

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100318\
 Data File : VW005817.D
 Acq On : 03 Oct 2018 16:21
 Operator : SY/AP
 Sample : J5181-10
 Misc : 3.92G/105ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 04 05:18:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 04 05:16:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	164883	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	176969	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	74448	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	30441	14.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.92%
7) Chloroethane-d5	2.89	69	28484	17.37	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.48%
10) 1,1-Dichloroethene-d2	4.01	63	59168	12.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.56%
20) 2-Butanone-d5	7.08	46	31720	47.01	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.02%
24) Chloroform-d	7.65	84	99554	23.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	8.31	65	60632	23.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.52%
29) Benzene-d6	8.27	84	160140	18.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.12%
33) 1,2-Dichloropropane-d6	9.28	67	50819	20.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	80.28%
37) Toluene-d8	10.33	98	152176	17.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.40%
38) trans-1,3-Dichloropropene-	10.58	79	24449	18.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.52%
39) 2-Hexanone-d5	10.93	63	23912	40.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.66%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	54217	22.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	62807	23.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.36%

Target Compounds

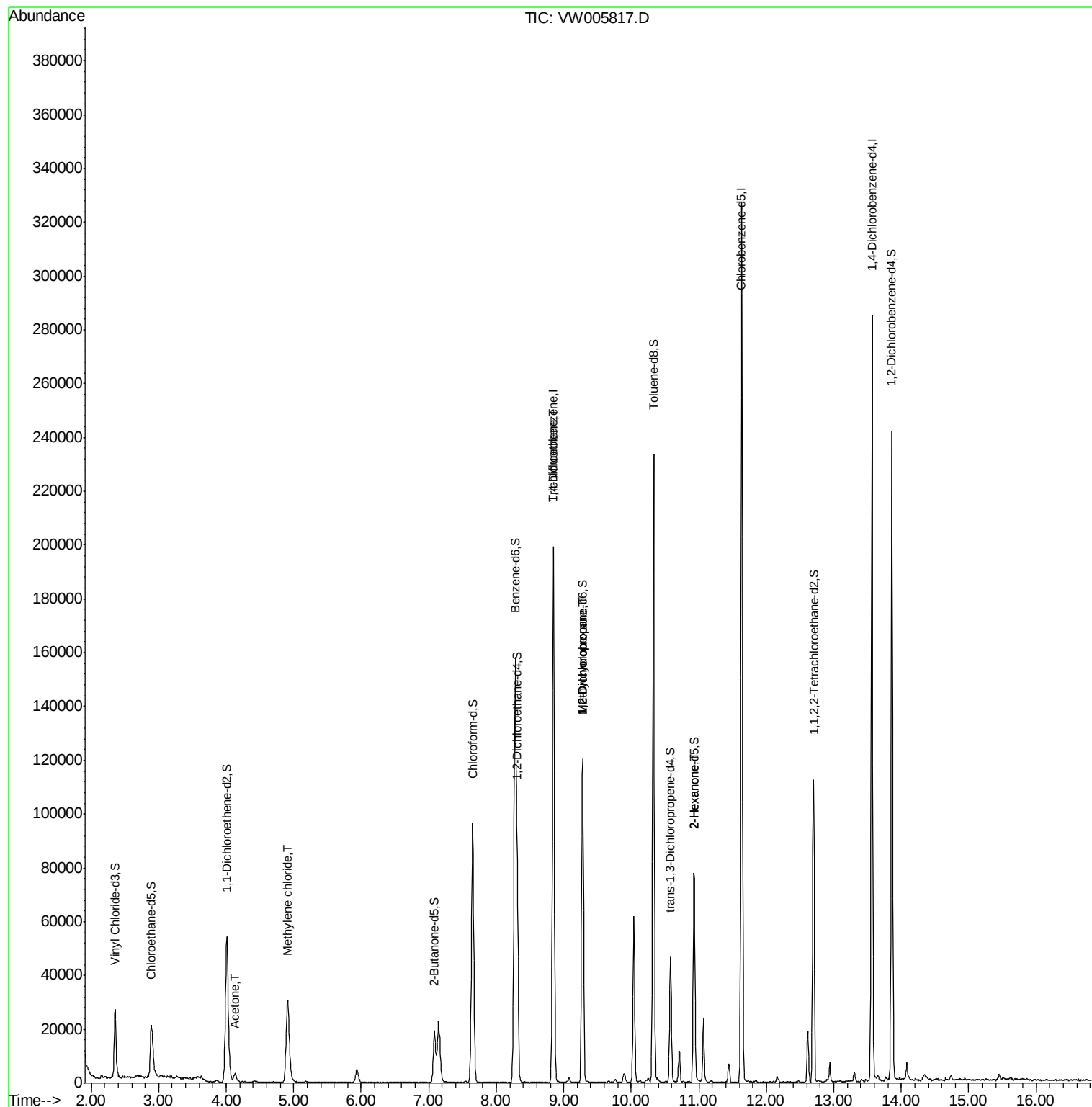
					Ovalue
13) Acetone	4.14	43	4889	6.957 ug/L	86
16) Methylene chloride	4.91	84	25281	9.299 ug/L	92
35) Trichloroethene	8.85	95	5137	1.920 ug/L #	5
36) Methylcyclohexane	9.28	83	13724	2.950 ug/L #	19
40) 1,2-Dichloropropane	9.27	63	6567	2.695 ug/L #	87
49) 2-Hexanone	10.93	43	4120	2.951 ug/L #	70

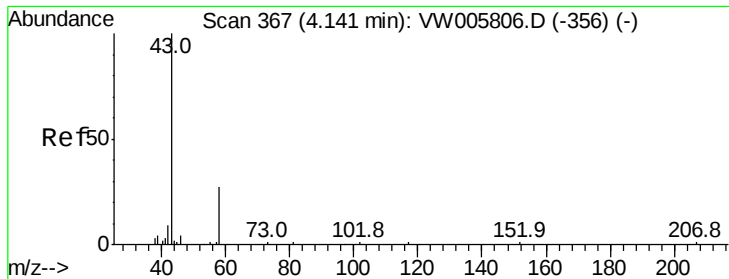
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Oct 04 05:16:38 2018
Response via : Initial Calibration





#13

Acetone

Concen: 6.957 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW005817.D

Acq: 03 Oct 2018 16:21

Instrument :

MSVOA_W

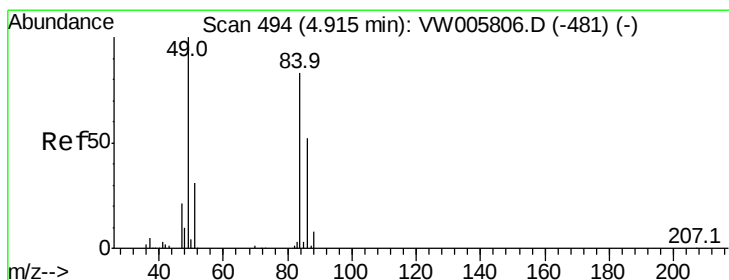
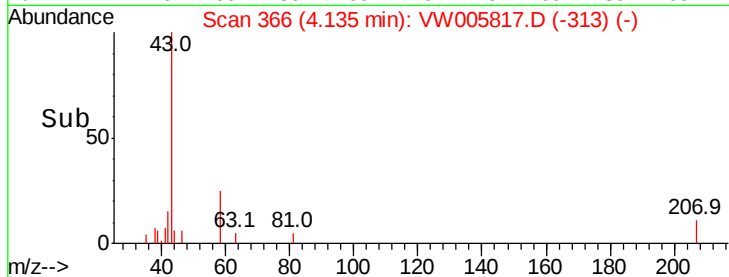
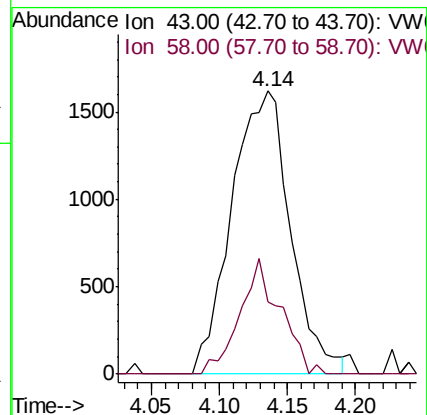
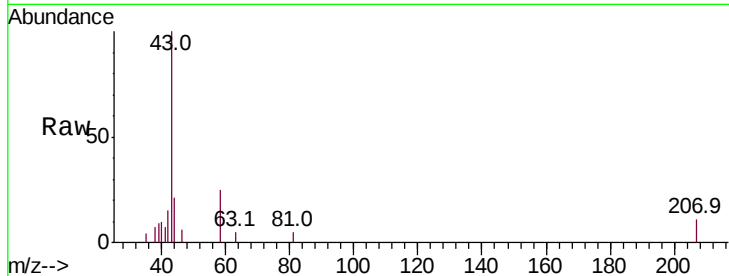
ClientSampleId :

Tot Ion: 43 Resp: 4889

Ion Ratio Lower Upper

43 100

58 21.7 0.0 31.8



#16

Methylene chloride

Concen: 9.299 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW005817.D

Acq: 03 Oct 2018 16:21

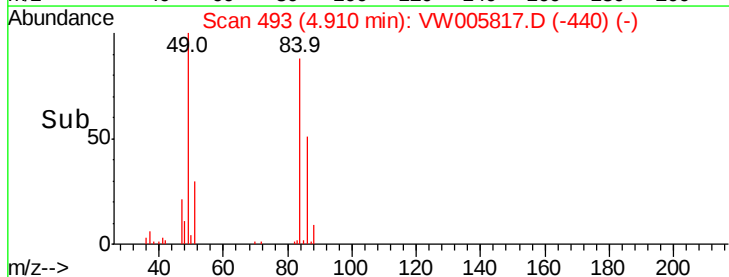
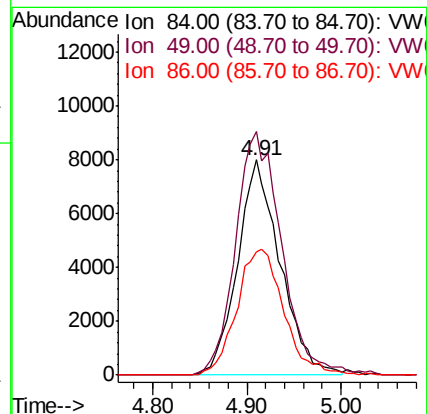
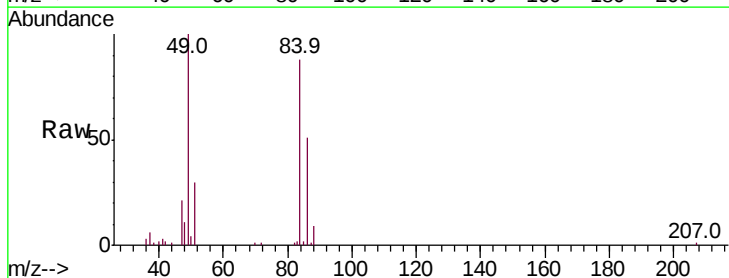
Tgt Ion: 84 Resp: 25281

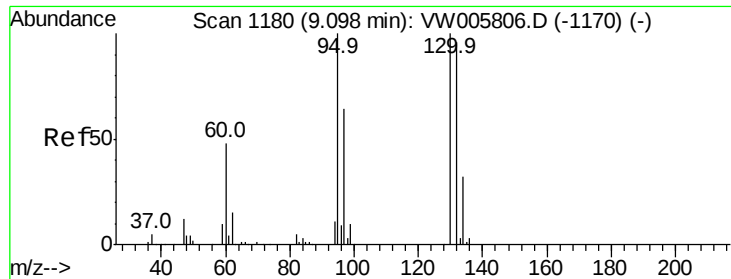
Ion Ratio Lower Upper

84 100

49 113.3 87.2 162.0

86 57.5 43.2 80.2





#35

Trichloroethene

Concen: 1.920 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.25 min

Lab File: VW005817.D

Acq: 03 Oct 2018 16:21

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 5137

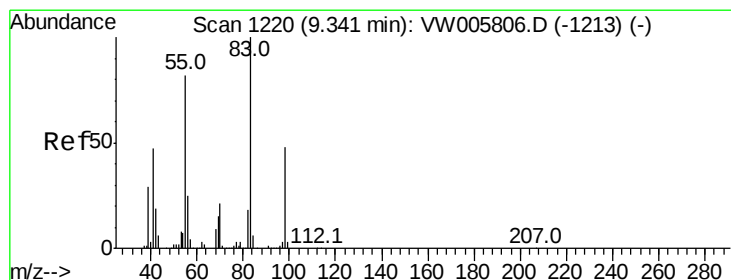
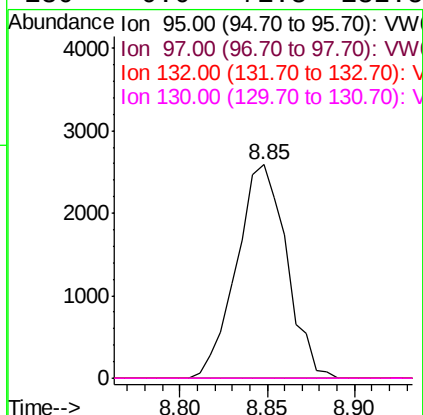
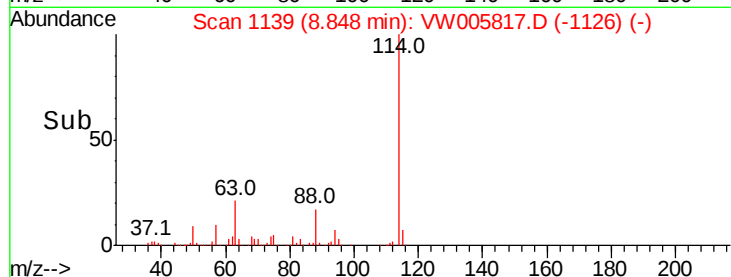
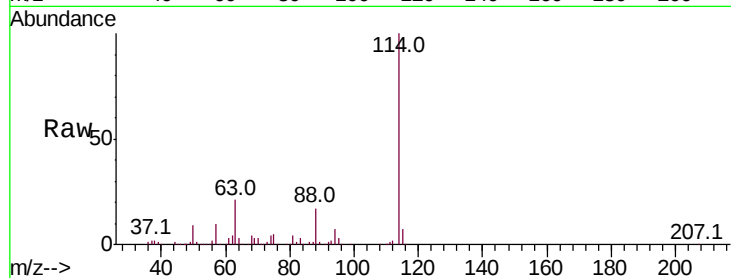
Ion Ratio Lower Upper

95 100

97 0.0 45.2 84.0#

132 0.0 68.0 126.4#

130 0.0 71.3 132.5#



#36

Methylcyclohexane

Concen: 2.950 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.06 min

Lab File: VW005817.D

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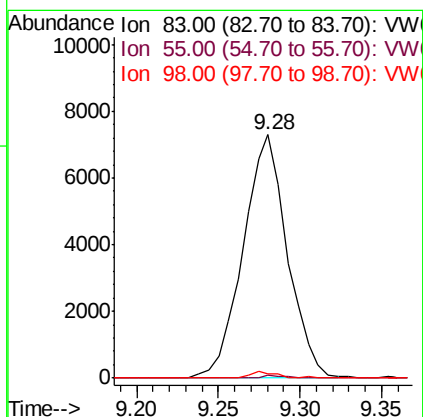
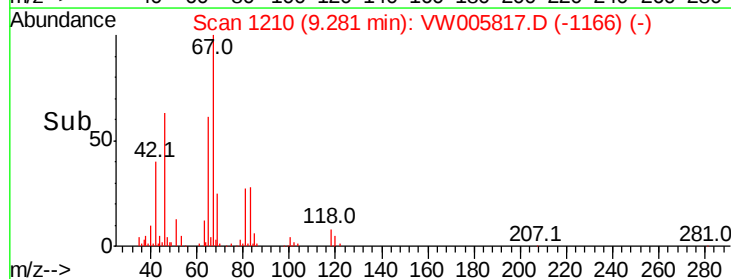
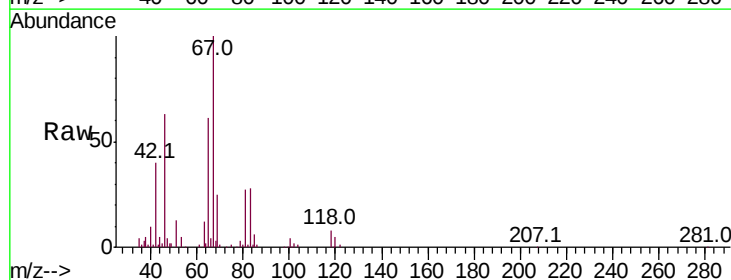
Tgt Ion: 83 Resp: 13724

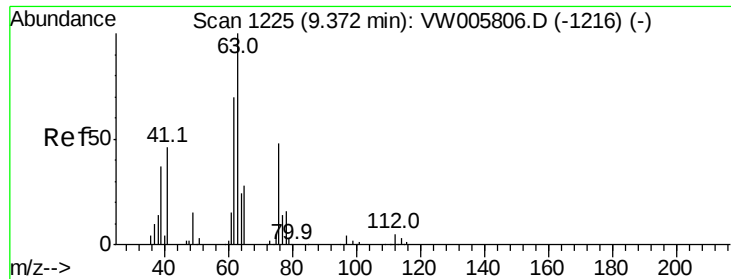
Ion Ratio Lower Upper

83 100

55 0.5 62.5 93.7#

98 1.4 37.7 56.5#

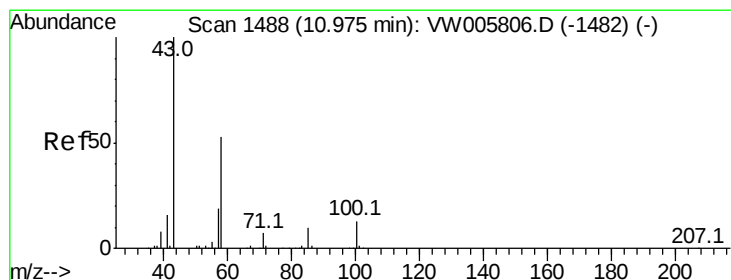
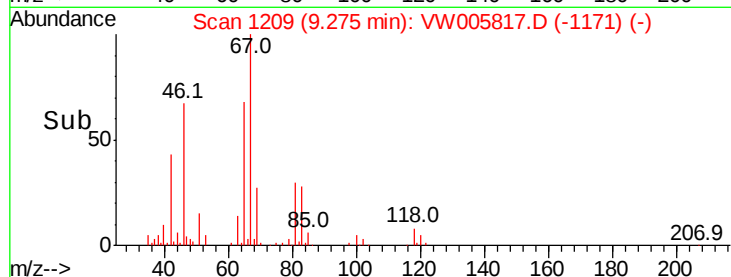
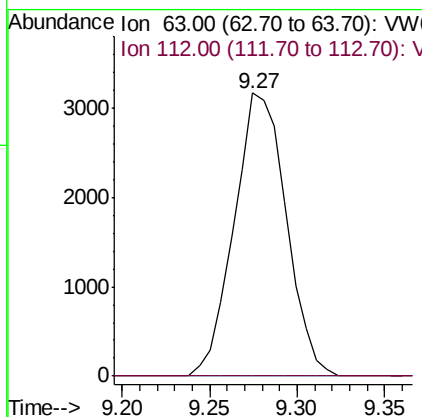
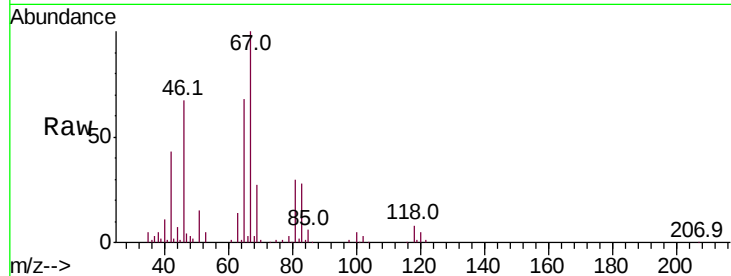




#40
 1,2-Dichloropropane
 Concen: 2.695 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW005817.D
 Acq: 03 Oct 2018 16:21

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 63 Resp: 6567
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#49
 2-Hexanone
 Concen: 2.951 ug/L
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.05 min
 Lab File: VW005817.D
 Acq: 03 Oct 2018 16:21

Tgt Ion: 43 Resp: 4120
 Ion Ratio Lower Upper
 43 100
 58 29.4 42.0 63.0#
 57 29.7 15.7 23.5#
 100 1.3 9.7 14.5#

