

Data File : VV009670.D
Acq On : 14 Mar 2019 17:12
Operator : SY/MD
Sample : K1885-07
Misc : 5.28G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF191

Quant Time: Mar 15 04:34:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 04:30:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	132566	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	129034	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	55925	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41881	24.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.84%
7) Chloroethane-d5	1.56	69	42776	20.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.80%
10) 1,1-Dichloroethene-d2	2.13	63	88717	19.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.44%
20) 2-Butanone-d5	3.93	46	25999	58.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.12%
24) Chloroform-d	4.40	84	80435	23.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.08	65	54074	28.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.12%
29) Benzene-d6	5.10	84	181487	26.81	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.24%
33) 1,2-Dichloropropane-d6	6.12	67	53664	27.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.52%
37) Toluene-d8	7.36	98	171478	26.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.72%
38) trans-1,3-Dichloropropene-	7.66	79	23003	25.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.24%
39) 2-Hexanone-d5	8.13	63	20247	55.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.20%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	50631	27.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.16%
61) 1,2-Dichlorobenzene-d4	11.68	152	57223	26.42	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.68%

Target Compounds

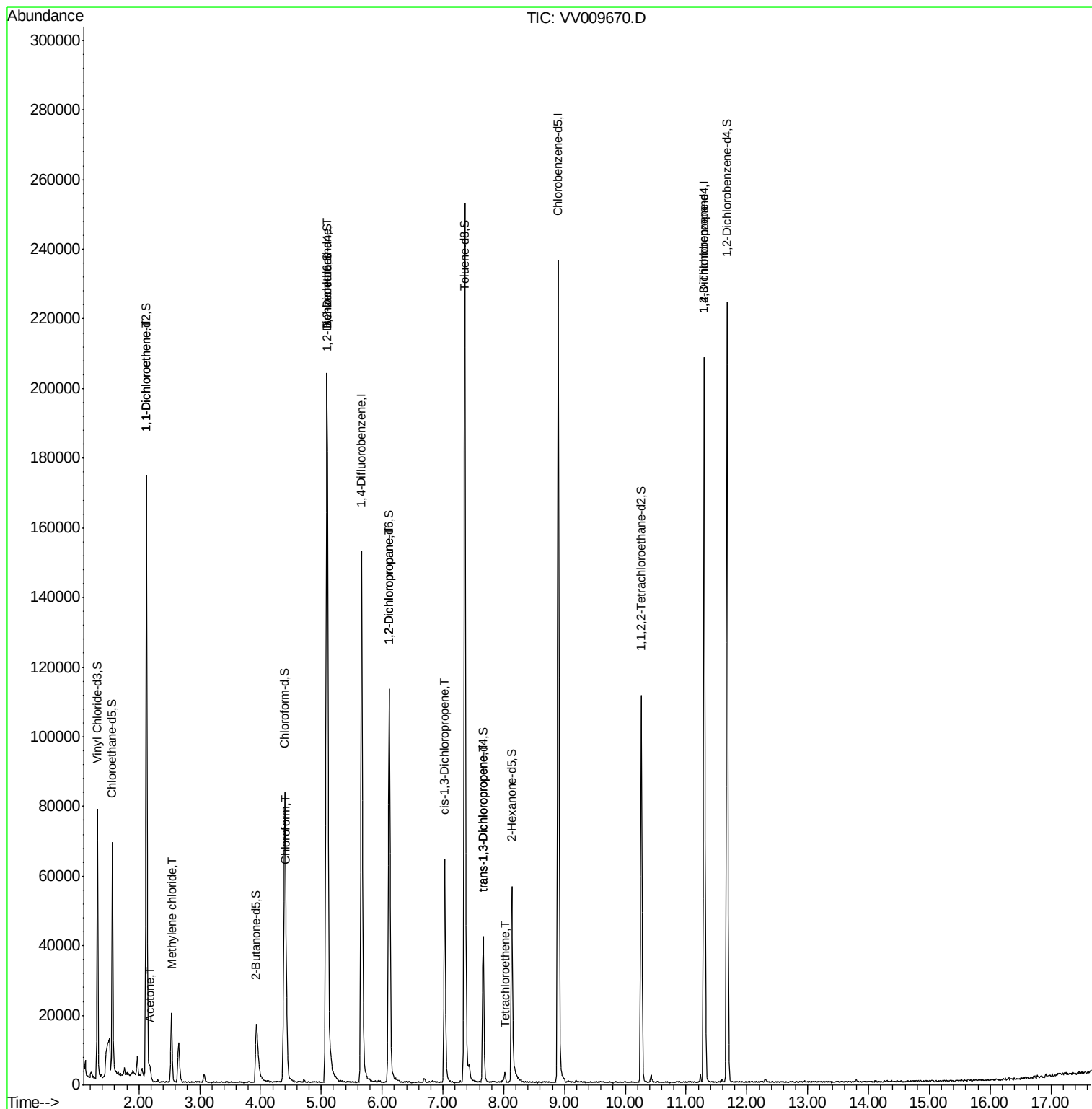
					Qvalue
12) 1,1-Dichloroethene	2.13	96	928	0.467 ug/L #	1
13) Acetone	2.19	43	1658	3.098 ug/L	95
16) Methylene chloride	2.53	84	7839	4.062 ug/L	91
25) Chloroform	4.43	83	9863	2.863 ug/L	89
27) 1,2-Dichloroethane	5.10	62	952	0.400 ug/L #	75
40) 1,2-Dichloropropane	6.12	63	6416	3.610 ug/L #	88
42) cis-1,3-Dichloropropene	7.03	75	1918	0.711 ug/L #	70
45) trans-1,3-Dichloropropene	7.66	75	1183	0.508 ug/L	88
47) Tetrachloroethene	8.02	164	564	0.352 ug/L #	70
59) 1,2,3-Trichloropropane	11.30	75	7716	5.582 ug/L #	78

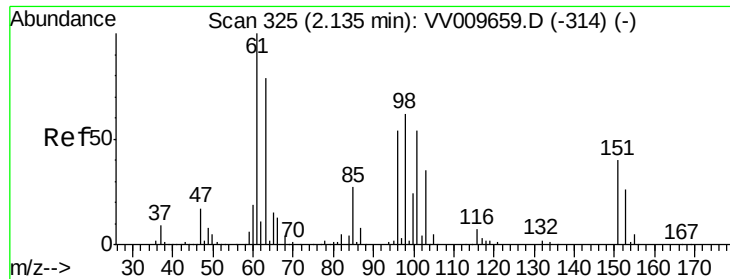
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV009670.D
Acq On : 14 Mar 2019 17:12
Operator : SY/MD
Sample : K1885-07
Misc : 5.28G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF191

Quant Time: Mar 15 04:34:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 04:30:02 2019
Response via : Initial Calibration

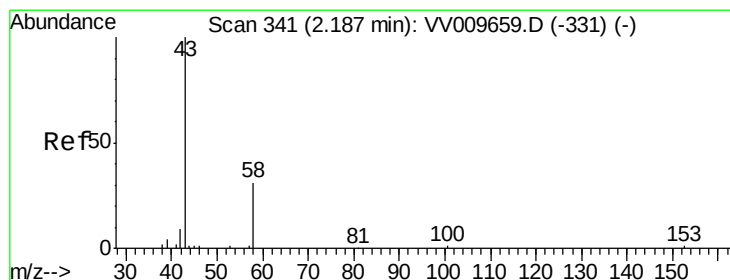
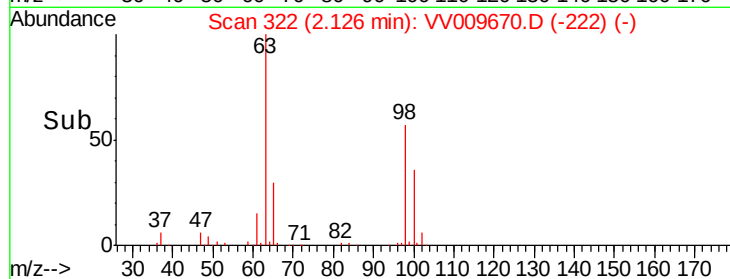
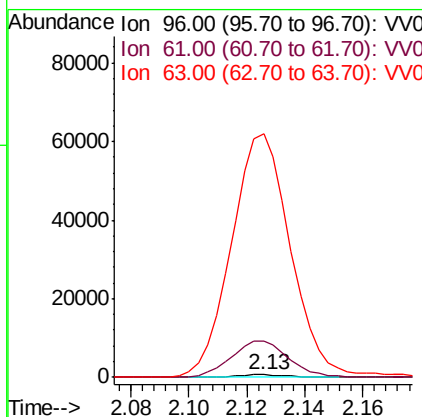
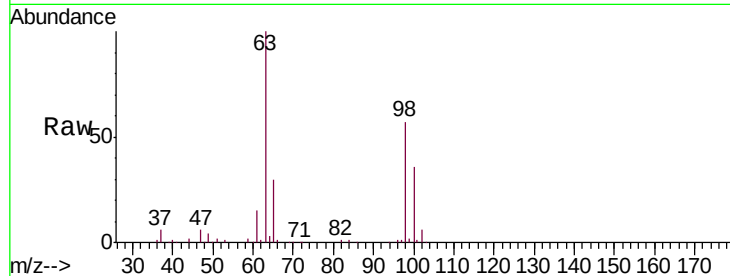




#12
 1,1-Dichloroethene
 Concen: 0.467 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.01 min
 Lab File: VV009670.D
 Acq: 14 Mar 2019 17:12

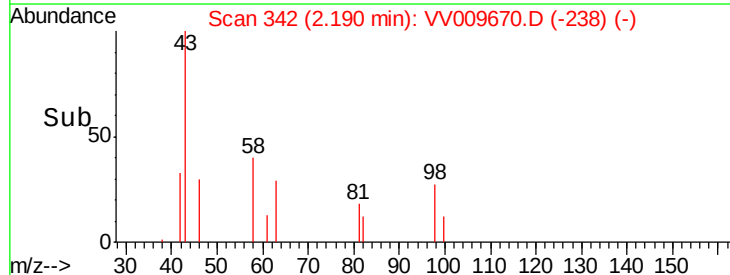
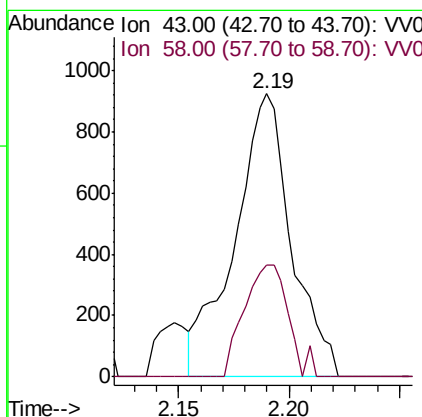
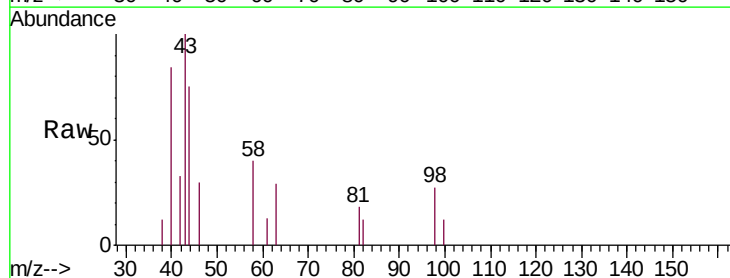
Instrument :
 MSVOA_V
 ClientSampleId :
 BF191

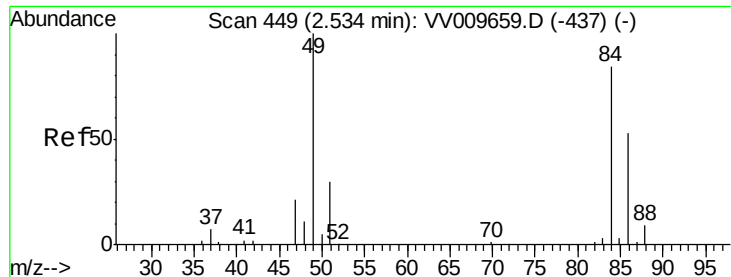
Tgt Ion: 96 Resp: 928
 Ion Ratio Lower Upper
 96 100
 61 1427.1 128.4 238.5#
 63 9432.0 100.7 186.9#



#13
 Acetone
 Concen: 3.098 ug/L
 RT: 2.19 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VV009670.D
 Acq: 14 Mar 2019 17:12

Tgt Ion: 43 Resp: 1658
 Ion Ratio Lower Upper
 43 100
 58 29.7 0.0 64.8

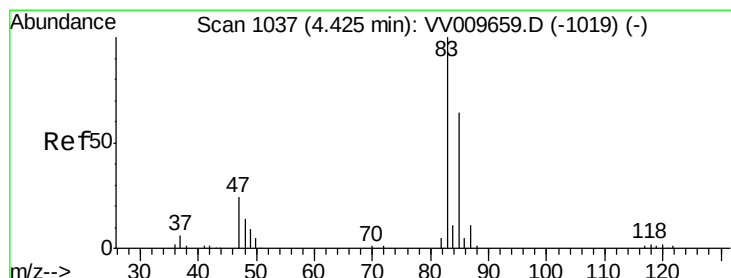
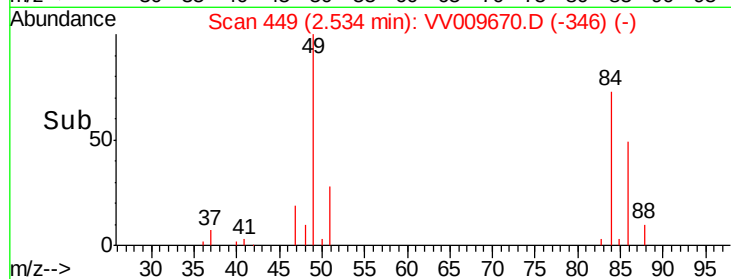
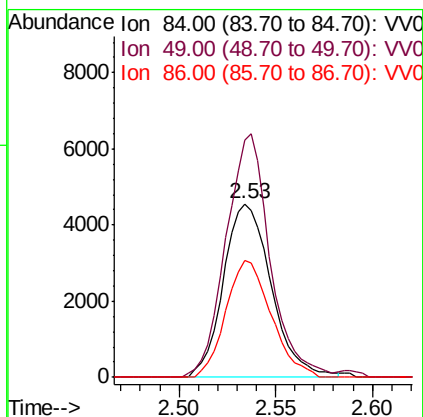
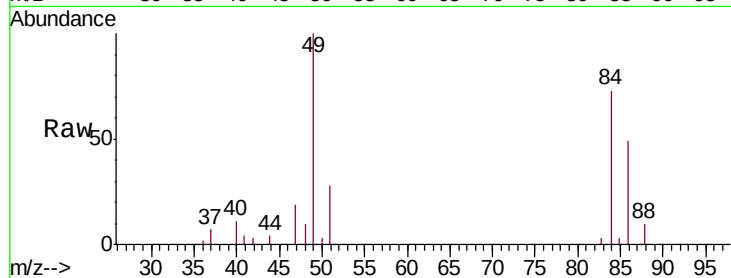




#16
Methylene chloride
Concen: 4.062 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV009670.D
Acq: 14 Mar 2019 17:12

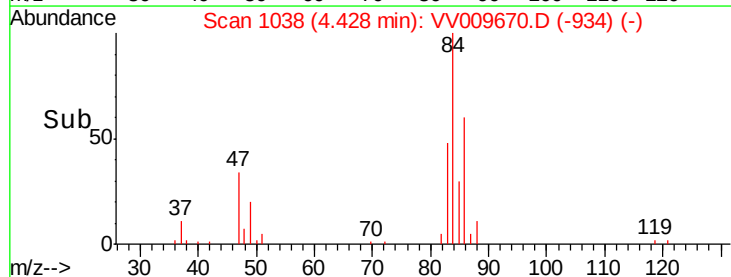
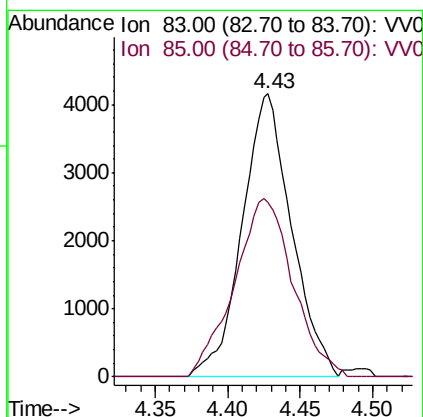
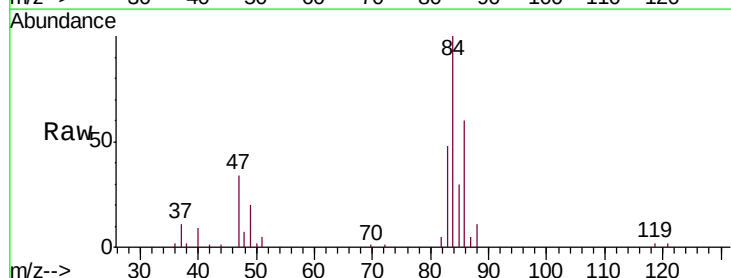
Instrument :
MSVOA_V
ClientSampled :
BF191

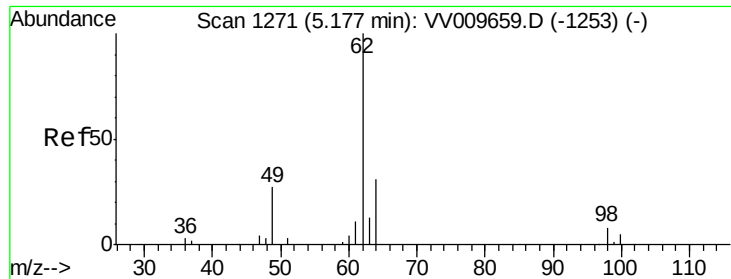
Tgt Ion: 84 Resp: 7839
Ion Ratio Lower Upper
84 100
49 136.9 86.1 159.9
86 67.3 45.2 84.0



#25
Chloroform
Concen: 2.863 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV009670.D
Acq: 14 Mar 2019 17:12

Tgt Ion: 83 Resp: 9863
Ion Ratio Lower Upper
83 100
85 74.8 46.4 86.2

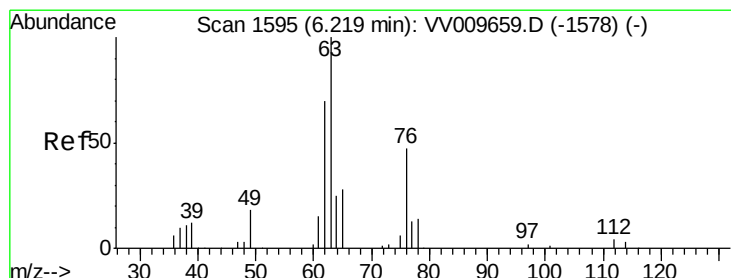
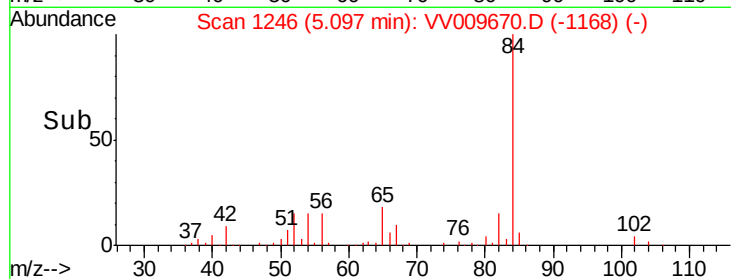
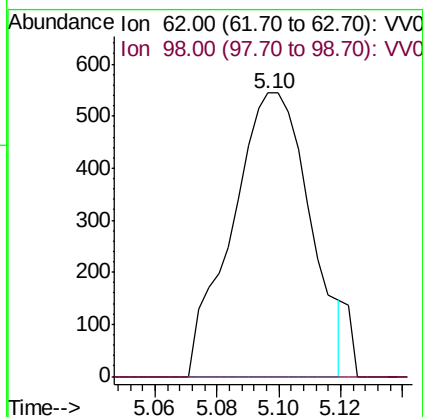
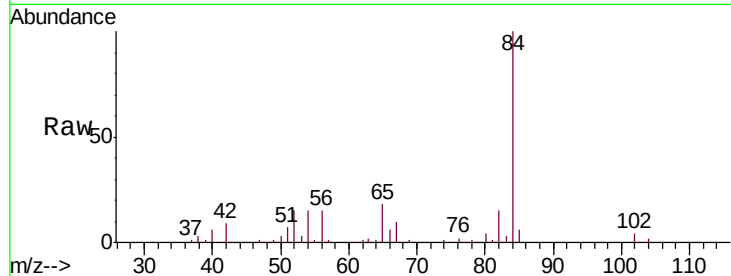




#27
 1,2-Dichloroethane
 Concen: 0.400 ug/L
 RT: 5.10 min Scan# 1246
 Delta R.T. -0.08 min
 Lab File: VV009670.D
 Acq: 14 Mar 2019 17:12

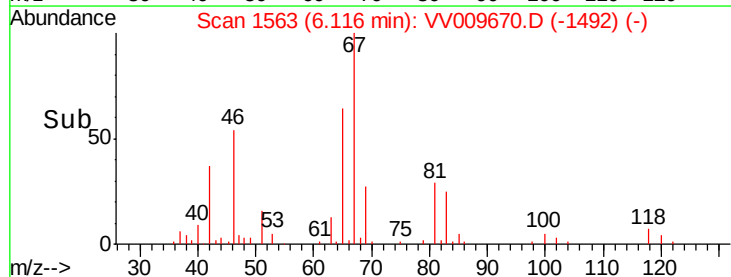
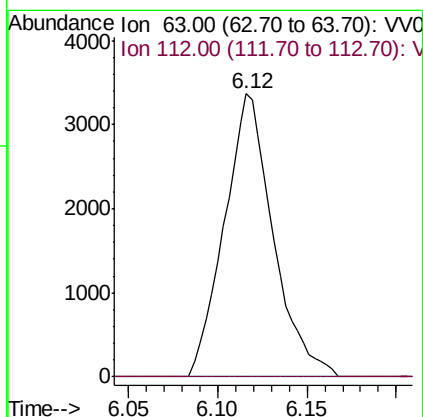
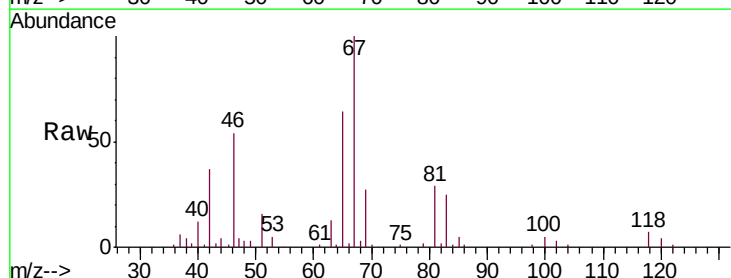
Instrument :
 MSVOA_V
 ClientSampleId :
 BF191

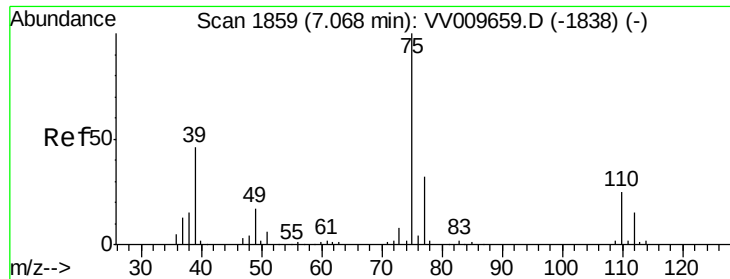
Tgt Ion: 62 Resp: 952
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.2 10.8#



#40
 1,2-Dichloropropane
 Concen: 3.610 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV009670.D
 Acq: 14 Mar 2019 17:12

Tgt Ion: 63 Resp: 6416
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



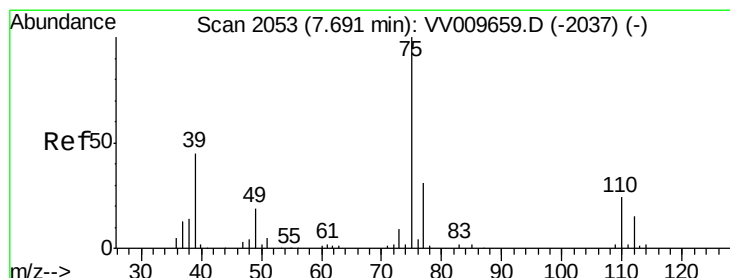
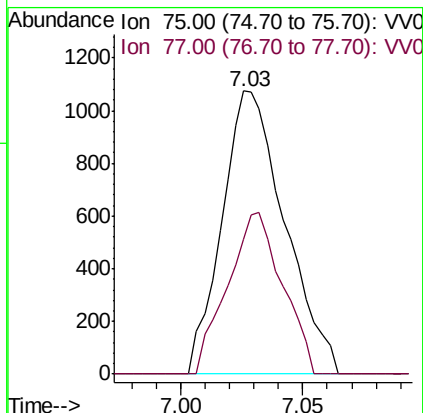
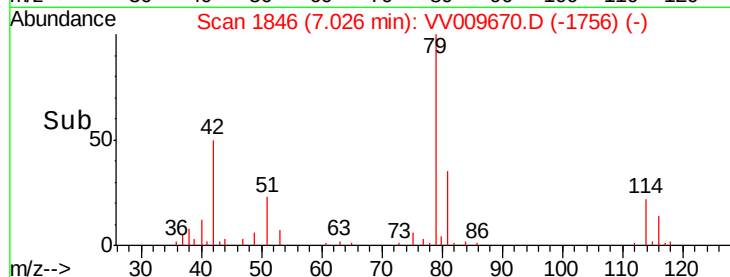
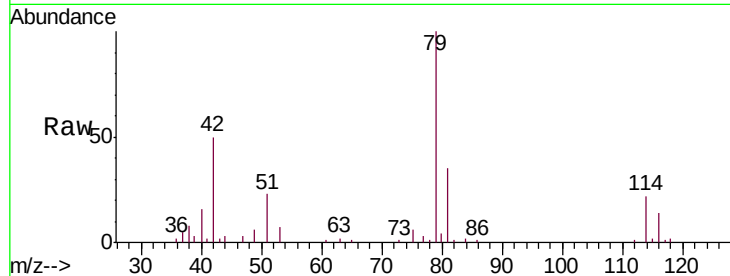


#42

cis-1,3-Dichloropropene
Concen: 0.711 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV009670.D
Acq: 14 Mar 2019 17:12

Instrument :
MSVOA_V
ClientSampled :
BF191

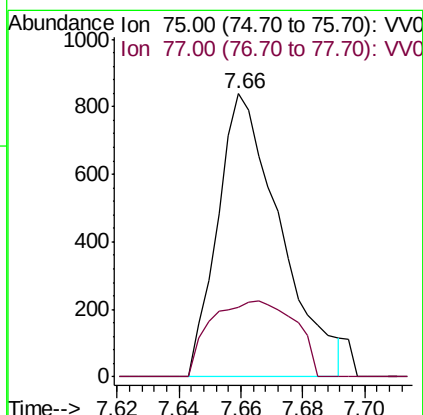
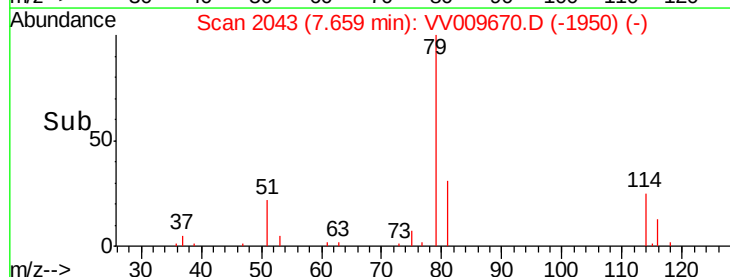
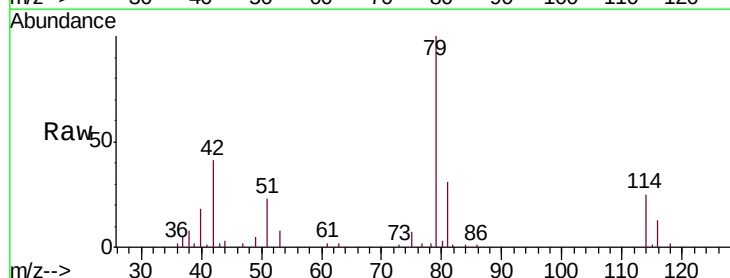
Tgt Ion: 75 Resp: 1918
Ion Ratio Lower Upper
75 100
77 47.9 22.0 40.8#

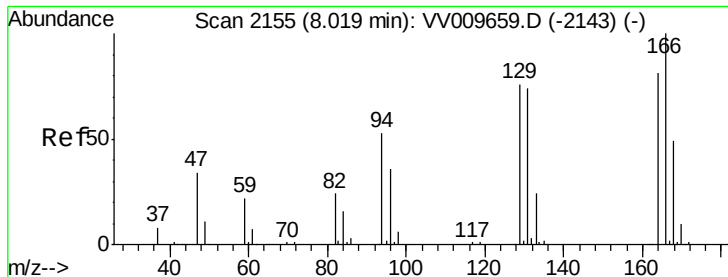


#45

trans-1,3-Dichloropropene
Concen: 0.508 ug/L
RT: 7.66 min Scan# 2043
Delta R.T. -0.03 min
Lab File: VV009670.D
Acq: 14 Mar 2019 17:12

Tgt Ion: 75 Resp: 1183
Ion Ratio Lower Upper
75 100
77 24.8 22.0 40.8





#47

Tetrachloroethene

Concen: 0.352 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV009670.D

Acq: 14 Mar 2019 17:12

Instrument :

MSVOA_V

ClientSampleId :

BF191

Tgt Ion:164 Resp: 564

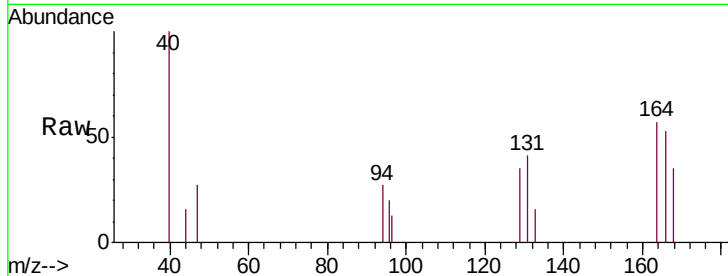
Ion Ratio Lower Upper

164 100

129 61.2 69.0 128.1#

131 72.5 65.7 122.1

166 92.6 89.4 166.0

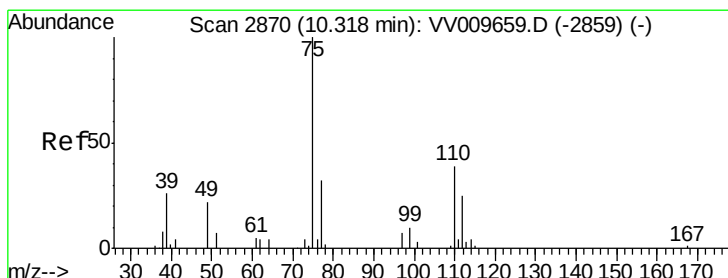
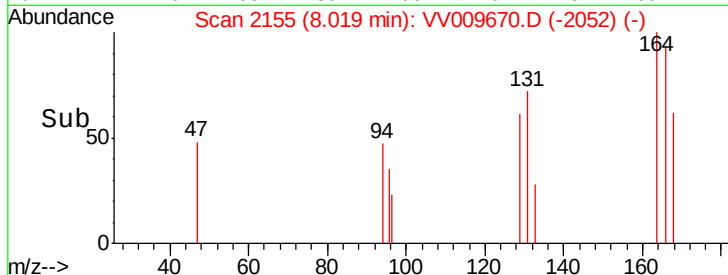
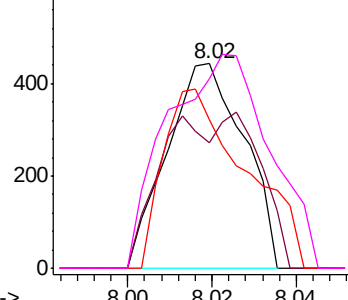


Abundance Ion 164.00 (163.70 to 164.70): V

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



#59

1,2,3-Trichloropropane

Concen: 5.582 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009670.D

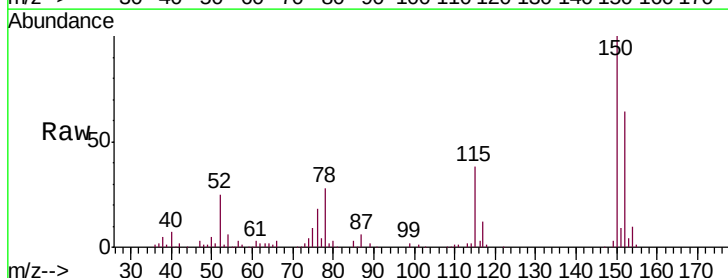
Acq: 14 Mar 2019 17:12

Tgt Ion: 75 Resp: 7716

Ion Ratio Lower Upper

75 100

77 43.5 25.3 37.9#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

