

Data File : VW007937.D
Acq On : 26 Dec 2018 21:51
Operator : SY/AP
Sample : J6468-12
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

Quant Time: Dec 27 00:49:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 27 00:43:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	97292	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	89409	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	43375	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	22245	23.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.80%
7) Chloroethane-d5	2.89	69	14779	22.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.52%
10) 1,1-Dichloroethene-d2	4.01	63	44317	17.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.28%
20) 2-Butanone-d5	7.08	46	18673	45.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.34%
24) Chloroform-d	7.65	84	57237	22.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.44%
26) 1,2-Dichloroethane-d4	8.31	65	36299	23.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.56%
29) Benzene-d6	8.27	84	110549	22.05	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.20%
33) 1,2-Dichloropropane-d6	9.27	67	30721	22.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.08%
37) Toluene-d8	10.32	98	107658	22.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.16%
38) trans-1,3-Dichloropropene-	10.58	79	16730	21.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.44%
39) 2-Hexanone-d5	10.93	63	15178	43.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	28856	21.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	39754	22.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.76%

Target Compounds

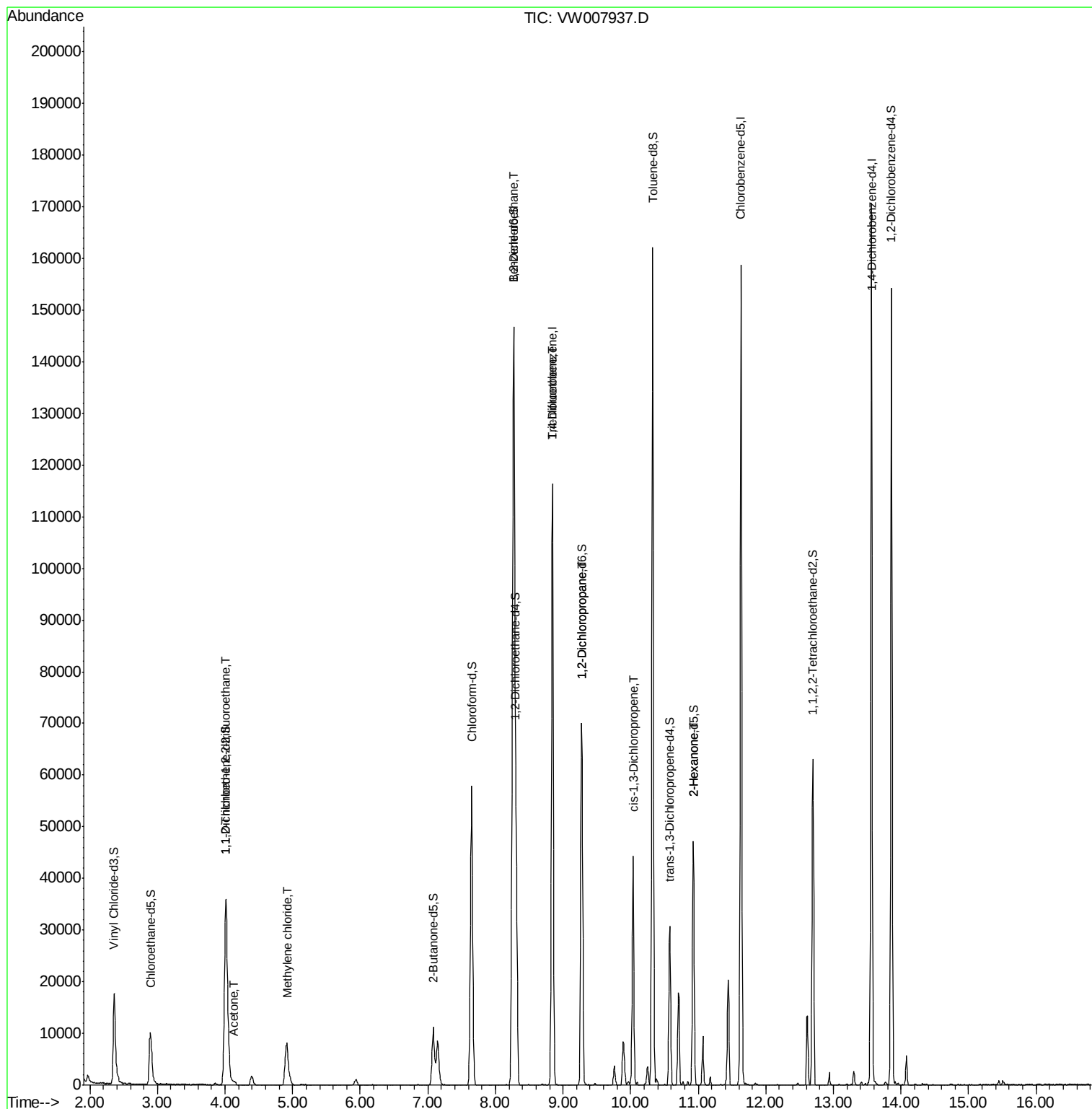
					Qvalue	
11) 1,1,2-Trichloro-1,2,2-trif	4.01	101	358	0.291	ug/L #	18
13) Acetone	4.12	43	577	1.444	ug/L	92
16) Methylene chloride	4.92	84	7638	4.852	ug/L	93
27) 1,2-Dichloroethane	8.27	62	787	0.469	ug/L #	80
35) Trichloroethene	8.84	95	3312	2.383	ug/L #	5
40) 1,2-Dichloropropane	9.27	63	3910	3.477	ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1122	0.572	ug/L #	73
49) 2-Hexanone	10.93	43	2045	3.184	ug/L #	64

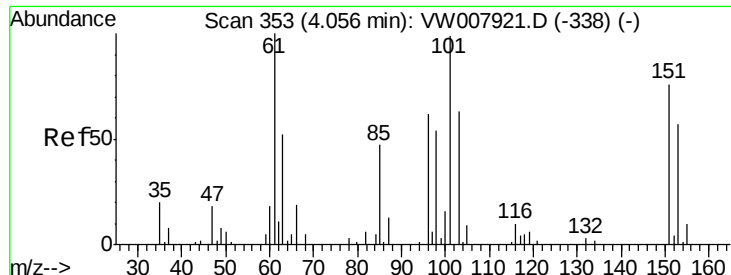
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.291 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.04 min

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Acq: 26 Dec 2018 21:51

Instrument :

MSVOA_W

ClientSampled :

VHBLK01

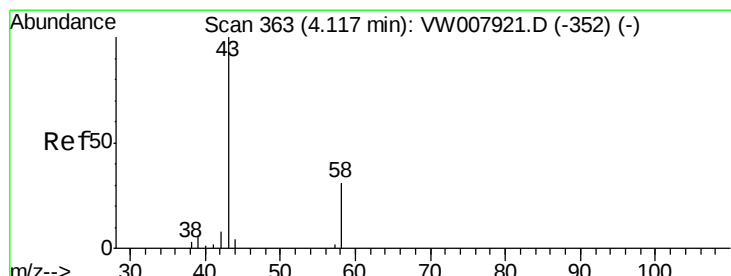
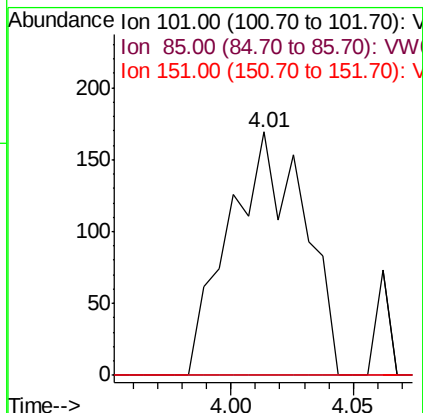
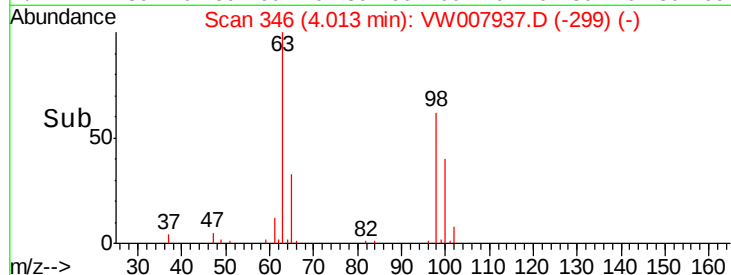
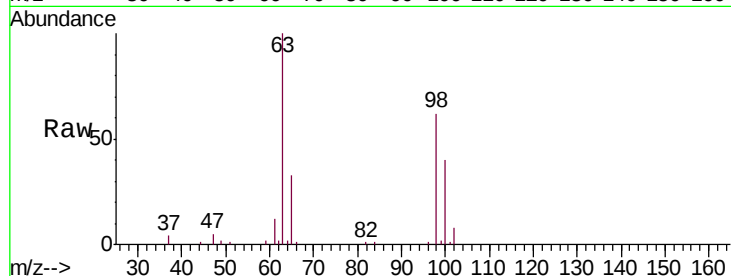
Tgt Ion: 101 Resp: 358

Ion Ratio Lower Upper

101 100

85 0.0 33.4 50.2#

151 0.0 63.2 94.8#



#13

Acetone

Concen: 1.444 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007937.D

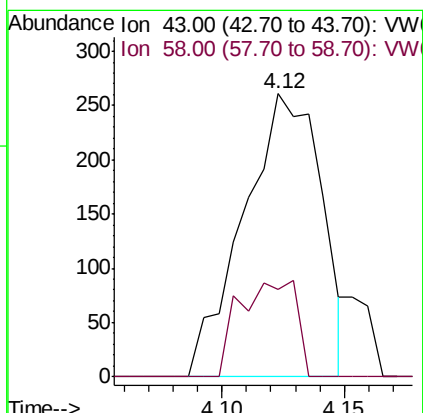
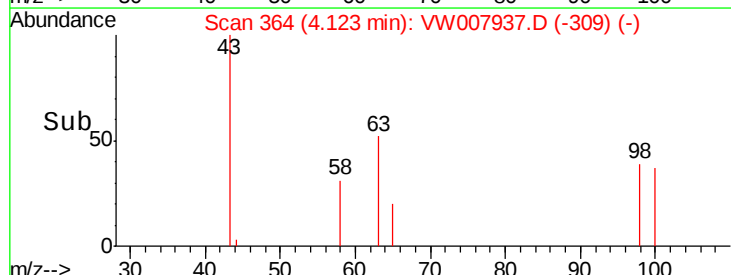
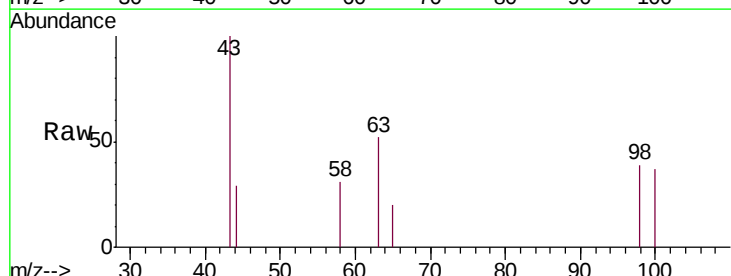
Acq: 26 Dec 2018 21:51

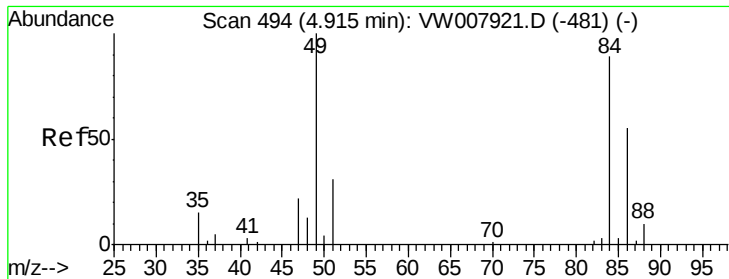
Tgt Ion: 43 Resp: 577

Ion Ratio Lower Upper

43 100

58 24.8 0.0 58.6

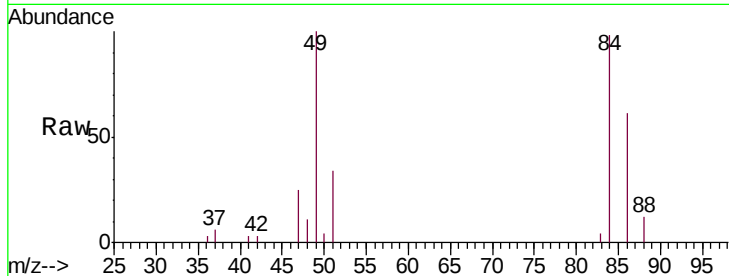




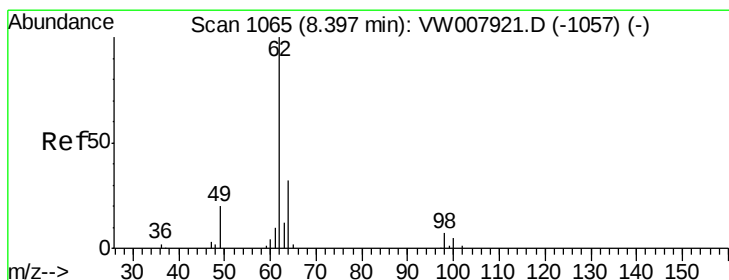
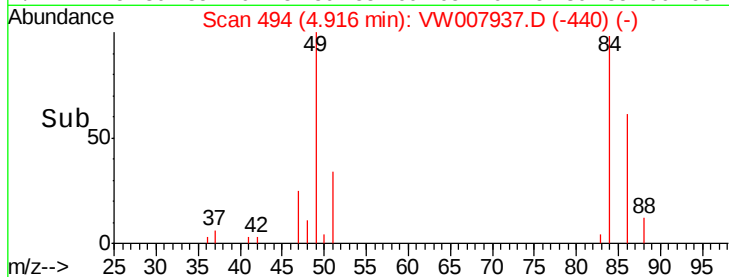
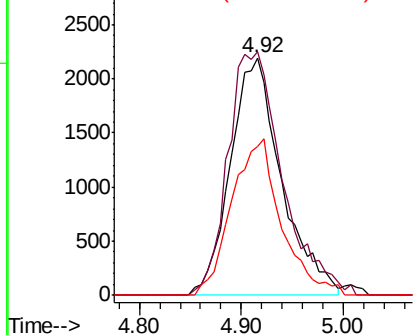
#16
Methylene chloride
Concen: 4.852 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW007937.D
Acq: 26 Dec 2018 21:51

Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

Tgt Ion: 84 Resp: 7638
Ion Ratio Lower Upper
84 100
49 102.5 79.2 147.0
86 62.8 43.2 80.2

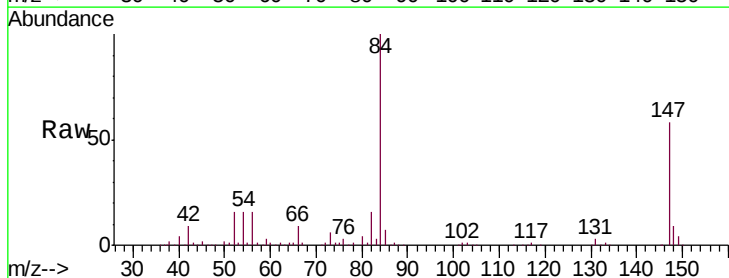


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

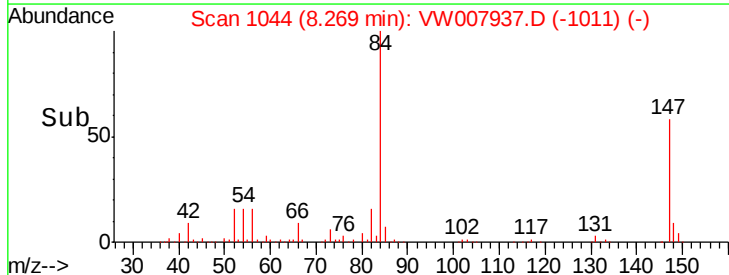
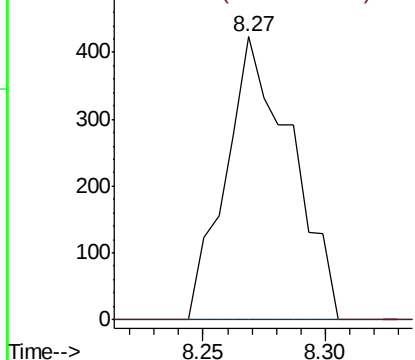


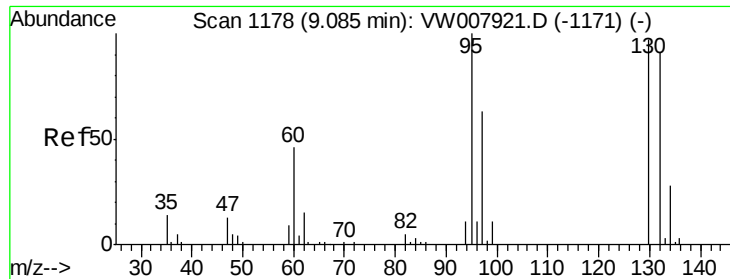
#27
1,2-Dichloroethane
Concen: 0.469 ug/L
RT: 8.27 min Scan# 1044
Delta R.T. -0.13 min
Lab File: VW007937.D
Acq: 26 Dec 2018 21:51

Tgt Ion: 62 Resp: 787
Ion Ratio Lower Upper
62 100
98 0.0 5.4 8.2#



Abundance Ion 62.00 (61.70 to 62.70): VW
Ion 98.00 (97.70 to 98.70): VW





#35

Trichloroethene

Concen: 2.383 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.24 min

Lab File: VW007937.D

Acq: 26 Dec 2018 21:51

Instrument :

MSVOA_W

ClientSampleId :

VHBLK01

Tgt Ion: 95 Resp: 3312

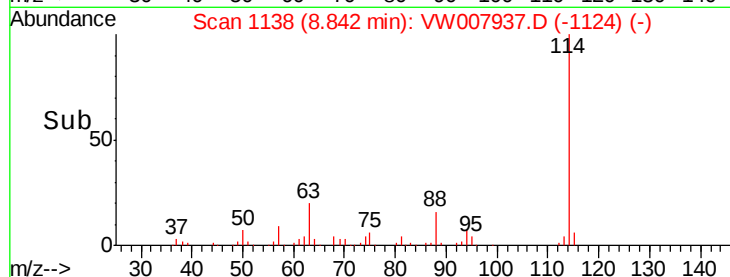
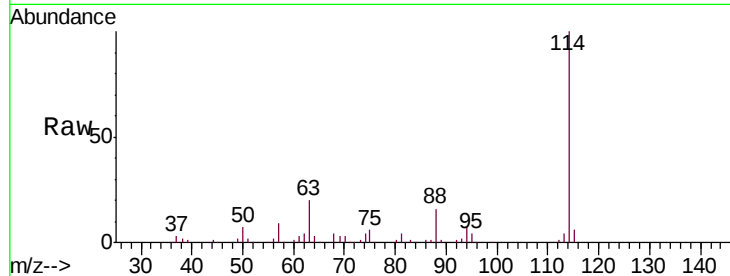
Ion Ratio Lower Upper

95 100

97 0.0 44.4 82.5#

132 0.0 67.8 126.0#

130 0.0 70.3 130.7#

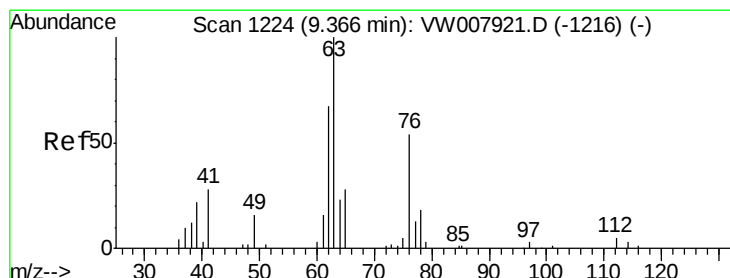
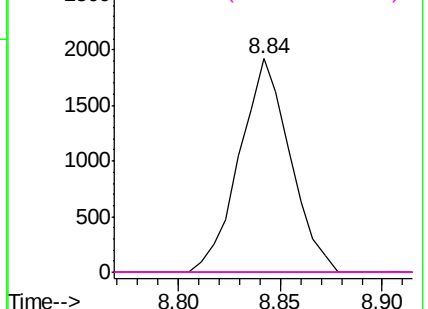


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 3.477 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW007937.D

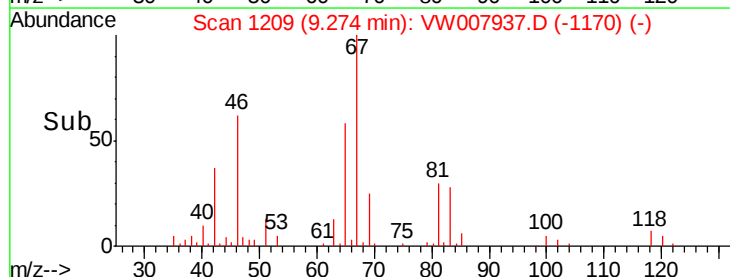
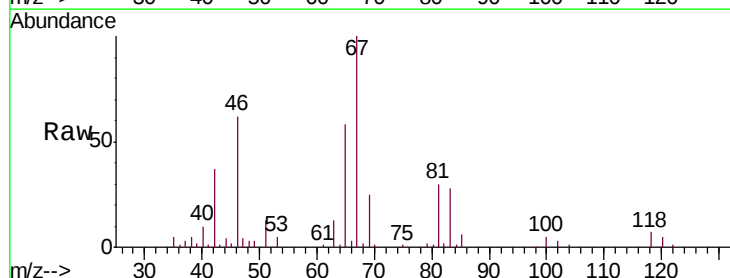
Acq: 26 Dec 2018 21:51

Tgt Ion: 63 Resp: 3910

Ion Ratio Lower Upper

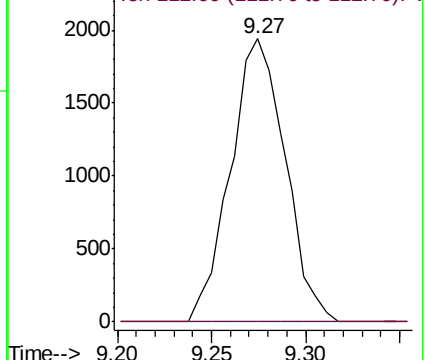
63 100

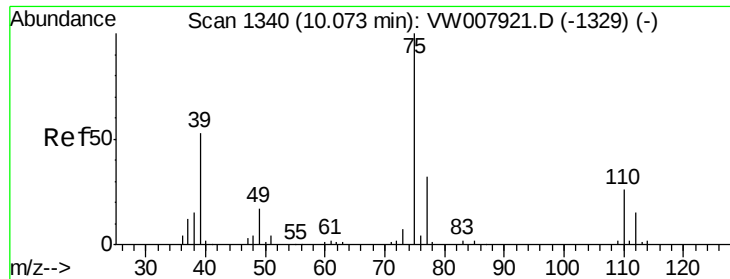
112 0.0 3.7 5.5#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V

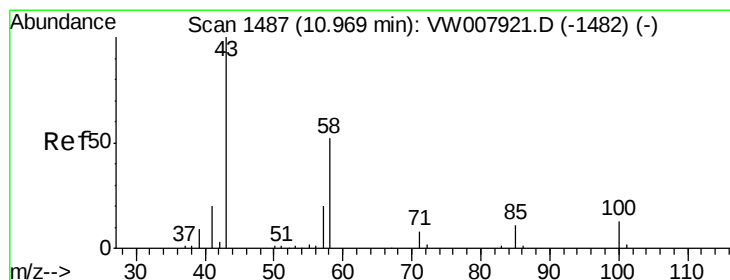
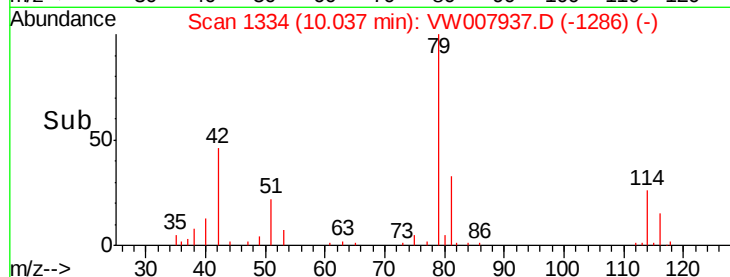
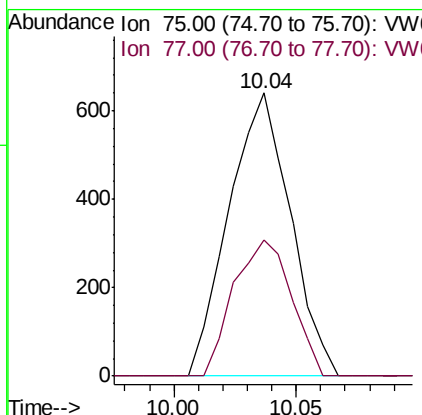
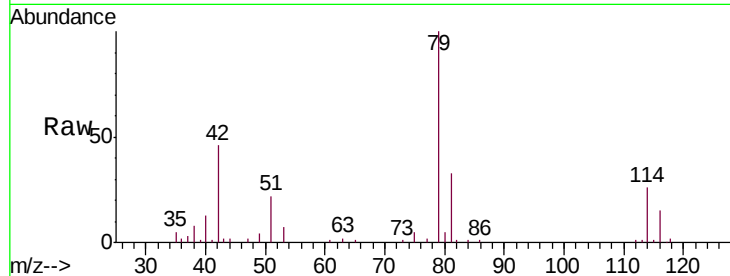




#42
 cis-1,3-Dichloropropene
 Concen: 0.572 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW007937.D
 Acq: 26 Dec 2018 21:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK01

Tgt Ion: 75 Resp: 1122
 Ion Ratio Lower Upper
 75 100
 77 48.1 23.0 42.8#



#49
 2-Hexanone
 Concen: 3.184 ug/L
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.04 min
 Lab File: VW007937.D
 Acq: 26 Dec 2018 21:51

Tgt Ion: 43 Resp: 2045
 Ion Ratio Lower Upper
 43 100
 58 22.7 46.2 69.4#
 57 17.8 17.9 26.9#
 100 0.0 11.4 17.2#

