

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100318\
 Data File : VW005809.D
 Acq On : 03 Oct 2018 12:54
 Operator : SY/AP
 Sample : J5182-18
 Misc : 4.95G/105ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 04 05:17:16 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	203078	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	192646	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	83091	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	37075	14.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.28%
7) Chloroethane-d5	2.90	69	33154	16.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.64%
10) 1,1-Dichloroethene-d2	4.01	63	68202	12.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.28%
20) 2-Butanone-d5	7.09	46	42735	51.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.84%
24) Chloroform-d	7.65	84	115802	22.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	8.31	65	75595	23.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.68%
29) Benzene-d6	8.27	84	195621	20.51	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.04%
33) 1,2-Dichloropropane-d6	9.28	67	65022	23.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.36%
37) Toluene-d8	10.33	98	169012	17.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.80%
38) trans-1,3-Dichloropropene-	10.58	79	28430	19.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.56%
39) 2-Hexanone-d5	10.93	63	31775	49.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.46%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	66375	24.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	67361	22.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.64%

Target Compounds

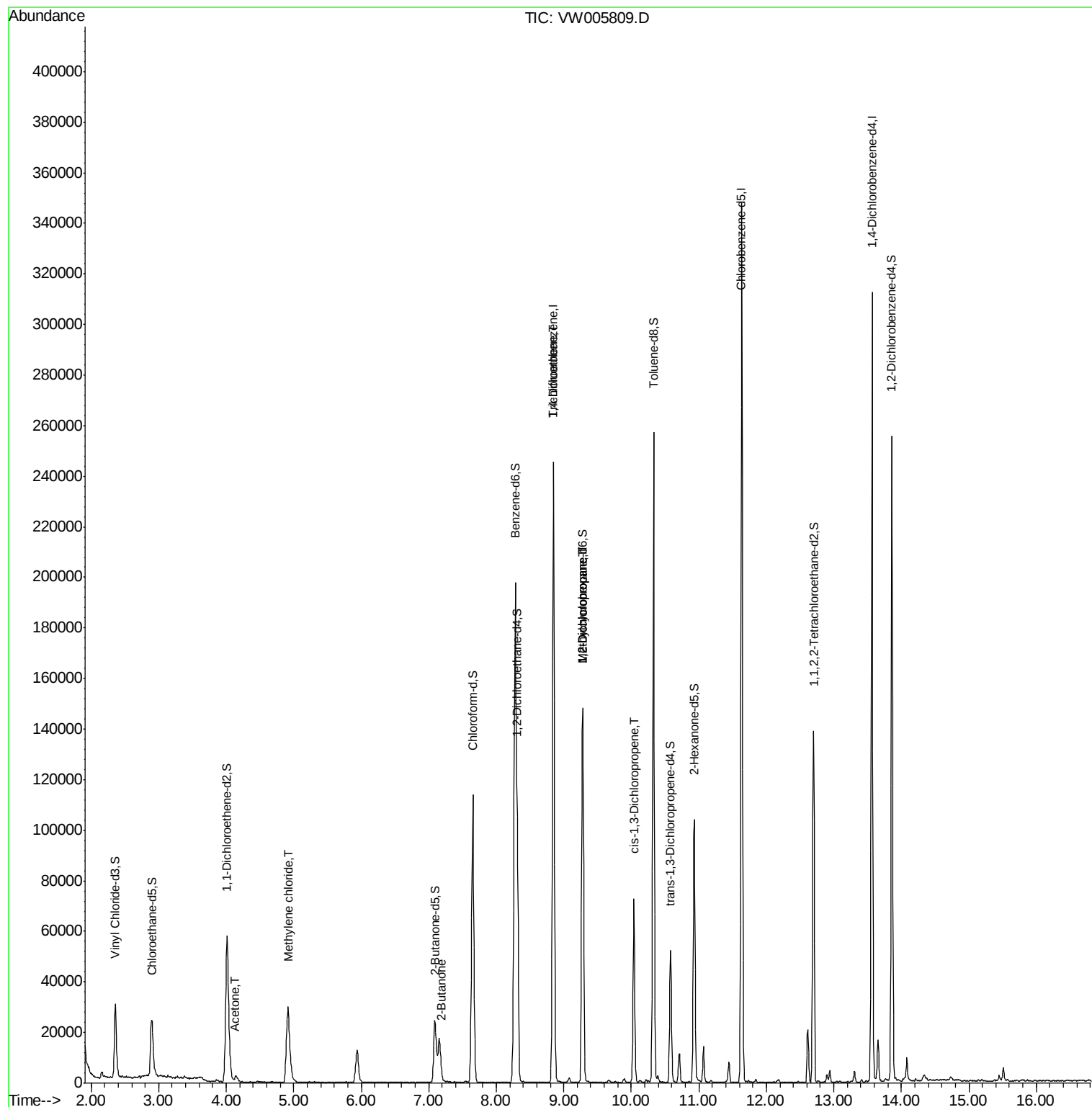
					Ovalue
13) Acetone	4.14	43	2573	2.973 ug/L	97
16) Methylene chloride	4.92	84	25992	7.762 ug/L	93
21) 2-Butanone	7.19	43	476	0.459 ug/L #	49
35) Trichloroethene	8.85	95	6635	2.278 ug/L #	5
36) Methylcyclohexane	9.28	83	16729	3.304 ug/L #	19
40) 1,2-Dichloropropane	9.28	63	7857	2.962 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	1922	0.439 ug/L #	62

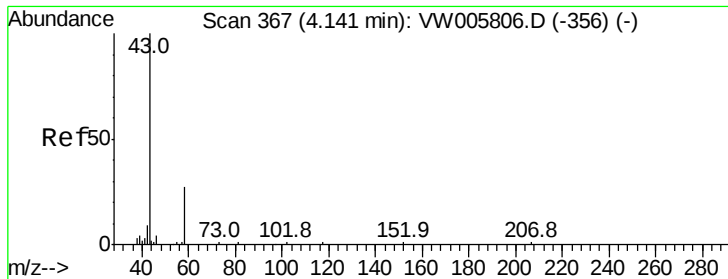
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 2.973 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW005809.D

Acq: 03 Oct 2018 12:54

Instrument :

MSVOA_W

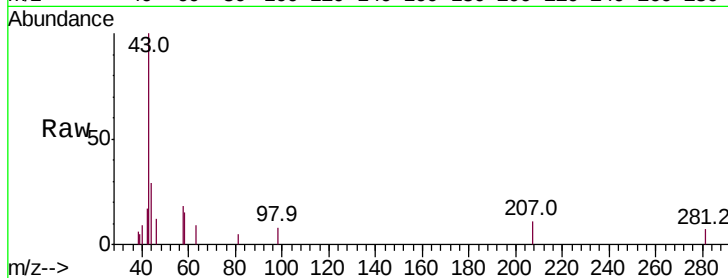
ClientSampled :

Tot Ion: 43 Resp: 2573

Ion Ratio Lower Upper

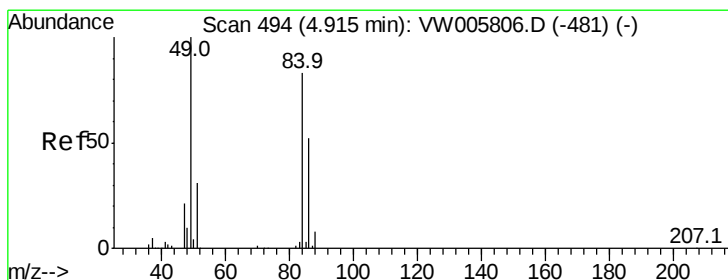
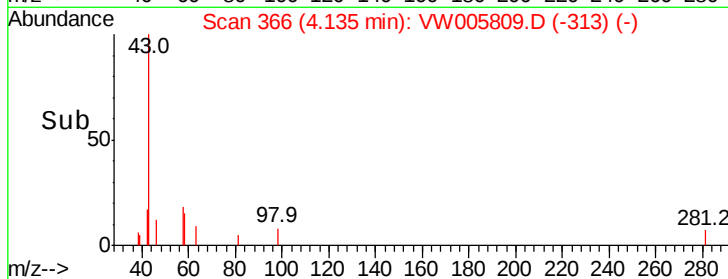
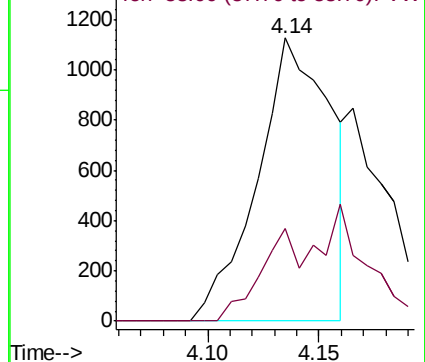
43 100

58 17.1 0.0 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 7.762 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW005809.D

Acq: 03 Oct 2018 12:54

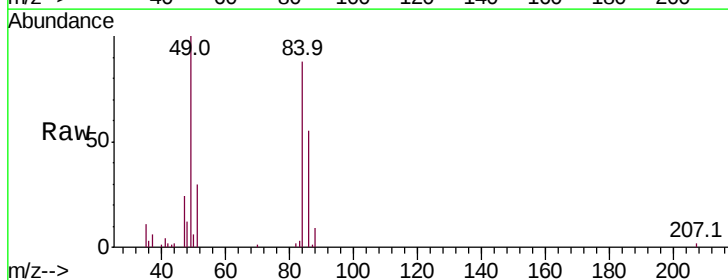
Tgt Ion: 84 Resp: 25992

Ion Ratio Lower Upper

84 100

49 114.1 87.2 162.0

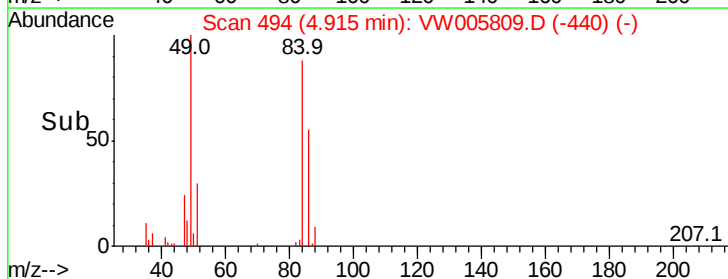
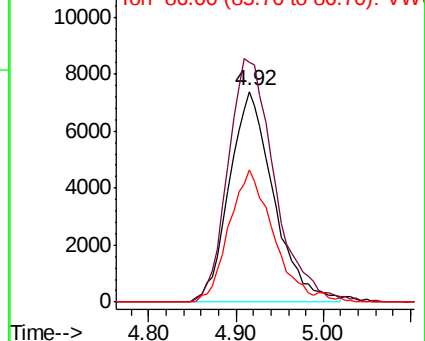
86 62.7 43.2 80.2

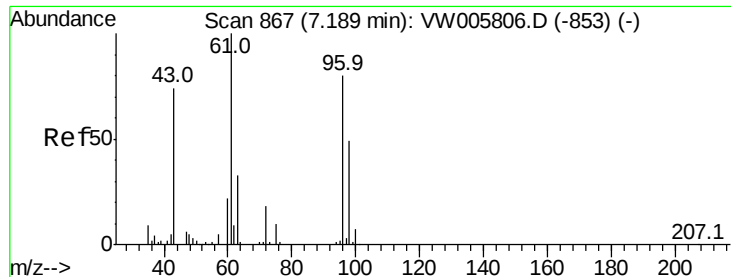


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 0.459 ug/L

RT: 7.19 min Scan# 867

Delta R.T. -0.00 min

Lab File: VW005809.D

Acq: 03 Oct 2018 12:54

Instrument :

MSVOA_W

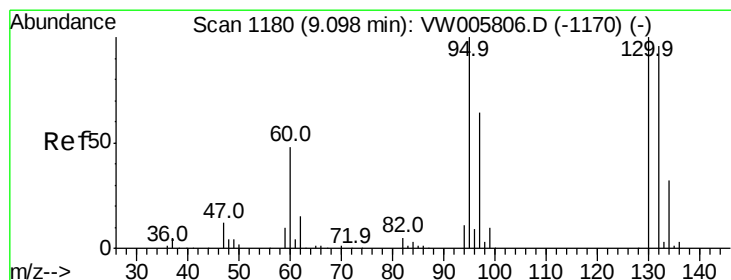
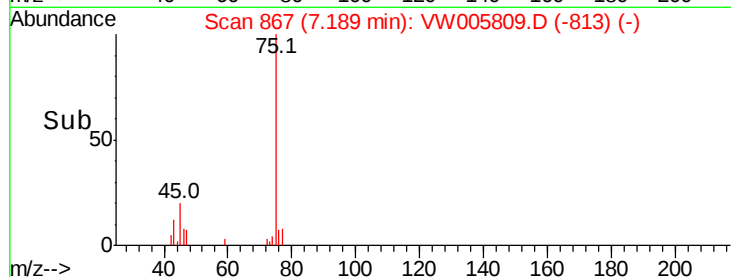
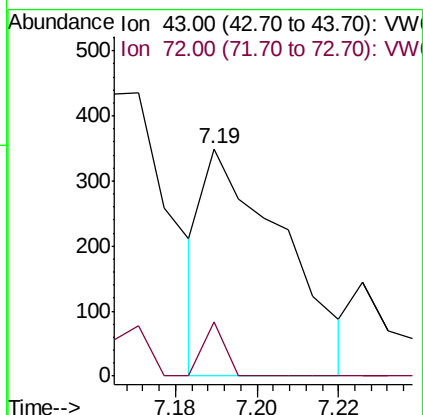
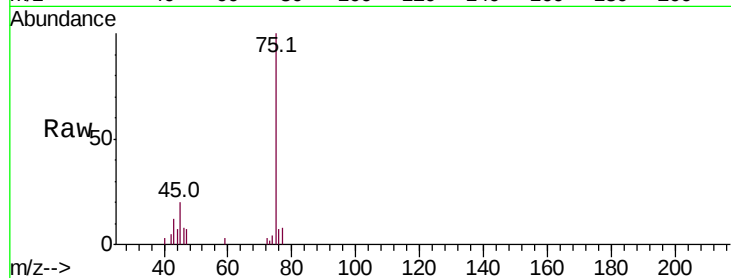
ClientSampleId :

Tot Ion: 43 Resp: 476

Ion Ratio Lower Upper

43 100

72 0.0 13.2 39.6#



#35

Trichloroethene

Concen: 2.278 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.25 min

Lab File: VW005809.D

Acq: 03 Oct 2018 12:54

Tgt Ion: 95 Resp: 6635

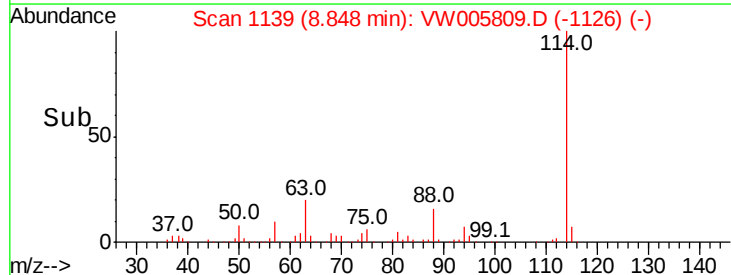
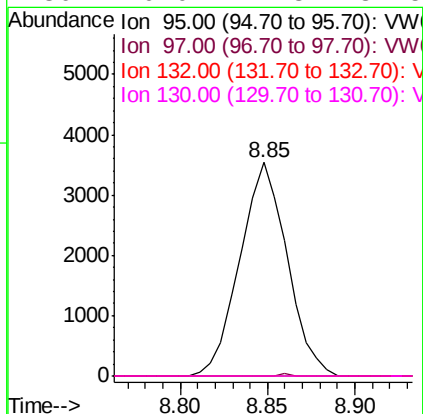
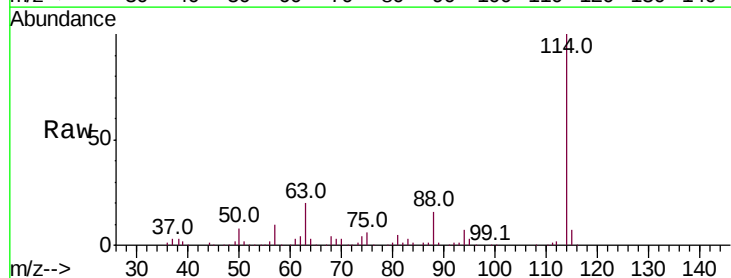
Ion Ratio Lower Upper

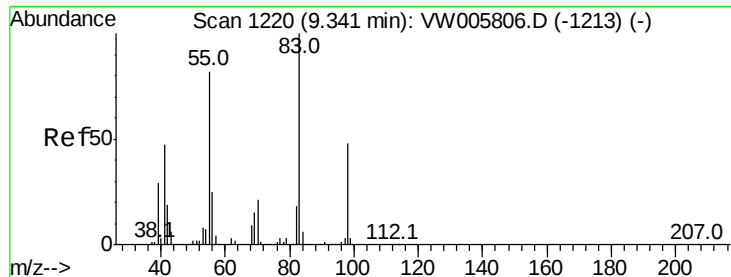
95 100

97 0.0 45.2 84.0#

132 0.0 68.0 126.4#

130 0.0 71.3 132.5#

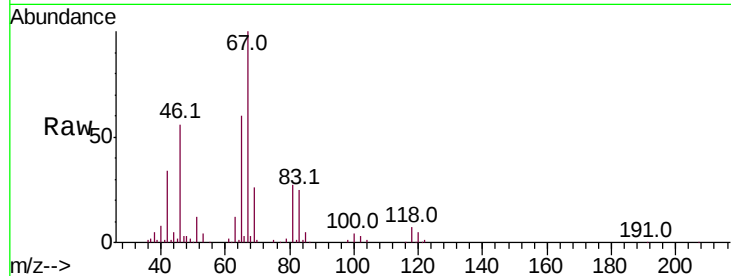




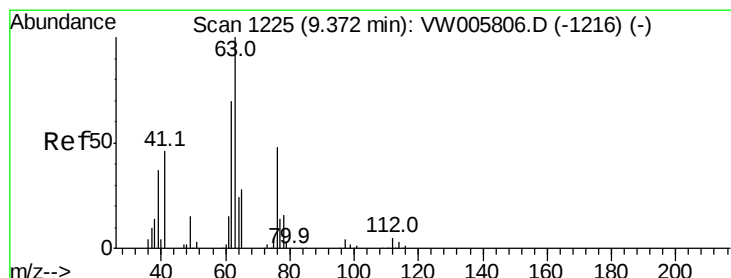
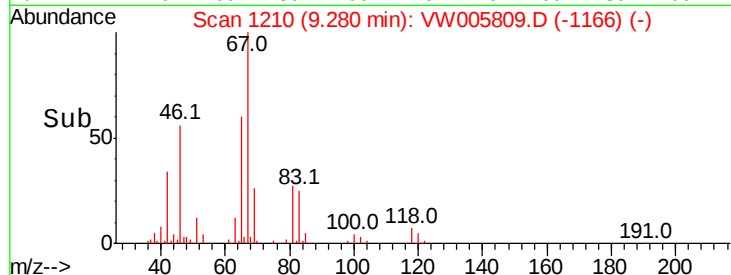
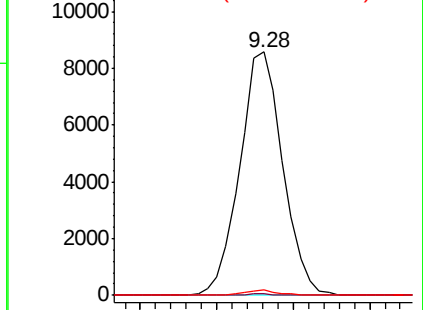
#36
Methvlcvclohexane
Concen: 3.304 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.06 min
Lab File: VW005809.D
Acq: 03 Oct 2018 12:54

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 83 Resp: 16729
Ion Ratio Lower Upper
83 100
55 0.2 62.5 93.7#
98 1.7 37.7 56.5#

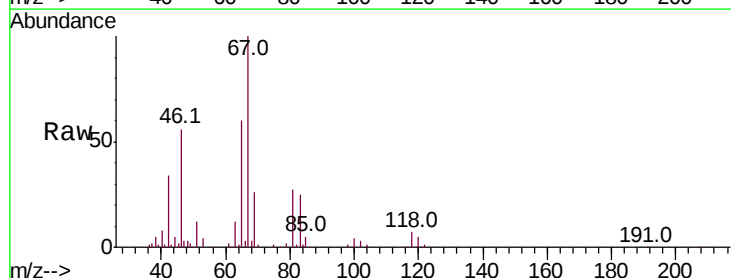


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

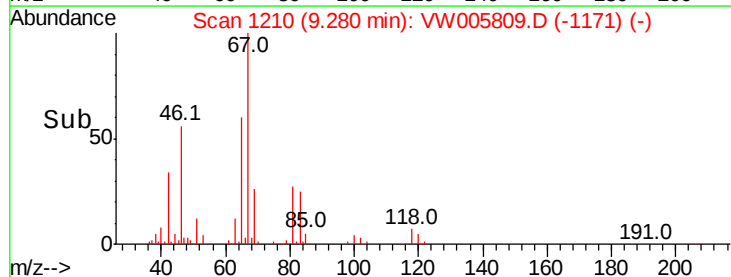
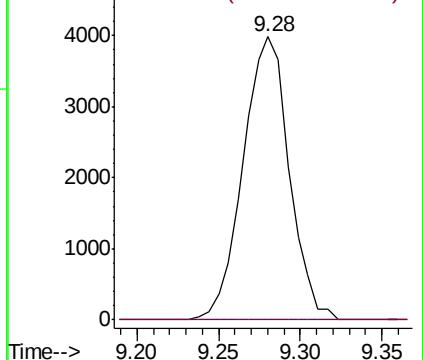


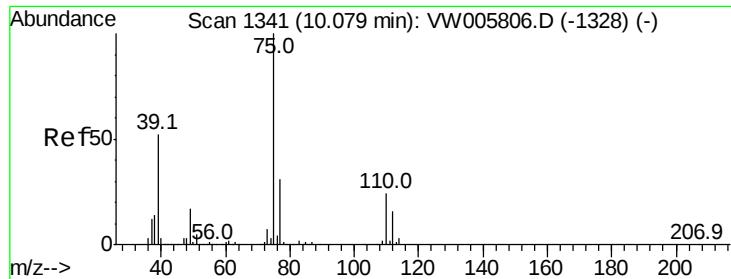
#40
1,2-Dichloropropane
Concen: 2.962 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW005809.D
Acq: 03 Oct 2018 12:54

Tgt Ion: 63 Resp: 7857
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



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: 0.439 ug/L
 RT: 10.04 min Scan# 1335
 Delta R.T. -0.04 min
 Lab File: VW005809.D
 Acq: 03 Oct 2018 12:54

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 1922
 Ion Ratio Lower Upper
 75 100
 77 53.0 22.3 41.3#

