

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121218\
 Data File : VW007403.D
 Acq On : 11 Dec 2018 18:00
 Operator : SY/AP
 Sample : J6271-16
 Misc : 6.37G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 12 02:42:43 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	16645	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	15837	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	7477	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	2930	27.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.12%
7) Chloroethane-d5	2.89	69	2454	26.73	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.92%
10) 1,1-Dichloroethene-d2	4.01	63	8024	21.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.84%
20) 2-Butanone-d5	7.08	46	6327	92.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	185.18%#
24) Chloroform-d	7.65	84	11721	29.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	119.40%
26) 1,2-Dichloroethane-d4	8.31	65	8367	37.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	149.76%#
29) Benzene-d6	8.27	84	22055	25.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.56%
33) 1,2-Dichloropropane-d6	9.27	67	6755	27.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.08%
37) Toluene-d8	10.32	98	20594	25.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.16%
38) trans-1,3-Dichloropropene-	10.58	79	3731	29.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	118.92%
39) 2-Hexanone-d5	10.93	63	4697	79.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	158.98%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	9205	41.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	164.64%#
61) 1,2-Dichlorobenzene-d4	13.86	152	8036	30.55	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	122.20%#

Target Compounds

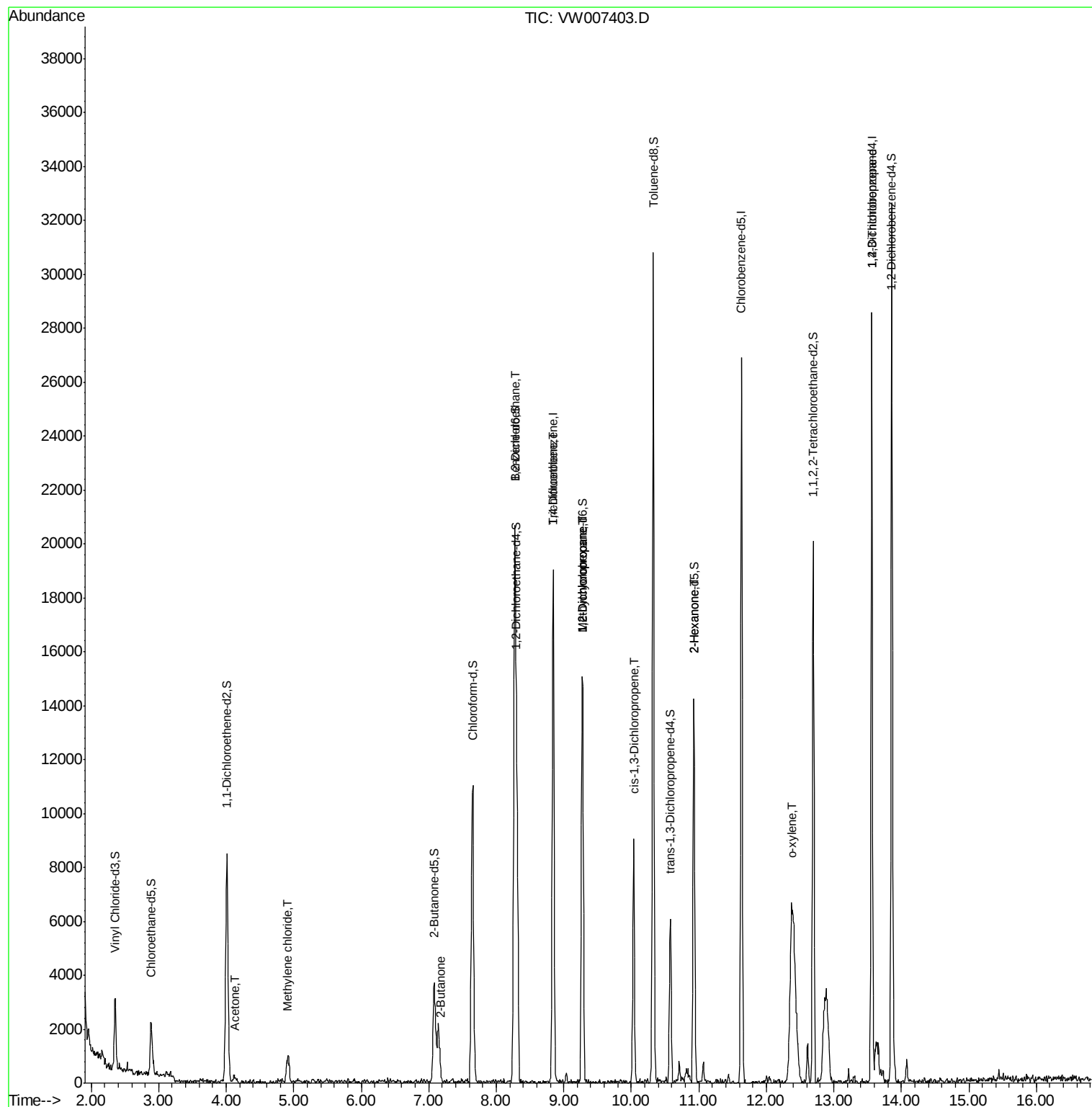
					Ovalue
13) Acetone	4.12	43	529	6.657 ug/L	74
16) Methylene chloride	4.92	84	783	2.911 ug/L	74
21) 2-Butanone	7.18	43	61	0.714 ug/L #	45
27) 1,2-Dichloroethane	8.29	62	111	0.401 ug/L #	76
35) Trichloroethene	8.84	95	604	2.320 ug/L #	4
36) Methylcyclohexane	9.27	83	1902	4.233 ug/L #	19
40) 1,2-Dichloropropane	9.27	63	833	3.751 ug/L #	86
42) cis-1,3-Dichloropropene	10.03	75	266	0.713 ug/L #	50
49) 2-Hexanone	10.93	43	578	4.679 ug/L #	54
55) o-xylene	12.38	106	131	0.332 ug/L #	18
59) 1,2,3-Trichloropropane	13.56	75	821	4.576 ug/L #	74

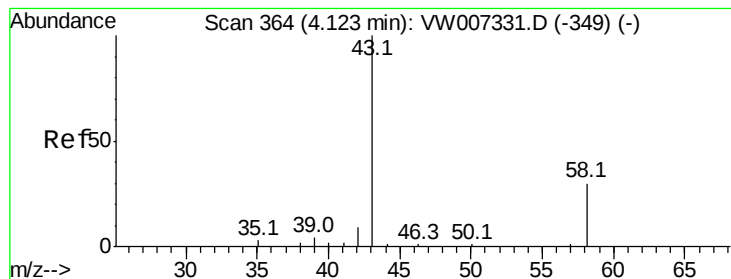
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 6.657 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007403.D

Acq: 11 Dec 2018 18:00

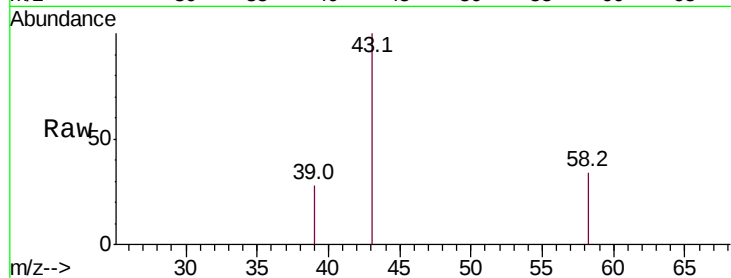
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 529

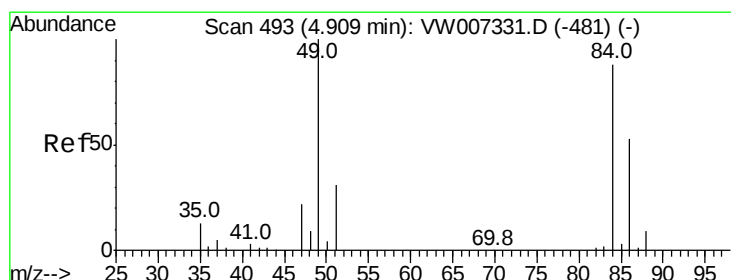
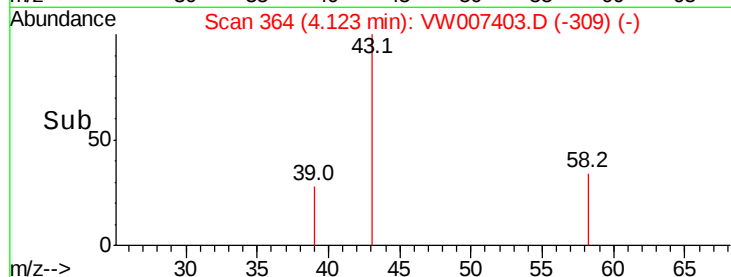
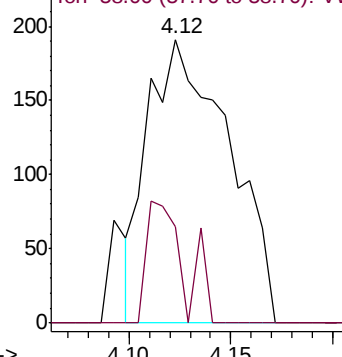
Ion Ratio Lower Upper

43 100

58 15.7 0.0 59.2



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.911 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW007403.D

Acq: 11 Dec 2018 18:00

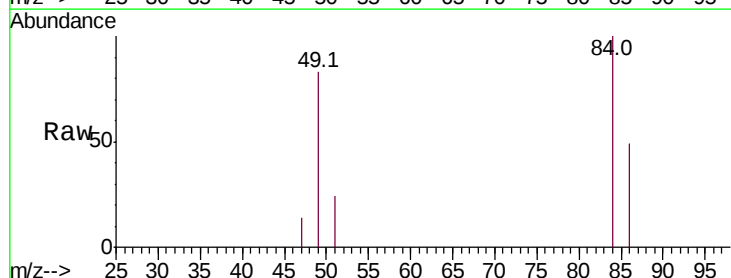
Tgt Ion: 84 Resp: 783

Ion Ratio Lower Upper

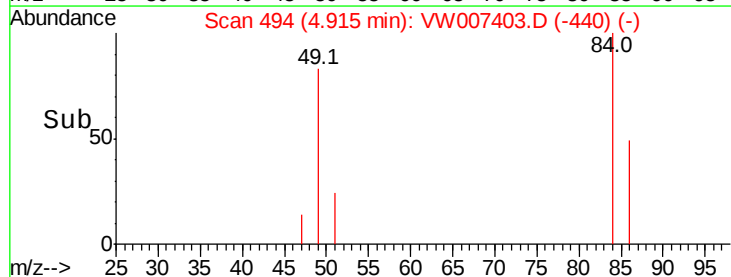
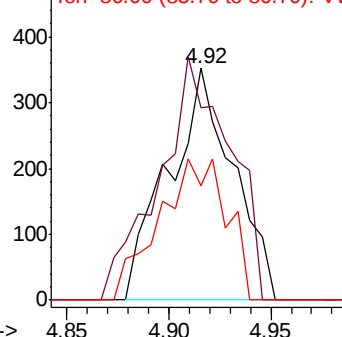
84 100

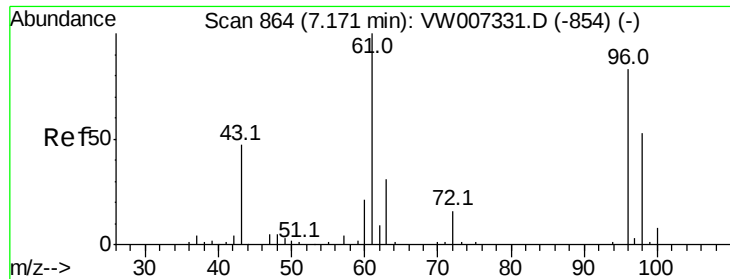
49 83.2 80.8 150.2

86 49.4 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: 0.714 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW007403.D

Acq: 11 Dec 2018 18:00

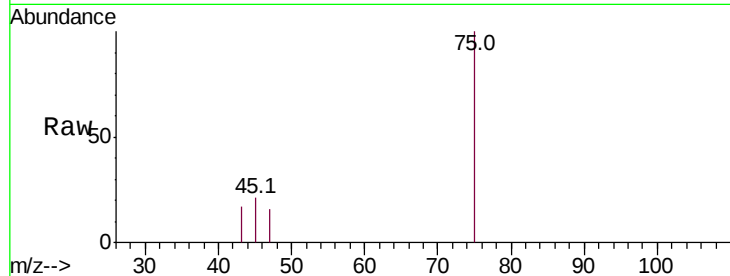
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 61

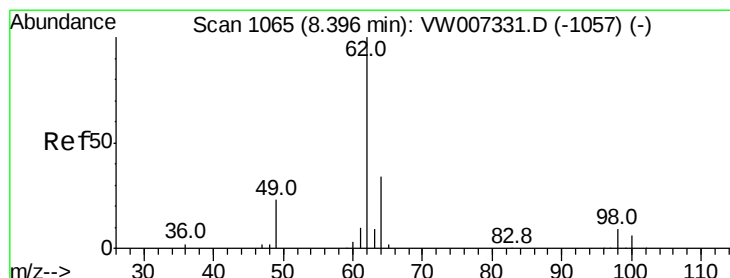
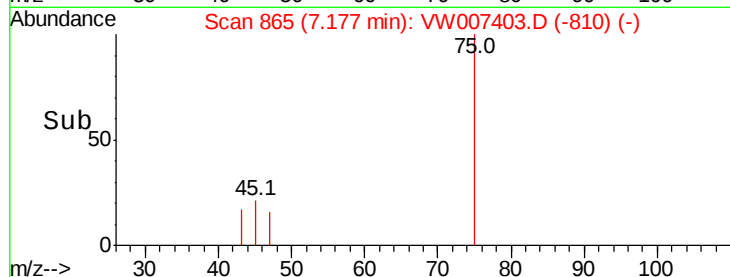
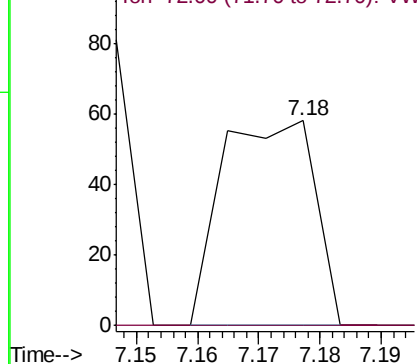
Ion Ratio Lower Upper

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: 0.401 ug/L

RT: 8.29 min Scan# 1047

Delta R.T. -0.12 min

Lab File: VW007403.D

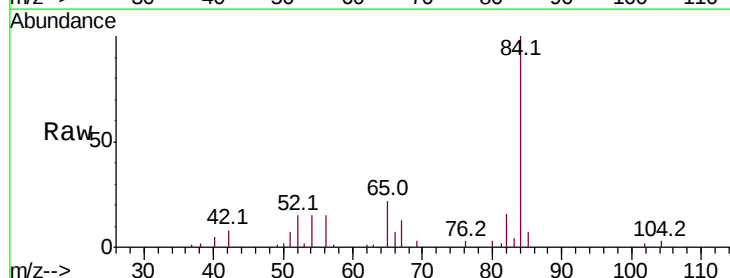
Acq: 11 Dec 2018 18:00

Tgt Ion: 62 Resp: 111

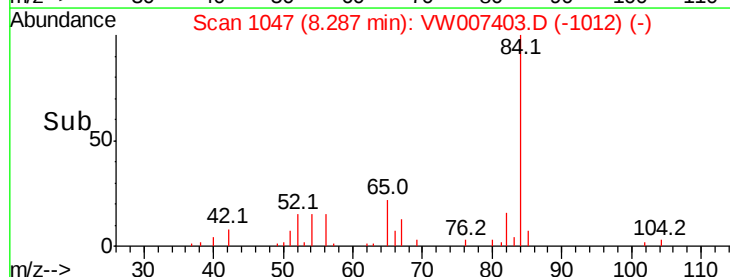
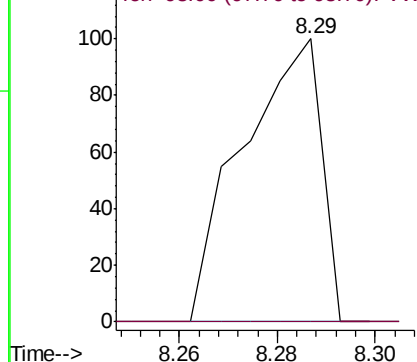
Ion Ratio Lower Upper

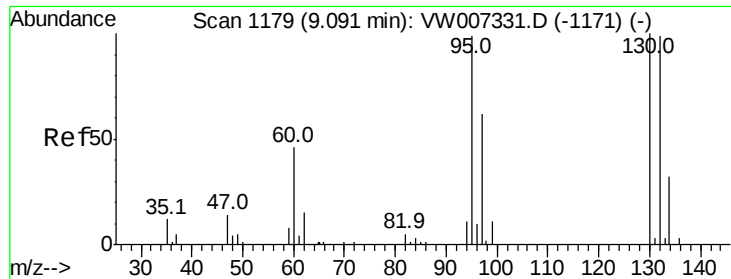
62 100

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: 2.320 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW007403.D

Acq: 11 Dec 2018 18:00

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 95 Resp: 604

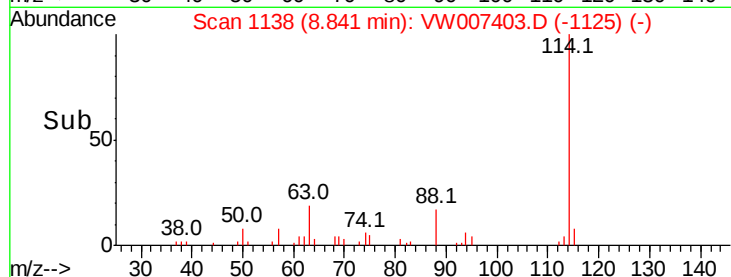
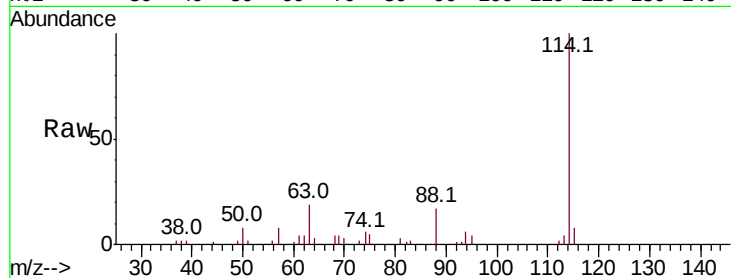
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.0#

132 0.0 68.0 126.4#

130 0.0 71.6 133.0#

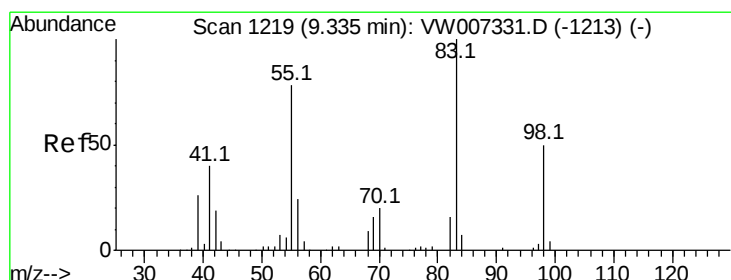
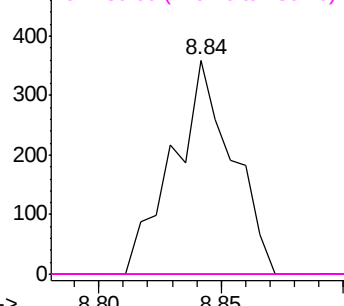


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 4.233 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW007403.D

Acq: 11 Dec 2018 18:00

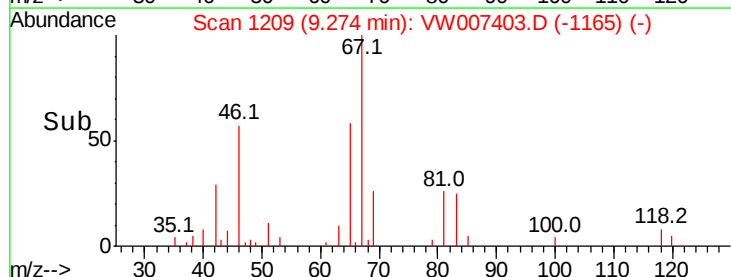
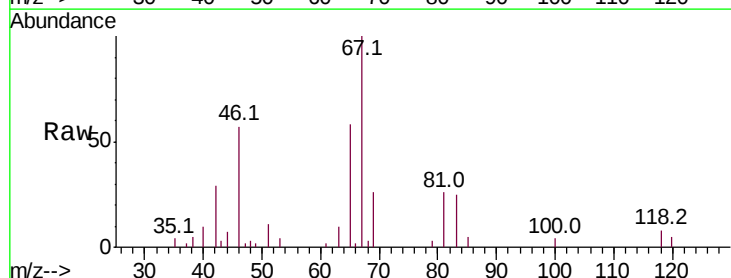
Tgt Ion: 83 Resp: 1902

Ion Ratio Lower Upper

83 100

55 0.0 59.4 89.2#

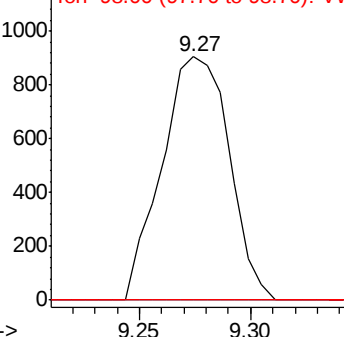
98 0.0 38.1 57.1#

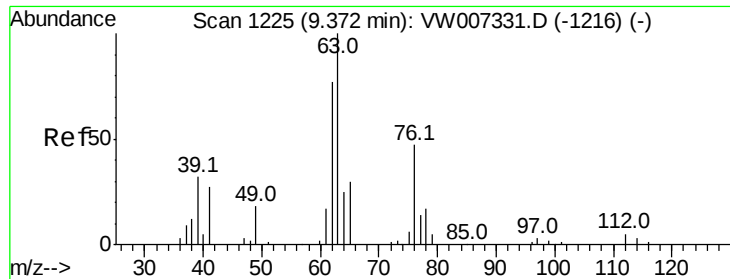


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

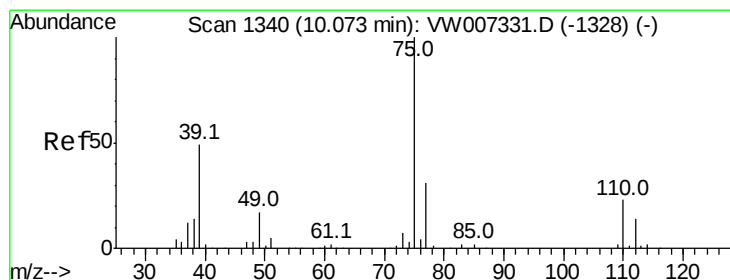
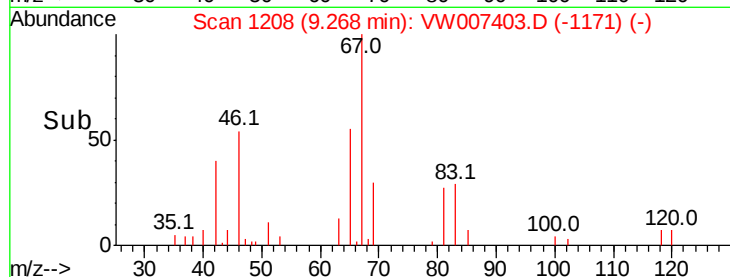
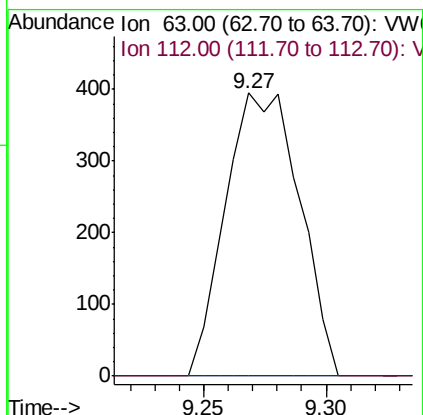
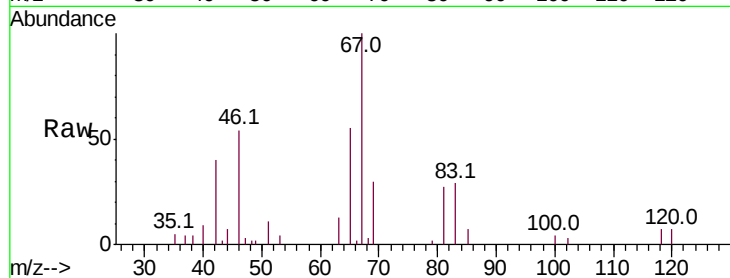




#40
 1,2-Dichloropropane
 Concen: 3.751 ug/L
 RT: 9.27 min Scan# 1208
 Delta R.T. -0.10 min
 Lab File: VW007403.D
 Acq: 11 Dec 2018 18:00

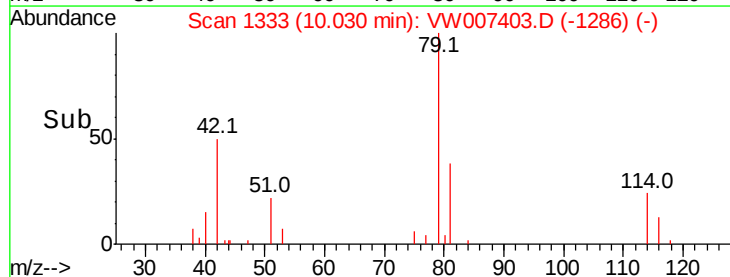
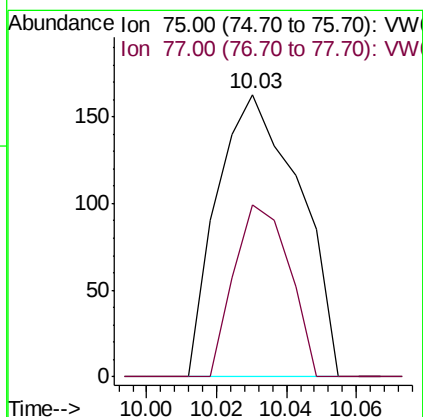
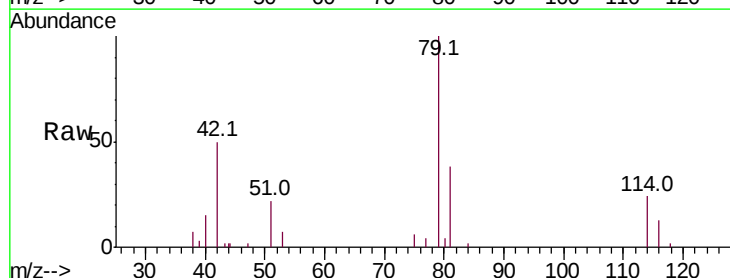
Instrument :
 MSVOA_W
 ClientSampled :

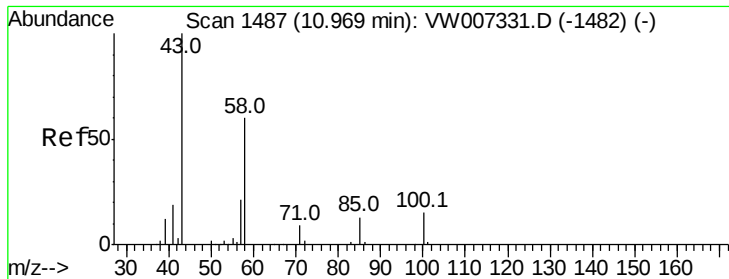
Tot Ion: 63 Resp: 833
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#42
 cis-1,3-Dichloropropene
 Concen: 0.713 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
 Lab File: VW007403.D
 Acq: 11 Dec 2018 18:00

Tgt Ion: 75 Resp: 266
 Ion Ratio Lower Upper
 75 100
 77 60.7 23.0 42.6#

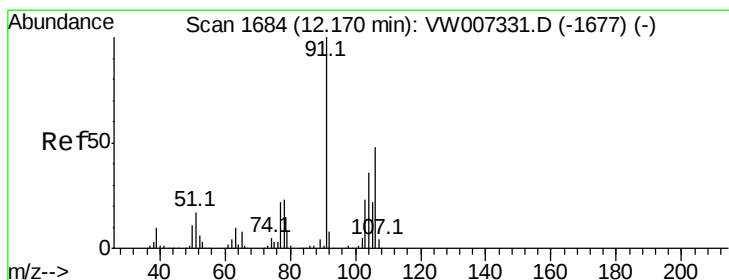
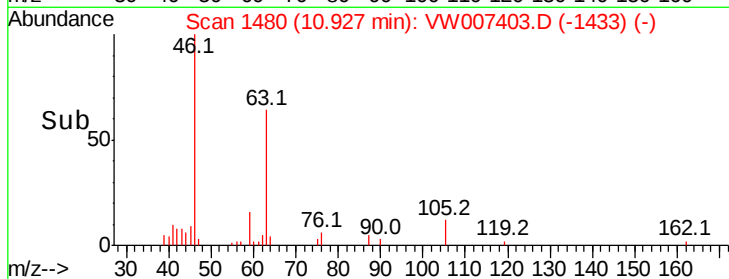
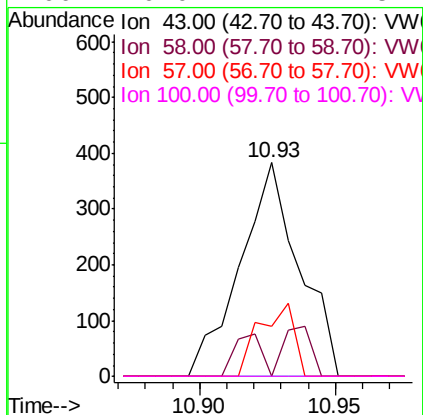
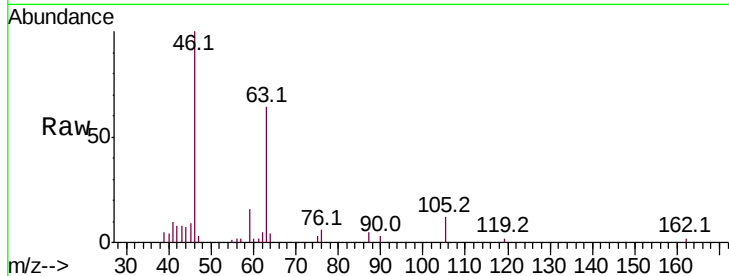




#49
2-Hexanone
Concen: 4.679 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW007403.D
Acq: 11 Dec 2018 18:00

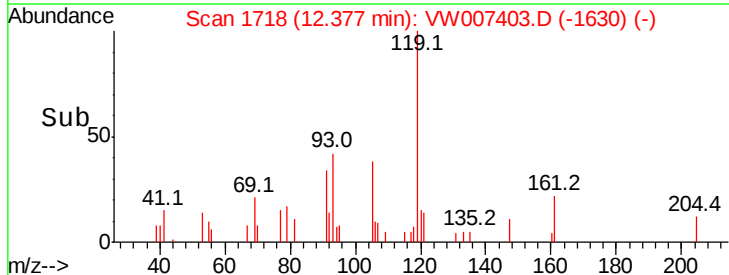
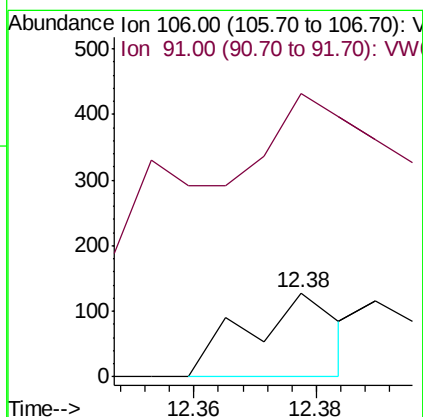
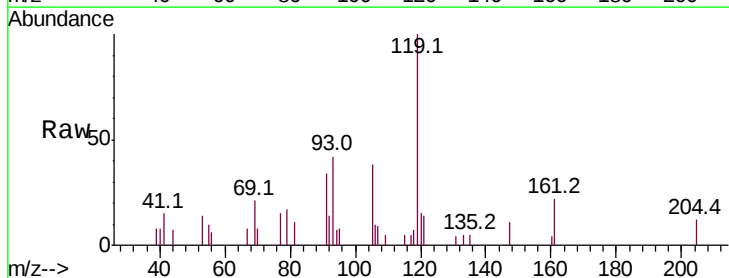
Instrument :
MSVOA_W
ClientSampleId :

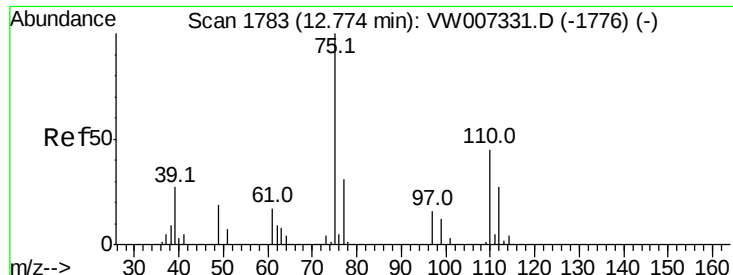
Tot Ion: 43 Resp: 578
Ion Ratio Lower Upper
43 100
58 11.1 47.2 70.8#
57 20.1 17.6 26.4
100 0.0 12.2 18.2#



#55
o-xylene
Concen: 0.332 ug/L
RT: 12.38 min Scan# 1718
Delta R.T. 0.21 min
Lab File: VW007403.D
Acq: 11 Dec 2018 18:00

Tgt Ion: 106 Resp: 131
Ion Ratio Lower Upper
106 100
91 337.5 147.0 273.0#





#59

1,2,3-Trichloropropane

Concen: 4.576 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW007403.D

Acq: 11 Dec 2018 18:00

Instrument :

MSVOA_W

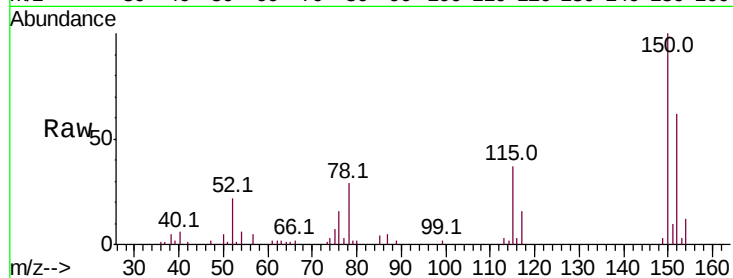
ClientSampleId :

Tot Ion: 75 Resp: 821

Ion Ratio Lower Upper

75 100

77 47.7 26.5 39.7#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

600

500

400

300

200

100

0

13.55

13.56

13.57

13.58

13.59

13.60

Time-->

