

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121018\
 Data File : VW007357.D
 Acq On : 10 Dec 2018 15:01
 Operator : SY/AP
 Sample : J6270-09
 Misc : 6.18G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 11 01:21:18 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	32851	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	25654	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	8600	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	6146	28.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.88%
7) Chloroethane-d5	2.89	69	4850	26.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.04%
10) 1,1-Dichloroethene-d2	4.01	63	14730	19.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.84%
20) 2-Butanone-d5	7.08	46	4359	32.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.64%
24) Chloroform-d	7.65	84	19729	25.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.84%
26) 1,2-Dichloroethane-d4	8.31	65	11793	26.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.96%
29) Benzene-d6	8.27	84	39032	28.01	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.04%
33) 1,2-Dichloropropane-d6	9.27	67	11157	28.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.24%
37) Toluene-d8	10.32	98	35530	27.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.80%
38) trans-1,3-Dichloropropene-	10.59	79	4708	23.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.64%
39) 2-Hexanone-d5	10.92	63	3298	34.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	7372	20.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.40%
61) 1,2-Dichlorobenzene-d4	13.86	152	7452	24.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.52%

Target Compounds

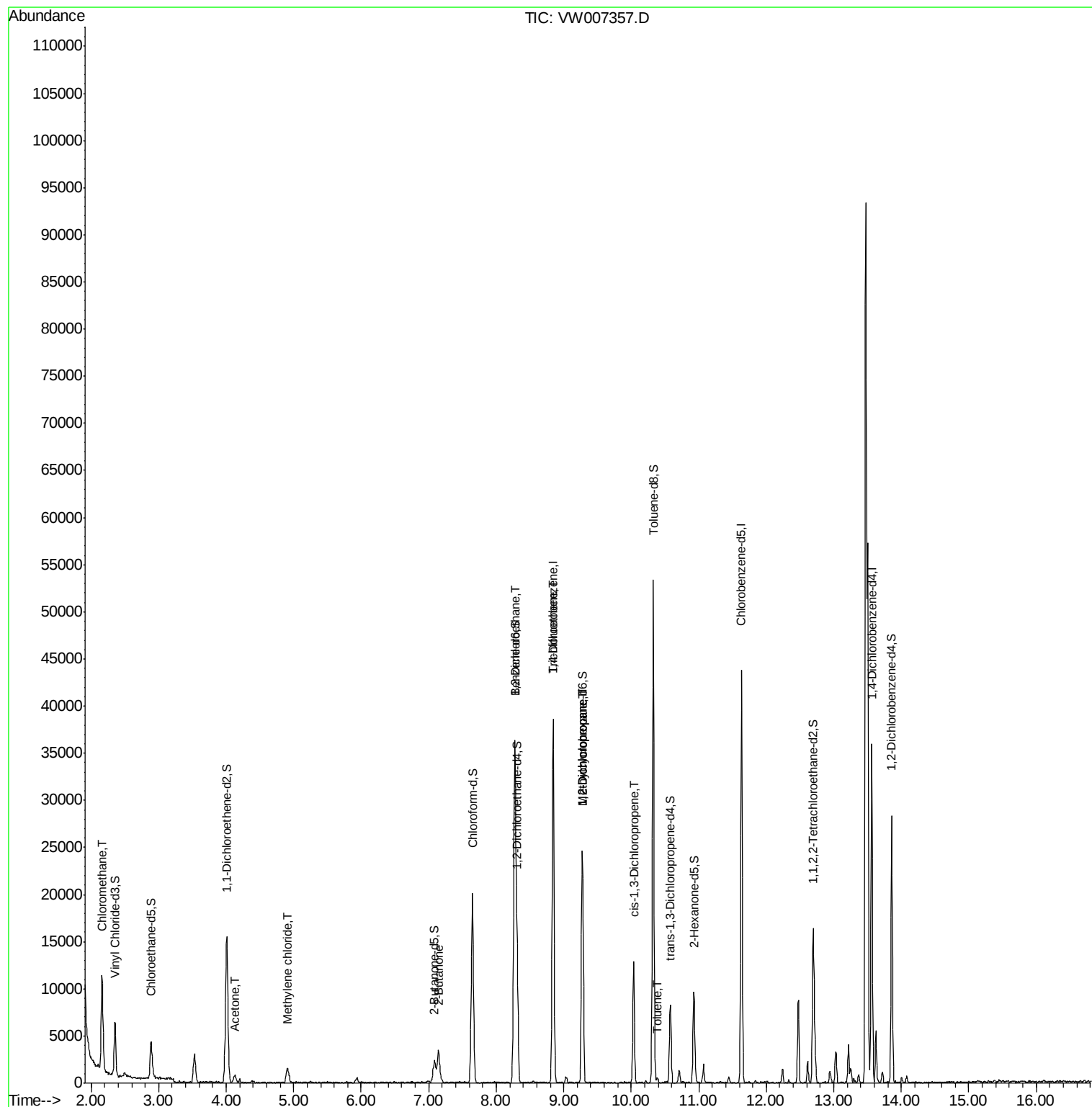
					Ovalue
3) Chloromethane	2.16	50	158	0.550 ug/L #	43
13) Acetone	4.12	43	1525	9.724 ug/L	74
16) Methylene chloride	4.91	84	1104	2.080 ug/L	88
21) 2-Butanone	7.15	43	195	1.157 ug/L #	45
27) 1,2-Dichloroethane	8.27	62	251	0.460 ug/L #	76
35) Trichloroethene	8.84	95	950	2.253 ug/L #	4
36) Methylcyclohexane	9.27	83	2882	3.959 ug/L #	19
40) 1,2-Dichloropropane	9.27	63	1388	3.859 ug/L #	86
42) cis-1,3-Dichloropropene	10.03	75	347	0.574 ug/L	83
44) Toluene	10.38	91	444	0.280 ug/L	91

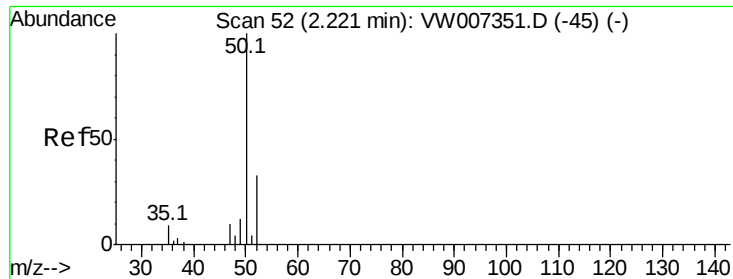
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Dec 11 01:18:15 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.550 ug/L

RT: 2.16 min Scan# 42

Delta R.T. -0.06 min

Lab File: VW007357.D

Acq: 10 Dec 2018 15:01

Instrument :

MSVOA_W

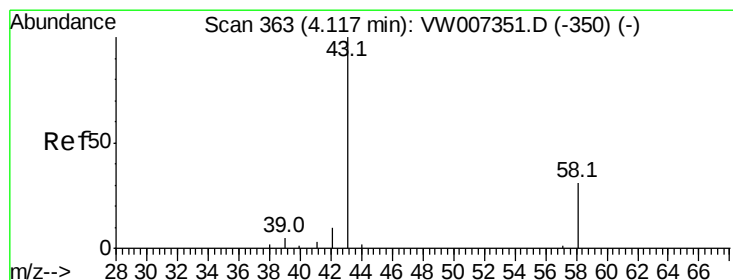
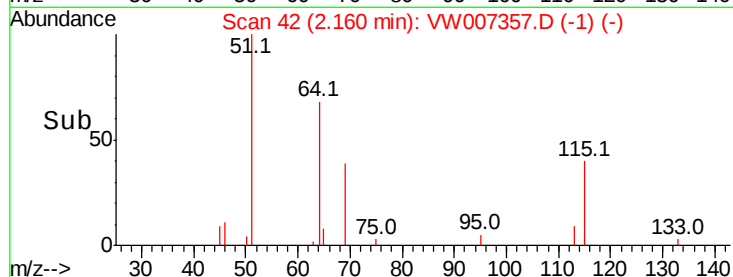
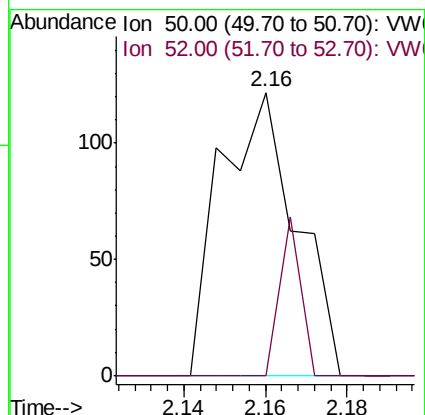
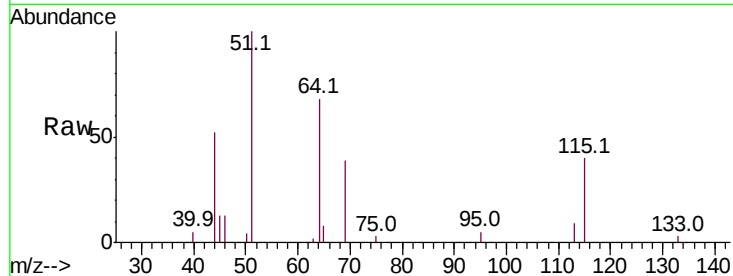
ClientSampled :

Tot Ion: 50 Resp: 158

Ion Ratio Lower Upper

50 100

52 0.0 22.2 41.2#



#13

Acetone

Concen: 9.724 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007357.D

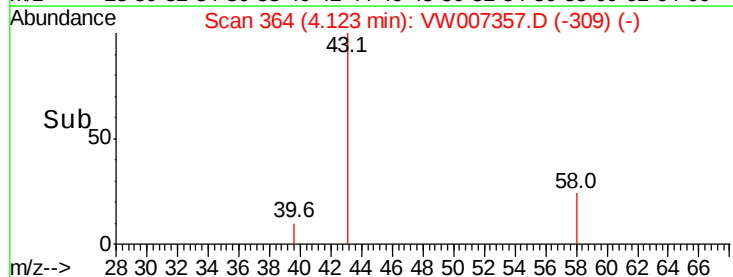
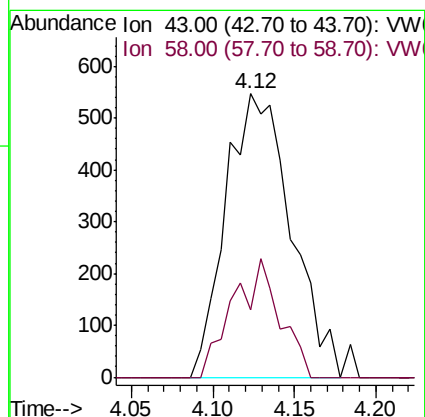
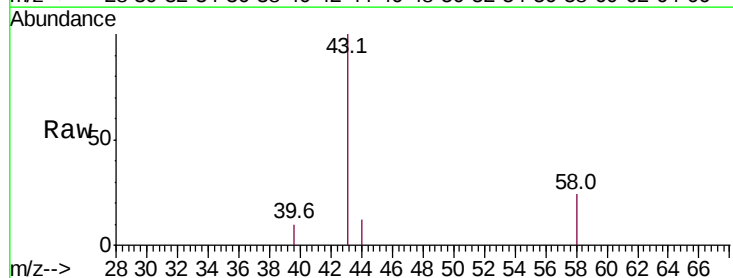
Acq: 10 Dec 2018 15:01

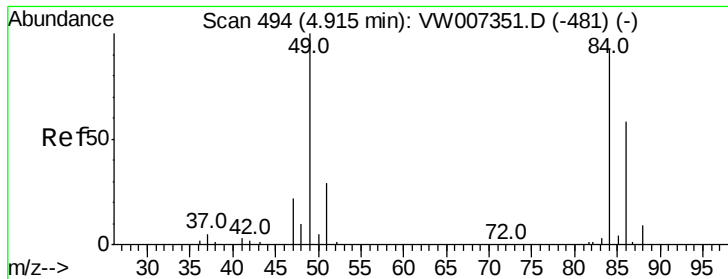
Tgt Ion: 43 Resp: 1525

Ion Ratio Lower Upper

43 100

58 15.6 0.0 59.2

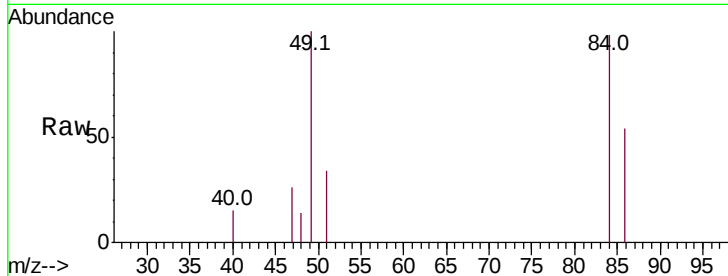




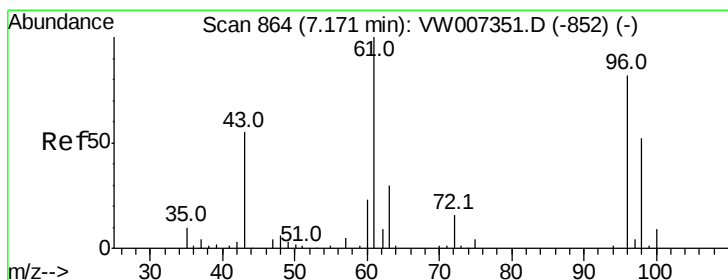
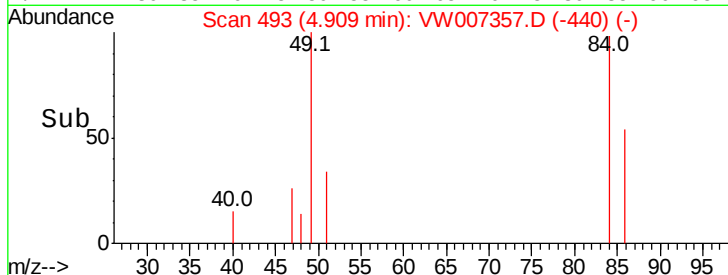
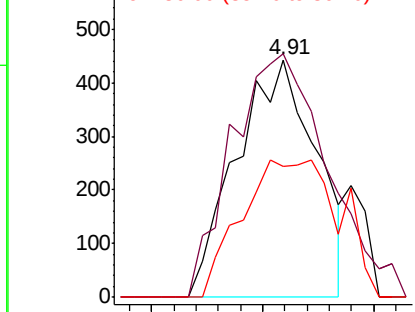
#16
Methylene chloride
Concen: 2.080 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW007357.D
Acq: 10 Dec 2018 15:01

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 84 Resp: 1104
Ion Ratio Lower Upper
84 100
49 102.5 80.8 150.2
86 55.3 45.8 85.2

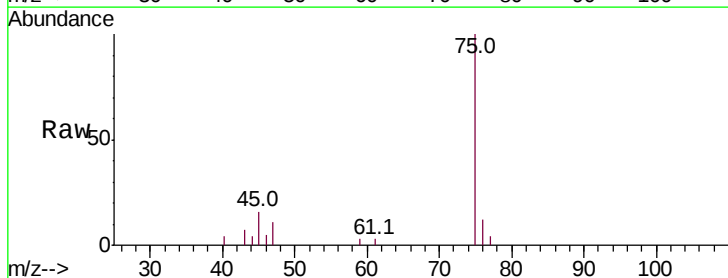


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

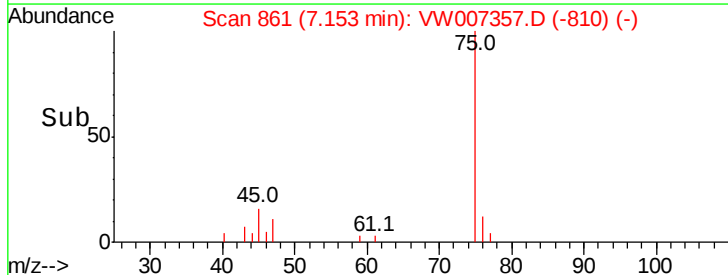
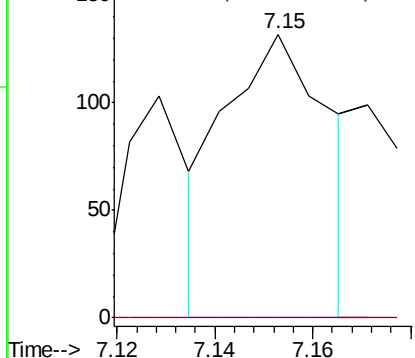


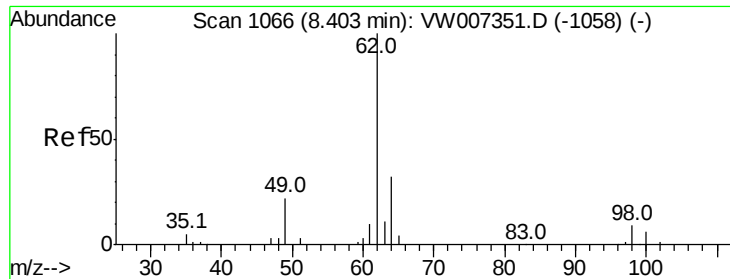
#21
2-Butanone
Concen: 1.157 ug/L
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: VW007357.D
Acq: 10 Dec 2018 15:01

Tgt Ion: 43 Resp: 195
Ion Ratio Lower Upper
43 100
72 0.0 14.7 44.1#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW





#27

1,2-Dichloroethane

Concen: 0.460 ug/L

RT: 8.27 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW007357.D

Acq: 10 Dec 2018 15:01

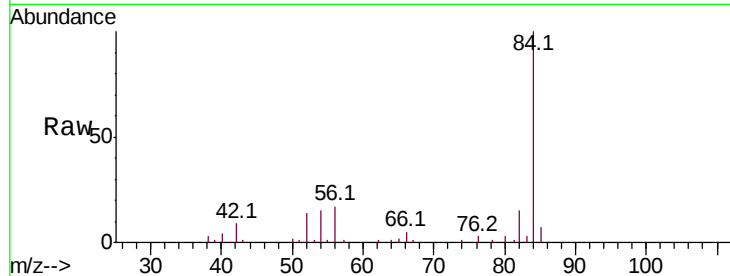
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 62 Resp: 251

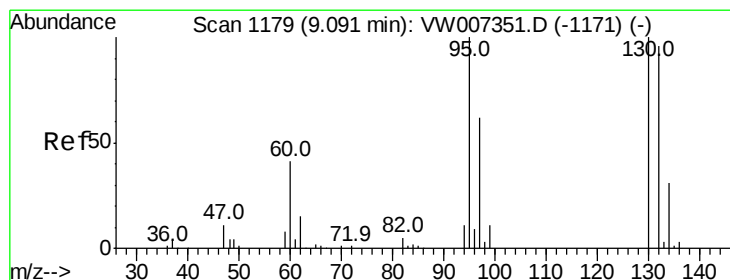
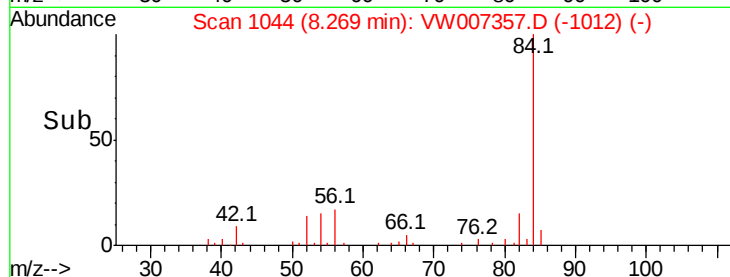
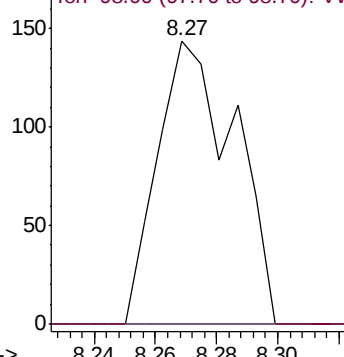
Ion Ratio Lower Upper

62 100

98 0.0 6.9 10.3#



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



#35

Trichloroethene

Concen: 2.253 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW007357.D

Acq: 10 Dec 2018 15:01

Tgt Ion: 95 Resp: 950

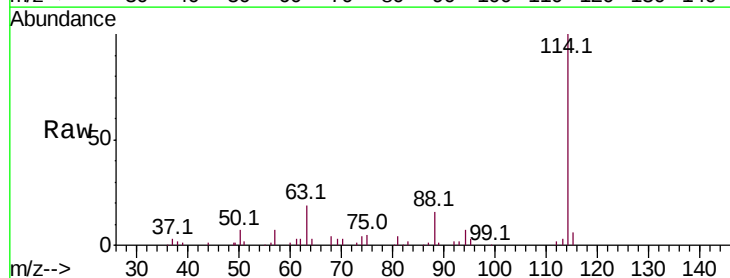
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.0#

132 0.0 68.0 126.4#

130 0.0 71.6 133.0#

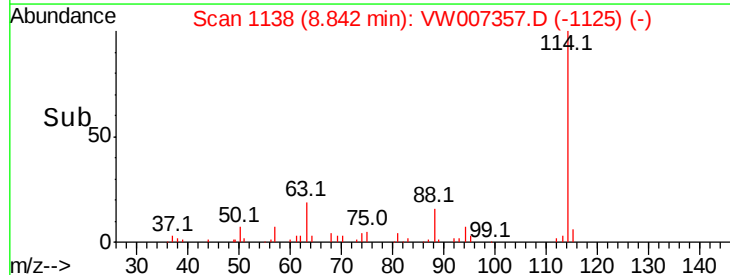
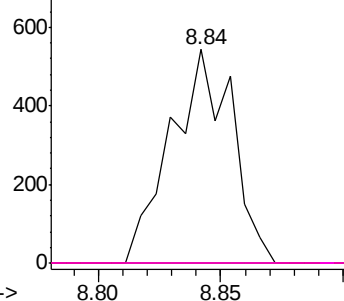


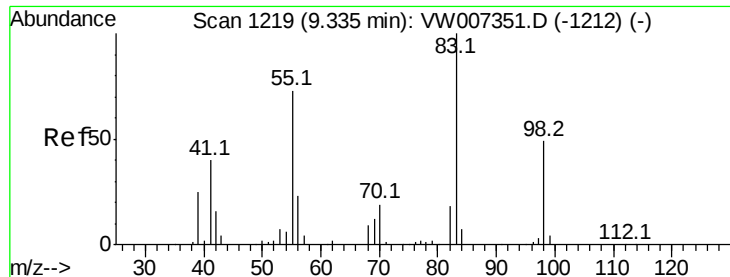
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

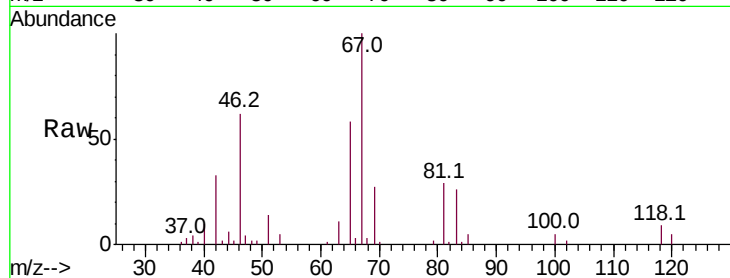




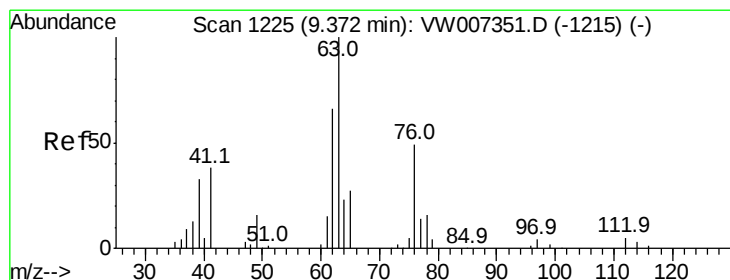
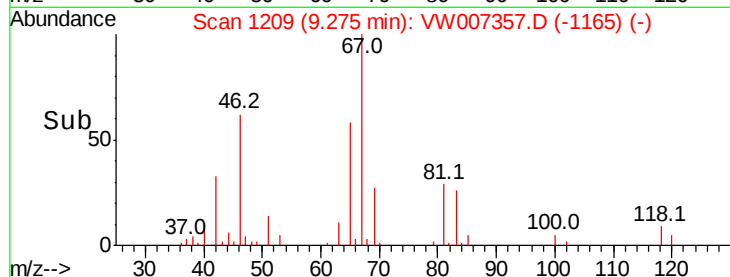
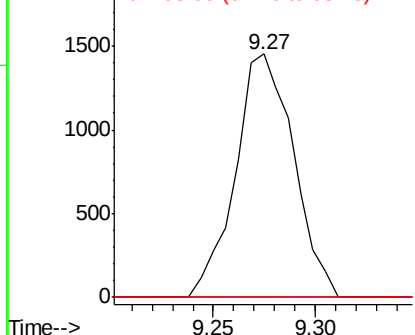
#36
Methvlcvclohexane
Concen: 3.959 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW007357.D
Acq: 10 Dec 2018 15:01

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 83 Resp: 2882
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.2#
98 0.0 38.1 57.1#

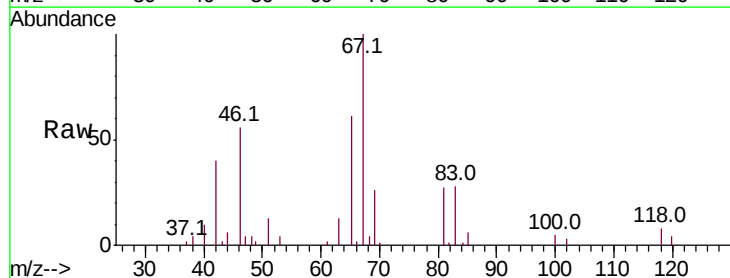


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

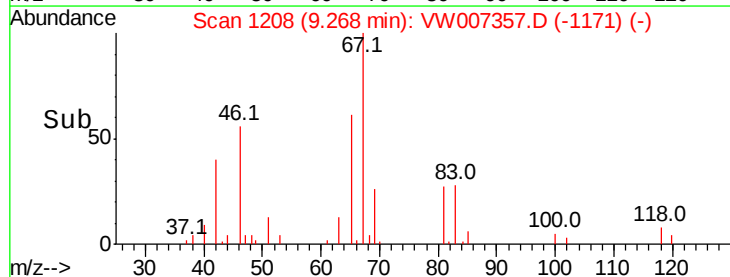
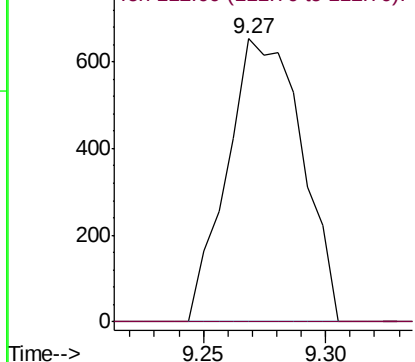


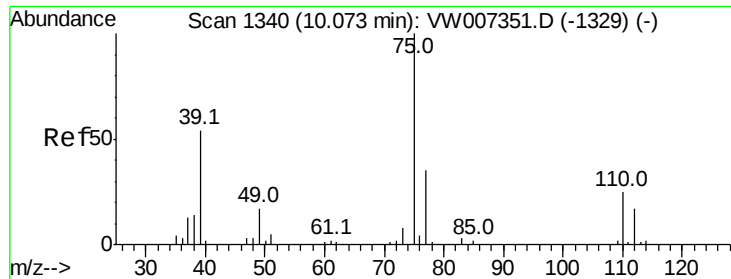
#40
1,2-Dichloropropane
Concen: 3.859 ug/L
RT: 9.27 min Scan# 1208
Delta R.T. -0.10 min
Lab File: VW007357.D
Acq: 10 Dec 2018 15:01

Tgt Ion: 63 Resp: 1388
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



Abundance Ion 63.00 (62.70 to 63.70): VW
Ion 112.00 (111.70 to 112.70): V

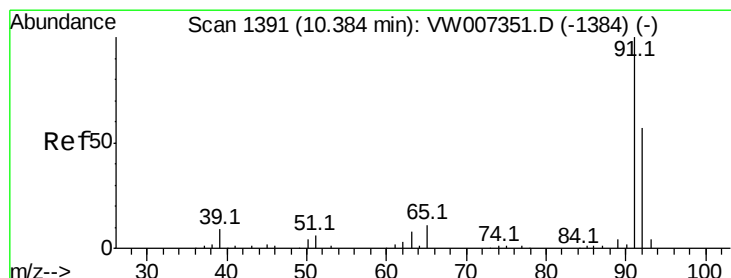
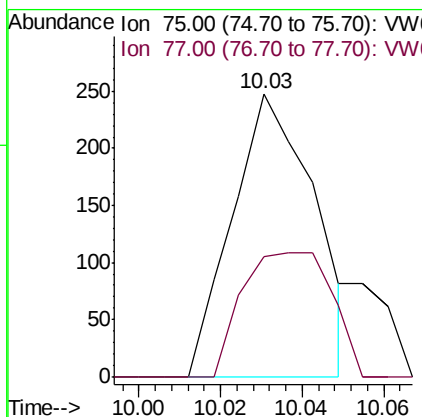
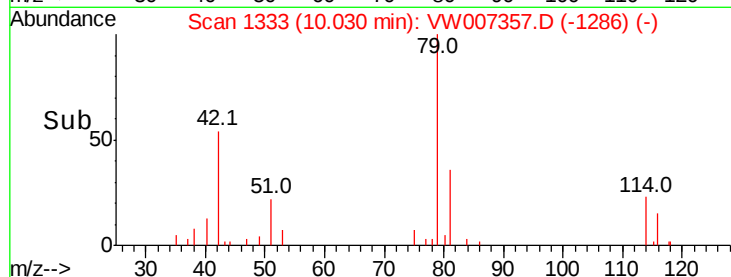
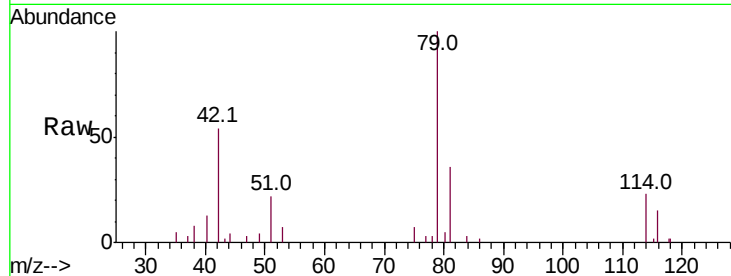




#42
 cis-1,3-Dichloropropene
 Concen: 0.574 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
 Lab File: VW007357.D
 Acq: 10 Dec 2018 15:01

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 347
 Ion Ratio Lower Upper
 75 100
 77 42.3 23.0 42.6



#44
 Toluene
 Concen: 0.280 ug/L
 RT: 10.38 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VW007357.D
 Acq: 10 Dec 2018 15:01

Tgt Ion: 91 Resp: 444
 Ion Ratio Lower Upper
 91 100
 92 60.8 38.2 71.0

