

Data File : VV009946.D
Acq On : 28 Mar 2019 00:21
Operator : SY/MD
Sample : K2128-08
Misc : 5.65G/10mL/MSVOA_V/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0Q7

Quant Time: Mar 28 07:21:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 07:17:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	178554	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	171740	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	67746	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	153189	42.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	169.12%#
7) Chloroethane-d5	1.56	69	173972	44.46	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	177.84%#
10) 1,1-Dichloroethene-d2	2.11	63	227700	22.97	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.88%
20) 2-Butanone-d5	3.93	46	66051	97.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	195.66%#
24) Chloroform-d	4.39	84	220953	48.57	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	194.28%#
26) 1,2-Dichloroethane-d4	5.07	65	136672	49.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	199.68%#
29) Benzene-d6	5.09	84	448933	49.78	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	199.12%#
33) 1,2-Dichloropropane-d6	6.11	67	138135	52.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	209.40%#
37) Toluene-d8	7.36	98	388622	45.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	182.08%#
38) trans-1,3-Dichloropropene-	7.66	79	46549	43.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	172.48%#
39) 2-Hexanone-d5	8.13	63	49933	101.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	202.76%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	111581	42.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	170.84%#
61) 1,2-Dichlorobenzene-d4	11.67	152	127200	49.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	197.28%#

Target Compounds

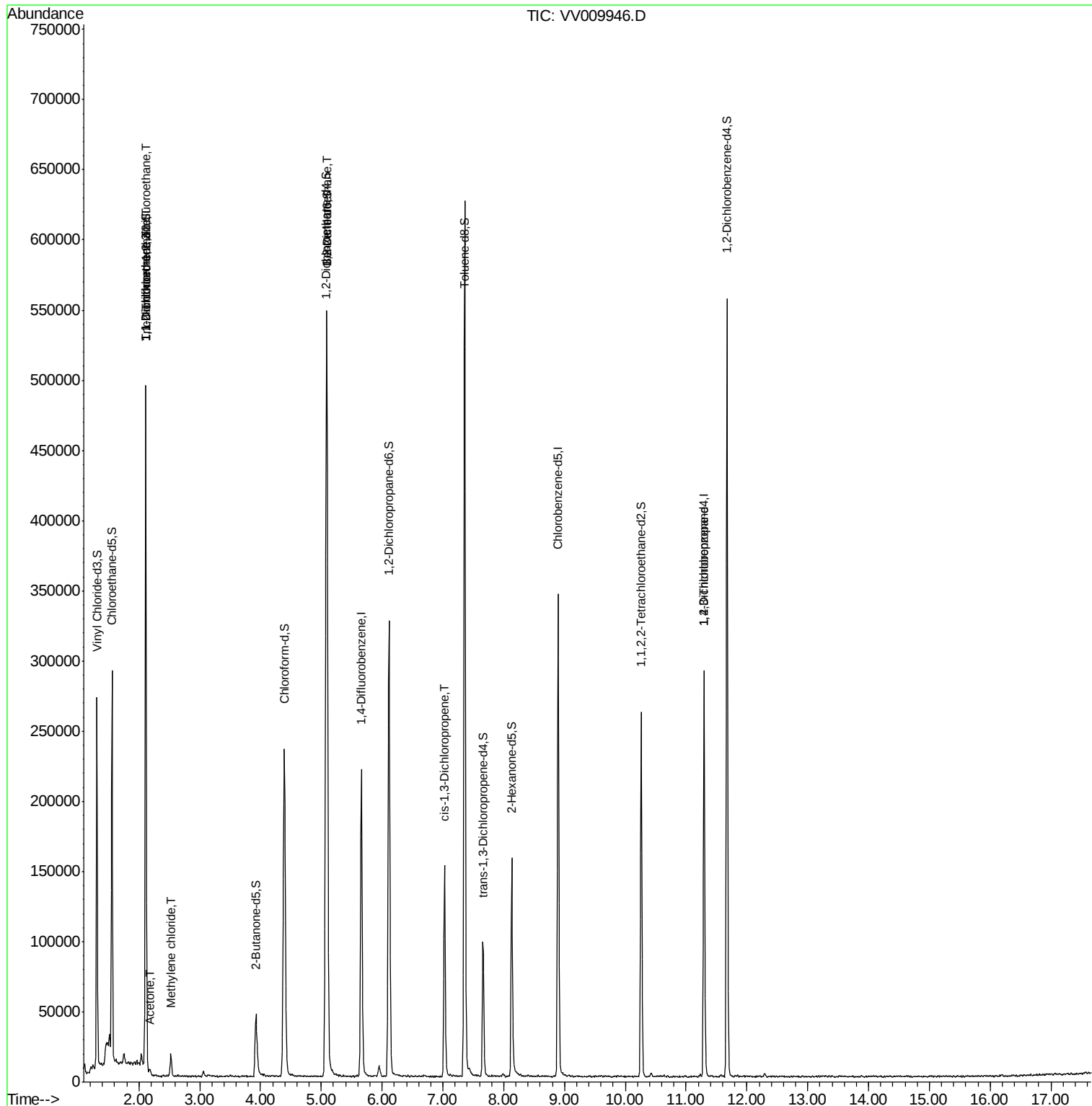
					Qvalue
9) Trichlorofluoromethane	2.11	101	3173	0.358 ug/L #	52
11) 1,1,2-Trichloro-1,2,2-trif	2.11	101	3173	0.616 ug/L #	30
12) 1,1-Dichloroethene	2.12	96	2082	0.477 ug/L #	1
13) Acetone	2.18	43	1283	1.255 ug/L	90
16) Methylene chloride	2.53	84	6382	2.170 ug/L	82
27) 1,2-Dichloroethane	5.09	62	3142	0.937 ug/L	96
42) cis-1,3-Dichloropropene	7.03	75	4669	1.359 ug/L #	67
59) 1,2,3-Trichloropropene	11.29	75	10912	5.755 ug/L	91

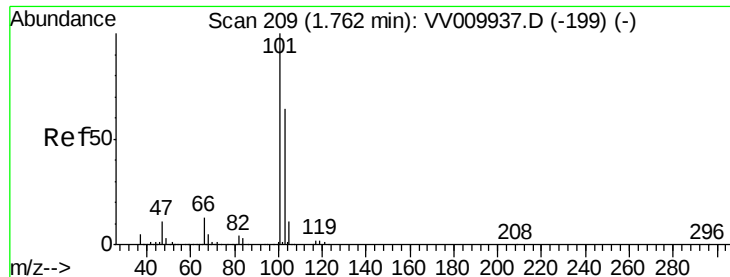
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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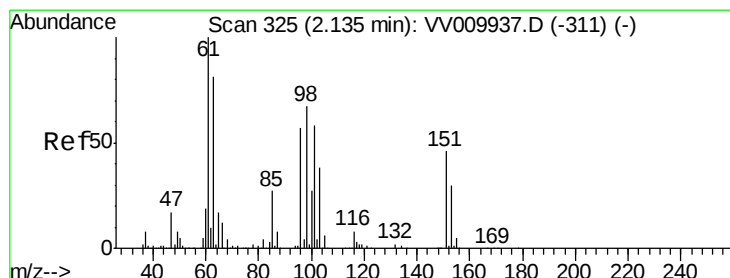
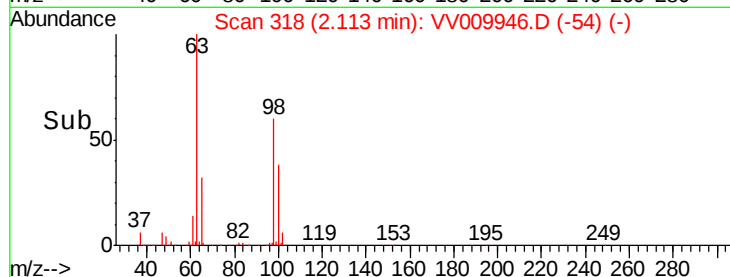
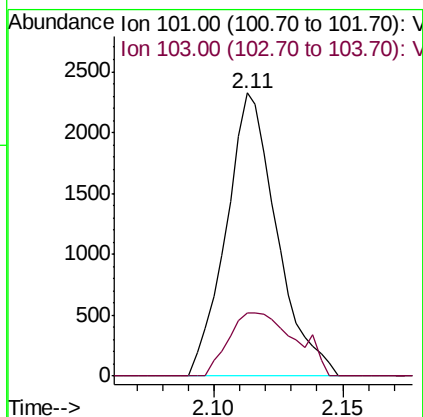
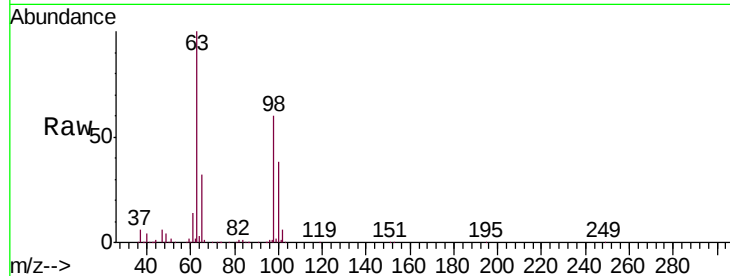


#9

Trichlorofluoromethane
 Concen: 0.358 ug/L
 RT: 2.11 min Scan# 318
 Delta R.T. 0.35 min
 Lab File: VV009946.D
 Acq: 28 Mar 2019 00:21

Instrument :
 MSVOA_V
 ClientSampled :
 BF0Q7

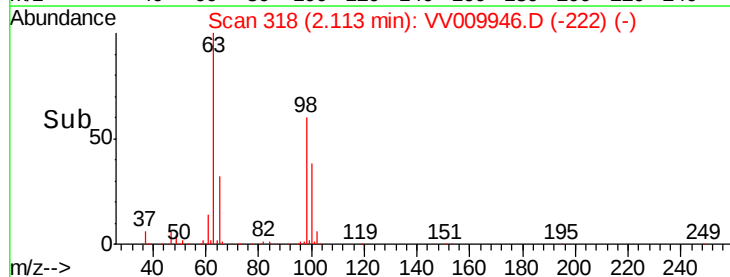
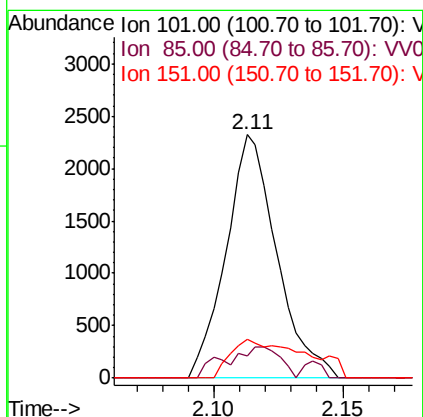
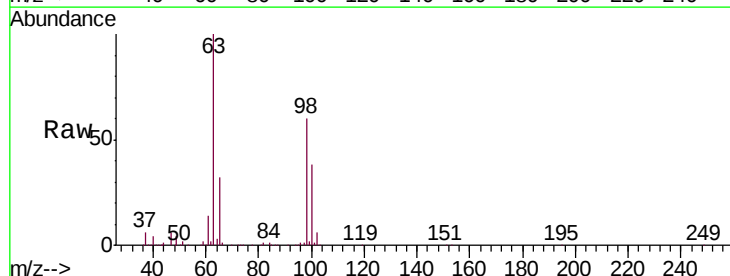
Tgt Ion:101 Resp: 3173
 Ion Ratio Lower Upper
 101 100
 103 26.7 45.1 83.9#

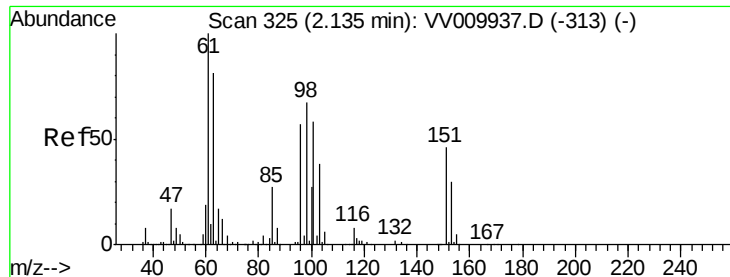


#11

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.616 ug/L
 RT: 2.11 min Scan# 318
 Delta R.T. -0.02 min
 Lab File: VV009946.D
 Acq: 28 Mar 2019 00:21

Tgt Ion:101 Resp: 3173
 Ion Ratio Lower Upper
 101 100
 85 9.9 36.9 55.3#
 151 10.2 63.6 95.4#





#12

1,1-Dichloroethene

Concen: 0.477 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.02 min

Lab File: VV009946.D

Acq: 28 Mar 2019 00:21

Instrument :

MSVOA_V

ClientSampled :

BF0Q7

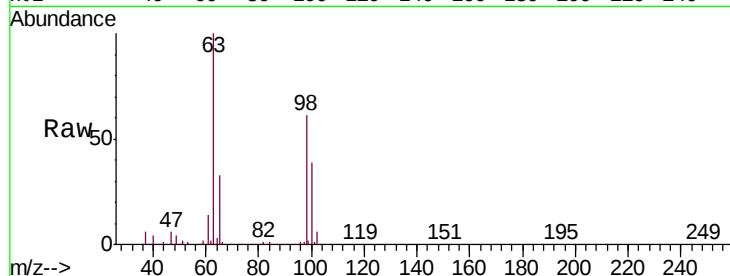
Tgt Ion: 96 Resp: 2082

Ion Ratio Lower Upper

96 100

61 1466.2 124.3 230.8#

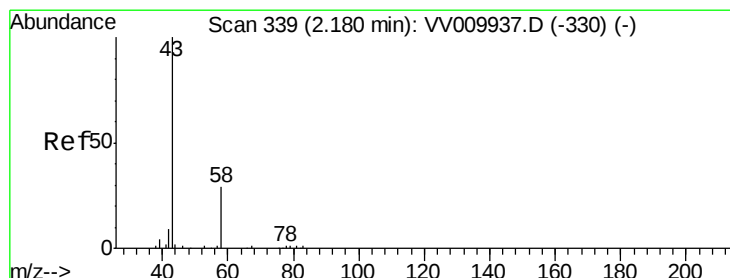
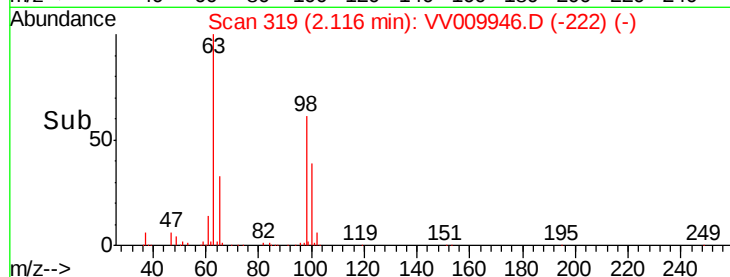
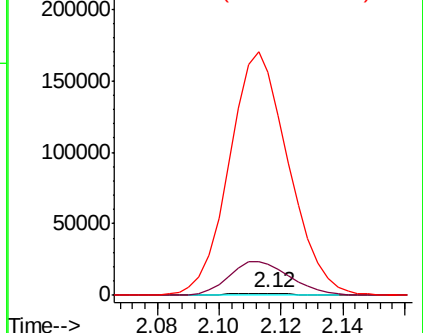
63 10283.1 88.2 163.8#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0



#13

Acetone

Concen: 1.255 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VV009946.D

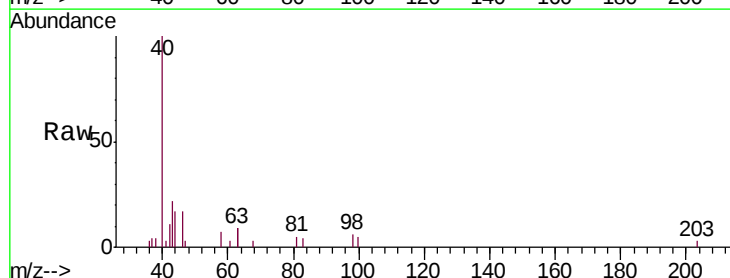
Acq: 28 Mar 2019 00:21

Tgt Ion: 43 Resp: 1283

Ion Ratio Lower Upper

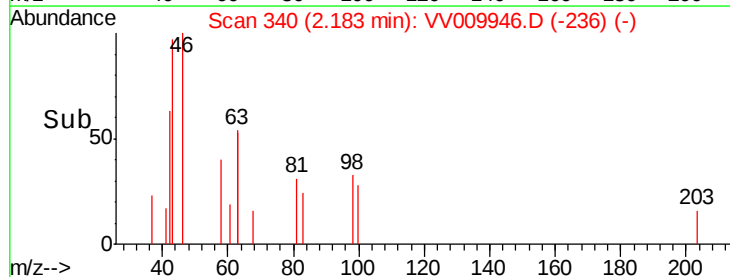
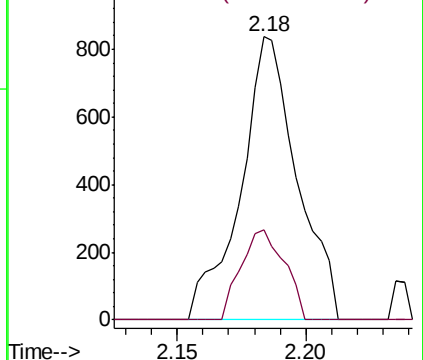
43 100

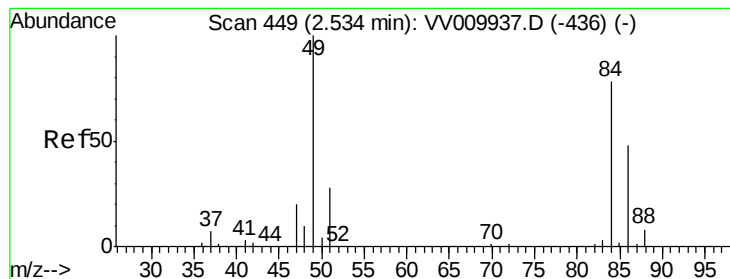
58 24.5 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#16

Methylene chloride

Concen: 2.170 ug/L

RT: 2.53 min Scan# 448

Delta R.T. -0.00 min

Lab File: VV009946.D

Acq: 28 Mar 2019 00:21

Instrument :

MSVOA_V

ClientSampleId :

BF0Q7

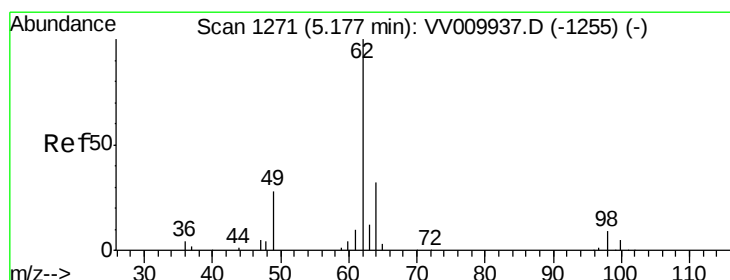
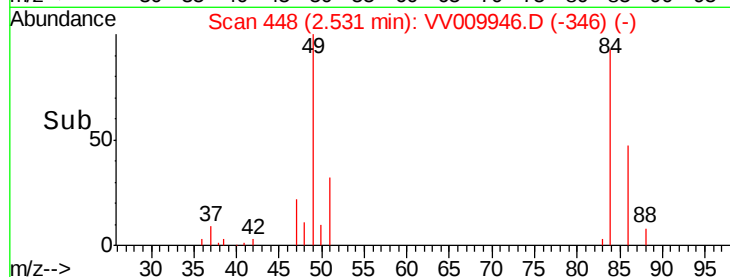
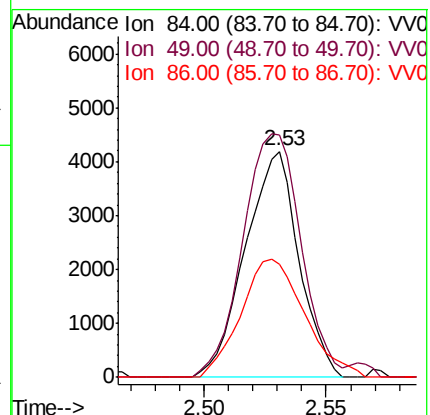
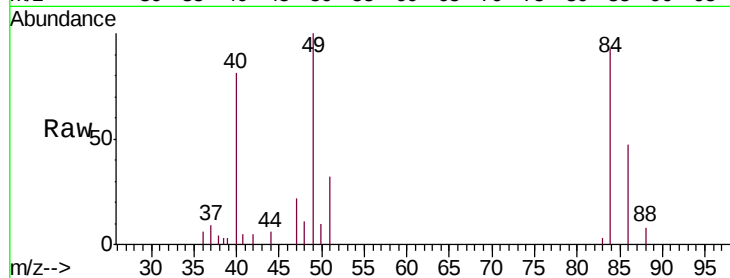
Tgt Ion: 84 Resp: 6382

Ion Ratio Lower Upper

84 100

49 107.1 90.4 167.8

86 50.2 44.0 81.6



#27

1,2-Dichloroethane

Concen: 0.937 ug/L

RT: 5.09 min Scan# 1244

Delta R.T. -0.09 min

Lab File: VV009946.D

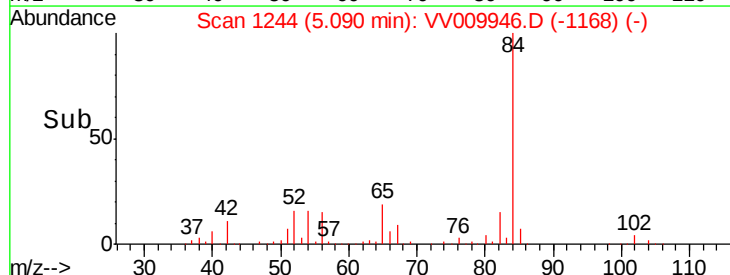
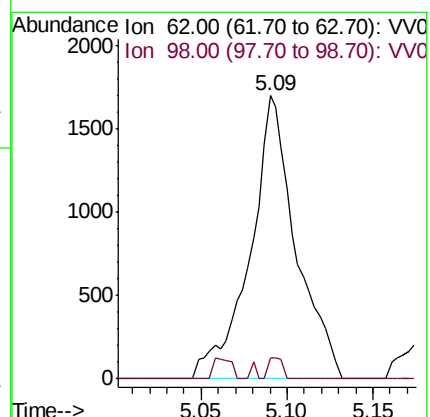
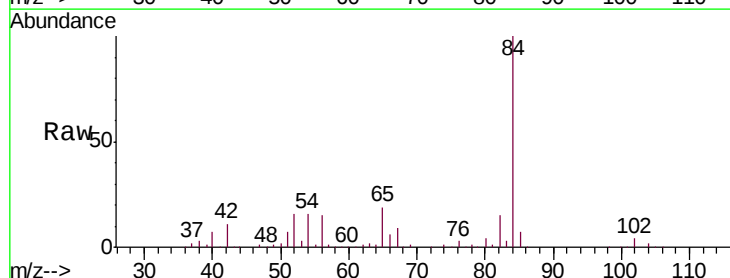
Acq: 28 Mar 2019 00:21

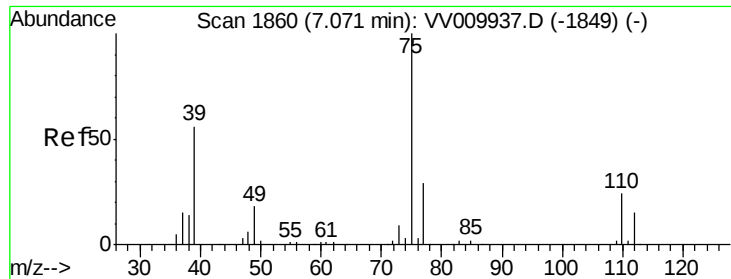
Tgt Ion: 62 Resp: 3142

Ion Ratio Lower Upper

62 100

98 7.5 7.2 10.8



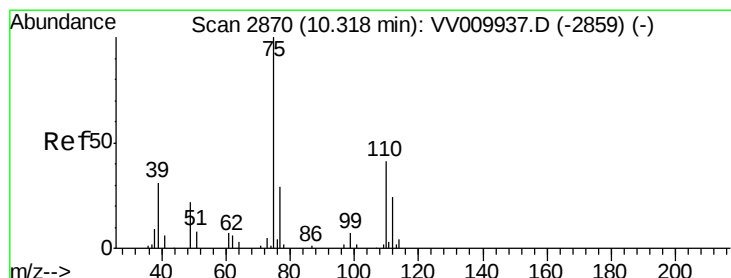
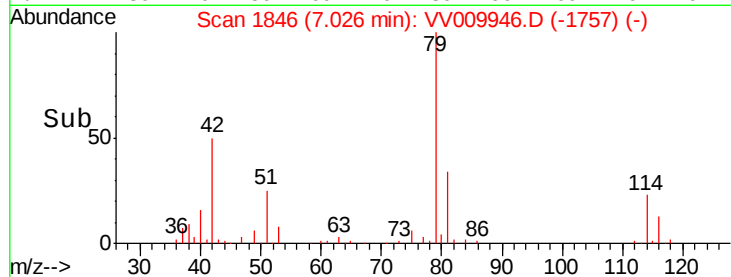
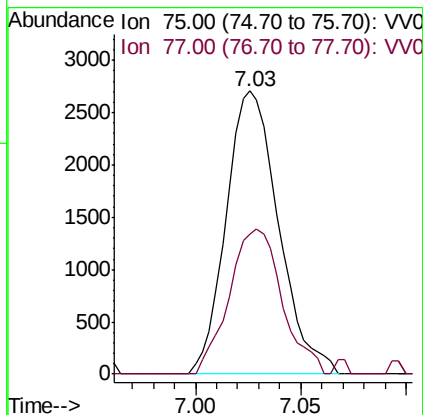
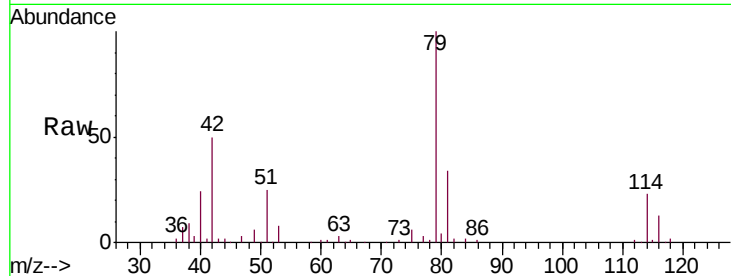


#42

cis-1,3-Dichloropropene
Concen: 1.359 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.05 min
Lab File: VV009946.D
Acq: 28 Mar 2019 00:21

Instrument :
MSVOA_V
ClientSampleId :
BF0Q7

Tgt Ion: 75 Resp: 4669
Ion Ratio Lower Upper
75 100
77 49.7 21.8 40.6#



#59

1,2,3-Trichloropropane
Concen: 5.755 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.97 min
Lab File: VV009946.D
Acq: 28 Mar 2019 00:21

Tgt Ion: 75 Resp: 10912
Ion Ratio Lower Upper
75 100
77 37.9 26.2 39.2

