

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100118\
 Data File : VW005752.D
 Acq On : 01 Oct 2018 23:47
 Operator : SY/AP
 Sample : J5180-19
 Misc : 5.27G/105ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 02 07:20:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 02 07:19:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	43893	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	40845	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	13701	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	7446	13.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.24%
7) Chloroethane-d5	2.89	69	9066	20.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.08%
10) 1,1-Dichloroethene-d2	4.01	63	13819	11.31	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	45.24%
20) 2-Butanone-d5	7.08	46	10425	58.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.06%
24) Chloroform-d	7.65	84	35364	31.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	125.44%
26) 1,2-Dichloroethane-d4	8.31	65	30635	44.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	179.44%#
29) Benzene-d6	8.28	84	49973	24.71	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.84%
33) 1,2-Dichloropropane-d6	9.28	67	21839	37.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	149.48%#
37) Toluene-d8	10.33	98	37149	18.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.44%
38) trans-1,3-Dichloropropene-	10.58	79	8833	28.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	115.12%
39) 2-Hexanone-d5	10.93	63	6475	47.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.62%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	26294	46.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	185.28%#
61) 1,2-Dichlorobenzene-d4	13.86	152	13028	26.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.48%

Target Compounds

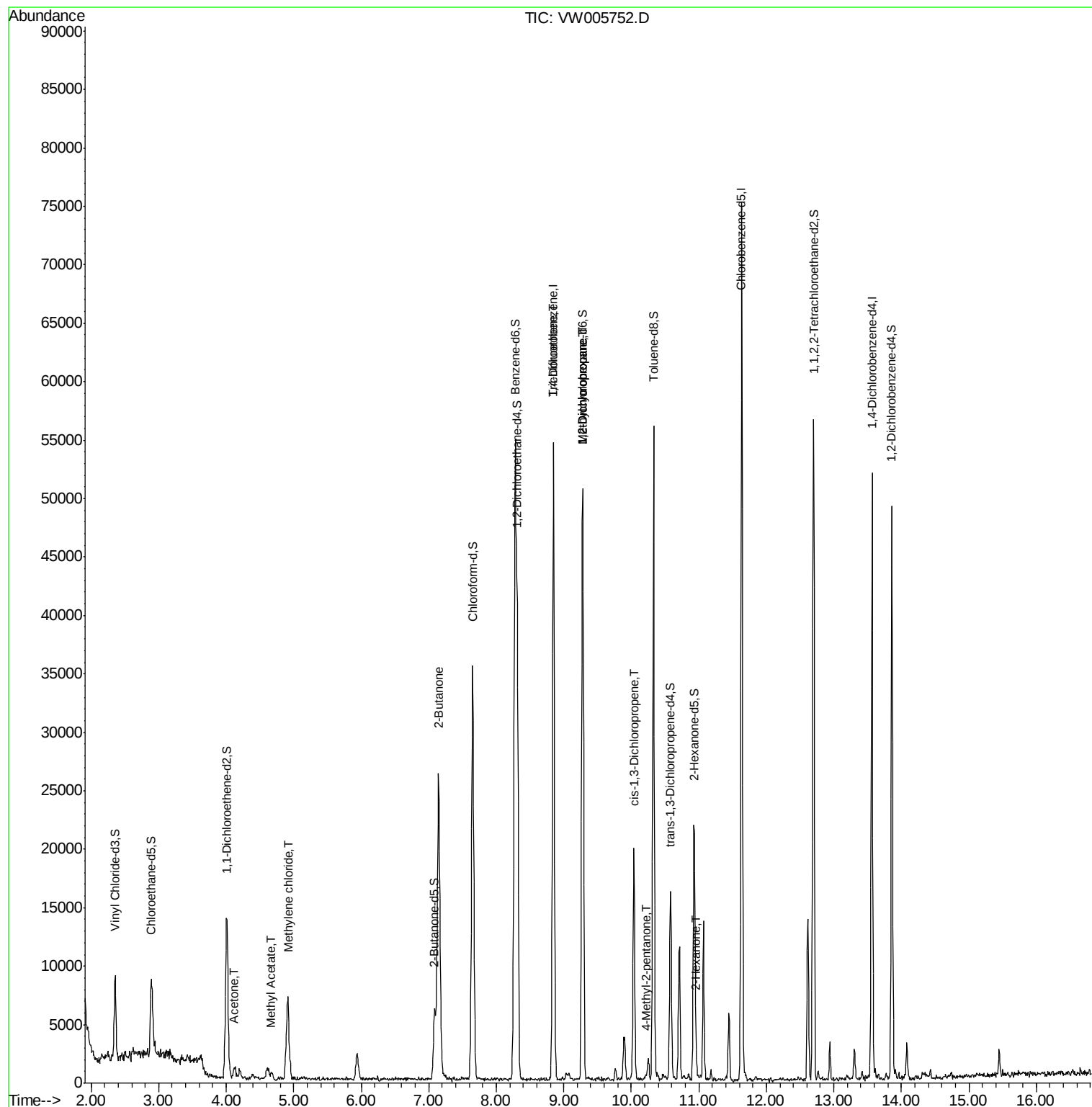
					Ovalue
13) Acetone	4.12	43	1653	8.837 ug/L	87
15) Methyl Acetate	4.67	43	774	2.331 ug/L #	86
16) Methylene chloride	4.92	84	5025	6.943 ug/L	89
21) 2-Butanone	7.15	43	4688	20.926 ug/L #	49
35) Trichloroethene	8.84	95	1082	1.752 ug/L #	5
36) Methylcyclohexane	9.28	83	5620	5.235 ug/L #	18
40) 1,2-Dichloropropane	9.28	63	2702	4.804 ug/L #	87
42) cis-1,3-Dichloropropene	10.03	75	529	0.570 ug/L #	61
43) 4-Methyl-2-pentanone	10.21	43	348	0.758 ug/L #	45
49) 2-Hexanone	10.96	43	924	2.868 ug/L #	39

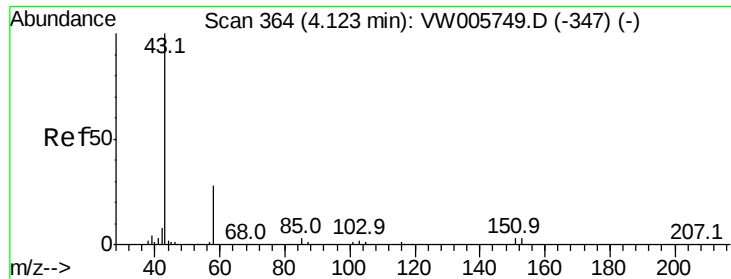
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100118\
Data File : VW005752.D
Acq On : 01 Oct 2018 23:47
Operator : SY/AP
Sample : J5180-19
Misc : 5.27G/105ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
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Quant Time: Oct 02 07:20:09 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 02 07:19:35 2018
Response via : Initial Calibration





#13

Acetone

Concen: 8.837 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW005752.D

Acq: 01 Oct 2018 23:47

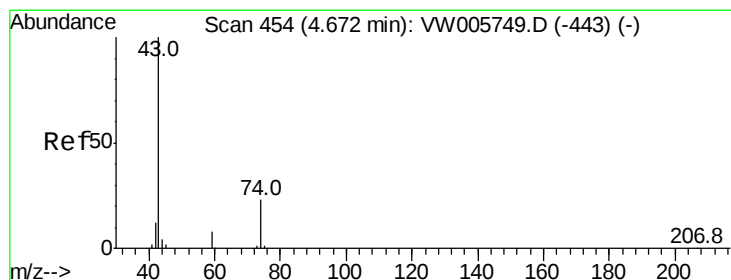
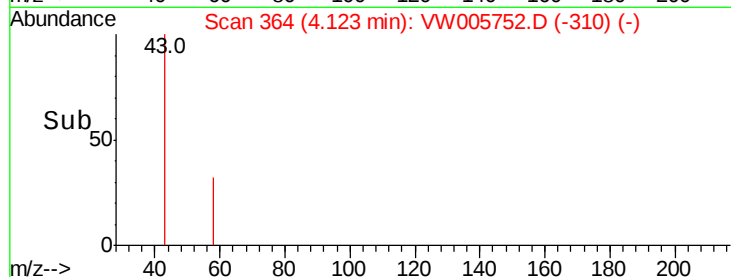
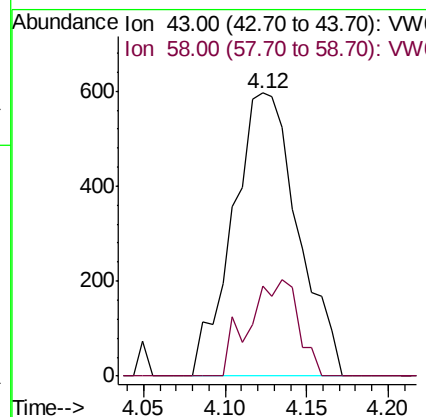
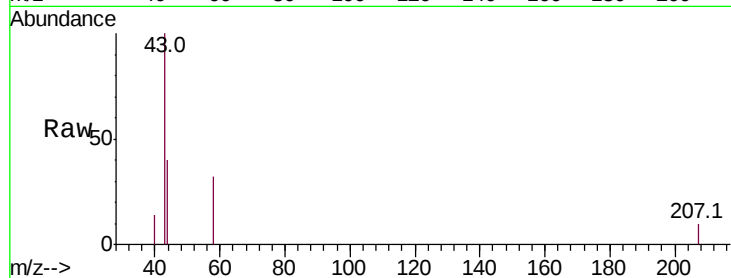
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 1653

Ion Ratio Lower Upper

43 100

58 21.6 0.0 31.8



#15

Methyl Acetate

Concen: 2.331 ug/L

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW005752.D

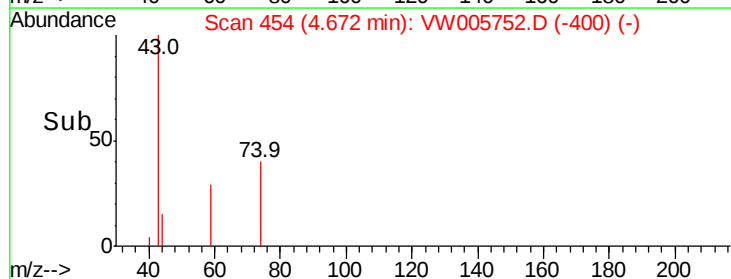
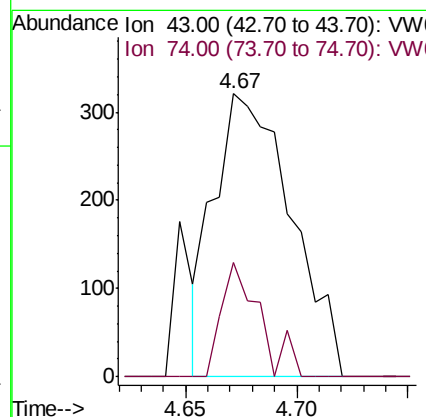
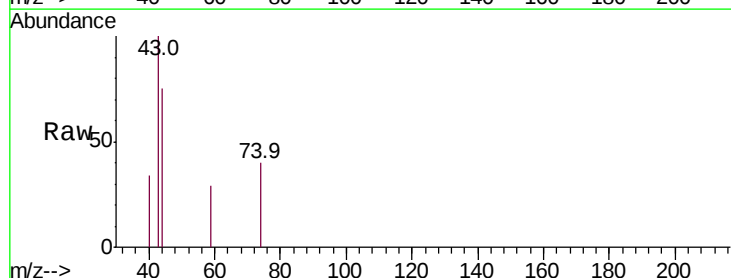
Acq: 01 Oct 2018 23:47

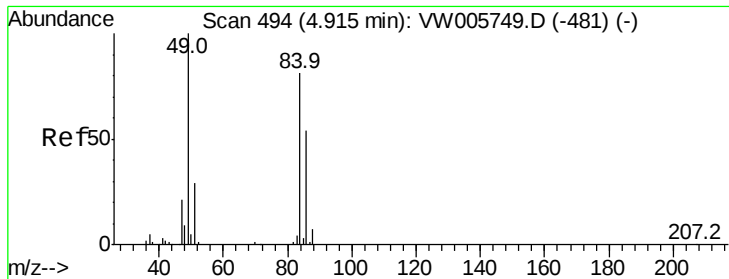
Tgt Ion: 43 Resp: 774

Ion Ratio Lower Upper

43 100

74 17.4 19.5 29.3#

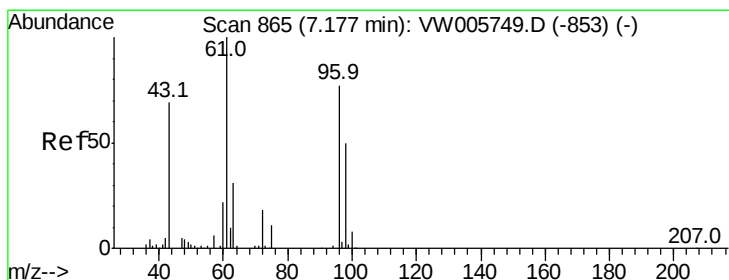
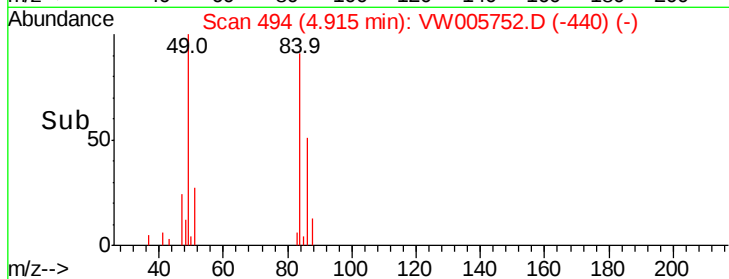
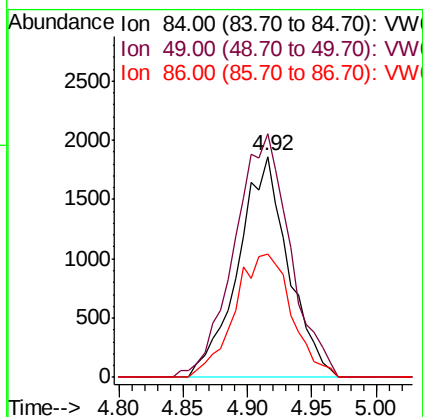
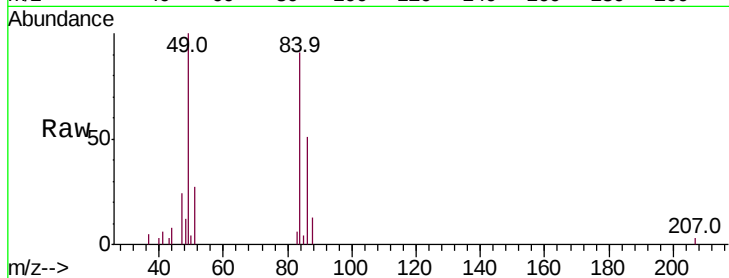




#16
Methvlene chloride
Concen: 6.943 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW005752.D
Acq: 01 Oct 2018 23:47

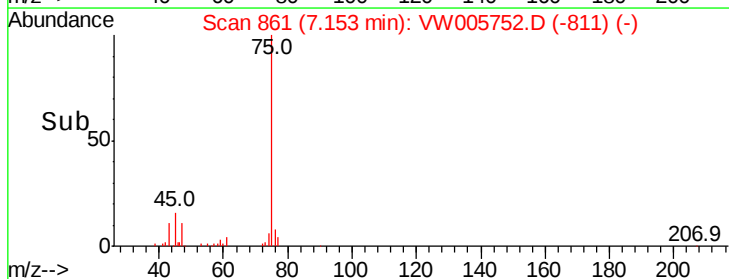
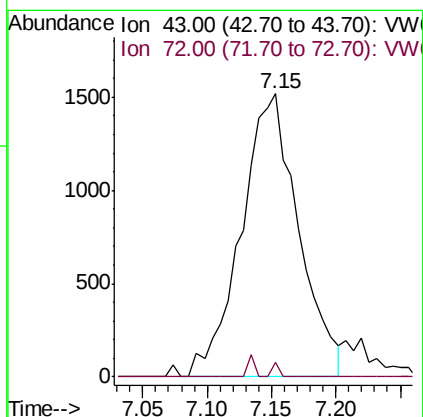
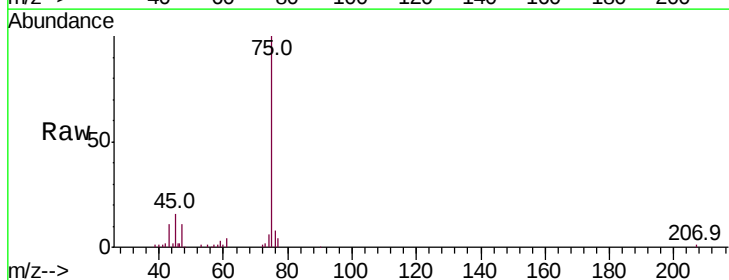
Instrument :
MSVOA_W
ClientSampled :

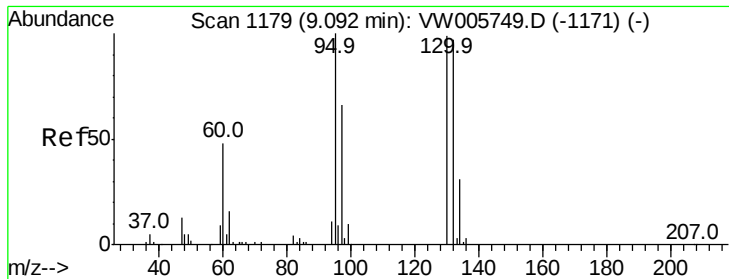
Tot Ion: 84 Resp: 5025
Ion Ratio Lower Upper
84 100
49 110.2 87.2 162.0
86 56.0 43.2 80.2



#21
2-Butanone
Concen: 20.926 ug/L
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: VW005752.D
Acq: 01 Oct 2018 23:47

Tgt Ion: 43 Resp: 4688
Ion Ratio Lower Upper
43 100
72 0.0 13.2 39.6#





#35

Trichloroethene

Concen: 1.752 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW005752.D

Acq: 01 Oct 2018 23:47

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 1082

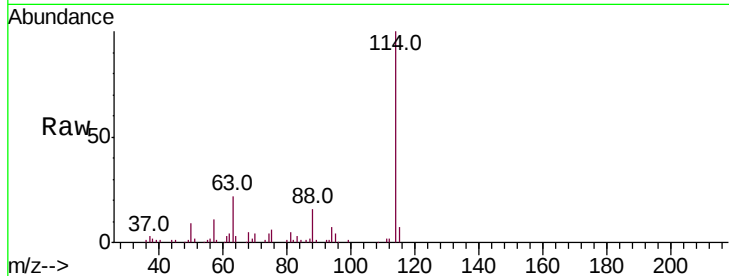
Ion Ratio Lower Upper

95 100

97 0.0 45.2 84.0#

132 0.0 68.0 126.4#

130 0.0 71.3 132.5#

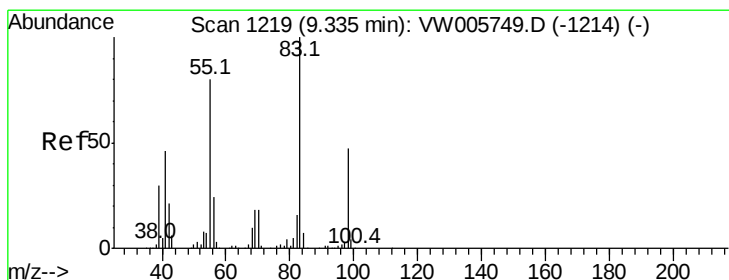
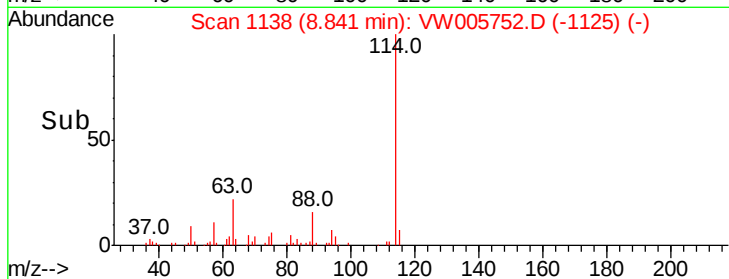
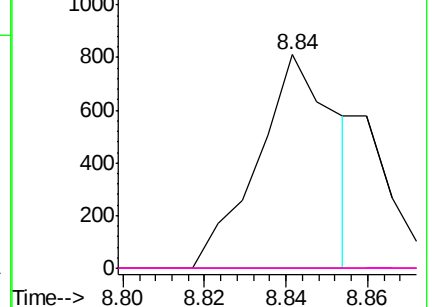


Abundance Ion 95.00 (94.70 to 95.70): VW

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

Methylcyclohexane

Concen: 5.235 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.05 min

Lab File: VW005752.D

Acq: 01 Oct 2018 23:47

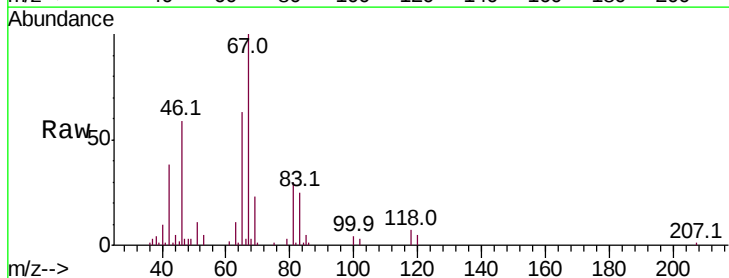
Tgt Ion: 83 Resp: 5620

Ion Ratio Lower Upper

83 100

55 0.0 62.5 93.7#

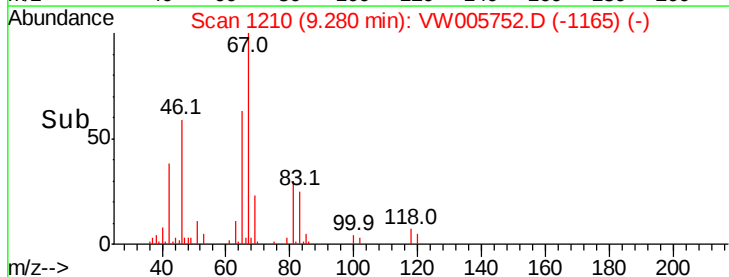
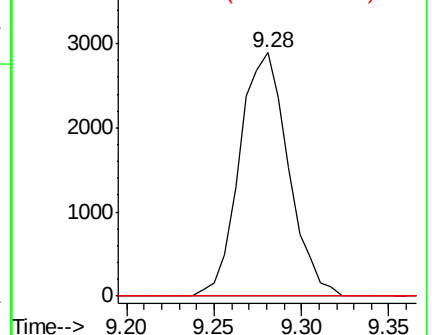
98 0.8 37.7 56.5#

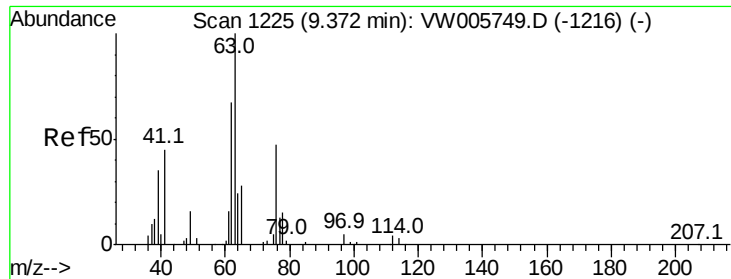


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

1,2-Dichloropropane

Concen: 4.804 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW005752.D

Acq: 01 Oct 2018 23:47

Instrument :

MSVOA_W

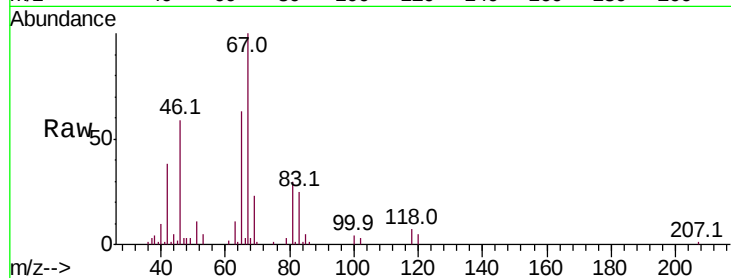
ClientSampled :

Tot Ion: 63 Resp: 2702

Ion Ratio Lower Upper

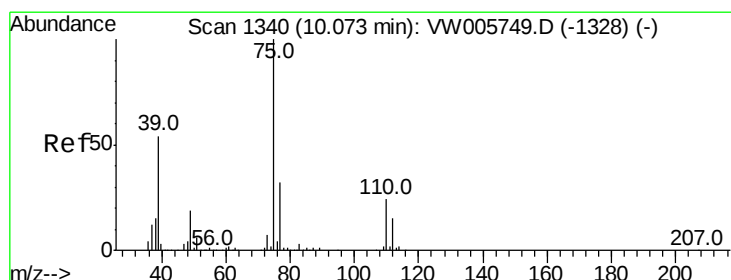
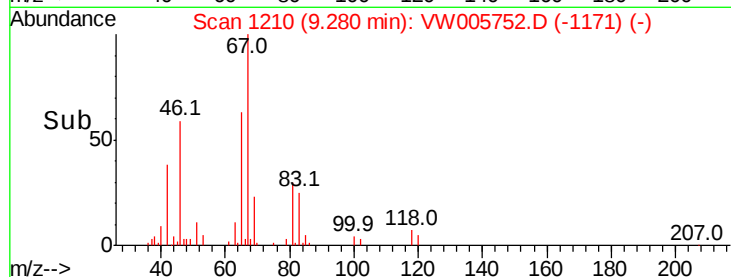
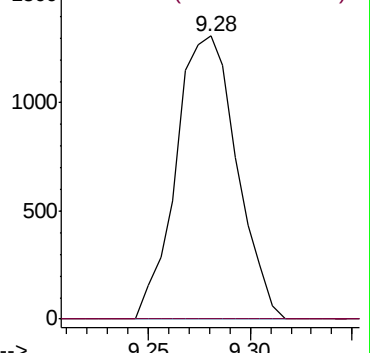
63 100

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): VW



#42

cis-1,3-Dichloropropene

Concen: 0.570 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW005752.D

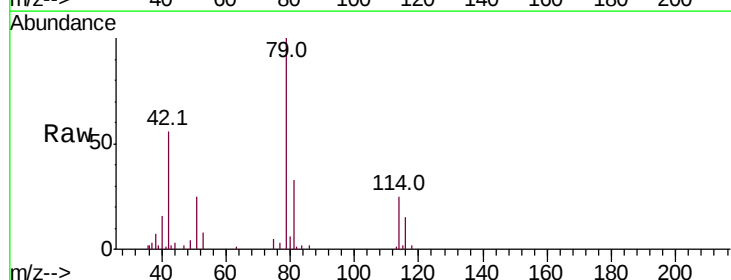
Acq: 01 Oct 2018 23:47

Tgt Ion: 75 Resp: 529

Ion Ratio Lower Upper

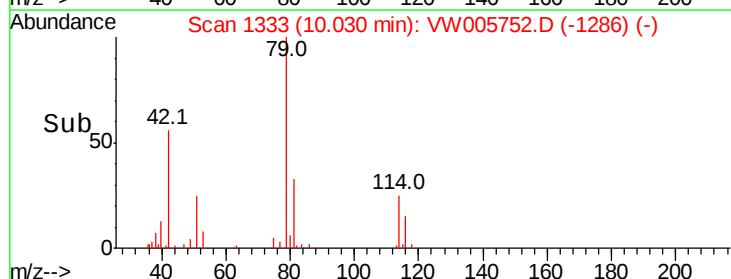
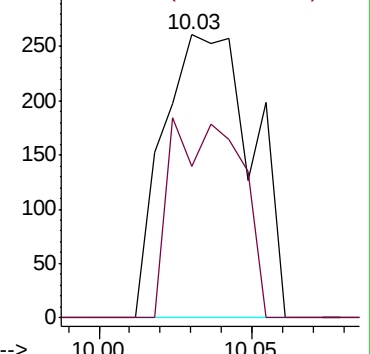
75 100

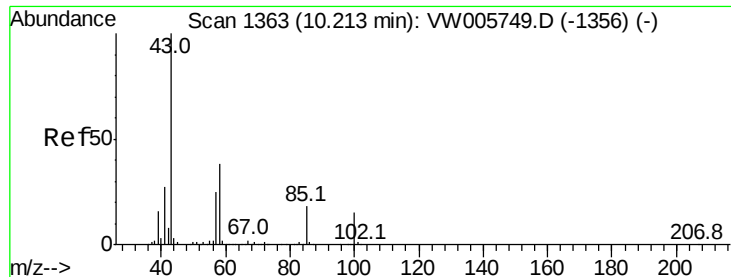
77 53.6 22.3 41.3#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

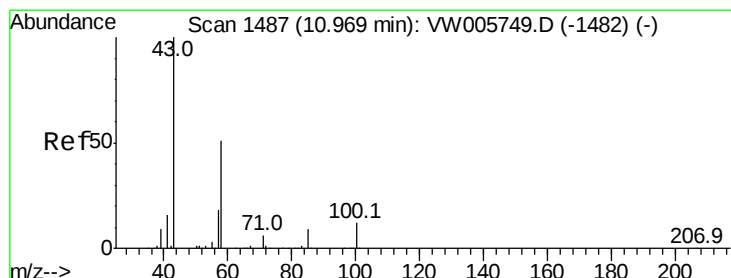
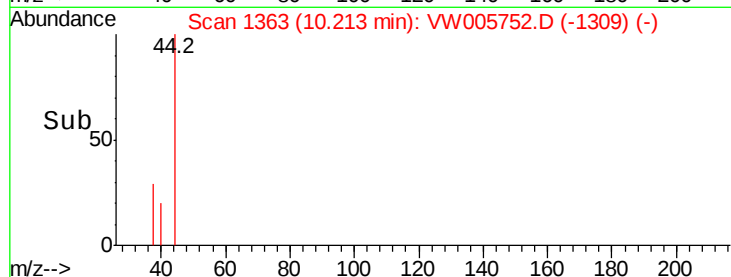
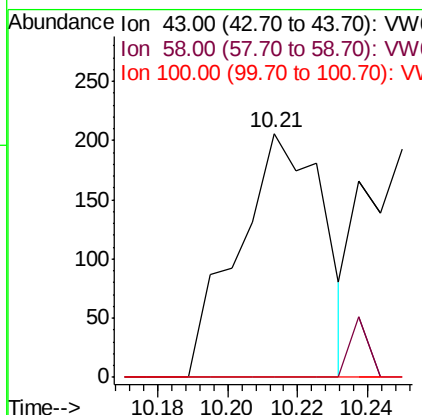
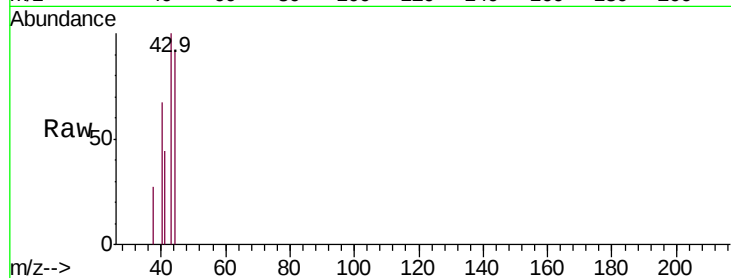




#43
4-Methyl-2-pentanone
Concen: 0.758 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW005752.D
Acq: 01 Oct 2018 23:47

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 348
Ion Ratio Lower Upper
43 100
58 0.0 29.8 44.8#
100 0.0 12.2 18.4#



#49
2-Hexanone
Concen: 2.868 ug/L
RT: 10.96 min Scan# 1486
Delta R.T. -0.01 min
Lab File: VW005752.D
Acq: 01 Oct 2018 23:47

Tgt Ion: 43 Resp: 924
Ion Ratio Lower Upper
43 100
58 0.0 42.0 63.0#
57 0.0 15.7 23.5#
100 0.0 9.7 14.5#

