

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121218\
 Data File : VW007405.D
 Acq On : 11 Dec 2018 18:52
 Operator : SY/AP
 Sample : J6271-18
 Misc : 5.92G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 12 02:42:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 11 01:18:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	134778	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	121126	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	50965	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	23028	26.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.92%
7) Chloroethane-d5	2.90	69	16473	22.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.64%
10) 1,1-Dichloroethene-d2	4.01	63	56813	18.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.04%
20) 2-Butanone-d5	7.08	46	20507	37.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.12%
24) Chloroform-d	7.65	84	79189	24.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.64%
26) 1,2-Dichloroethane-d4	8.31	65	48843	26.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.96%
29) Benzene-d6	8.27	84	156585	23.80	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.20%
33) 1,2-Dichloropropane-d6	9.27	67	45576	24.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.12%
37) Toluene-d8	10.32	98	149556	24.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.00%
38) trans-1,3-Dichloropropene-	10.58	79	19696	20.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.08%
39) 2-Hexanone-d5	10.93	63	15534	34.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	40379	23.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.44%
61) 1,2-Dichlorobenzene-d4	13.86	152	45740	25.51	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.04%

Target Compounds

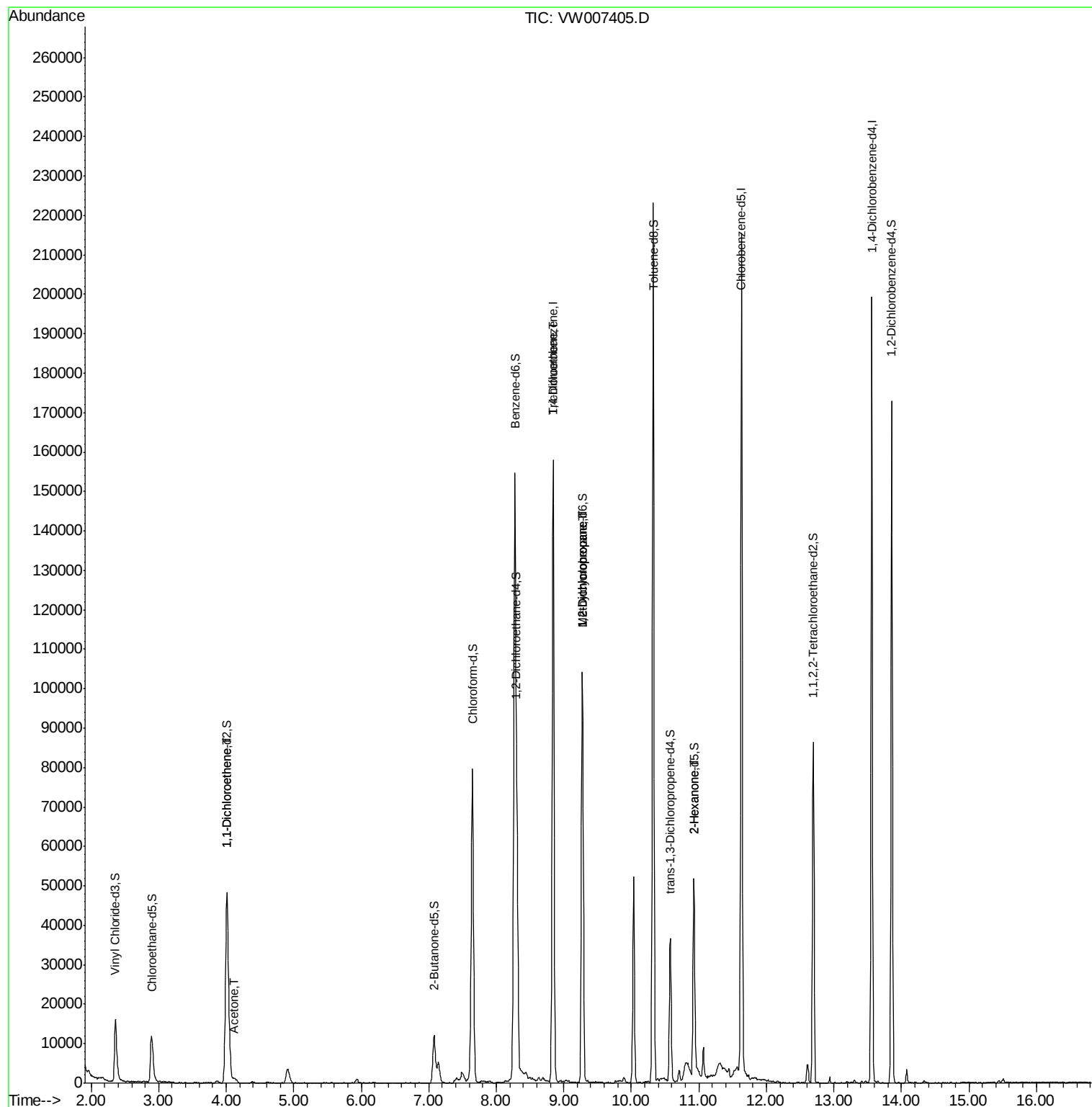
					Ovalue
12) 1,1-Dichloroethene	4.01	96	444	0.281 ug/L #	1
13) Acetone	4.12	43	1348	2.095 ug/L	60
35) Trichloroethene	8.84	95	4237	2.128 ug/L #	4
36) Methylcyclohexane	9.27	83	12209	3.552 ug/L #	20
40) 1,2-Dichloropropane	9.27	63	5508	3.243 ug/L #	86
49) 2-Hexanone	10.93	43	2192	2.320 ug/L #	67

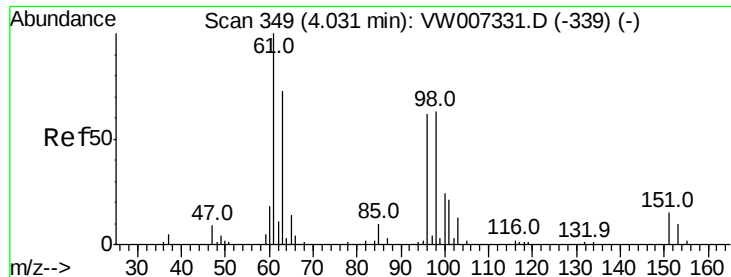
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.281 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.02 min

Lab File: VW007405.D

Acq: 11 Dec 2018 18:52

Instrument :

MSVOA_W

ClientSampleId :

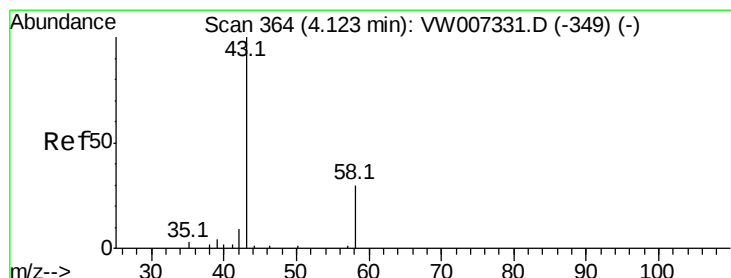
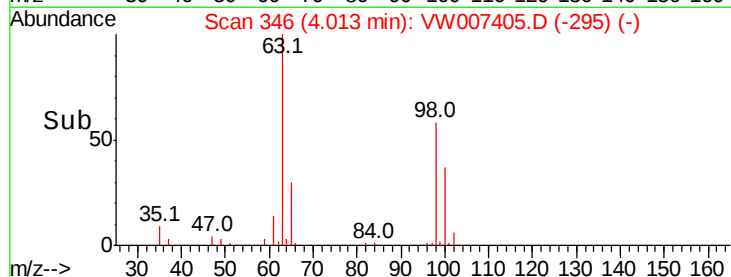
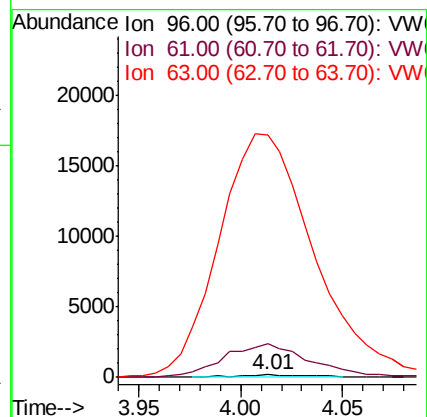
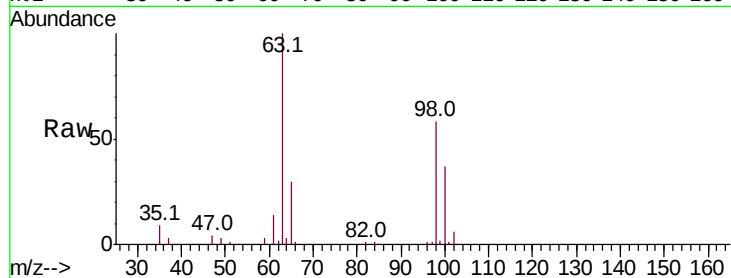
Tot Ion: 96 Resp: 444

Ion Ratio Lower Upper

96 100

61 1342.0 117.2 217.8#

63 9772.7 89.7 166.7#



#13

Acetone

Concen: 2.095 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW007405.D

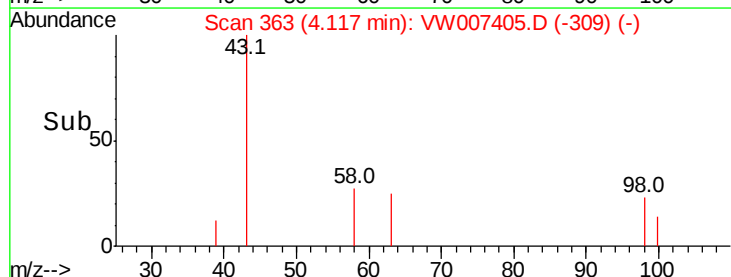
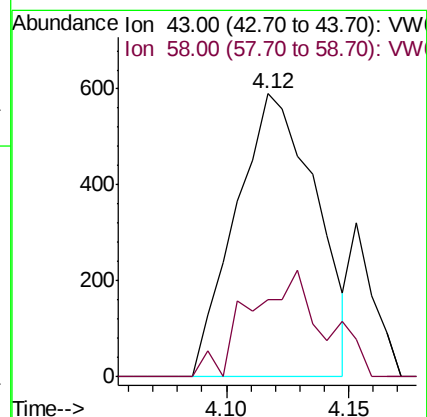
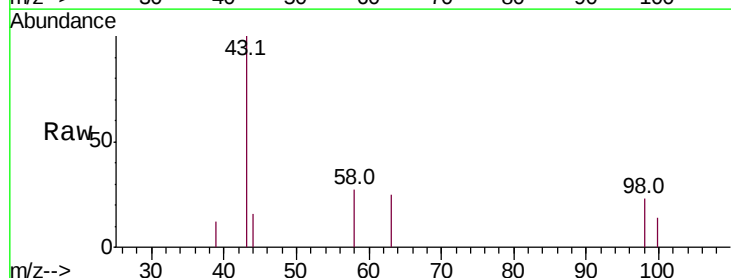
Acq: 11 Dec 2018 18:52

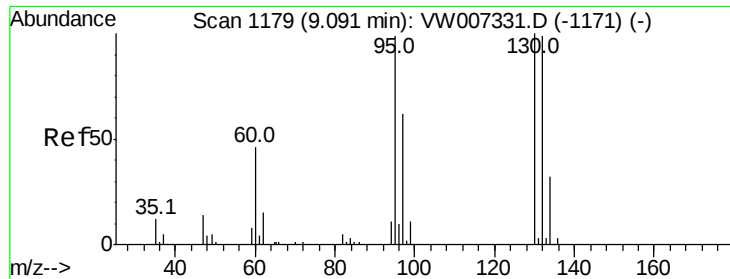
Tgt Ion: 43 Resp: 1348

Ion Ratio Lower Upper

43 100

58 8.0 0.0 59.2





#35

Trichloroethene

Concen: 2.128 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW007405.D

Acq: 11 Dec 2018 18:52

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 4237

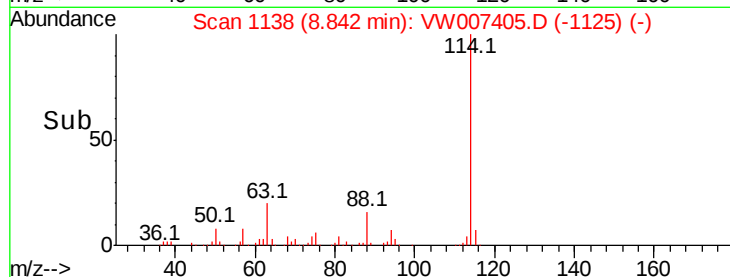
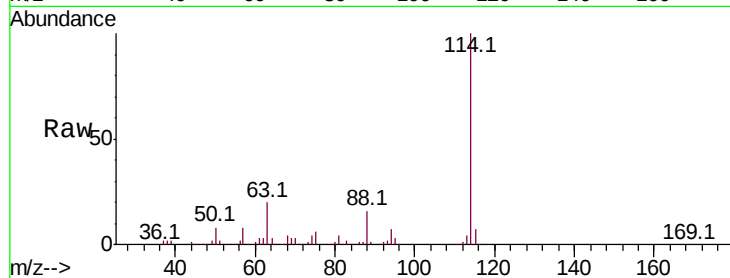
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.0#

132 0.0 68.0 126.4#

130 0.0 71.6 133.0#

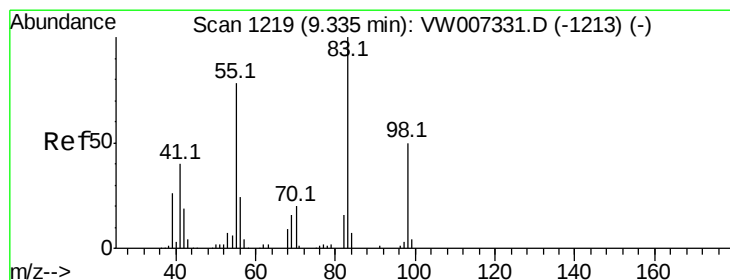
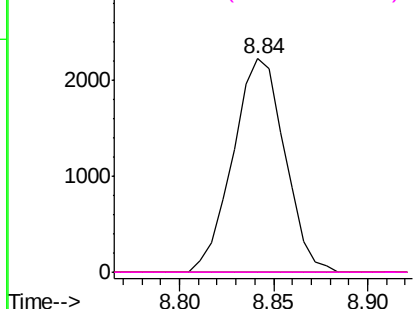


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#36

Methylcyclohexane

Concen: 3.552 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW007405.D

Acq: 11 Dec 2018 18:52

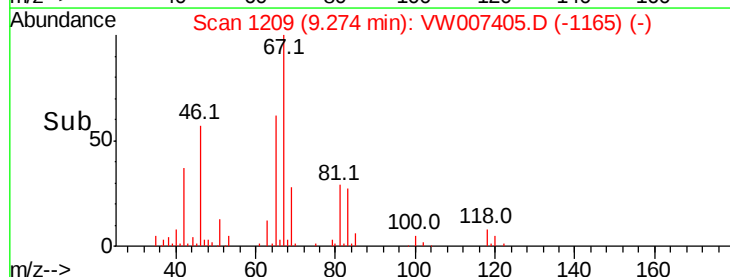
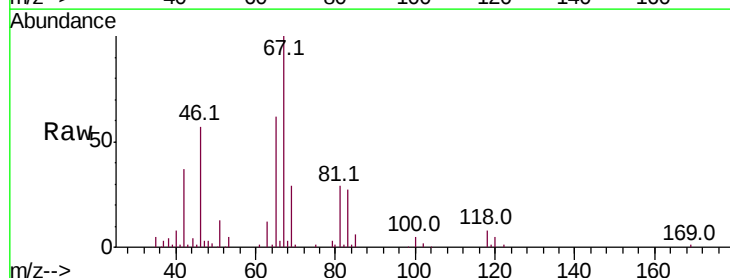
Tgt Ion: 83 Resp: 12209

Ion Ratio Lower Upper

83 100

55 0.0 59.4 89.2#

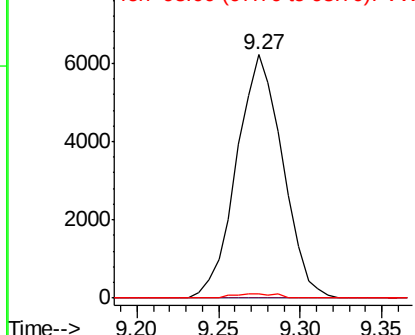
98 1.1 38.1 57.1#

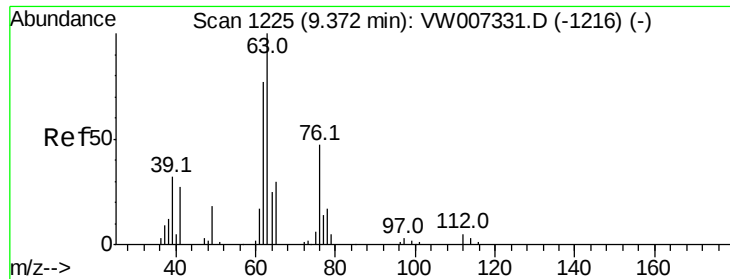


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

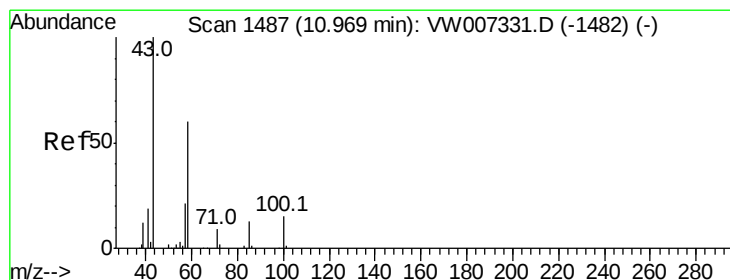
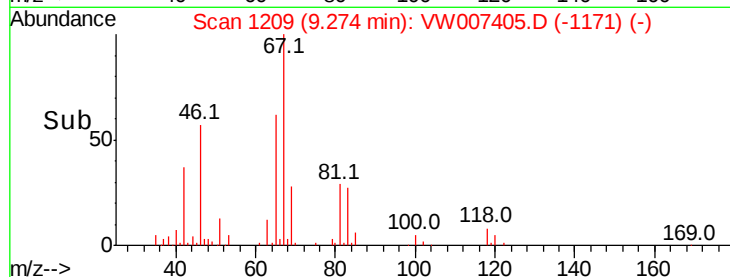
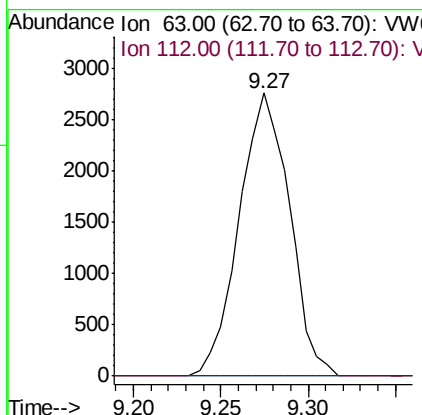
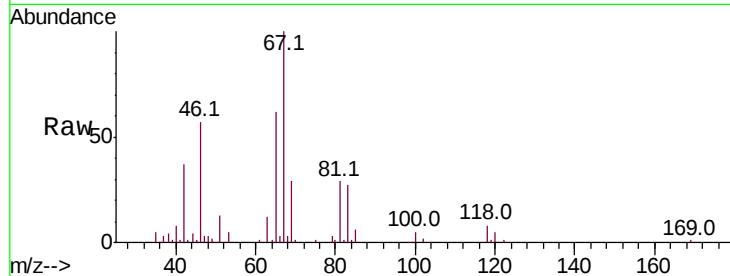




#40
 1,2-Dichloropropane
 Concen: 3.243 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW007405.D
 Acq: 11 Dec 2018 18:52

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 63 Resp: 5508
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#49
 2-Hexanone
 Concen: 2.320 ug/L
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.04 min
 Lab File: VW007405.D
 Acq: 11 Dec 2018 18:52

Tgt Ion: 43 Resp: 2192
 Ion Ratio Lower Upper
 43 100
 58 25.3 47.2 70.8#
 57 25.7 17.6 26.4
 100 6.2 12.2 18.2#

