

Data File : VV009596.D
Acq On : 11 Mar 2019 15:50
Operator : SY/MD
Sample : K1818-21
Misc : 6.03G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0S1

Quant Time: Mar 12 04:14:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 12 04:11:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	122111	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	120479	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	52306	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25758	17.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.08%
7) Chloroethane-d5	1.57	69	28998	13.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.56%
10) 1,1-Dichloroethene-d2	2.13	63	61416	16.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.24%
20) 2-Butanone-d5	3.93	46	26323	52.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.10%
24) Chloroform-d	4.40	84	64541	22.19	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.76%
26) 1,2-Dichloroethane-d4	5.08	65	45964	27.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.12%
29) Benzene-d6	5.10	84	141373	23.69	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.76%
33) 1,2-Dichloropropane-d6	6.12	67	45990	26.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.48%
37) Toluene-d8	7.36	98	135501	23.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.16%
38) trans-1,3-Dichloropropene-	7.66	79	19101	22.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.52%
39) 2-Hexanone-d5	8.13	63	20178	49.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.20%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	46970	25.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.12%
61) 1,2-Dichlorobenzene-d4	11.68	152	49913	26.14	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.56%

Target Compounds

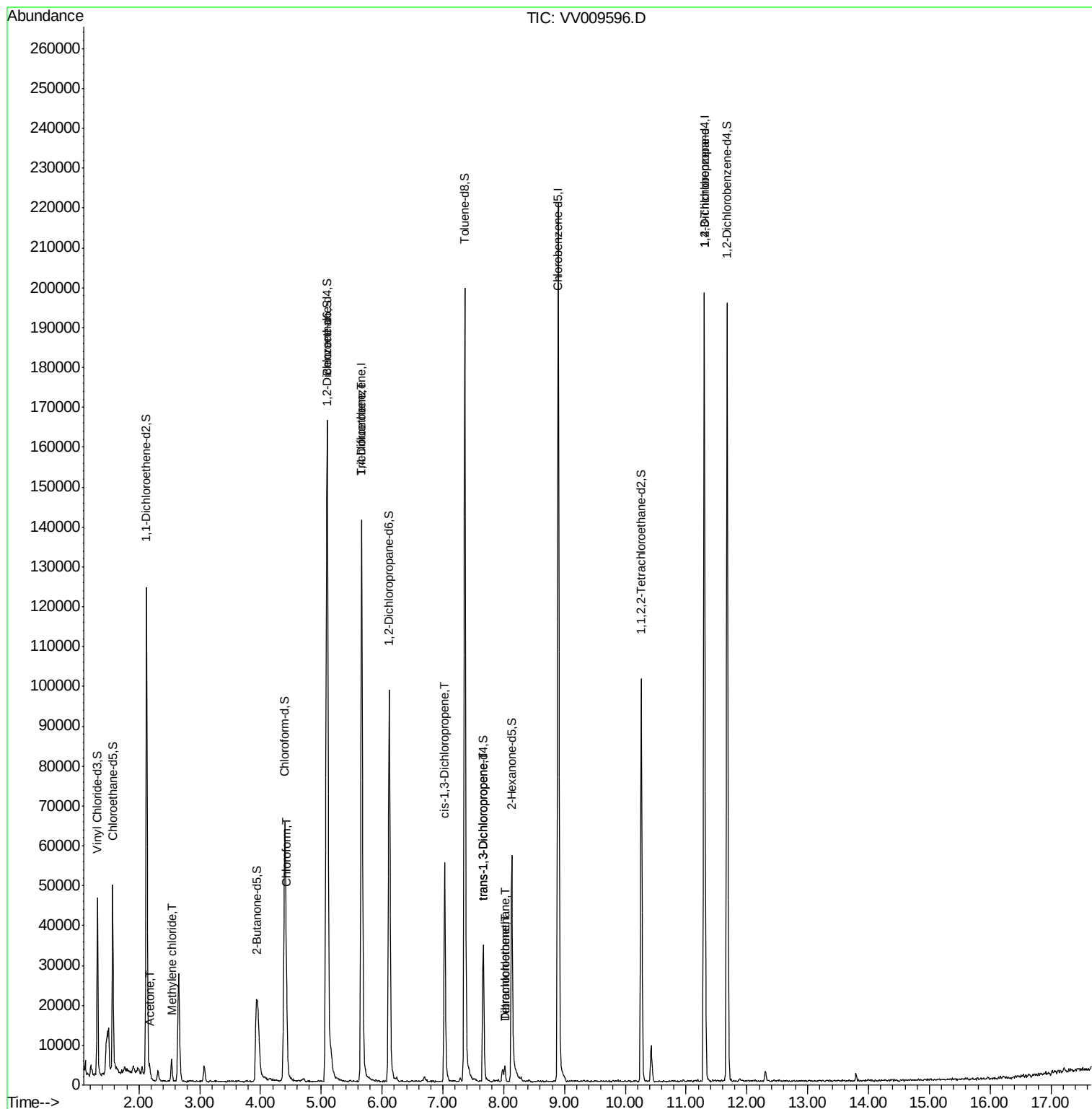
					Qvalue
13) Acetone	2.19	43	1487	2.920 ug/L	81
16) Methylene chloride	2.53	84	2424	1.513 ug/L	93
25) Chloroform	4.43	83	10811	3.770 ug/L	99
35) Trichloroethene	5.67	95	3662	2.047 ug/L #	6
42) cis-1,3-Dichloropropene	7.03	75	1635	0.656 ug/L #	64
45) trans-1,3-Dichloropropene	7.67	75	1093	0.502 ug/L	94
47) Tetrachloroethene	8.02	164	722	0.532 ug/L	94
50) Dibromochloromethane	8.02	129	739	0.458 ug/L #	11
59) 1,2,3-Trichloropropane	11.30	75	7035	5.183 ug/L #	82

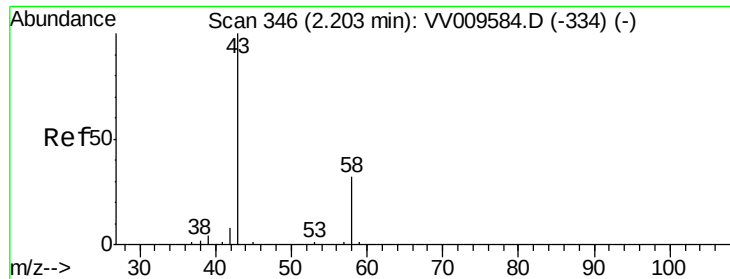
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.920 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.01 min

Lab File: VV009596.D

Acq: 11 Mar 2019 15:50

Instrument :

MSVOA_V

ClientSampleId :

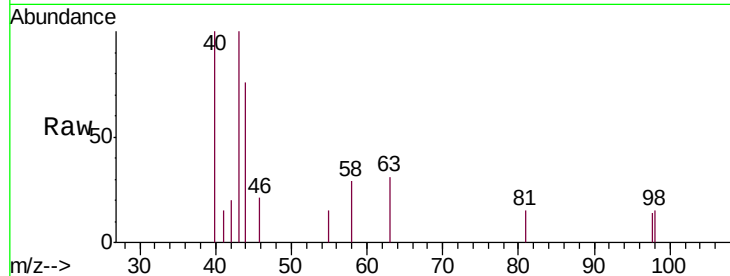
BF0S1

Tgt Ion: 43 Resp: 1487

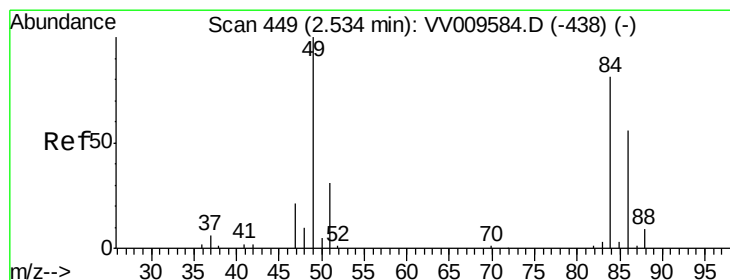
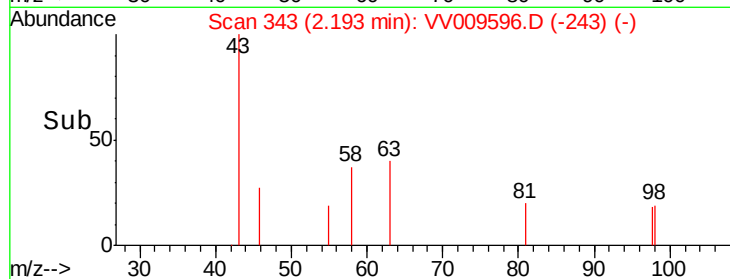
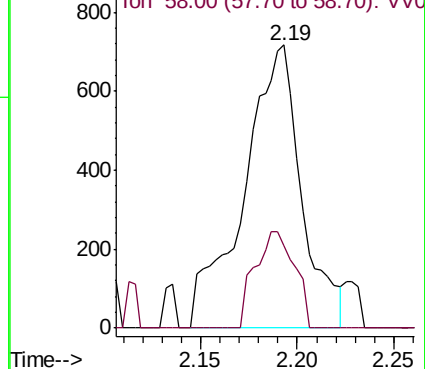
Ion Ratio Lower Upper

43 100

58 23.2 0.0 68.8



Abundance Ion 43.00 (42.70 to 43.70): VV009584.D (-334) (-)



#16

Methylene chloride

Concen: 1.513 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV009596.D

Acq: 11 Mar 2019 15:50

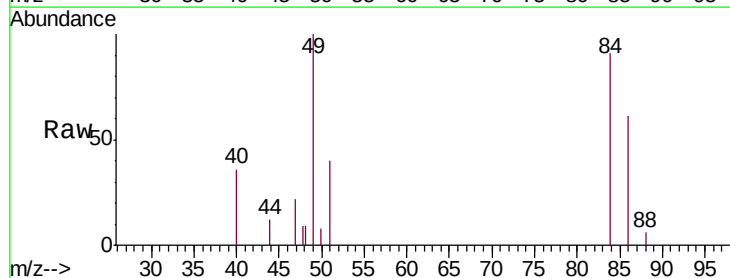
Tgt Ion: 84 Resp: 2424

Ion Ratio Lower Upper

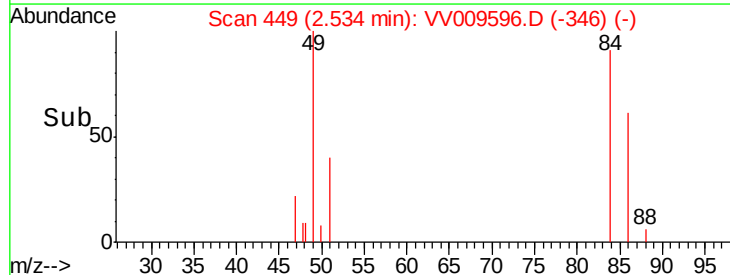
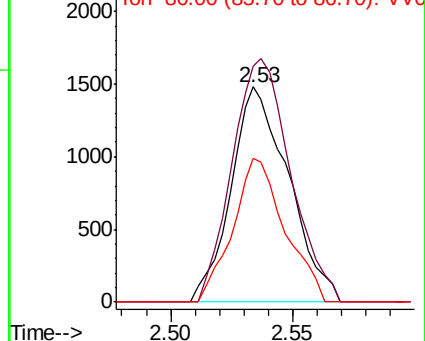
84 100

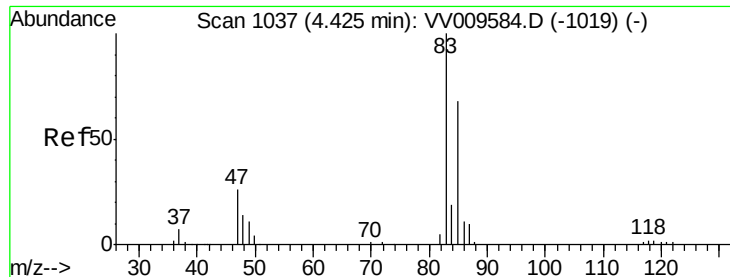
49 109.5 84.6 157.0

86 66.6 46.1 85.7



Abundance Ion 84.00 (83.70 to 84.70): VV009584.D (-438) (-)

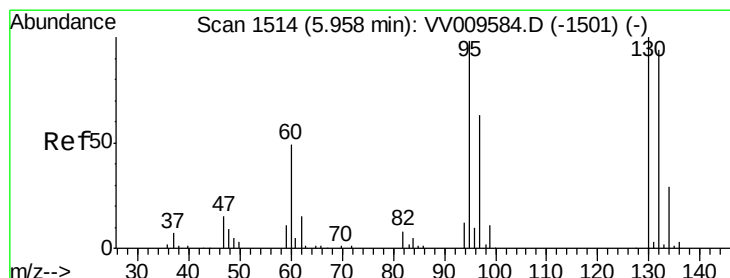
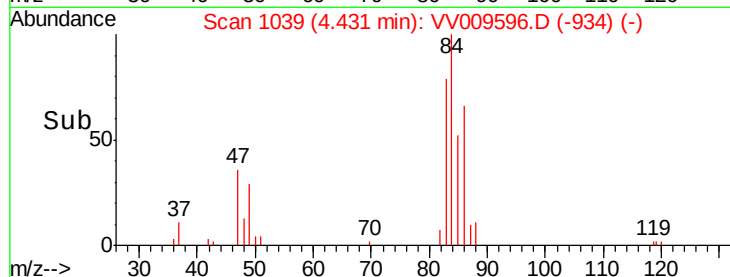
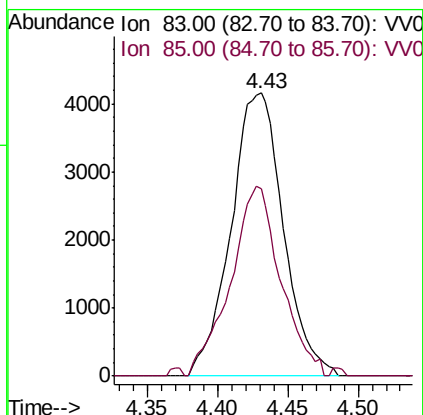
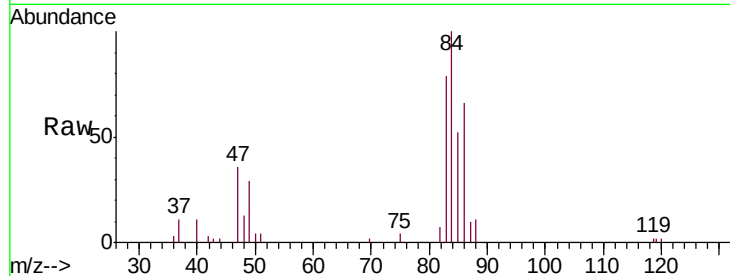




#25
Chloroform
Concen: 3.770 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV009596.D
Acq: 11 Mar 2019 15:50

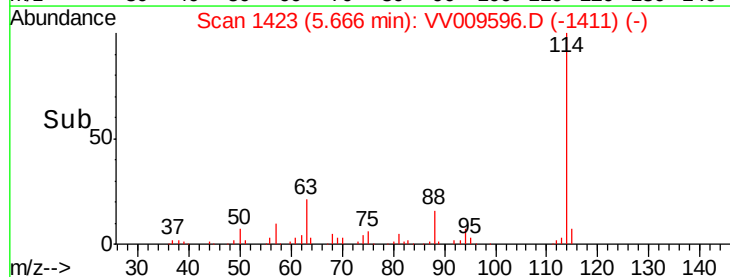
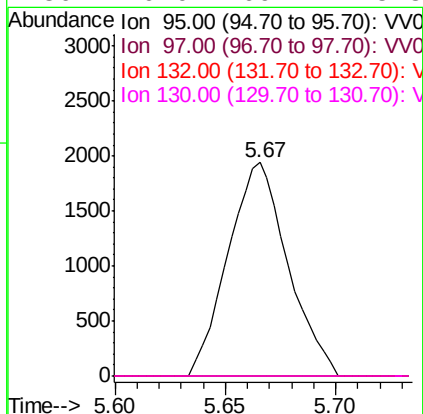
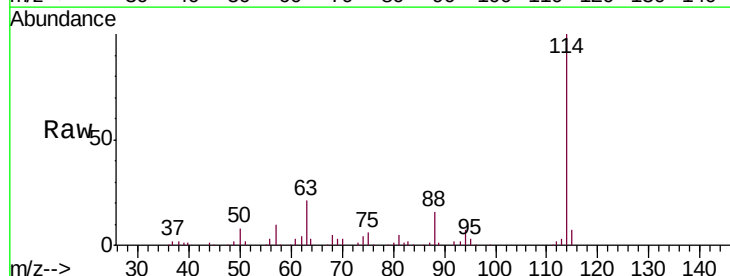
Instrument :
MSVOA_V
ClientSampleId :
BF0S1

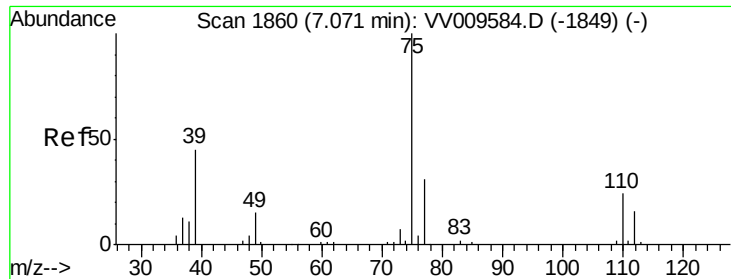
Tgt Ion: 83 Resp: 10811
Ion Ratio Lower Upper
83 100
85 64.2 45.4 84.2



#35
Trichloroethene
Concen: 2.047 ug/L
RT: 5.67 min Scan# 1423
Delta R.T. -0.29 min
Lab File: VV009596.D
Acq: 11 Mar 2019 15:50

Tgt Ion: 95 Resp: 3662
Ion Ratio Lower Upper
95 100
97 0.0 44.3 82.3#
132 0.0 64.4 119.6#
130 0.0 69.4 128.8#



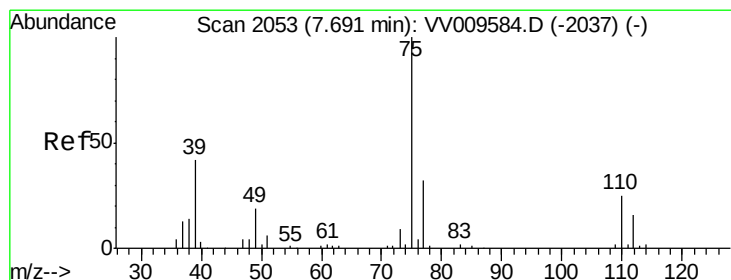
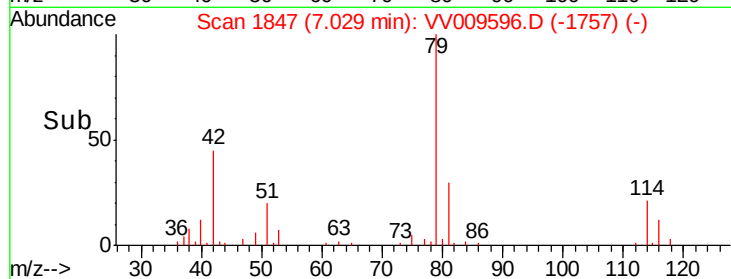
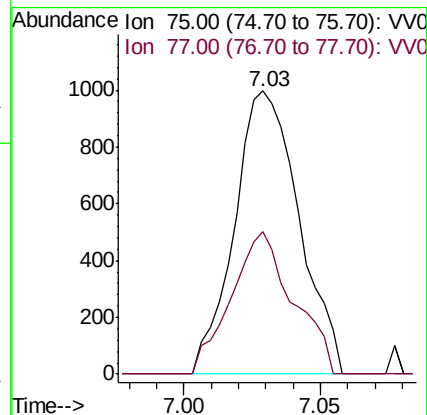
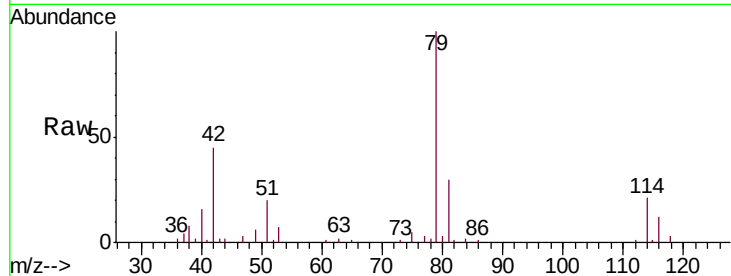


#42

cis-1,3-Dichloropropene
Concen: 0.656 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009596.D
Acq: 11 Mar 2019 15:50

Instrument :
MSVOA_V
ClientSampled :
BF0S1

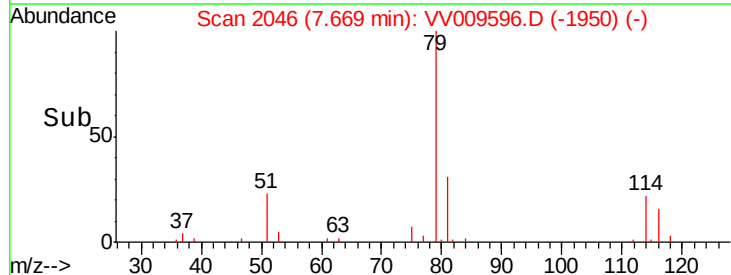
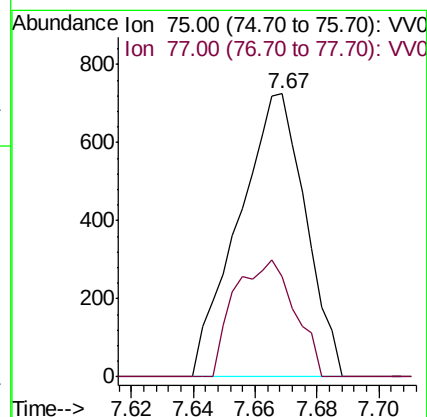
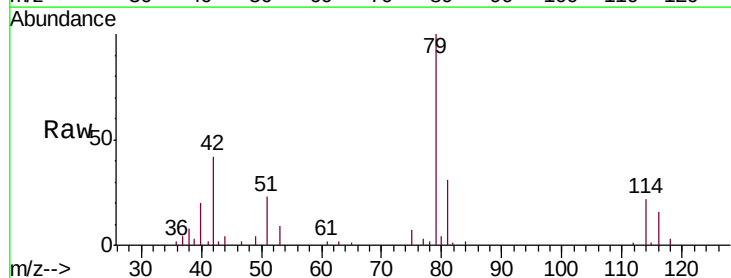
Tgt Ion: 75 Resp: 1635
Ion Ratio Lower Upper
75 100
77 50.4 21.4 39.8#

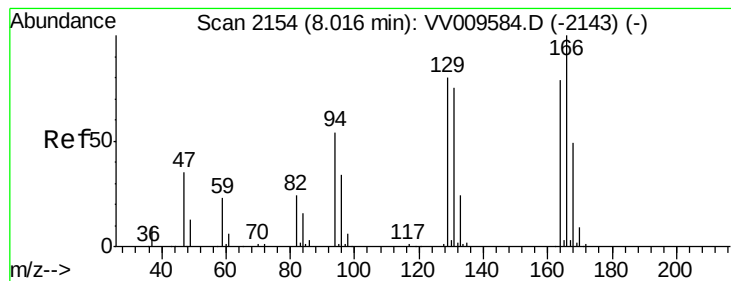


#45

trans-1,3-Dichloropropene
Concen: 0.502 ug/L
RT: 7.67 min Scan# 2046
Delta R.T. -0.02 min
Lab File: VV009596.D
Acq: 11 Mar 2019 15:50

Tgt Ion: 75 Resp: 1093
Ion Ratio Lower Upper
75 100
77 35.3 22.5 41.7





#47

Tetrachloroethene

Concen: 0.532 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.01 min

Lab File: VV009596.D

Acq: 11 Mar 2019 15:50

Instrument :

MSVOA_V

ClientSampleId :

BF0S1

Tgt Ion:164 Resp: 722

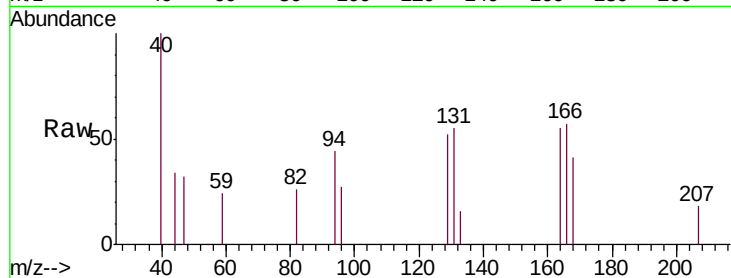
Ion Ratio Lower Upper

164 100

129 93.8 67.7 125.7

131 98.6 67.5 125.3

166 102.5 81.6 151.6

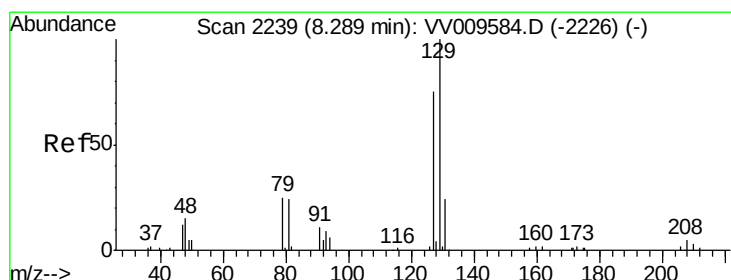
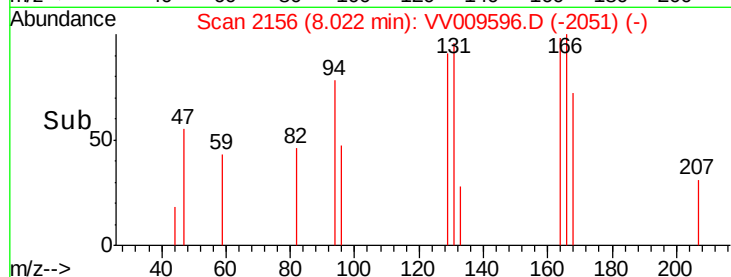
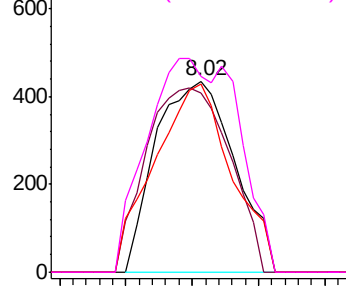


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#50

Dibromochloromethane

Concen: 0.458 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.27 min

Lab File: VV009596.D

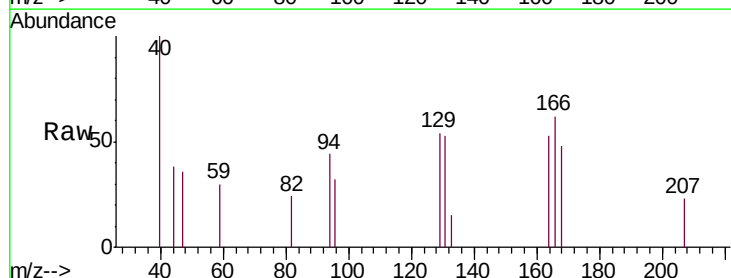
Acq: 11 Mar 2019 15:50

Tgt Ion:129 Resp: 739

Ion Ratio Lower Upper

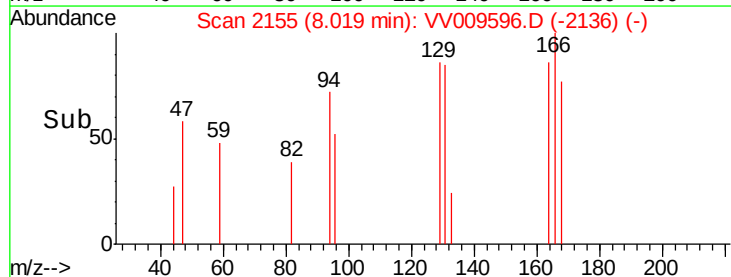
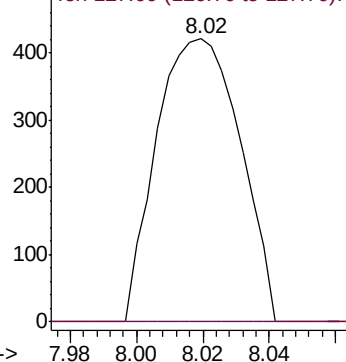
129 100

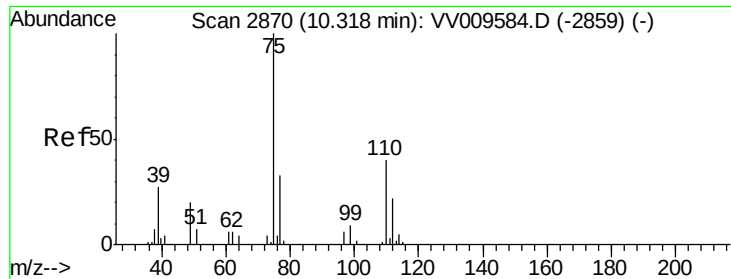
127 0.0 53.7 99.7#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#59

1,2,3-Trichloropropane

Concen: 5.183 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV009596.D

Acq: 11 Mar 2019 15:50

Instrument :

MSVOA_V

ClientSampleId :

BF0S1

Tgt Ion: 75 Resp: 7035

Ion Ratio Lower Upper

75 100

77 42.5 25.9 38.9#

