) Styrene	9.61	104	2172	0.315 ug/L	91
63) 1,3-Dichlorobenzene	11.23	146	3768	0.692 ug/L	97
64) 1,4-Dichlorobenzene	11.32	146	4529	0.798 ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	3750	0.723 ug/L #	89
68) 1,2,4-trichlorobenzene	13.31	180	6472	1.811 ug/L	94
70) 1,2,3-Trichlorobenzene	13.80	180	6840	2.085 ug/L	92

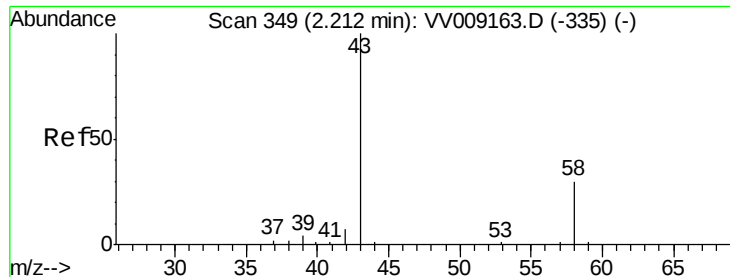
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 3.122 ug/L

RT: 2.22 min Scan# 351

Delta R.T. -0.00 min

Lab File: VV009159.D

Acq: 04 Jan 2019 13:03

Instrument :

MSVOA_V

ClientSampled :

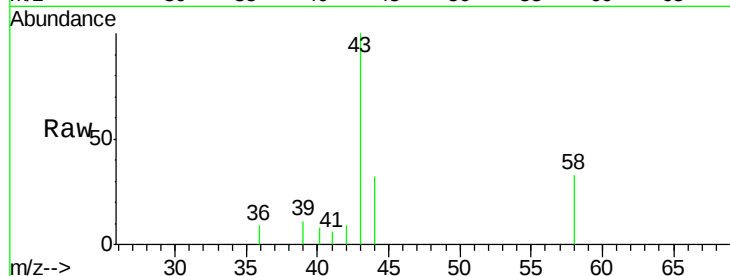
IBLK

Tot Ion: 43 Resp: 4093

Ion Ratio Lower Upper

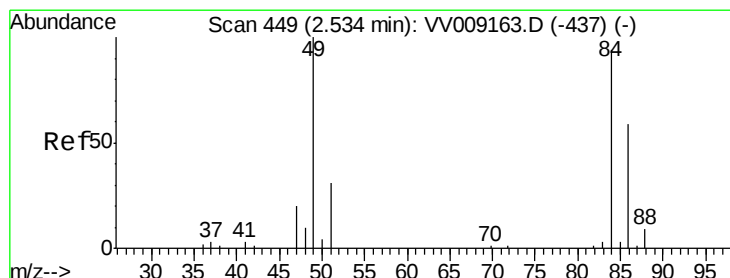
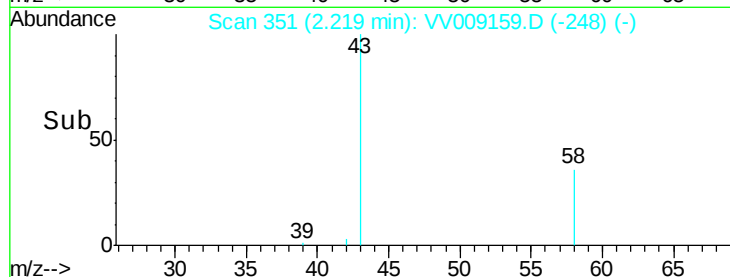
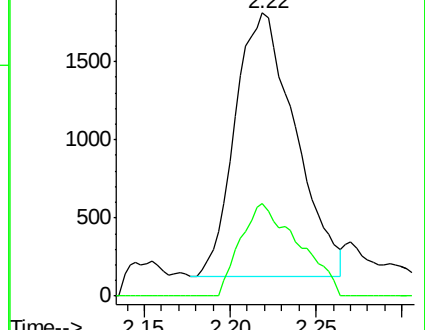
43 100

58 34.1 0.0 67.0



Abundance Ion 43.00 (42.70 to 43.70): VV009163.D (-335) (-)

Ion 58.00 (57.70 to 58.70): VV009163.D (-335) (-)



#16

Methylene chloride

Concen: 1.042 ug/L

RT: 2.54 min Scan# 450

Delta R.T. -0.00 min

Lab File: VV009159.D

Acq: 04 Jan 2019 13:03

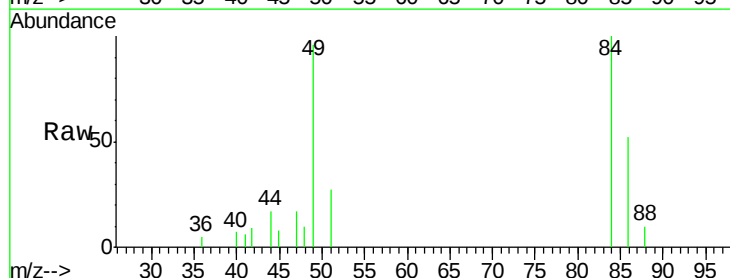
Tgt Ion: 84 Resp: 2992

Ion Ratio Lower Upper

84 100

49 96.1 77.6 144.2

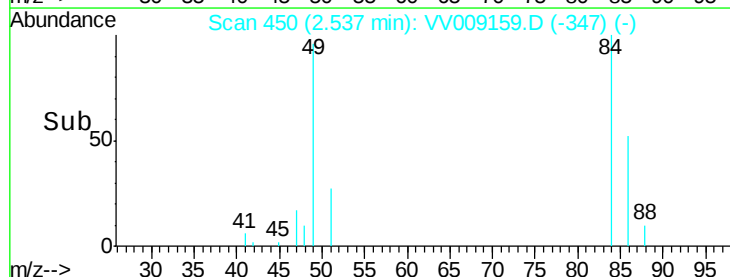
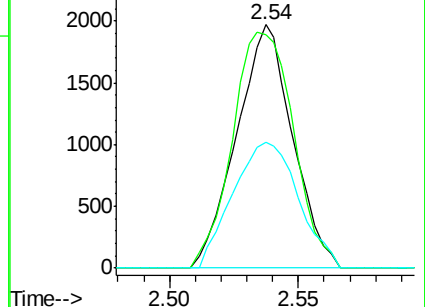
86 51.6 47.4 88.0

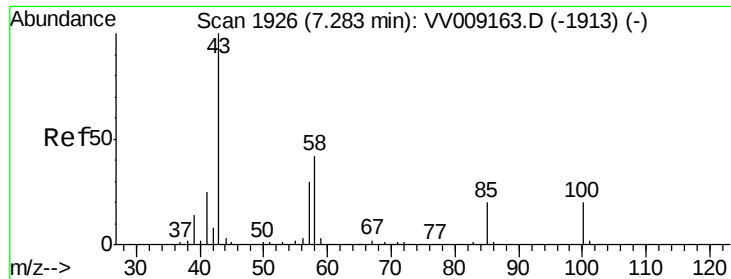


Abundance Ion 84.00 (83.70 to 84.70): VV009163.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV009163.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV009163.D (-437) (-)

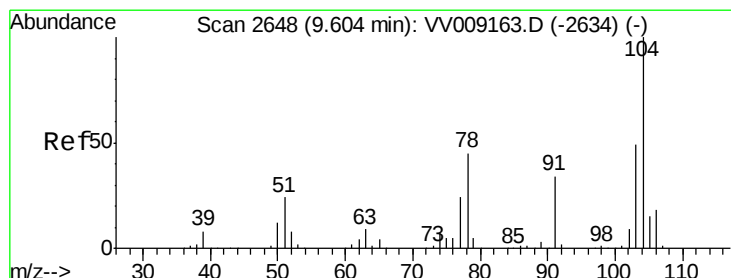
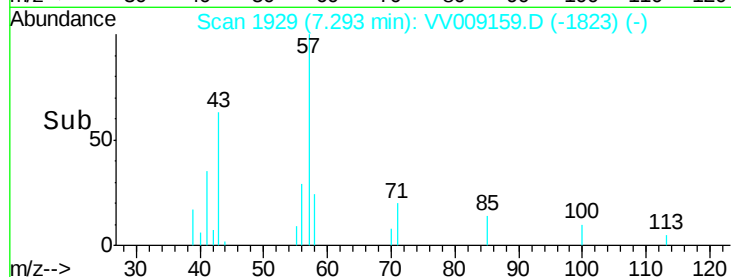
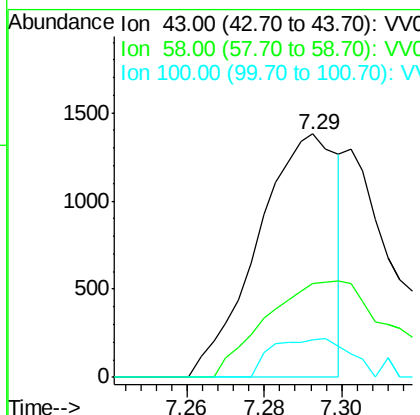
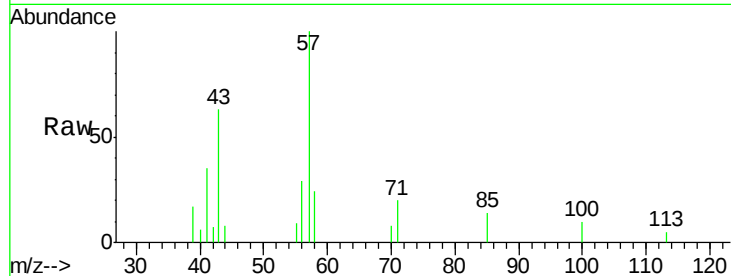




#43
4-Methyl-2-pentanone
Concen: 0.924 ug/L
RT: 7.29 min Scan# 1929
Delta R.T. 0.01 min
Lab File: VV009159.D
Acq: 04 Jan 2019 13:03

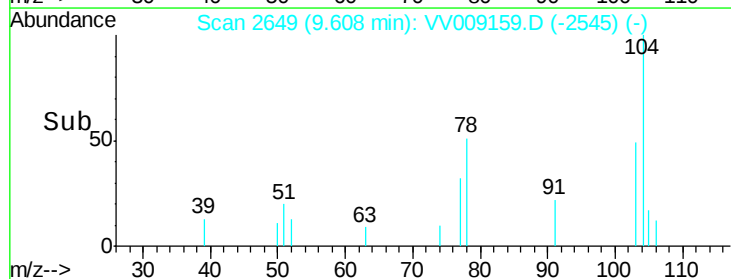
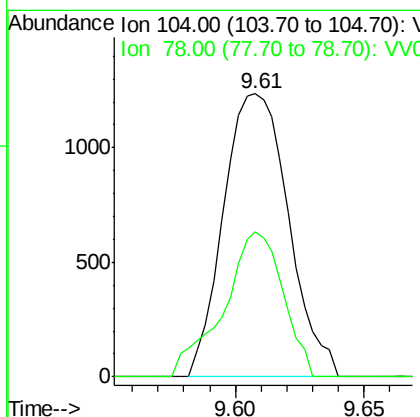
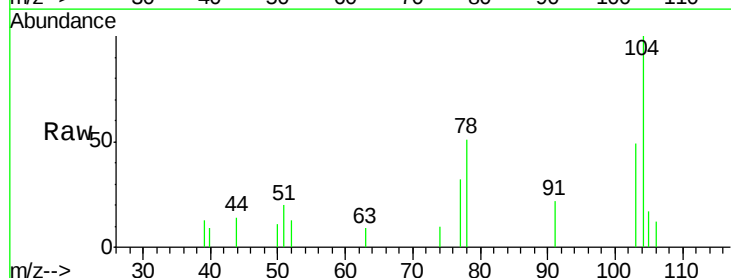
Instrument :
MSVOA_V
ClientSampled :
IBLK

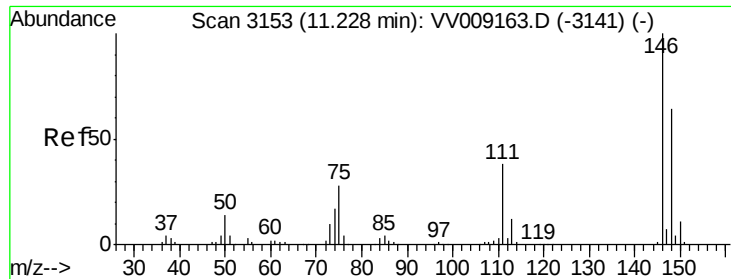
Tot Ion: 43 Resp: 1977
Ion Ratio Lower Upper
43 100
58 63.3 33.4 50.2#
100 7.0 15.2 22.8#



#56
Styrene
Concen: 0.315 ug/L
RT: 9.61 min Scan# 2649
Delta R.T. 0.00 min
Lab File: VV009159.D
Acq: 04 Jan 2019 13:03

Tgt Ion: 104 Resp: 2172
Ion Ratio Lower Upper
104 100
78 51.1 31.6 58.8

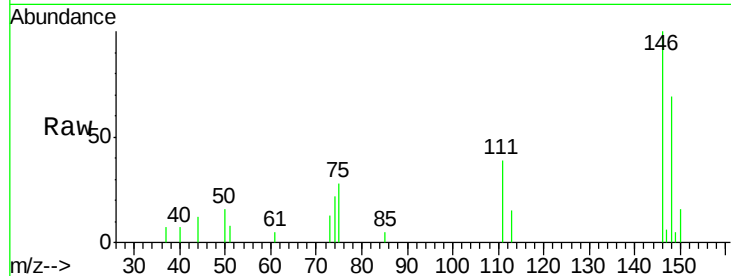




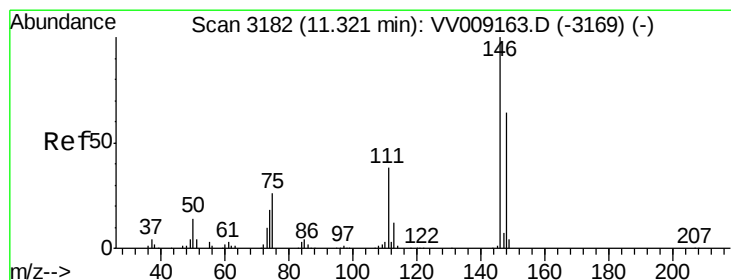
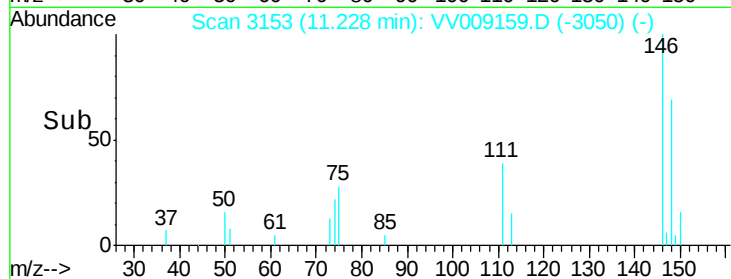
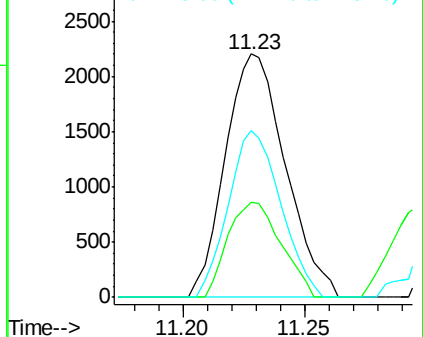
#63
 1,3-Dichlorobenzene
 Concen: 0.692 ug/L
 RT: 11.23 min Scan# 3153
 Delta R.T. -0.00 min
 Lab File: VV009159.D
 Acq: 04 Jan 2019 13:03

Instrument :
 MSVOA_V
 ClientSampleId :
 IBLK

Tot Ion:146 Resp: 3768
 Ion Ratio Lower Upper
 146 100
 111 38.9 28.0 52.0
 148 68.6 45.6 84.8

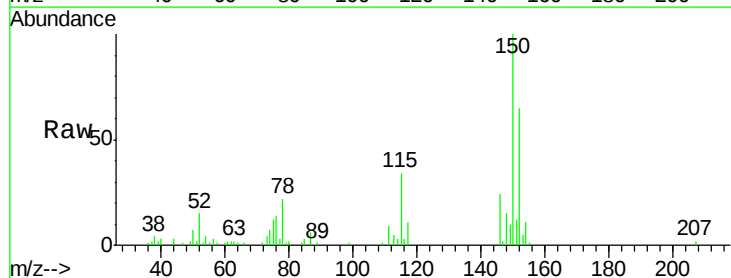


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

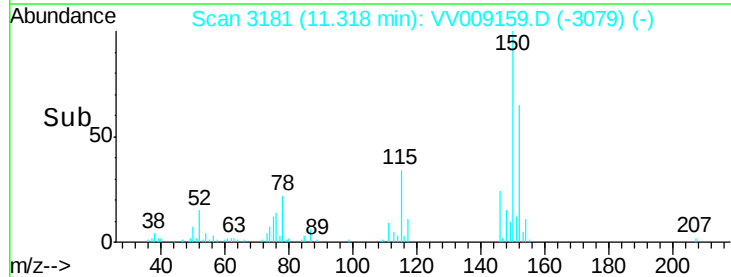
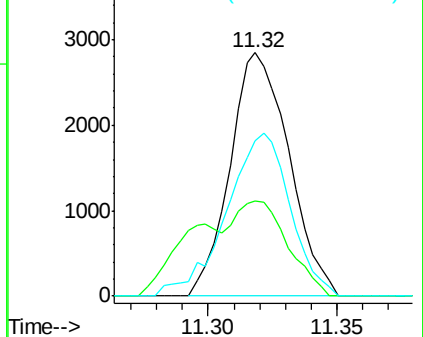


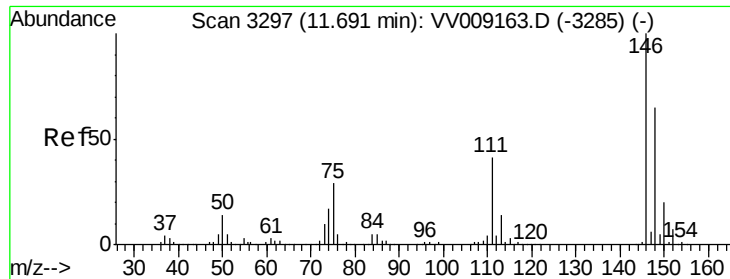
#64
 1,4-Dichlorobenzene
 Concen: 0.798 ug/L
 RT: 11.32 min Scan# 3181
 Delta R.T. -0.00 min
 Lab File: VV009159.D
 Acq: 04 Jan 2019 13:03

Tgt Ion:146 Resp: 4529
 Ion Ratio Lower Upper
 146 100
 111 39.2 26.0 48.4
 148 63.9 43.4 80.6



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





#65

1,2-Dichlorobenzene

Concen: 0.723 ug/L

RT: 11.69 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VV009159.D

Acq: 04 Jan 2019 13:03

Instrument :

MSVOA_V

ClientSampleId :

IBLK

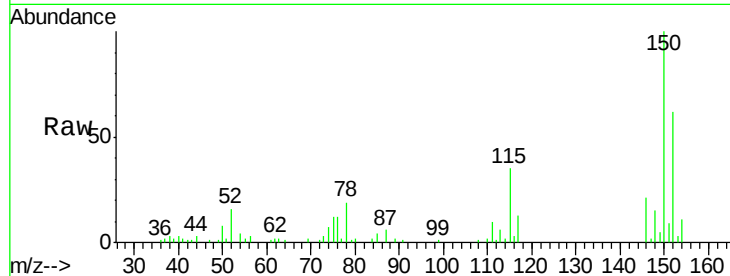
Tot Ion:146 Resp: 3750

Ion Ratio Lower Upper

146 100

111 49.3 32.2 48.4#

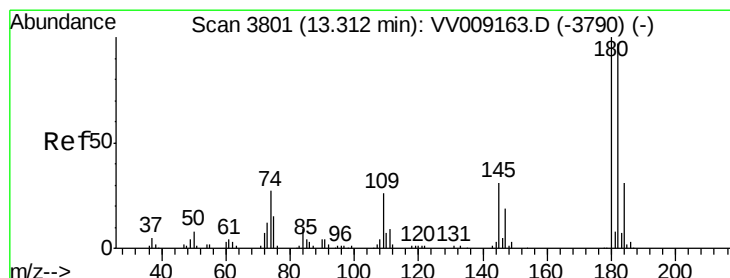
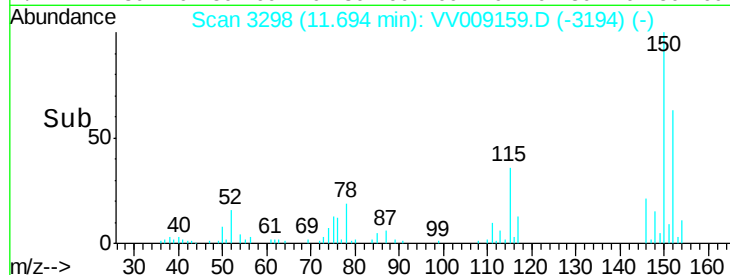
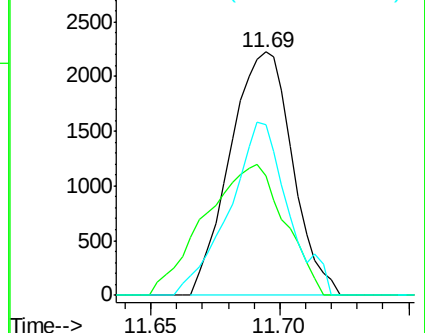
148 70.1 50.4 75.6



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



#68

1,2,4-trichlorobenzene

Concen: 1.811 ug/L

RT: 13.31 min Scan# 3801

Delta R.T. -0.00 min

Lab File: VV009159.D

Acq: 04 Jan 2019 13:03

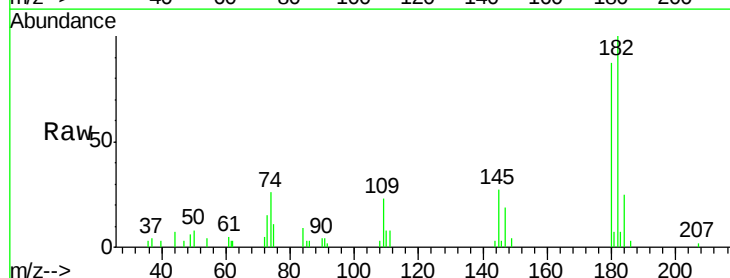
Tgt Ion:180 Resp: 6472

Ion Ratio Lower Upper

180 100

182 102.1 76.2 114.4

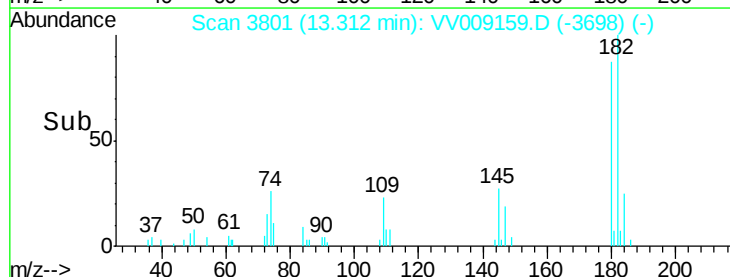
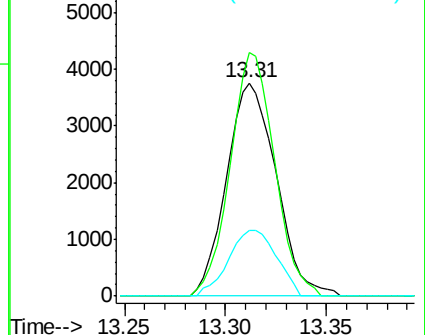
145 29.8 25.4 38.0

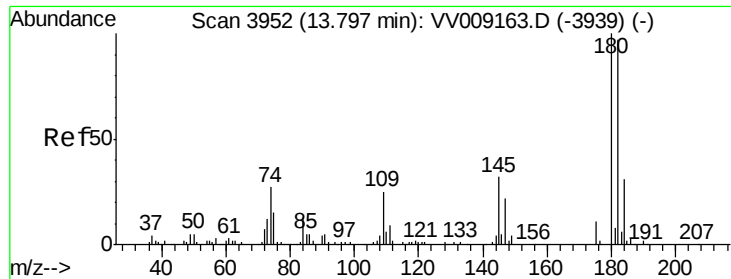


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

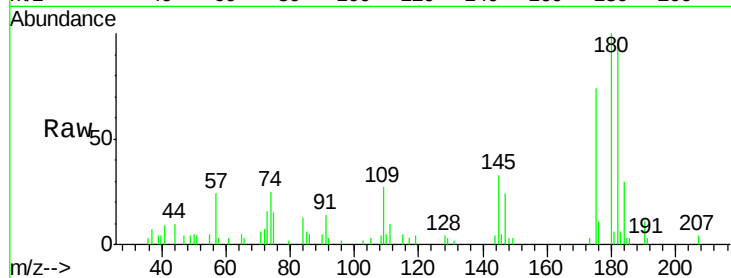




#70
 1,2,3-Trichlorobenzene
 Concen: 2.085 ug/L
 RT: 13.80 min Scan# 3952
 Delta R.T. -0.00 min
 Lab File: VV009159.D
 Acq: 04 Jan 2019 13:03

Instrument :
 MSVOA_V
 ClientSampleId :
 IBLK

Tot Ion	Ratio	Lower	Upper
180	100		
182	101.2	74.4	111.6
145	36.7	25.7	38.5



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

