

Data File : VW007930.D
Acq On : 26 Dec 2018 18:24
Operator : SY/AP
Sample : VIBLK82
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK82

Quant Time: Dec 27 00:48:25 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	101940	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	92802	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	45967	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	21173	21.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.32%
7) Chloroethane-d5	2.90	69	14937	22.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.28%
10) 1,1-Dichloroethene-d2	4.01	63	45465	16.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.88%
20) 2-Butanone-d5	7.08	46	17147	40.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.04%
24) Chloroform-d	7.65	84	58495	21.57	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.28%
26) 1,2-Dichloroethane-d4	8.31	65	36721	22.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.32%
29) Benzene-d6	8.27	84	114654	22.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.12%
33) 1,2-Dichloropropane-d6	9.27	67	31953	22.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.28%
37) Toluene-d8	10.32	98	111993	22.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.36%
38) trans-1,3-Dichloropropene-	10.58	79	17706	21.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.12%
39) 2-Hexanone-d5	10.93	63	14300	39.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.98%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	28404	20.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.40%
61) 1,2-Dichlorobenzene-d4	13.86	152	40532	21.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.32%

Target Compounds

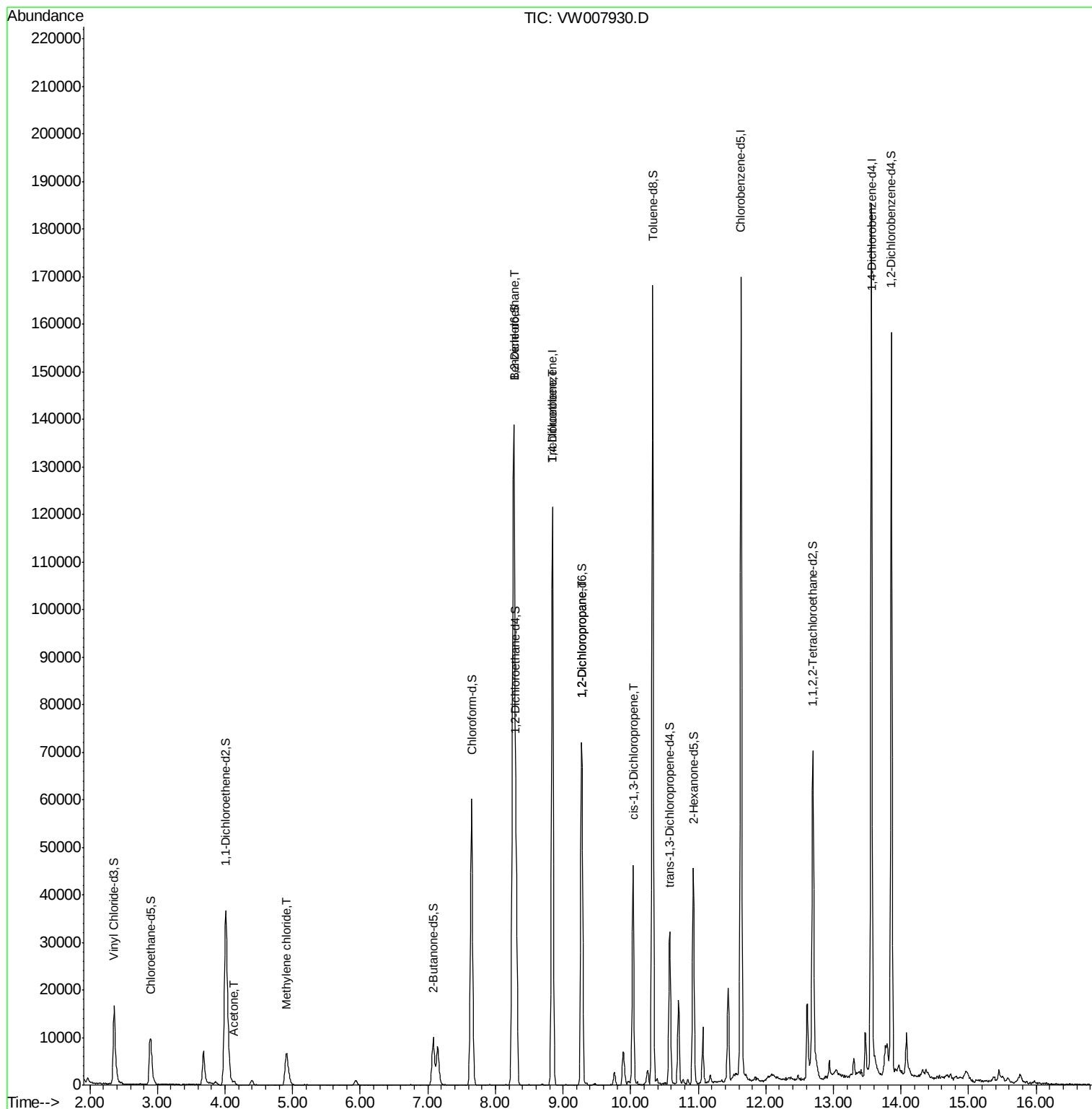
					Qvalue
13) Acetone	4.12	43	665	1.589 ug/L	82
16) Methylene chloride	4.90	84	2907	1.762 ug/L	99
27) 1,2-Dichloroethane	8.27	62	673	0.383 ug/L #	80
35) Trichloroethene	8.85	95	3281	2.274 ug/L #	5
40) 1,2-Dichloropropane	9.27	63	3962	3.394 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1265	0.621 ug/L #	77

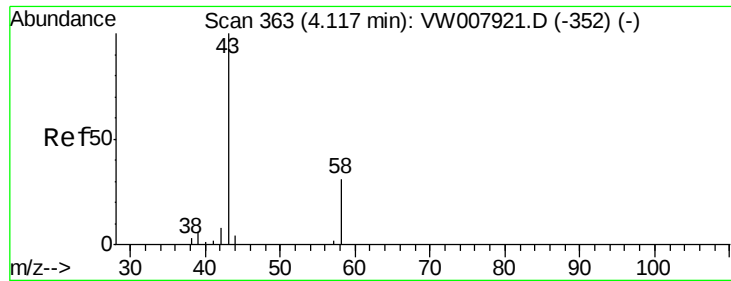
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.589 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007930.D

Acq: 26 Dec 2018 18:24

Instrument :

MSVOA_W

ClientSampleId :

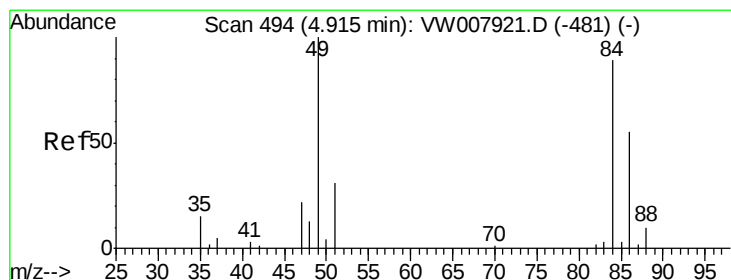
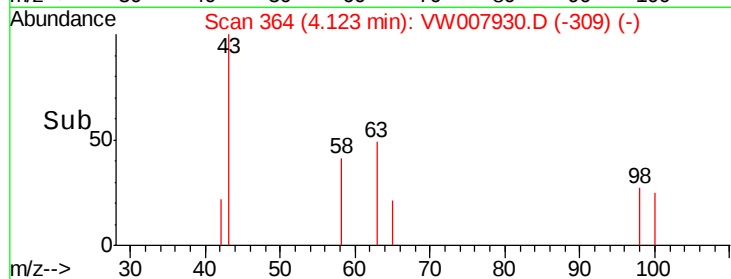
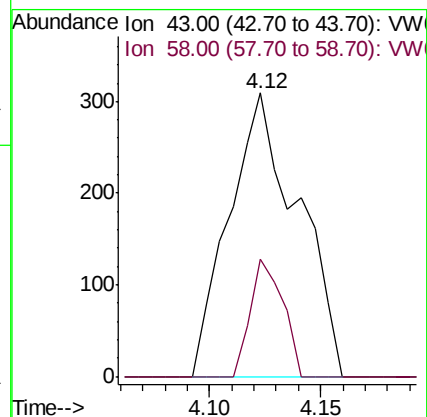
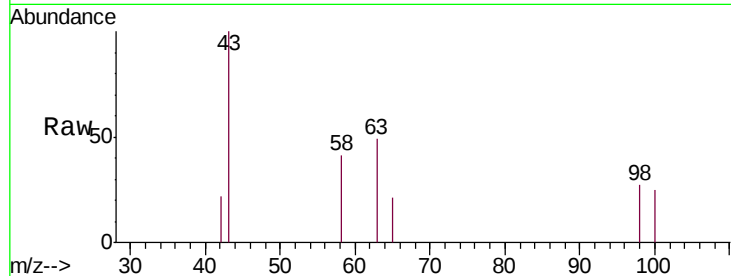
VIBLK82

Tgt Ion: 43 Resp: 665

Ion Ratio Lower Upper

43 100

58 19.7 0.0 58.6



#16

Methylene chloride

Concen: 1.762 ug/L

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

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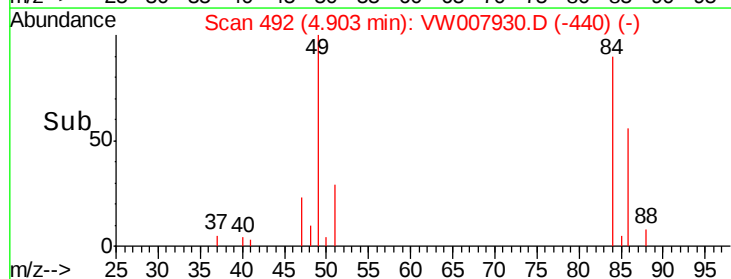
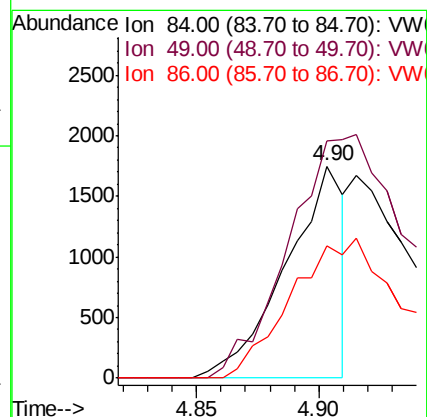
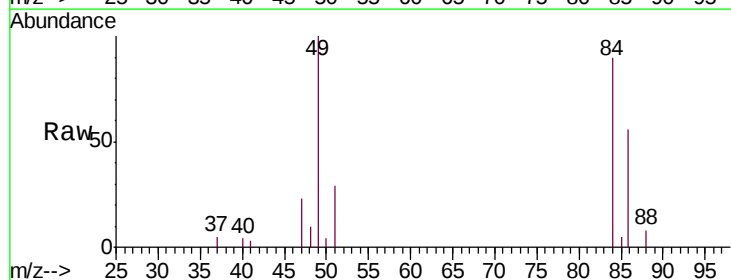
Tgt Ion: 84 Resp: 2907

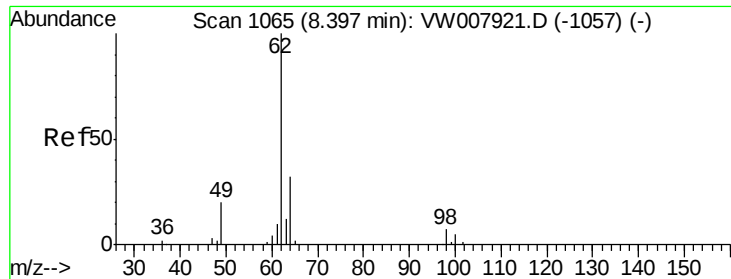
Ion Ratio Lower Upper

84 100

49 111.7 79.2 147.0

86 62.4 43.2 80.2

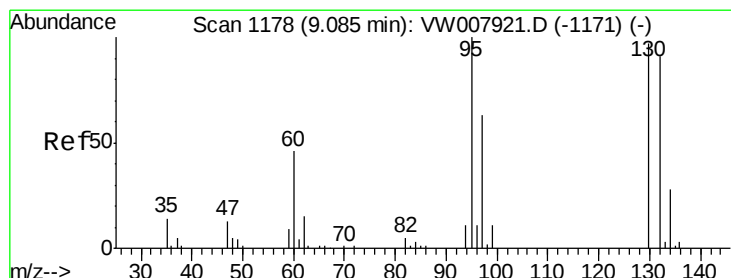
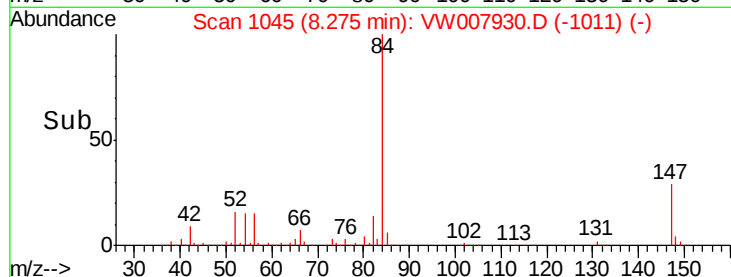
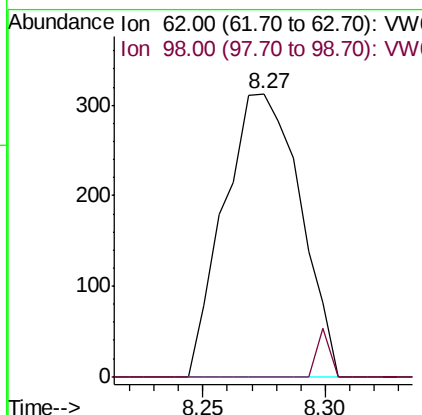
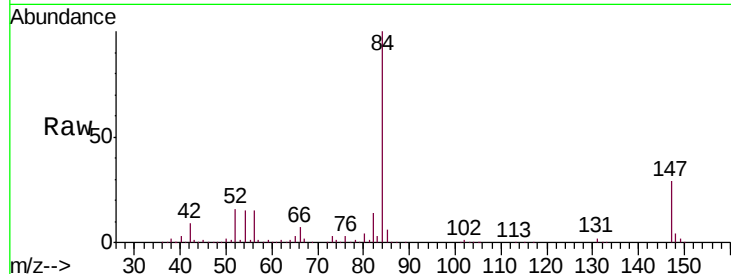




#27
 1,2-Dichloroethane
 Concen: 0.383 ug/L
 RT: 8.27 min Scan# 1045
 Delta R.T. -0.12 min
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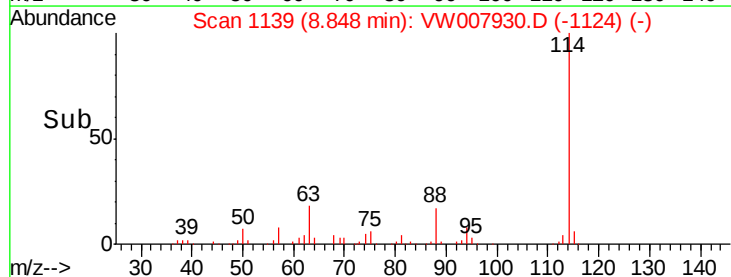
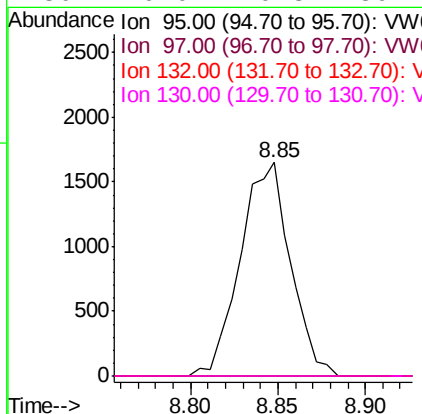
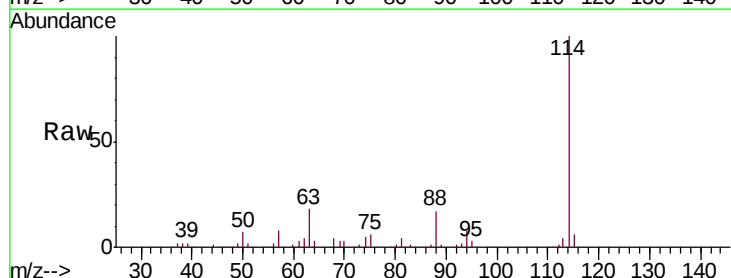
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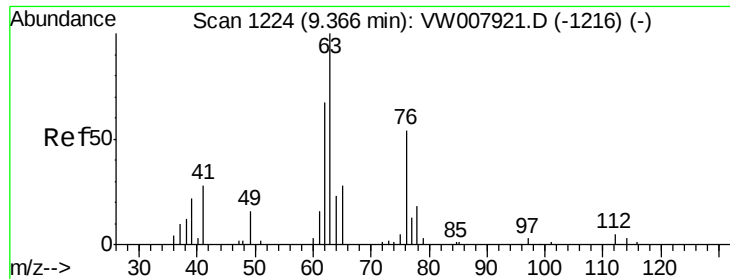
Tgt Ion: 62 Resp: 673
 Ion Ratio Lower Upper
 62 100
 98 0.0 5.4 8.2#



#35
 Trichloroethene
 Concen: 2.274 ug/L
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.24 min
 Lab File: VW007930.D
 Acq: 26 Dec 2018 18:24

Tgt Ion: 95 Resp: 3281
 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#

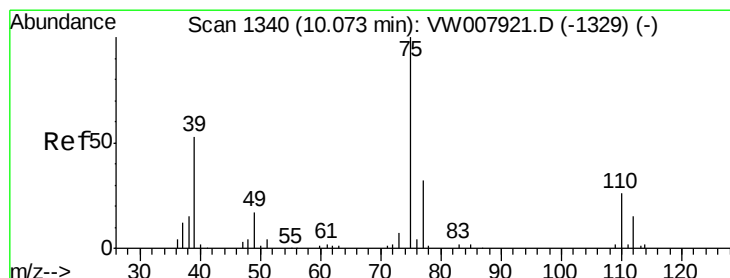
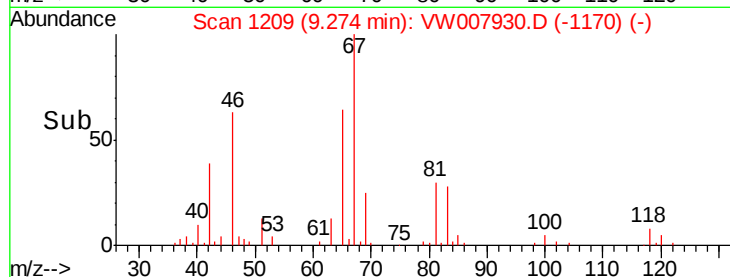
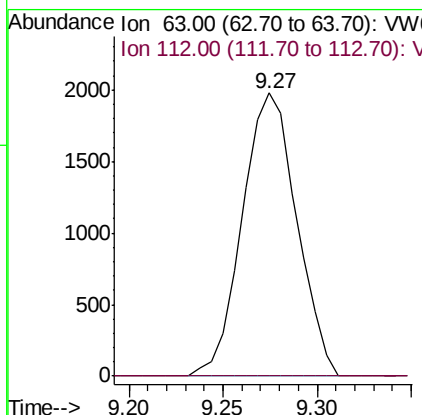
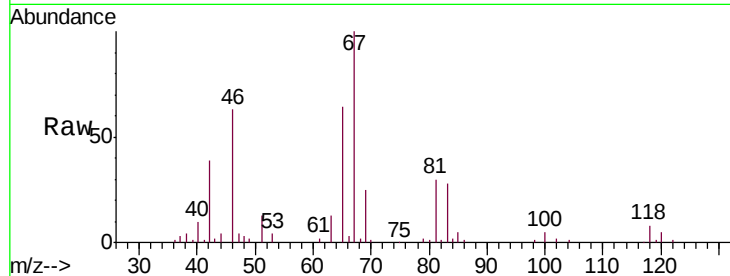




#40
 1,2-Dichloropropane
 Concen: 3.394 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.09 min
 Lab File: VW007930.D
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Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK82

Tgt Ion: 63 Resp: 3962
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#42
 cis-1,3-Dichloropropene
 Concen: 0.621 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW007930.D
 Acq: 26 Dec 2018 18:24

Tgt Ion: 75 Resp: 1265
 Ion Ratio Lower Upper
 75 100
 77 46.1 23.0 42.8#

