

Data File : VW007940.D
Acq On : 27 Dec 2018 00:27
Operator : SY/AP
Sample : VW1226SBL02
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VBLK89

Quant Time: Dec 27 03:09:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 27 03:06:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	95410	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	88666	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	41792	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	19848	21.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.44%
7) Chloroethane-d5	2.89	69	13240	20.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.60%
10) 1,1-Dichloroethene-d2	4.01	63	39904	15.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.72%
20) 2-Butanone-d5	7.07	46	19701	49.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.26%
24) Chloroform-d	7.65	84	52237	20.58	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.32%
26) 1,2-Dichloroethane-d4	8.31	65	33650	22.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.44%
29) Benzene-d6	8.27	84	101967	20.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.00%
33) 1,2-Dichloropropane-d6	9.27	67	27990	20.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.76%
37) Toluene-d8	10.32	98	98698	20.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.48%
38) trans-1,3-Dichloropropene-	10.58	79	15388	19.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.28%
39) 2-Hexanone-d5	10.93	63	16231	46.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	28930	22.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	36042	21.35	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.40%

Target Compounds

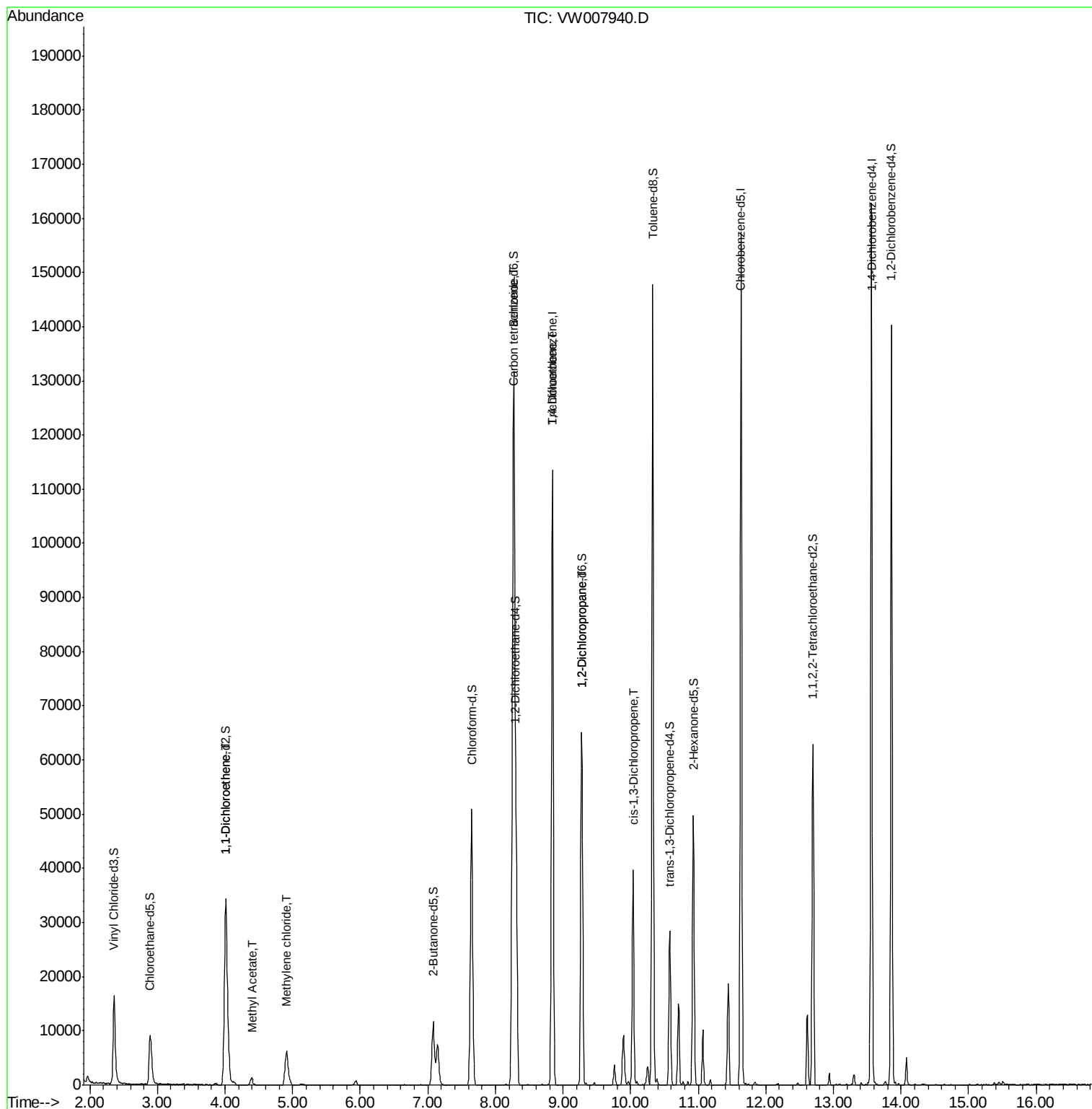
					Qvalue	
12) 1,1-Dichloroethene	4.01	96	315	0.286	ug/L #	1
15) Methyl Acetate	4.39	43	455	0.763	ug/L #	50
16) Methylene chloride	4.92	84	5608	3.633	ug/L	91
32) Carbon tetrachloride	8.26	117	904	0.443	ug/L #	18
35) Trichloroethene	8.84	95	3225	2.340	ug/L #	5
40) 1,2-Dichloropropane	9.27	63	3464	3.106	ug/L #	86
42) cis-1,3-Dichloropropene	10.03	75	1049	0.539	ug/L	100

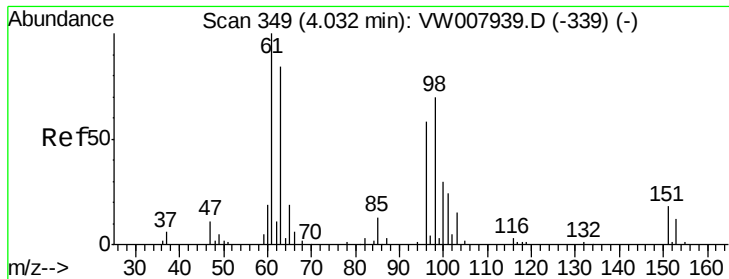
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.286 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.02 min

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Instrument :

MSVOA_W

ClientSampleId :

VBLK89

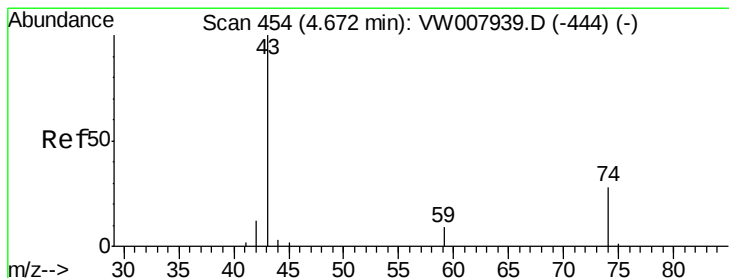
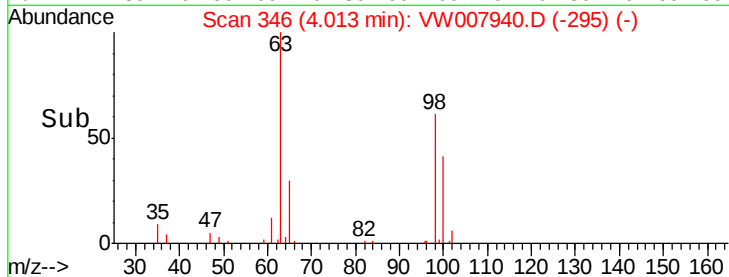
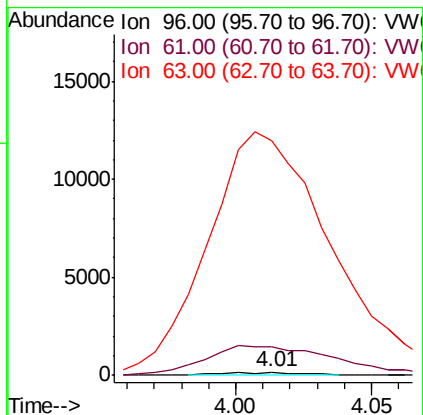
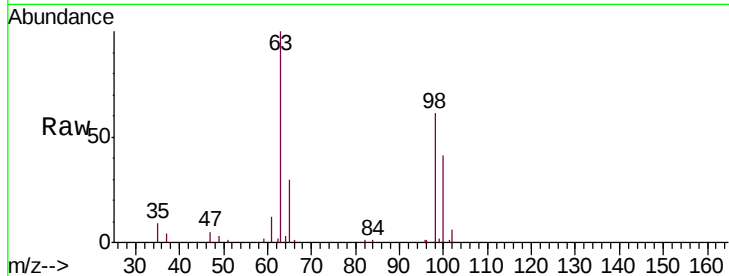
Tgt Ion: 96 Resp: 315

Ion Ratio Lower Upper

96 100

61 842.9 120.3 223.3#

63 7035.3 91.6 170.0#



#15

Methyl Acetate

Concen: 0.763 ug/L

RT: 4.39 min Scan# 408

Delta R.T. -0.28 min

Lab File: VW007940.D

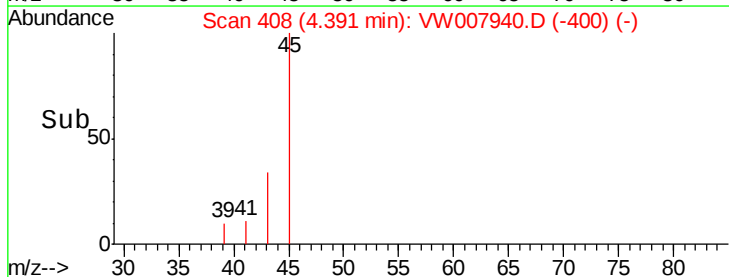
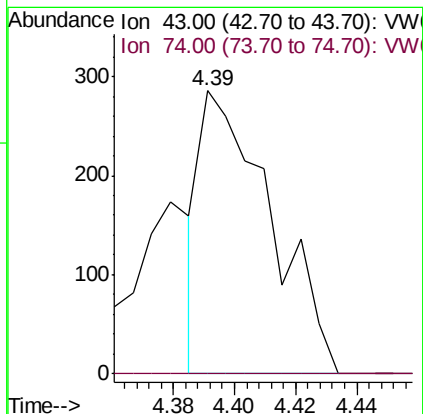
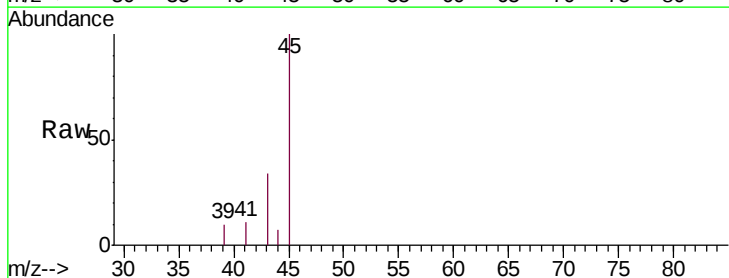
Acq: 27 Dec 2018 00:27

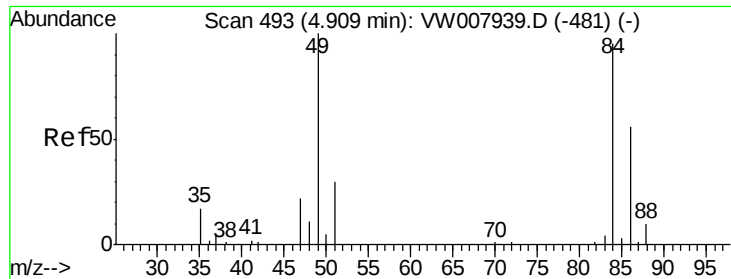
Tgt Ion: 43 Resp: 455

Ion Ratio Lower Upper

43 100

74 0.0 20.2 30.2#

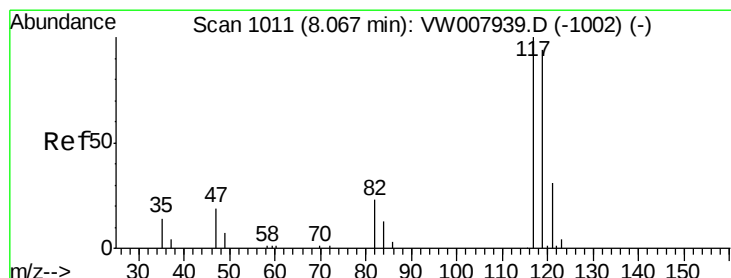
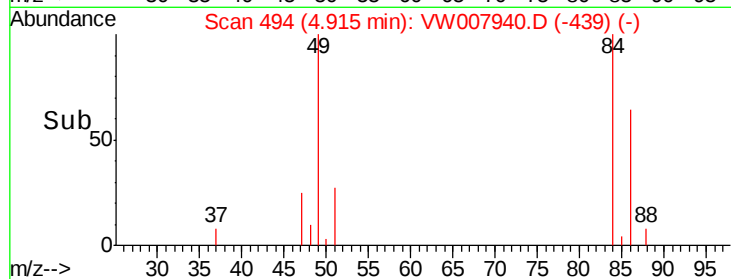
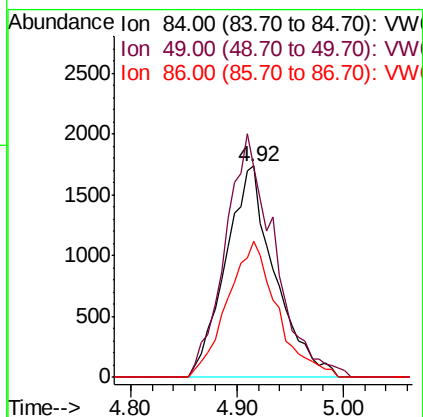
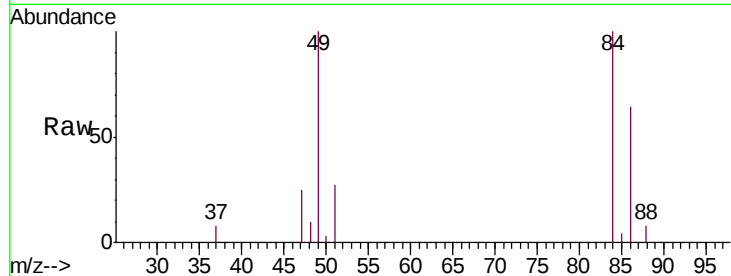




#16
Methylene chloride
Concen: 3.633 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW007940.D
Acq: 27 Dec 2018 00:27

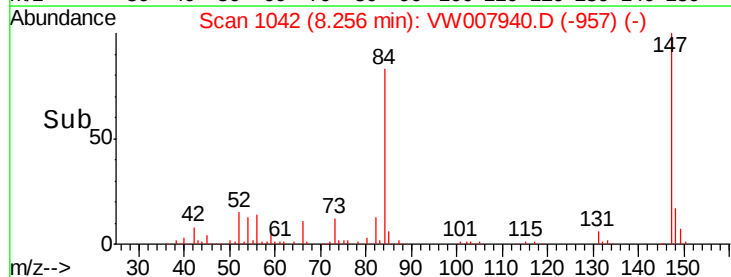
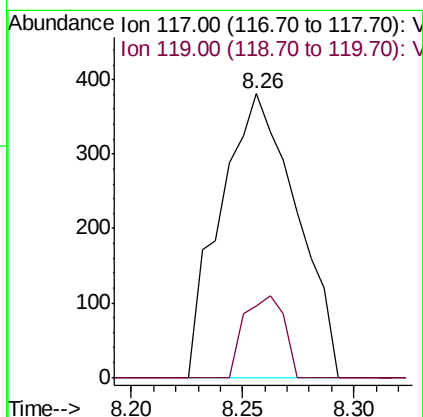
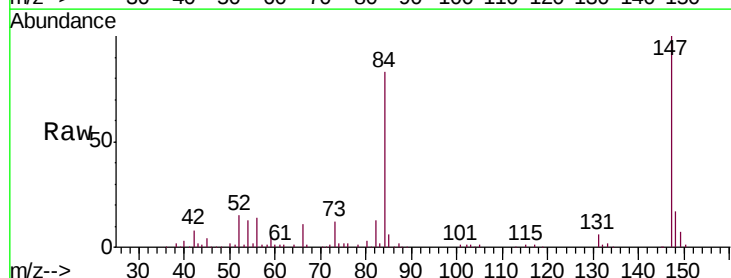
Instrument :
MSVOA_W
ClientSampleId :
VBLK89

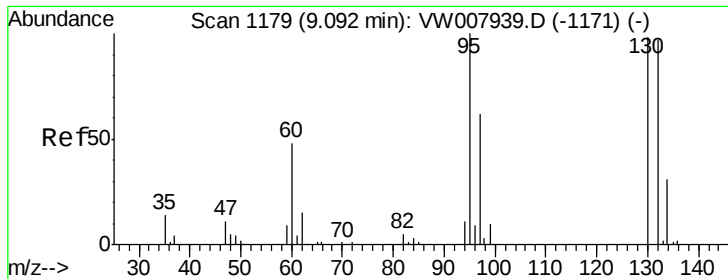
Tgt Ion: 84 Resp: 5608
Ion Ratio Lower Upper
84 100
49 99.6 79.2 147.0
86 64.5 43.2 80.2



#32
Carbon tetrachloride
Concen: 0.443 ug/L
RT: 8.26 min Scan# 1042
Delta R.T. 0.19 min
Lab File: VW007940.D
Acq: 27 Dec 2018 00:27

Tgt Ion: 117 Resp: 904
Ion Ratio Lower Upper
117 100
119 15.3 76.0 114.0#





#35

Trichloroethene

Concen: 2.340 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW007940.D

Acq: 27 Dec 2018 00:27

Instrument :

MSVOA_W

ClientSampleId :

VBLK89

Tgt Ion: 95 Resp: 3225

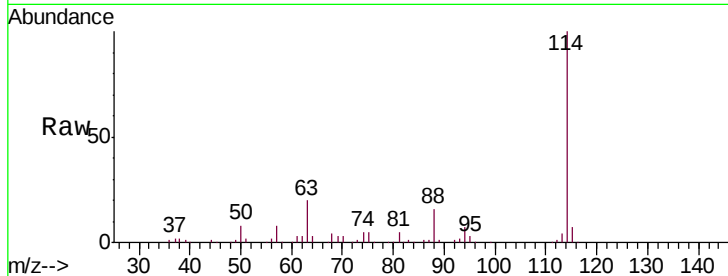
Ion Ratio Lower Upper

95 100

97 0.0 44.4 82.5#

132 0.0 67.8 126.0#

130 0.0 70.3 130.7#

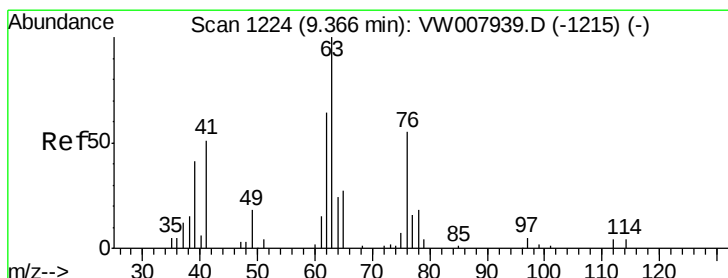
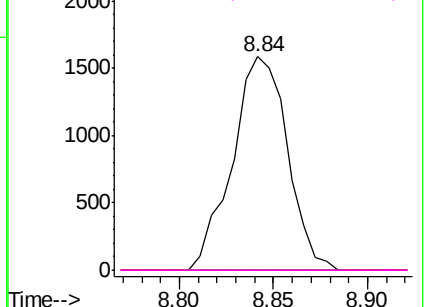
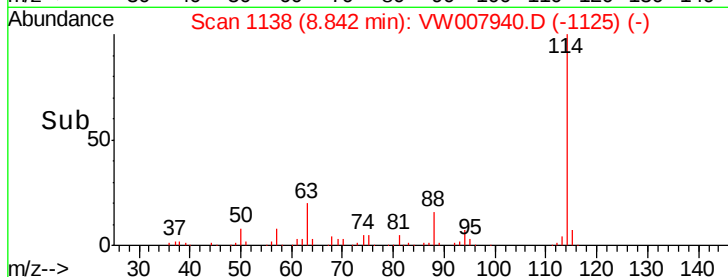


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#40

1,2-Dichloropropane

Concen: 3.106 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW007940.D

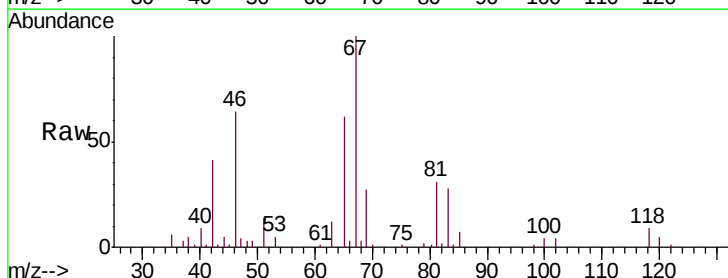
Acq: 27 Dec 2018 00:27

Tgt Ion: 63 Resp: 3464

Ion Ratio Lower Upper

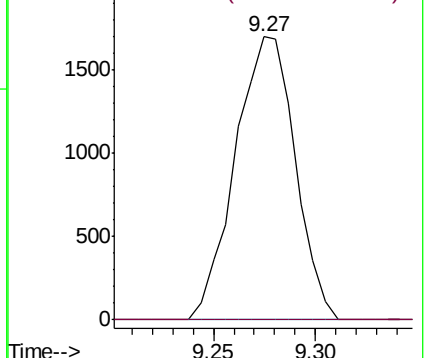
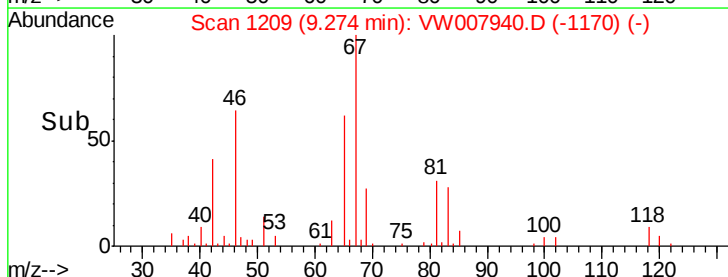
63 100

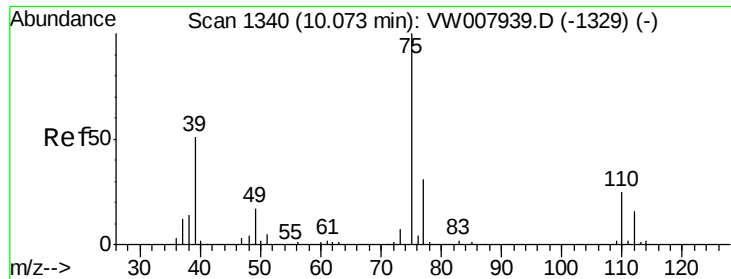
112 0.0 3.7 5.5#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.539 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW007940.D

Acq: 27 Dec 2018 00:27

Instrument :

MSVOA_W

ClientSampleId :

VBLK89

Tgt Ion: 75 Resp: 1049

Ion Ratio Lower Upper

75 100

77 32.9 23.0 42.8

