

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100118\
 Data File : VW005759.D
 Acq On : 02 Oct 2018 02:48
 Operator : SY/AP
 Sample : J5181-06
 Misc : 3.77G/105ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 02 07:21:04 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	60007	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	57679	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	24322	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	11388	14.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.56%
7) Chloroethane-d5	2.89	69	11211	18.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.12%
10) 1,1-Dichloroethene-d2	4.01	63	19307	11.56	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.24%
20) 2-Butanone-d5	7.09	46	17476	71.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	142.32%#
24) Chloroform-d	7.65	84	37795	24.52	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.08%
26) 1,2-Dichloroethane-d4	8.31	65	26874	28.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.12%
29) Benzene-d6	8.28	84	62016	21.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.88%
33) 1,2-Dichloropropane-d6	9.28	67	23873	28.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.72%
37) Toluene-d8	10.33	98	49641	17.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.44%
38) trans-1,3-Dichloropropene-	10.59	79	8942	20.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.52%
39) 2-Hexanone-d5	10.93	63	10431	53.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.94%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	23786	29.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.68%
61) 1,2-Dichlorobenzene-d4	13.86	152	21343	24.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.20%

Target Compounds

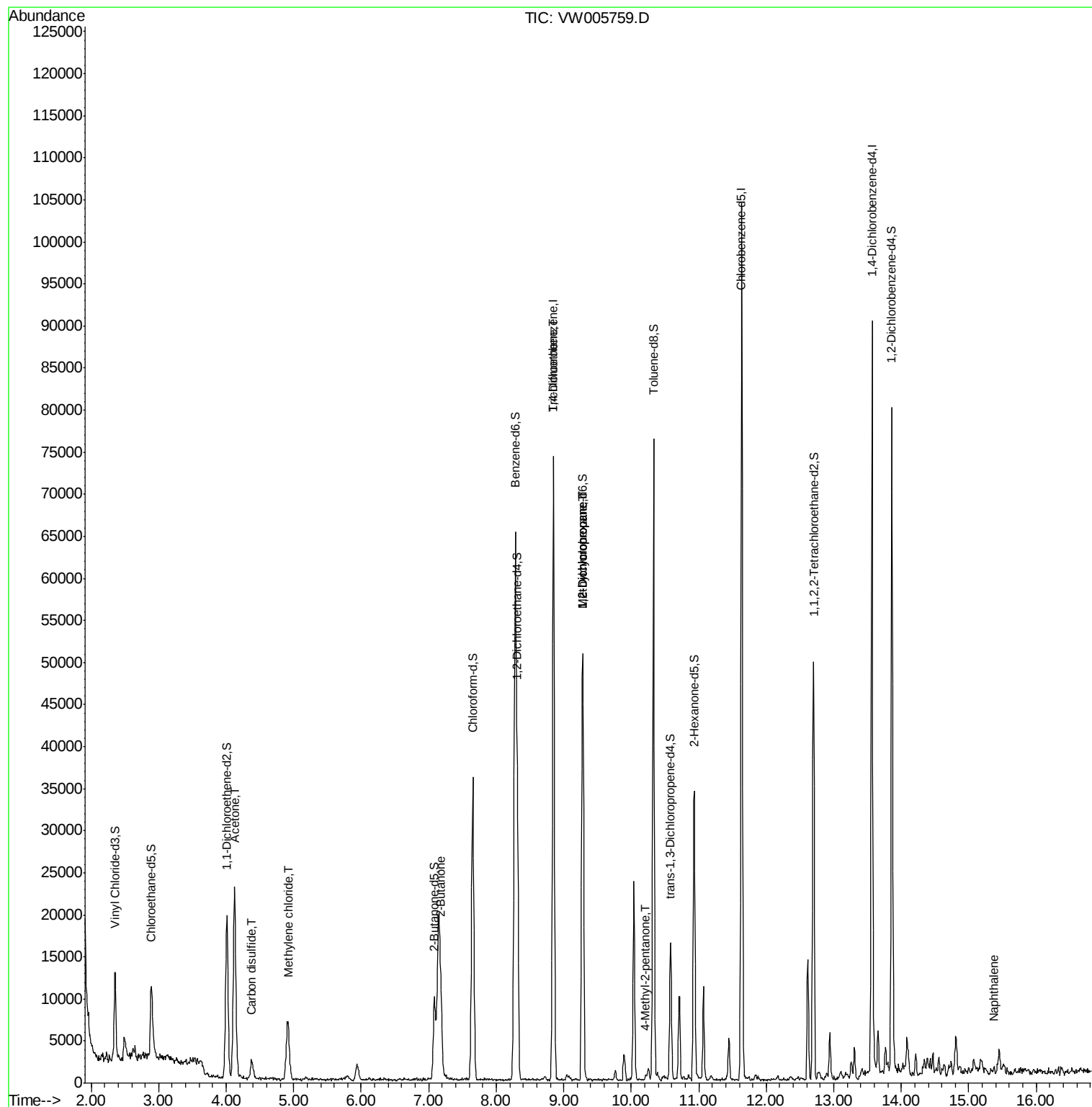
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.13	43	40009	156.444	ug/L	68
14) Carbon disulfide	4.37	76	3405	1.394	ug/L #	91
16) Methylene chloride	4.92	84	5084	5.138	ug/L	94
21) 2-Butanone	7.18	43	13336	43.543	ug/L	95
35) Trichloroethene	8.84	95	1825	2.093	ug/L #	5
36) Methylcyclohexane	9.27	83	6035	3.981	ug/L #	18
40) 1,2-Dichloropropane	9.27	63	2771	3.489	ug/L #	87
43) 4-Methyl-2-pentanone	10.22	43	600	0.926	ug/L #	64
69) Naphthalene	15.38	128	1070	0.513	ug/L #	93

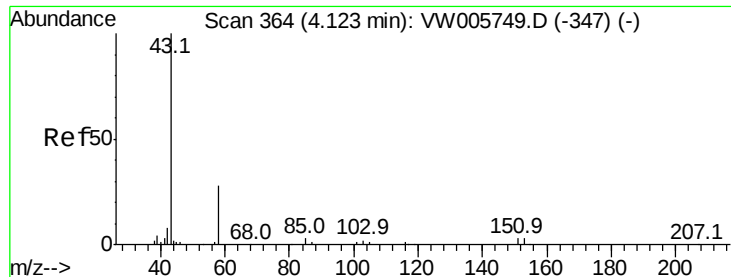
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 02 07:19:35 2018
Response via : Initial Calibration





#13

Acetone

Concen: 156.444 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW005759.D

Acq: 02 Oct 2018 02:48

Instrument :

MSVOA_W

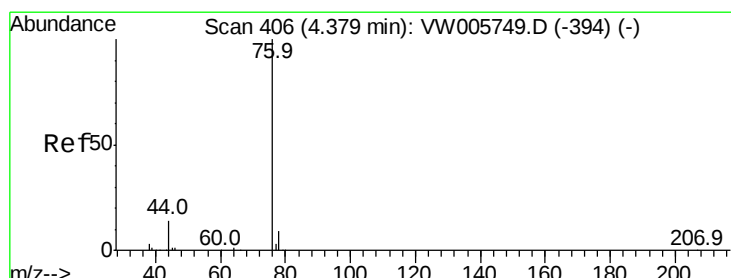
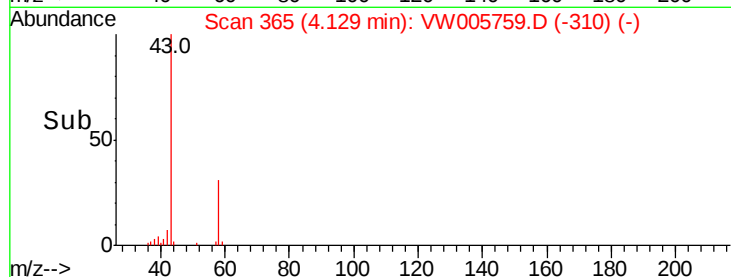
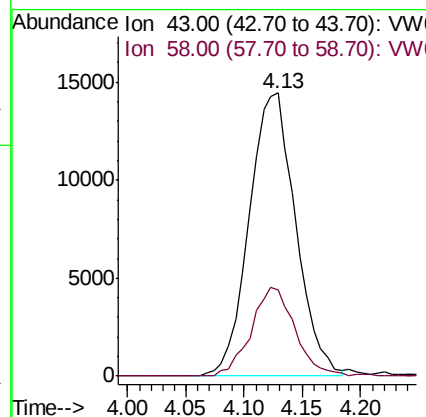
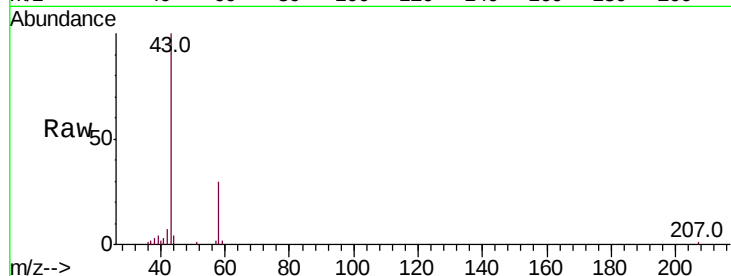
ClientSampleId :

Tot Ion: 43 Resp: 40009

Ion Ratio Lower Upper

43 100

58 29.4 0.0 31.8



#14

Carbon disulfide

Concen: 1.394 ug/L

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW005759.D

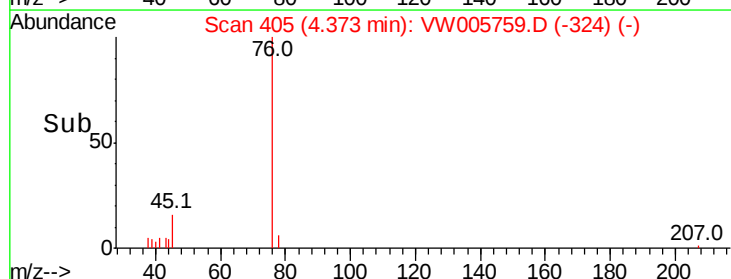
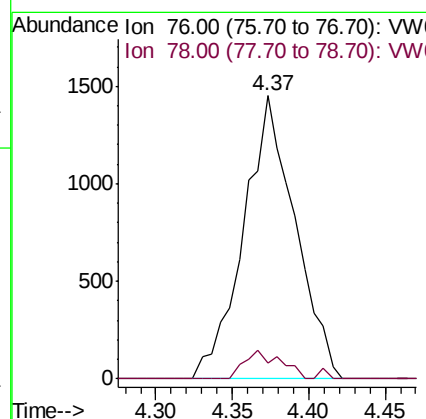
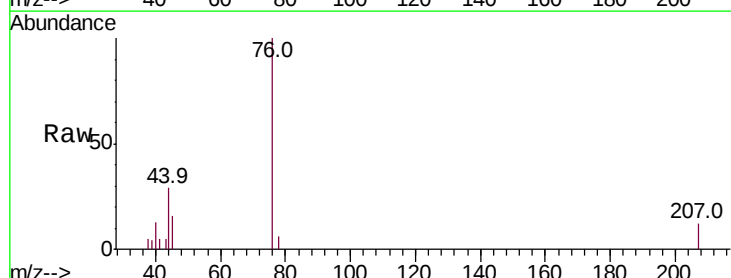
Acq: 02 Oct 2018 02:48

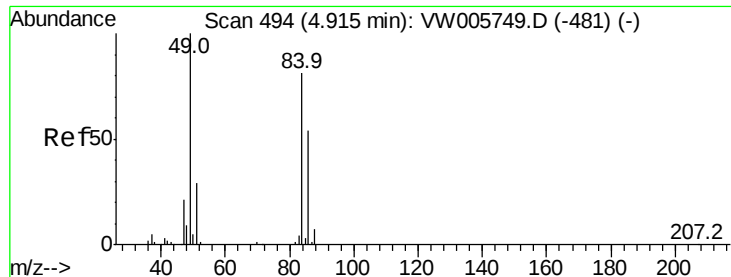
Tgt Ion: 76 Resp: 3405

Ion Ratio Lower Upper

76 100

78 5.6 7.1 10.7#

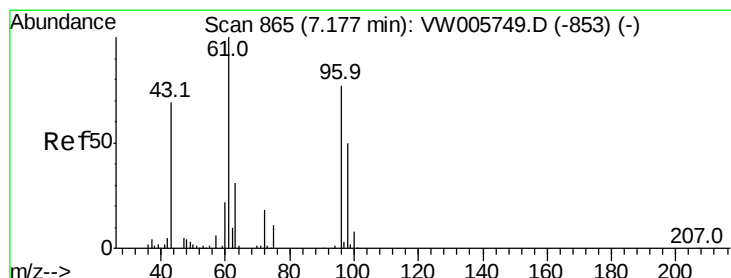
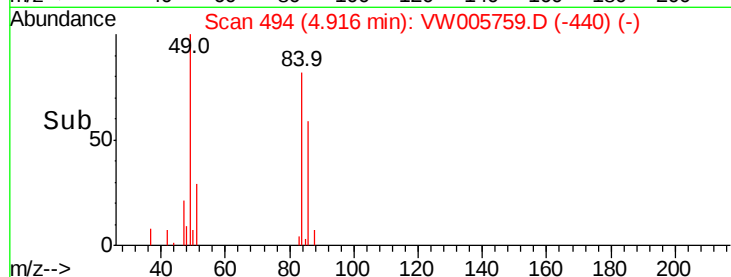
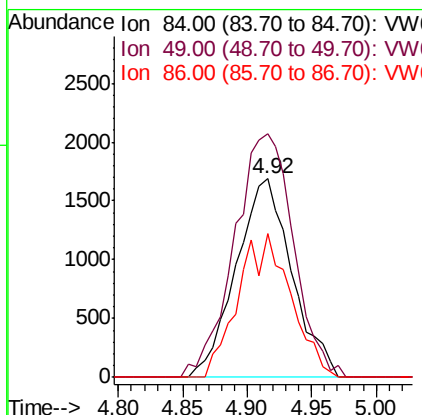
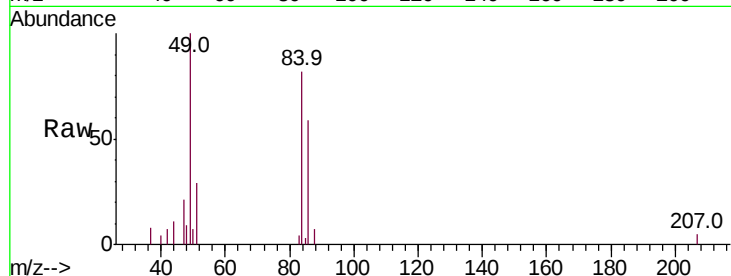




#16
Methvlene chloride
Concen: 5.138 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW005759.D
Acq: 02 Oct 2018 02:48

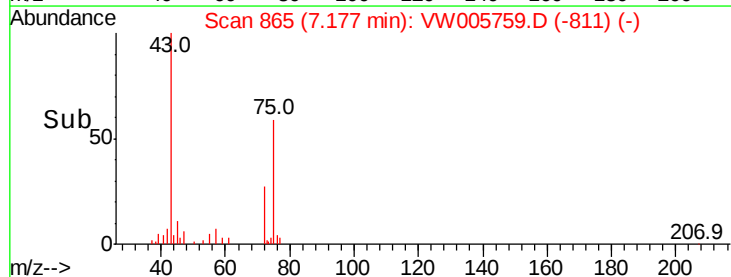
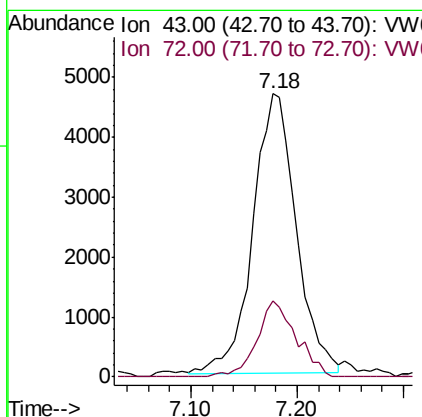
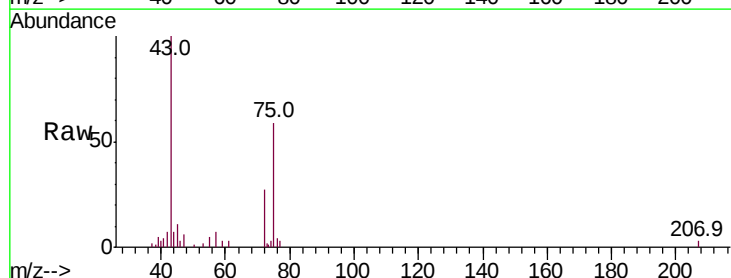
Instrument :
MSVOA_W
ClientSampleId :

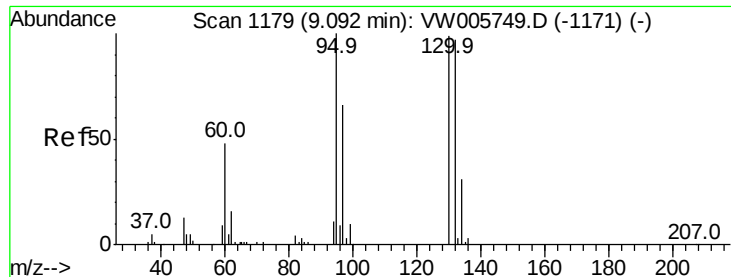
Tot Ion: 84 Resp: 5084
Ion Ratio Lower Upper
84 100
49 122.6 87.2 162.0
86 72.2 43.2 80.2



#21
2-Butanone
Concen: 43.543 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.00 min
Lab File: VW005759.D
Acq: 02 Oct 2018 02:48

Tgt Ion: 43 Resp: 13336
Ion Ratio Lower Upper
43 100
72 24.0 13.2 39.6





#35

Trichloroethene

Concen: 2.093 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW005759.D

Acq: 02 Oct 2018 02:48

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 95 Resp: 1825

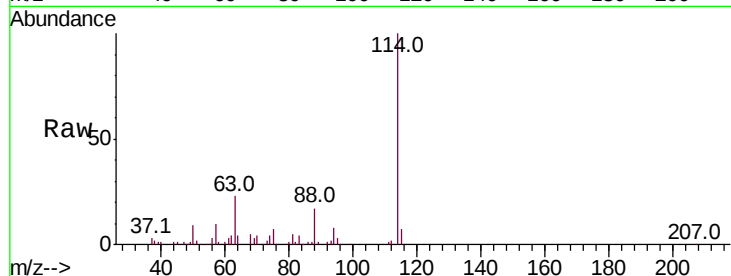
Ion Ratio Lower Upper

95 100

97 0.0 45.2 84.0#

132 0.0 68.0 126.4#

130 0.0 71.3 132.5#

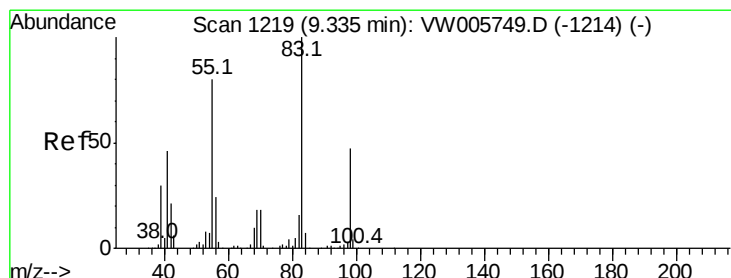
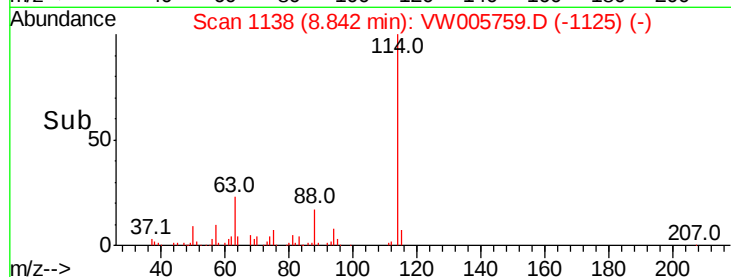
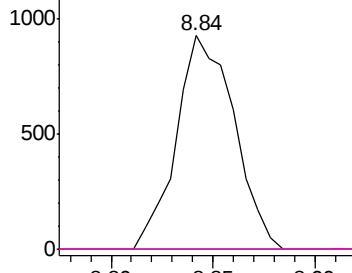


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 3.981 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW005759.D

Acq: 02 Oct 2018 02:48

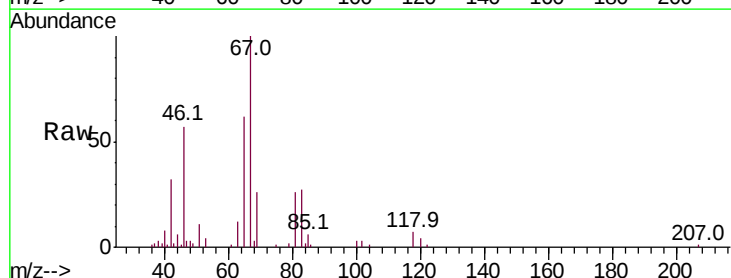
Tgt Ion: 83 Resp: 6035

Ion Ratio Lower Upper

83 100

55 0.0 62.5 93.7#

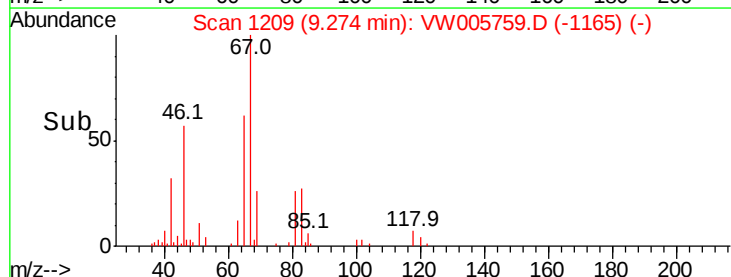
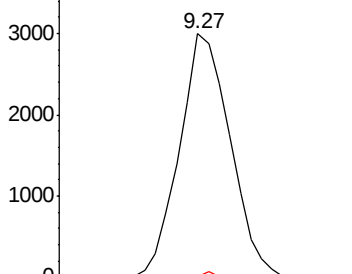
98 0.0 37.7 56.5#

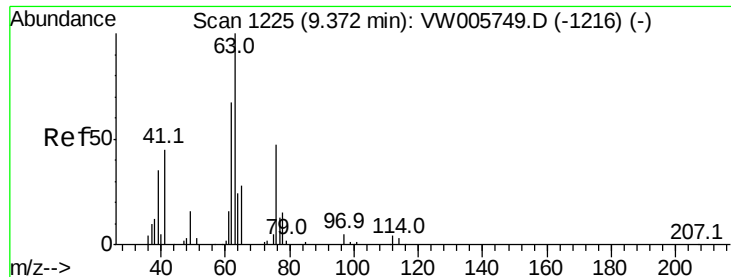


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

1,2-Dichloropropane

Concen: 3.489 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW005759.D

Acq: 02 Oct 2018 02:48

Instrument :

MSVOA_W

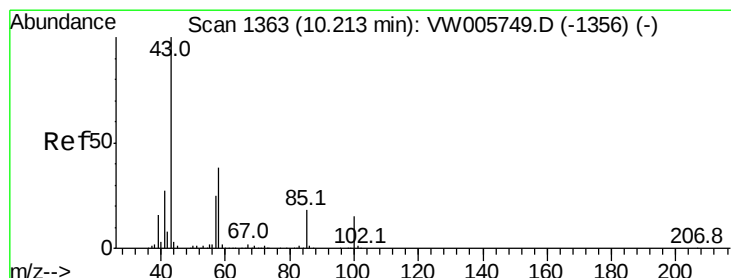
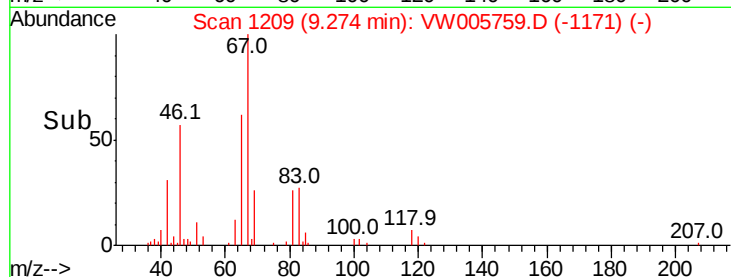
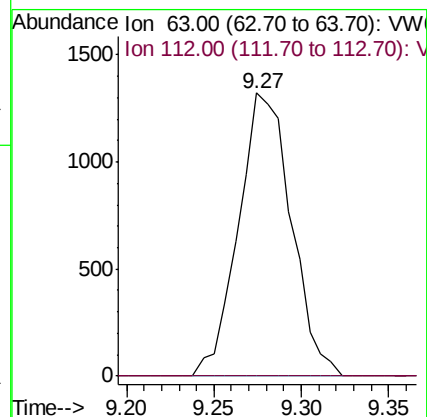
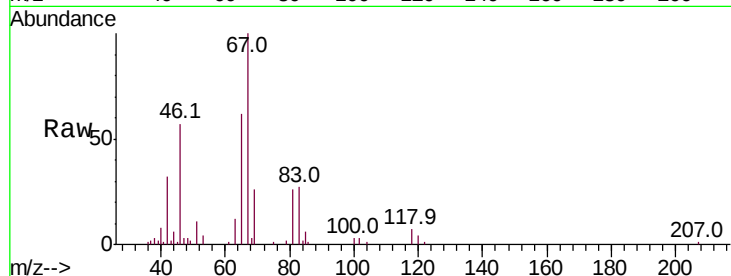
ClientSampled :

Tot Ion: 63 Resp: 2771

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#43

4-Methyl-2-pentanone

Concen: 0.926 ug/L

RT: 10.22 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VW005759.D

Acq: 02 Oct 2018 02:48

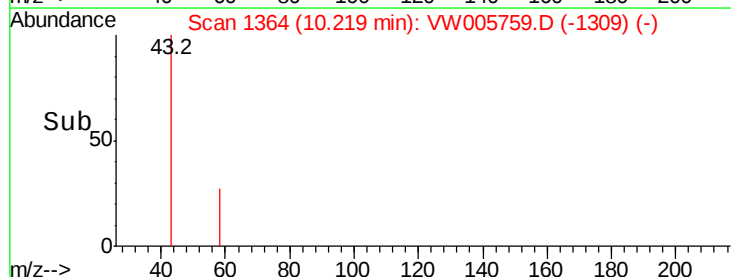
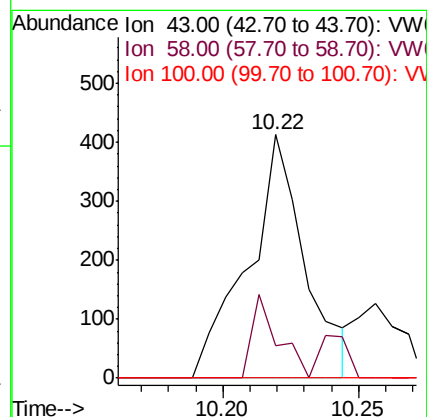
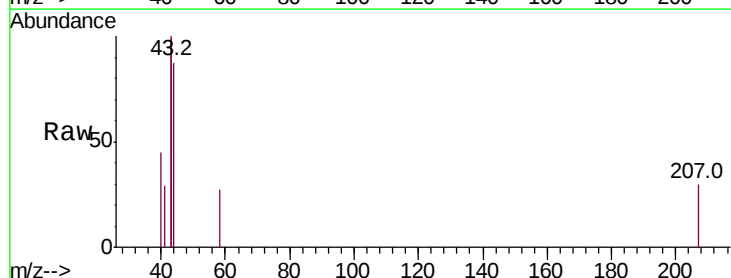
Tgt Ion: 43 Resp: 600

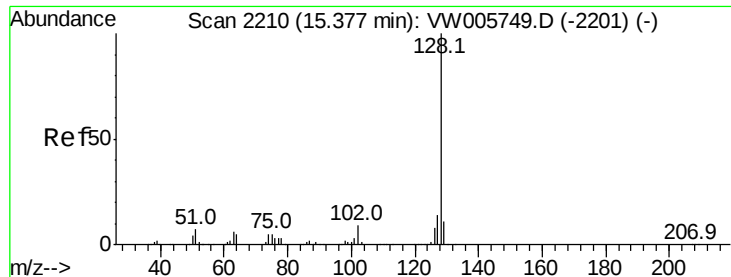
Ion Ratio Lower Upper

43 100

58 15.7 29.8 44.8#

100 0.0 12.2 18.4#





#69

Naphthalene

Concen: 0.513 ug/L

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW005759.D

Acq: 02 Oct 2018 02:48

Instrument :

MSVOA_W

ClientSampleId :

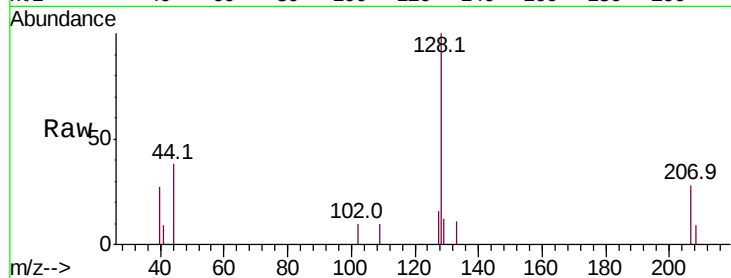
Tot Ion:128 Resp: 1070

Ion Ratio Lower Upper

128 100

129 6.6 8.8 13.2#

127 12.6 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

