

Data File : VW005091.D
Acq On : 04 Sep 2018 20:14
Operator : SY/AP
Sample : J4710-05
Misc : 6.47G/5ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-08-10-10.5

Quant Time: Sep 05 04:14:58 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	384826	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	640486	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	636943	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	285742	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	127293	39.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.80%	
35) Dibromofluoromethane	7.89	113	139353	37.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.30%	
50) Toluene-d8	10.33	98	535292	31.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	62.78%	
62) 4-Bromofluorobenzene	12.62	95	170287	28.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	56.64%	

Target Compounds

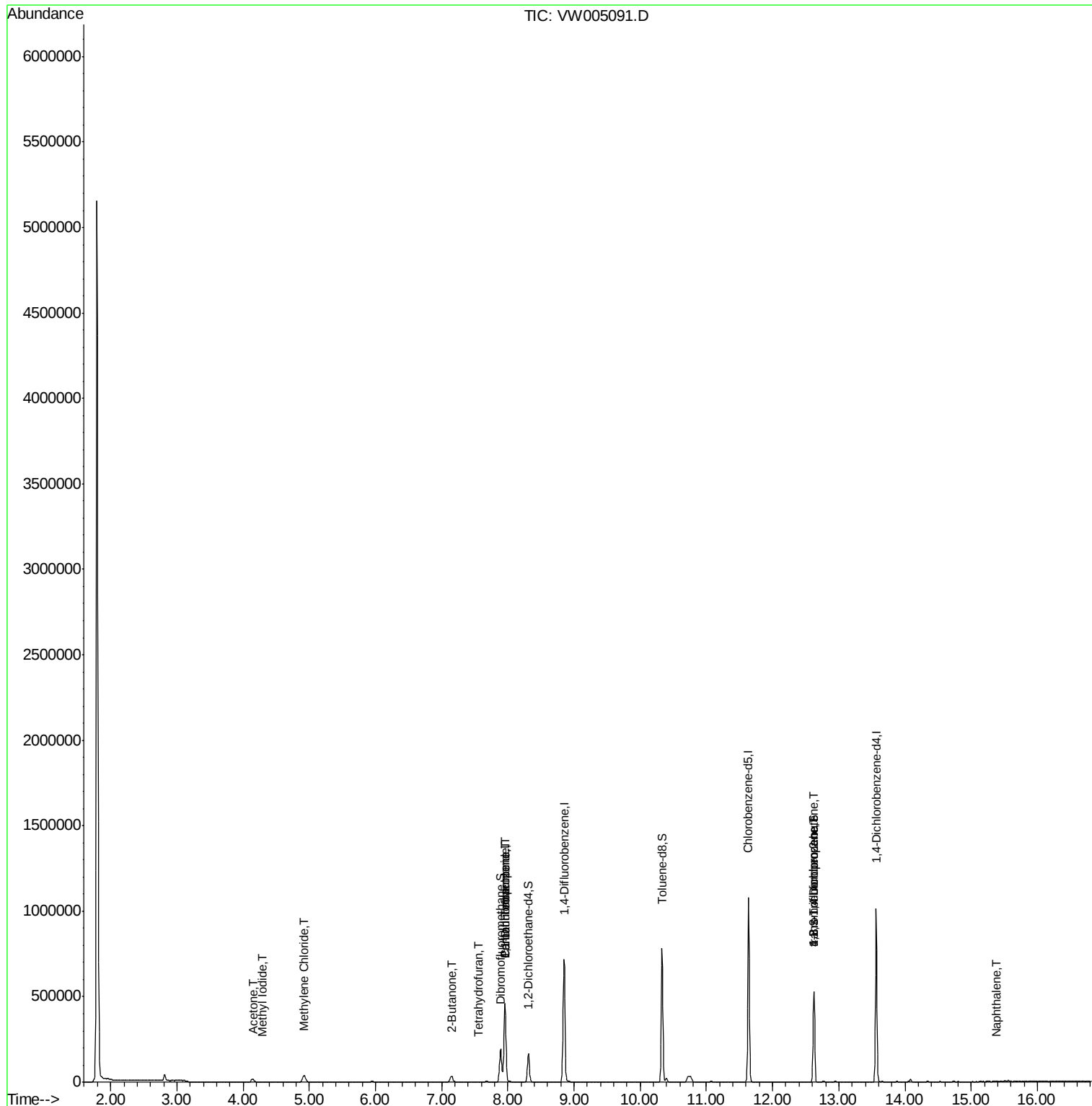
						Qvalue
5) Bromomethane	2.77	94	771	Below Cal		93
10) Methyl Iodide	4.29	142	334	3.880 ug/l #		44
11) Tert butyl alcohol	5.18	59	56	Below Cal #		72
16) Acetone	4.15	43	30141	47.113 ug/l		93
20) Methylene Chloride	4.93	84	32647	3.970 ug/l		95
25) 2-Butanone	7.16	43	1539	1.387 ug/l		90
29) Tetrahydrofuran	7.56	42	678	1.196 ug/l #		69
36) 1,1-Dichloropropene	7.96	75	24598	4.032 ug/l #		49
38) Carbon Tetrachloride	7.96	117	33513	5.778 ug/l #		17
76) 1,2,3-Trichloropropane	12.62	75	78201	36.460 ug/l #		100
81) trans-1,4-Dichloro-2-buten	12.62	75	78201	87.755 ug/l #		15
95) Naphthalene	15.38	128	1116	4.079 ug/l #		81

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005091.D

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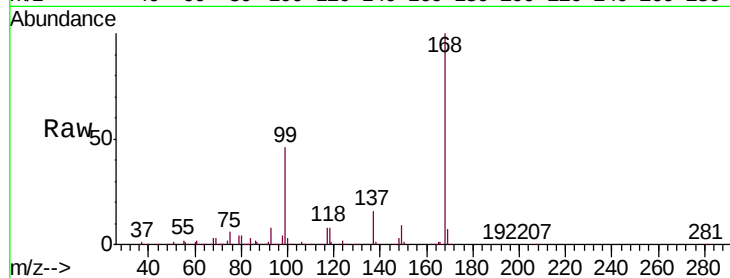
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-08-10-10.5

Tgt Ion:168 Resp: 384826

Ion Ratio Lower Upper

168 100

99 46.5 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

200000

150000

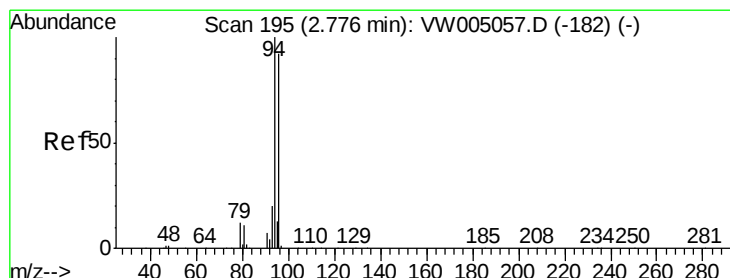
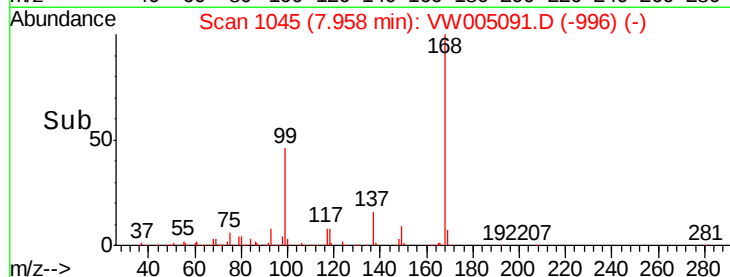
100000

50000

0

7.80 7.90 8.00 8.10

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VW005091.D

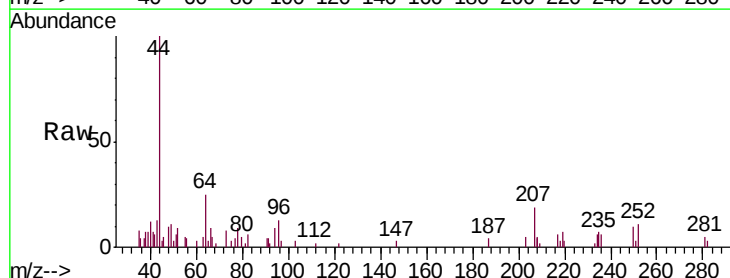
Acq: 04 Sep 2018 20:14

Tgt Ion: 94 Resp: 771

Ion Ratio Lower Upper

94 100

96 97.9 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

500

400

300

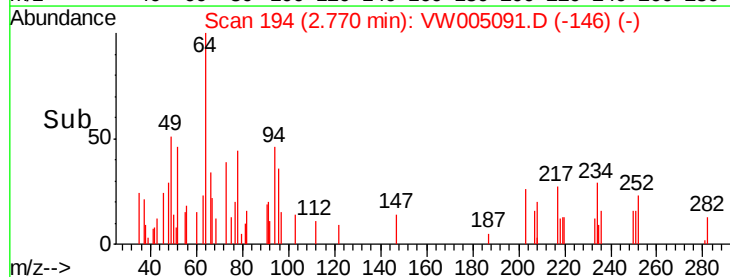
200

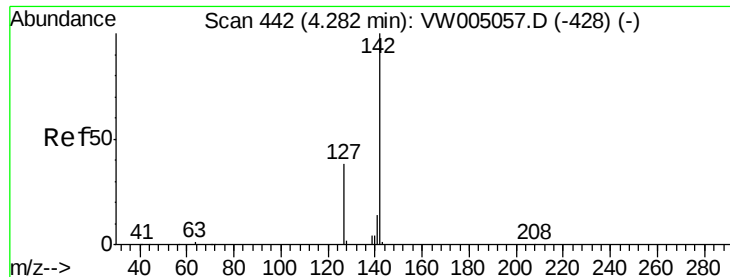
100

0

2.70 2.75 2.80

Time-->

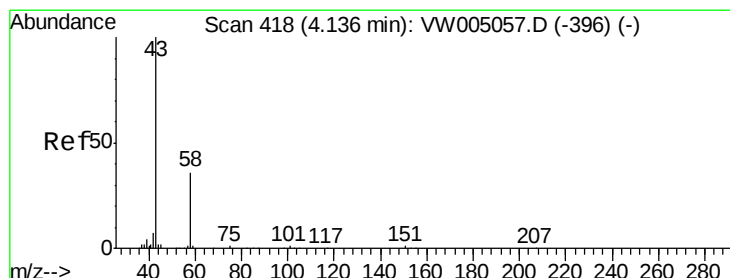
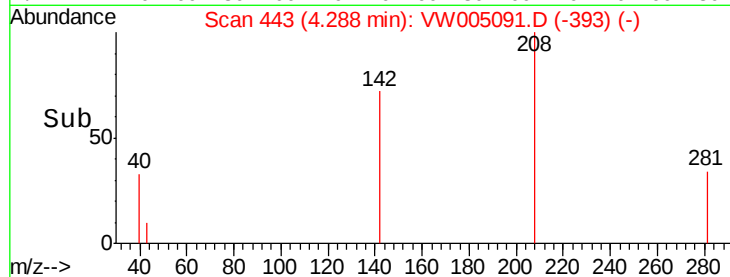
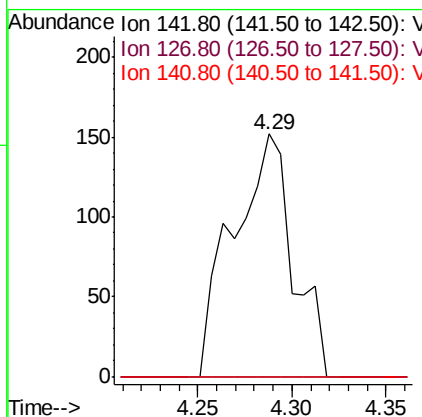
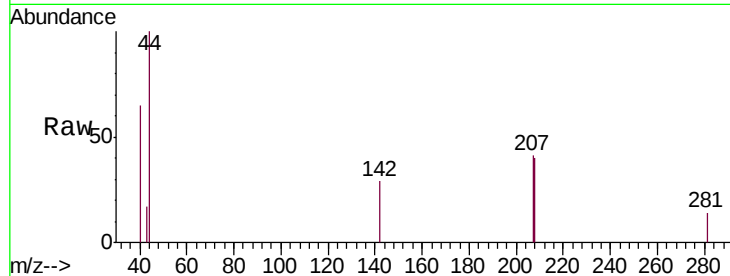




#10
Methyl Iodide
Concen: 3.880 ug/l
RT: 4.29 min Scan# 443
Delta R.T. 0.01 min
Lab File: VW005091.D
Acq: 04 Sep 2018 20:14

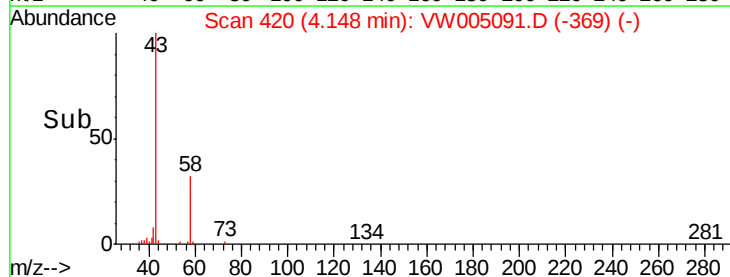
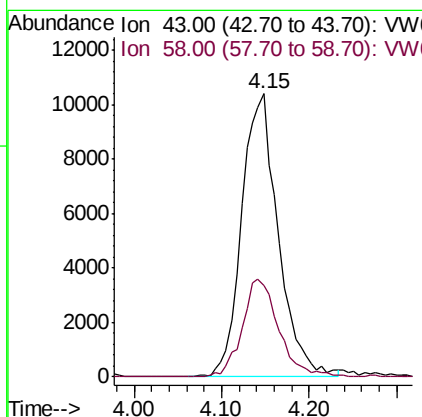
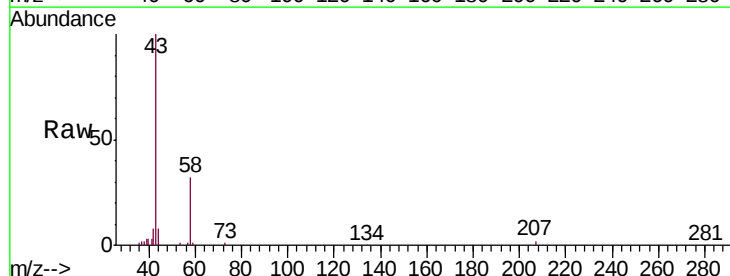
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-08-10-10.5

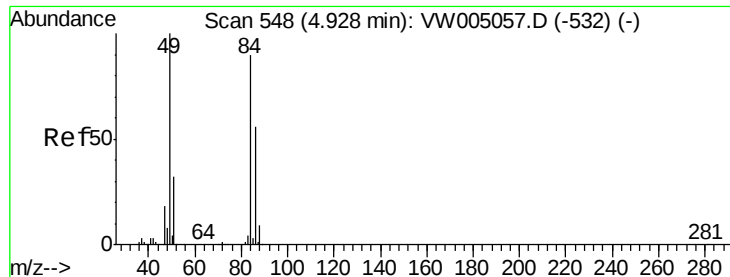
Tgt Ion: 142 Resp: 334
Ion Ratio Lower Upper
142 100
127 0.0 30.8 46.2#
141 0.0 11.6 17.4#



#16
Acetone
Concen: 47.113 ug/l
RT: 4.15 min Scan# 420
Delta R.T. 0.01 min
Lab File: VW005091.D
Acq: 04 Sep 2018 20:14

Tgt Ion: 43 Resp: 30141
Ion Ratio Lower Upper
43 100
58 32.3 29.0 43.6

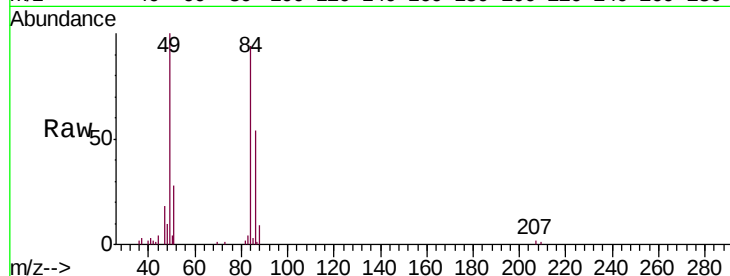




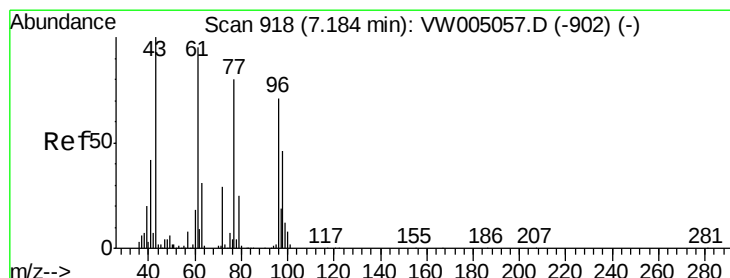
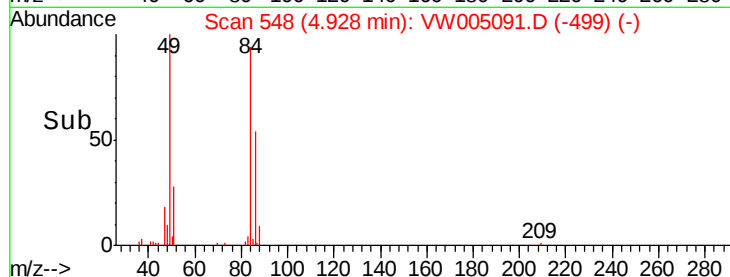
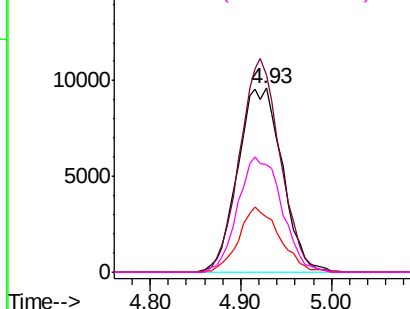
#20
Methylene Chloride
Concen: 3.970 ug/l
RT: 4.93 min Scan# 548
Delta R.T. -0.00 min
Lab File: VW005091.D
Acq: 04 Sep 2018 20:14

Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-08-10-10.5

Tgt Ion: 84 Resp: 32647
Ion Ratio Lower Upper
84 100
49 106.8 88.7 133.1
51 29.8 28.6 42.8
86 58.2 49.4 74.2

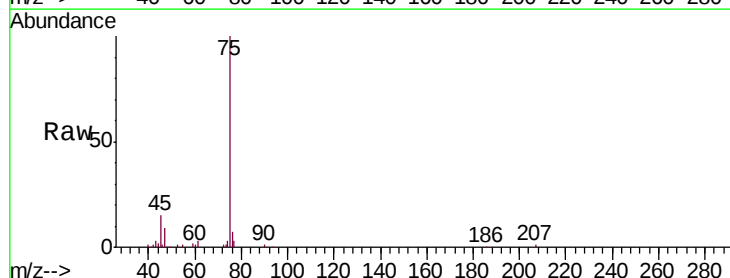


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

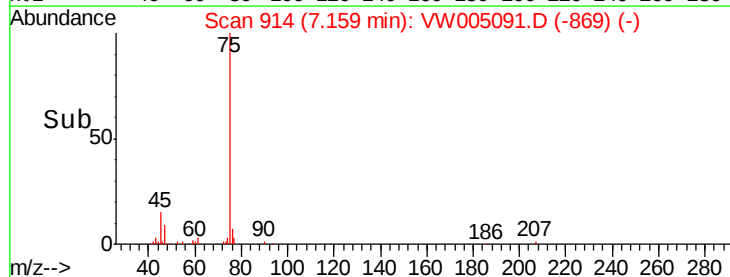
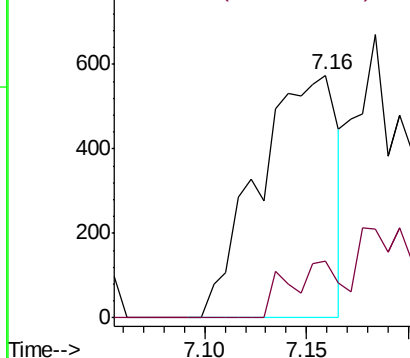


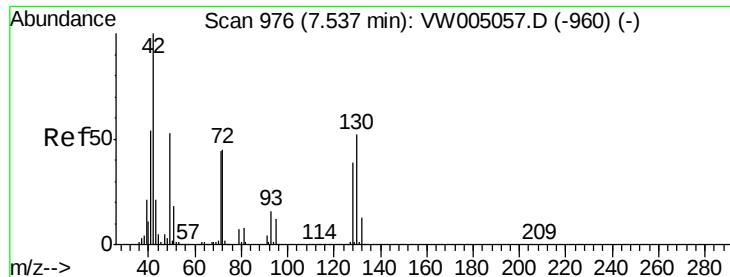
#25
2-Butanone
Concen: 1.387 ug/l
RT: 7.16 min Scan# 914
Delta R.T. -0.02 min
Lab File: VW005091.D
Acq: 04 Sep 2018 20:14

Tgt Ion: 43 Resp: 1539
Ion Ratio Lower Upper
43 100
72 23.7 23.1 34.7



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





#29

Tetrahydrofuran

Concen: 1.196 ug/l

RT: 7.56 min Scan# 979

Delta R.T. 0.02 min

Lab File: VW005091.D

Acq: 04 Sep 2018 20:14

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-08-10-10.5

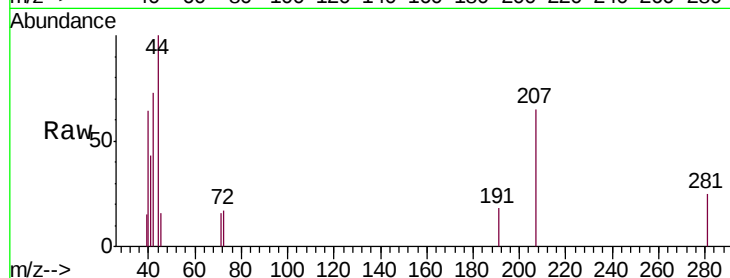
Tgt Ion: 42 Resp: 678

Ion Ratio Lower Upper

42 100

72 30.7 37.0 55.4#

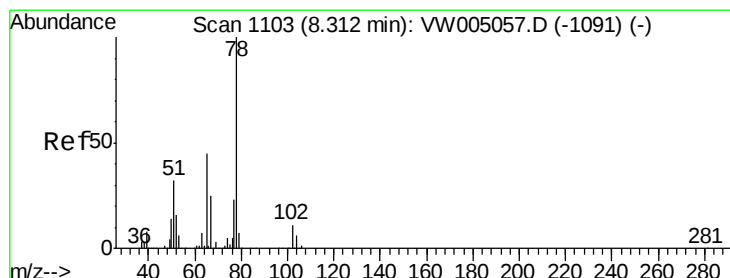
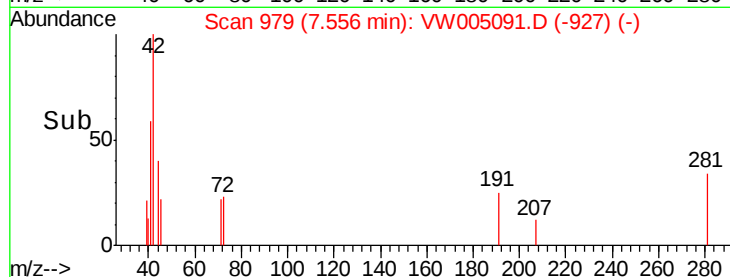
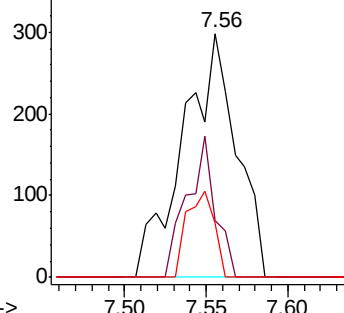
71 18.3 35.0 52.6#



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#33

1,2-Dichloroethane-d4

Concen: 39.903 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW005091.D

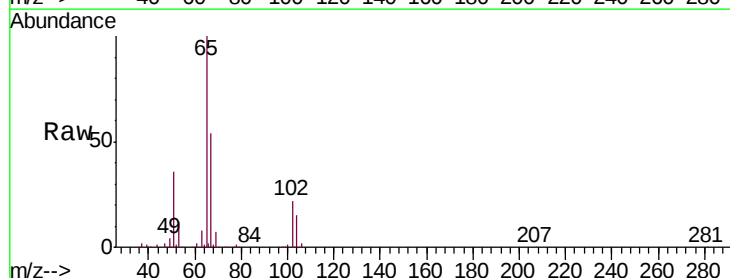
Acq: 04 Sep 2018 20:14

Tgt Ion: 65 Resp: 127293

Ion Ratio Lower Upper

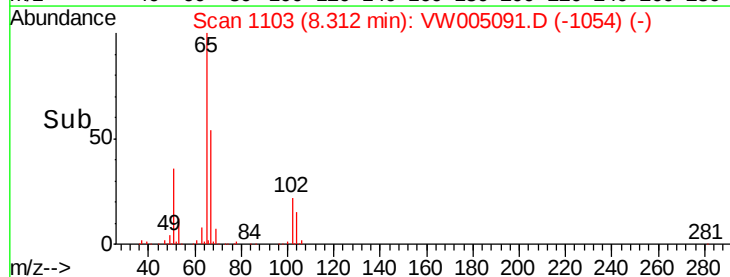
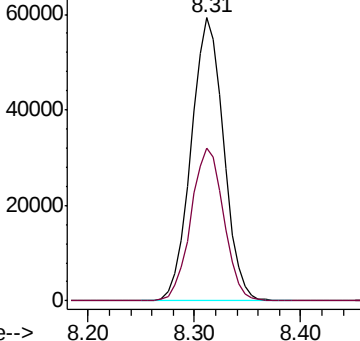
65 100

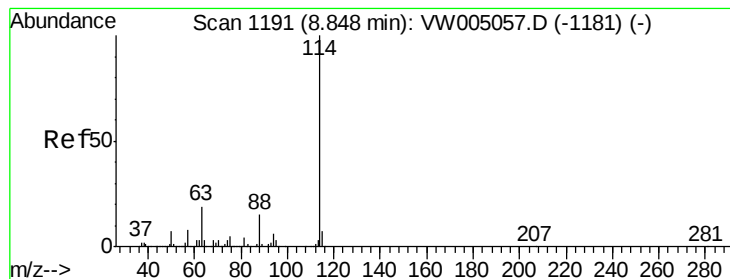
67 54.7 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW005091.D

Acq: 04 Sep 2018 20:14

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-08-10-10.5

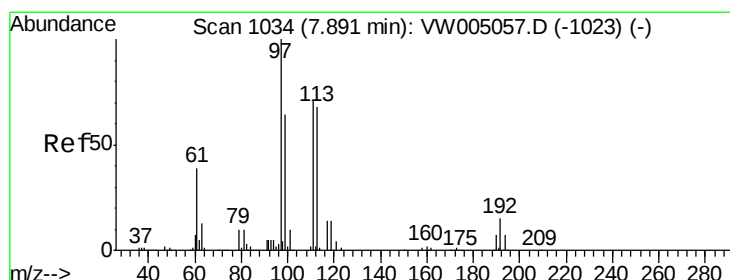
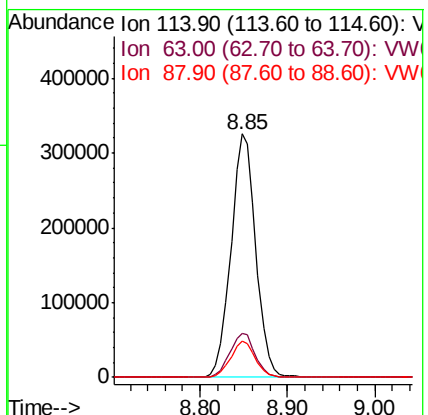
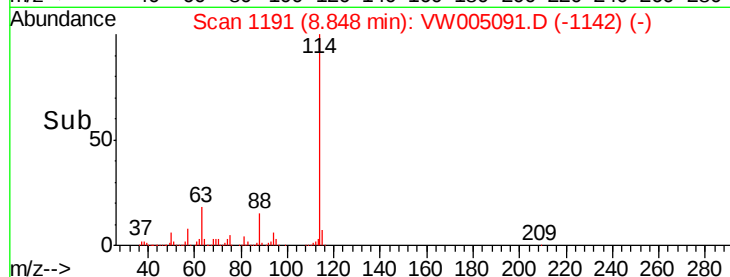
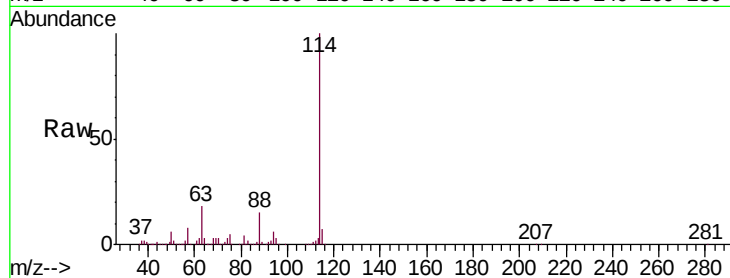
Tgt Ion:114 Resp: 640486

Ion Ratio Lower Upper

114 100

63 17.8 0.0 38.0

88 14.7 0.0 30.2



#35

Dibromofluoromethane

Concen: 37.650 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VW005091.D

Acq: 04 Sep 2018 20:14

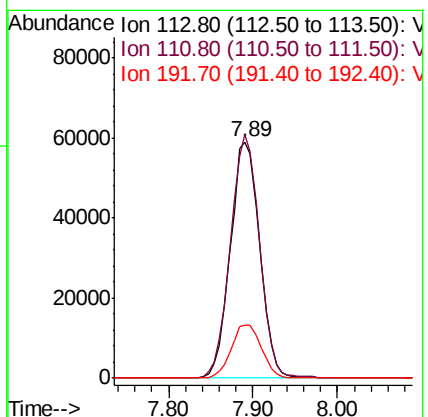
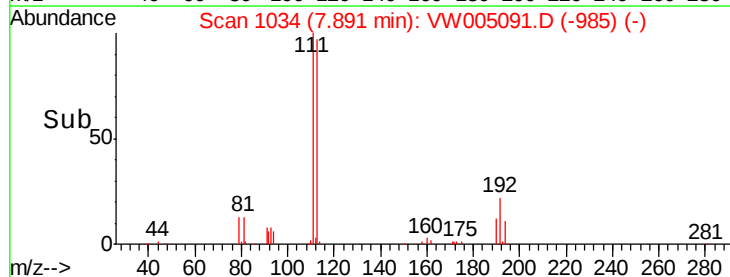
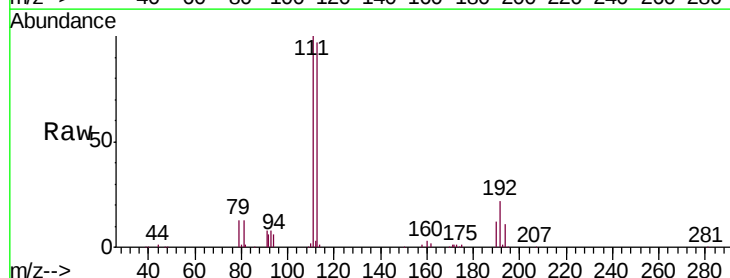
Tgt Ion:113 Resp: 139353

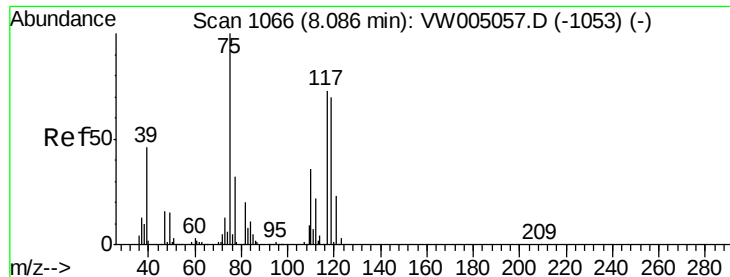
Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.2

192 23.1 18.1 27.1





#36

1,1-Dichloropropene

Concen: 4.032 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.13 min

Lab File: VW005091.D

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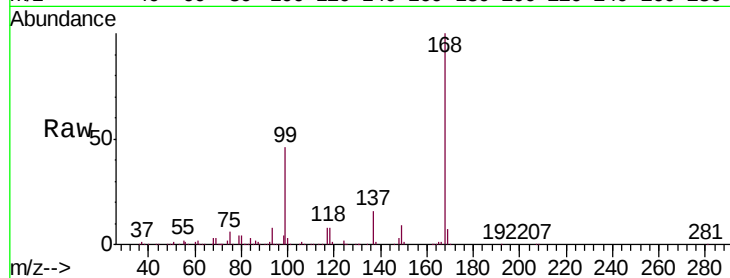
Tgt Ion: 75 Resp: 24598

Ion Ratio Lower Upper

75 100

110 9.9 18.9 56.7#

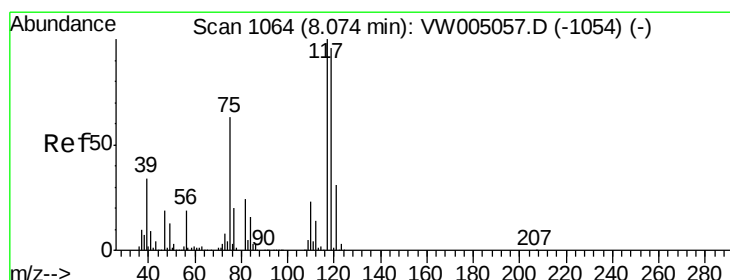
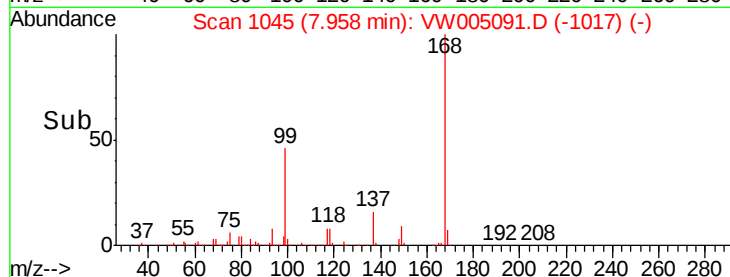
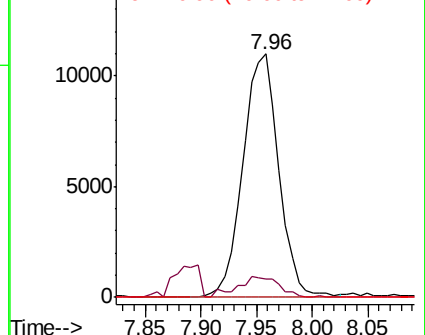
77 0.0 25.5 38.3#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW



#38

Carbon Tetrachloride

Concen: 5.778 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.12 min

Lab File: VW005091.D

Acq: 04 Sep 2018 20:14

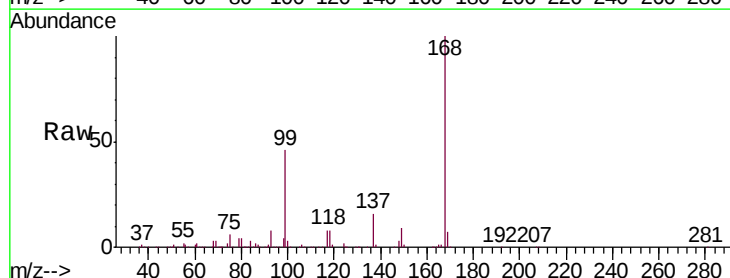
Tgt Ion: 117 Resp: 33513

Ion Ratio Lower Upper

117 100

119 6.5 76.6 115.0#

121 0.0 24.8 37.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

