

Data File : VV010085.D
Acq On : 03 Apr 2019 03:37
Operator : SY/MD
Sample : VIBLK
Misc : 5.00G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK

Quant Time: Apr 03 06:53:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 03 06:44:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	227458	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	196307	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	82380	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	66169	21.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.92%
7) Chloroethane-d5	1.57	69	80478	21.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.12%
10) 1,1-Dichloroethene-d2	2.11	63	141610	18.44	ug/L	-0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.76%
20) 2-Butanone-d5	3.94	46	56707	65.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.88%
24) Chloroform-d	4.39	84	120853	21.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.36%
26) 1,2-Dichloroethane-d4	5.08	65	71206	22.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.84%
29) Benzene-d6	5.09	84	258344	25.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.52%
33) 1,2-Dichloropropane-d6	6.11	67	73953	24.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.44%
37) Toluene-d8	7.36	98	229511	23.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.60%
38) trans-1,3-Dichloropropene-	7.66	79	24301	18.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.68%
39) 2-Hexanone-d5	8.14	63	36520	60.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.22%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	69110	23.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.28%
61) 1,2-Dichlorobenzene-d4	11.67	152	75887	23.65	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.60%

Target Compounds

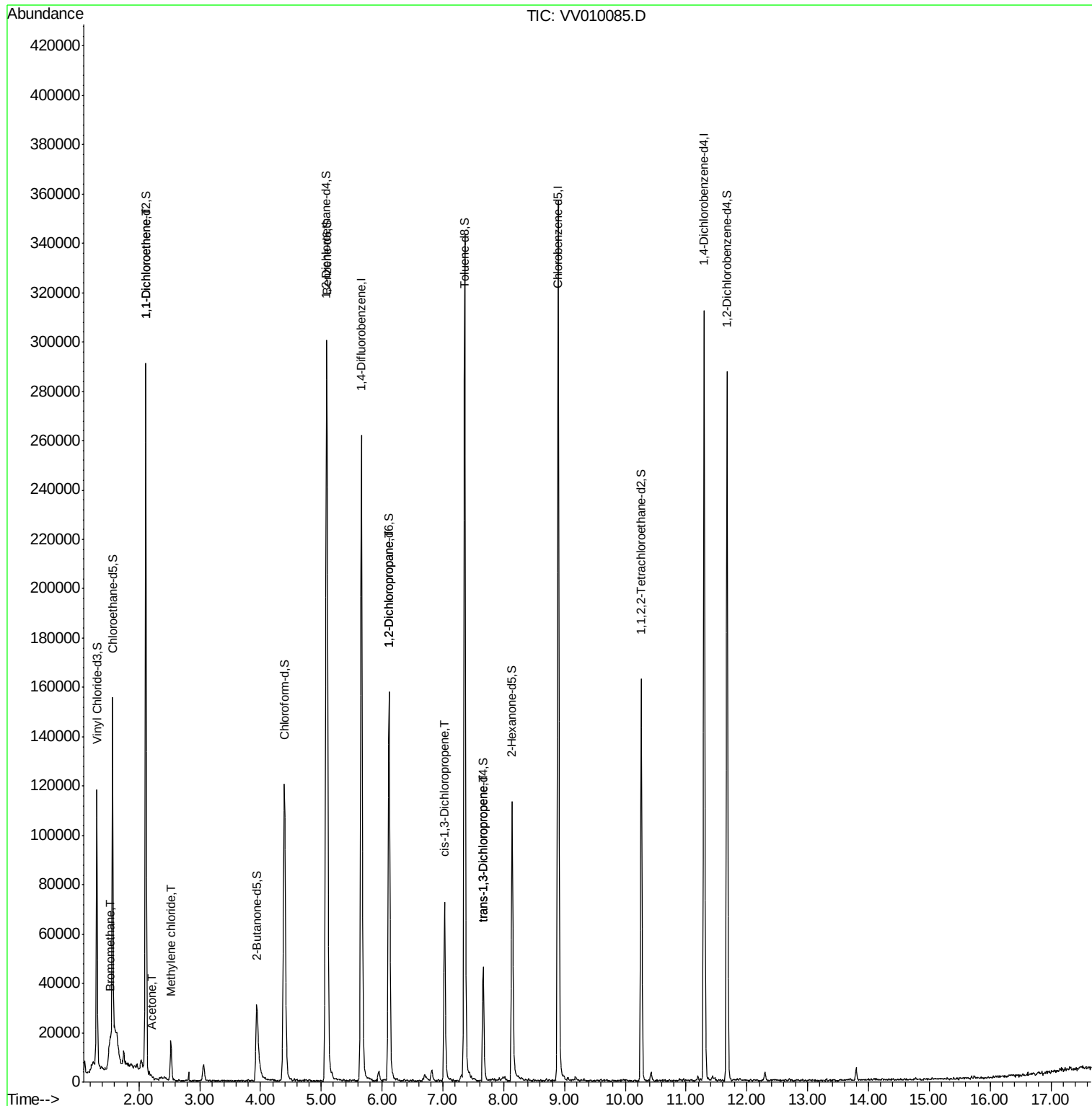
					Qvalue
6) Bromomethane	1.53	94	1277	0.354 ug/L	84
12) 1,1-Dichloroethene	2.12	96	1337	0.430 ug/L #	1
13) Acetone	2.21	43	1255	1.465 ug/L	66
16) Methylene chloride	2.53	84	6214	1.555 ug/L	94
40) 1,2-Dichloropropane	6.12	63	8934	3.683 ug/L #	86
42) cis-1,3-Dichloropropene	7.03	75	2037	0.580 ug/L #	80
45) trans-1,3-Dichloropropene	7.67	75	1509	0.505 ug/L	88

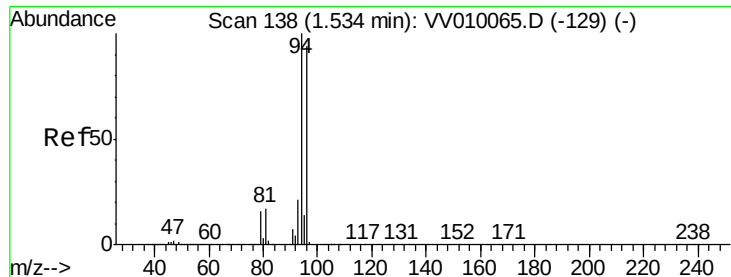
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 0.354 ug/L

RT: 1.53 min Scan# 136

Delta R.T. -0.01 min

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Acq: 03 Apr 2019 03:37

Instrument :

MSVOA_V

ClientSampleId :

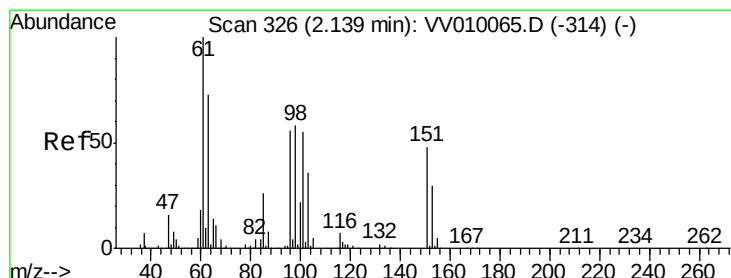
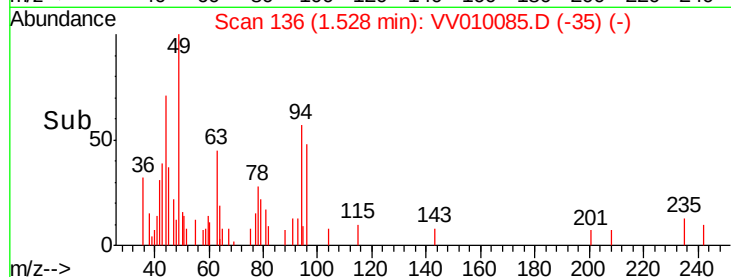
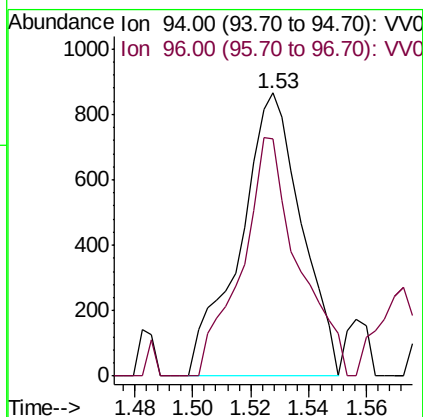
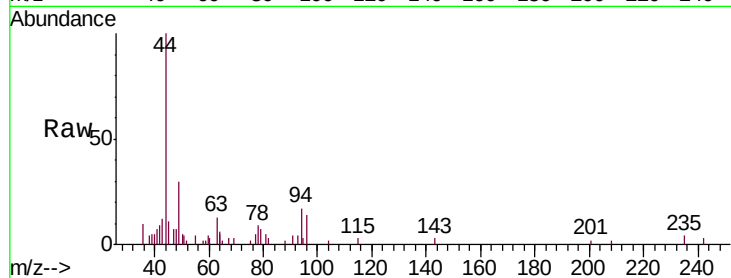
VIBLK

Tgt Ion: 94 Resp: 1277

Ion Ratio Lower Upper

94 100

96 77.8 9.4 177.8



#12

1,1-Dichloroethene

Concen: 0.430 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.02 min

Lab File: VV010085.D

Acq: 03 Apr 2019 03:37

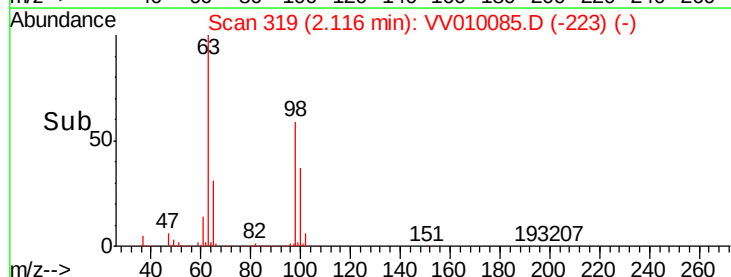
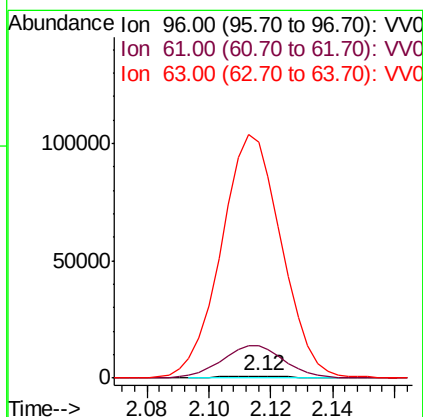
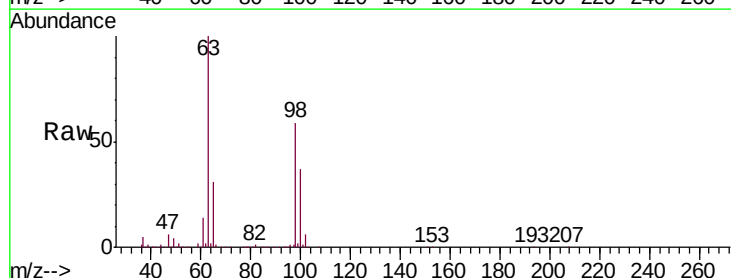
Tgt Ion: 96 Resp: 1337

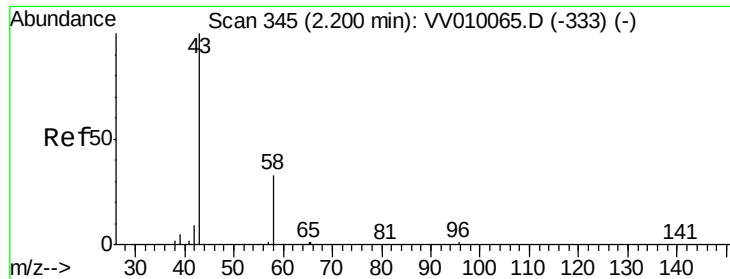
Ion Ratio Lower Upper

96 100

61 1559.7 127.8 237.4#

63 11198.2 112.6 209.2#





#13

Acetone

Concen: 1.465 ug/L

RT: 2.21 min Scan# 348

Delta R.T. 0.01 min

Lab File: VV010085.D

Acq: 03 Apr 2019 03:37

Instrument :

MSVOA_V

ClientSampled :

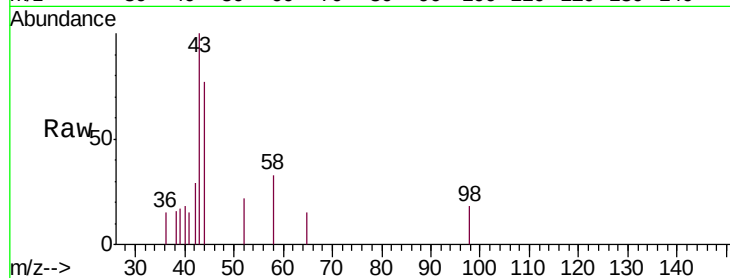
VIBLK

Tgt Ion: 43 Resp: 1255

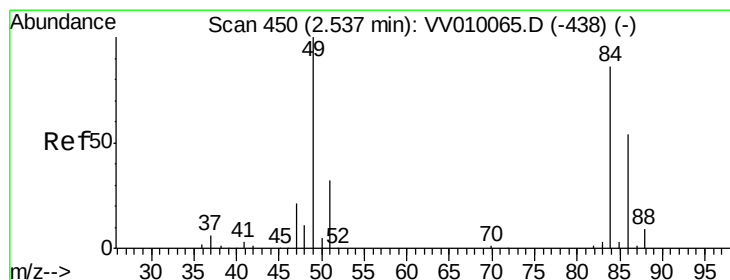
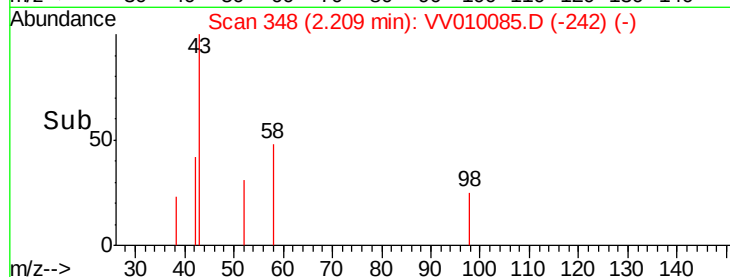
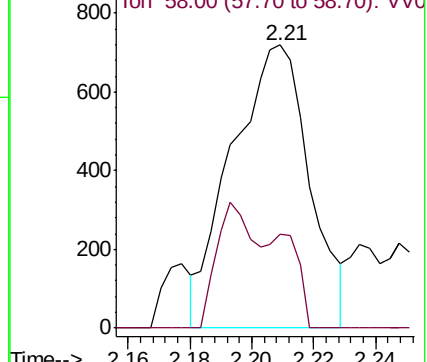
Ion Ratio Lower Upper

43 100

58 13.0 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VV010065.D (-333) (-)



#16

Methylene chloride

Concen: 1.555 ug/L

RT: 2.53 min Scan# 447

Delta R.T. -0.01 min

Lab File: VV010085.D

Acq: 03 Apr 2019 03:37

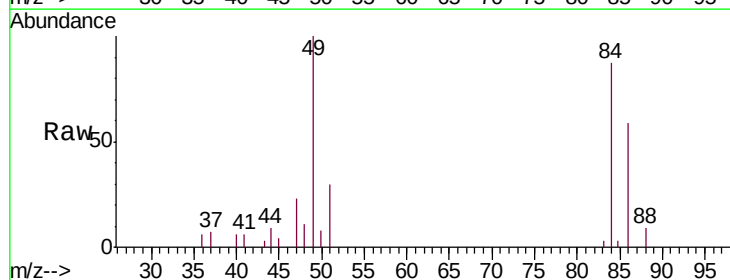
Tgt Ion: 84 Resp: 6214

Ion Ratio Lower Upper

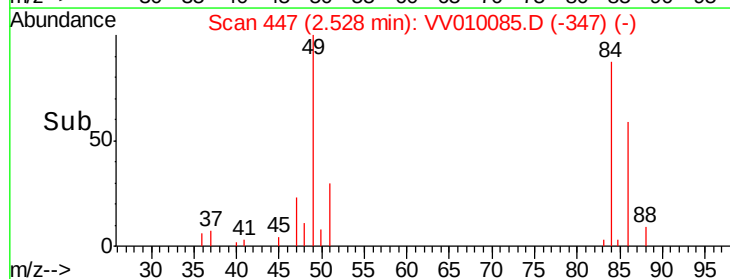
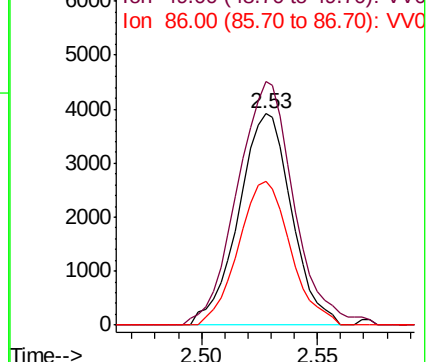
84 100

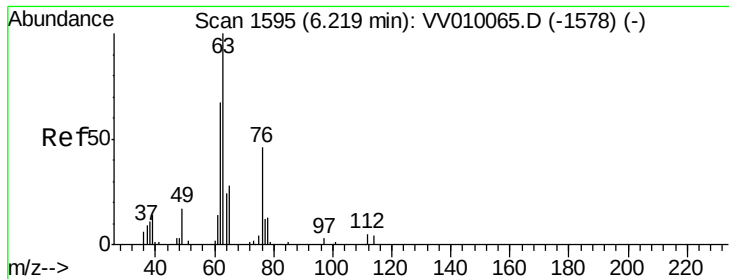
49 111.9 84.3 156.5

86 66.3 45.4 84.2



Abundance Ion 84.00 (83.70 to 84.70): VV010065.D (-438) (-)

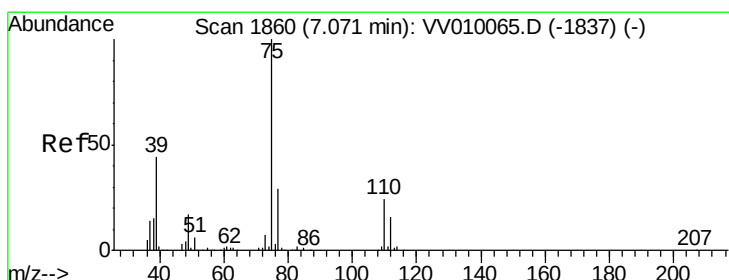
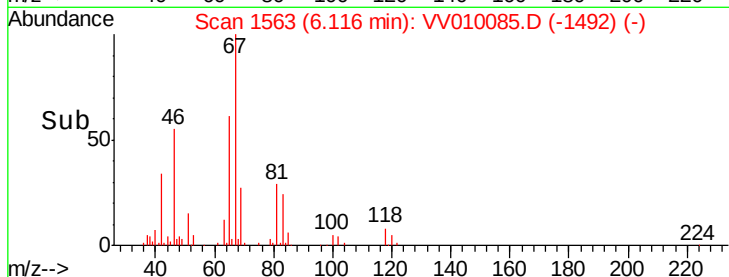
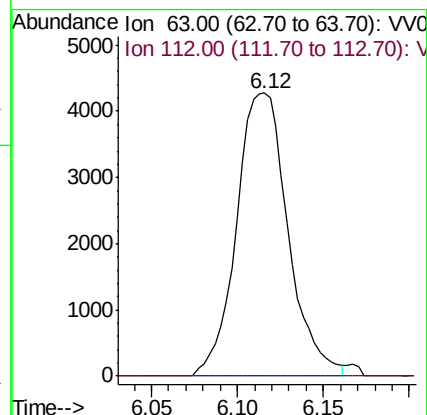
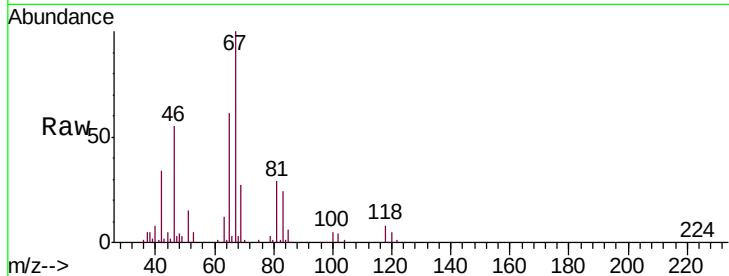




#40
 1,2-Dichloropropane
 Concen: 3.683 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV010085.D
 Acq: 03 Apr 2019 03:37

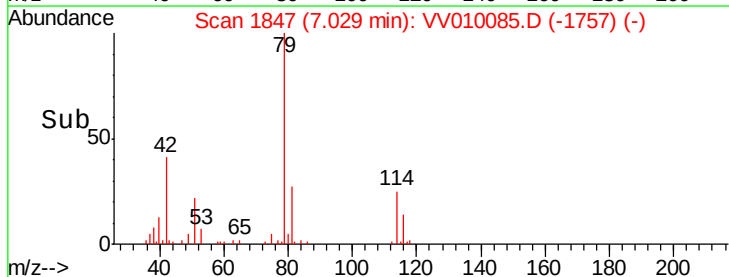
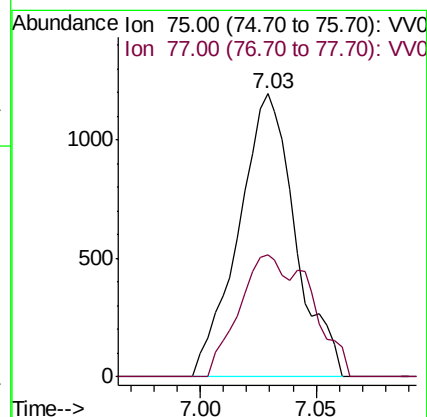
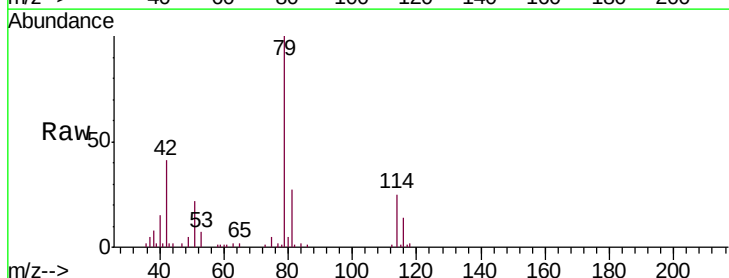
Instrument :
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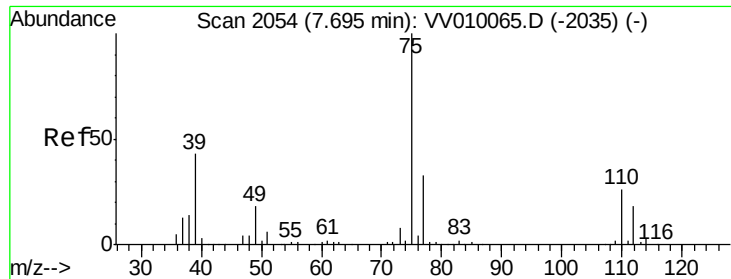
Tgt Ion: 63 Resp: 8934
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#42
 cis-1,3-Dichloropropene
 Concen: 0.580 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV010085.D
 Acq: 03 Apr 2019 03:37

Tgt Ion: 75 Resp: 2037
 Ion Ratio Lower Upper
 75 100
 77 43.0 22.1 41.1#





#45

trans-1,3-Dichloropropene

Concen: 0.505 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV010085.D

Acq: 03 Apr 2019 03:37

Instrument :

MSVOA_V

ClientSampleId :

VIBLK

Tgt Ion: 75 Resp: 1509

Ion Ratio Lower Upper

75 100

77 40.7 23.5 43.7

