

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091118\
 Data File : VW005300.D
 Acq On : 12 Sep 2018 03:48
 Operator : SY/AP
 Sample : J4777-05
 Misc : 6.89G/5ML/MSVOA_W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-02-61.0-61.5RE

Quant Time: Sep 12 06:46:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	476724	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	766023	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	635470	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	235626	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	183957	51.74	ug/l	0.00
Spiked Amount			Recovery	=	103.48%	
35) Dibromofluoromethane	7.89	113	172690	43.04	ug/l	0.00
Spiked Amount			Recovery	=	86.08%	
50) Toluene-d8	10.33	98	607690	29.97	ug/l	0.00
Spiked Amount			Recovery	=	59.94%	
62) 4-Bromofluorobenzene	12.63	95	203053	27.38	ug/l	0.00
Spiked Amount			Recovery	=	54.76%	

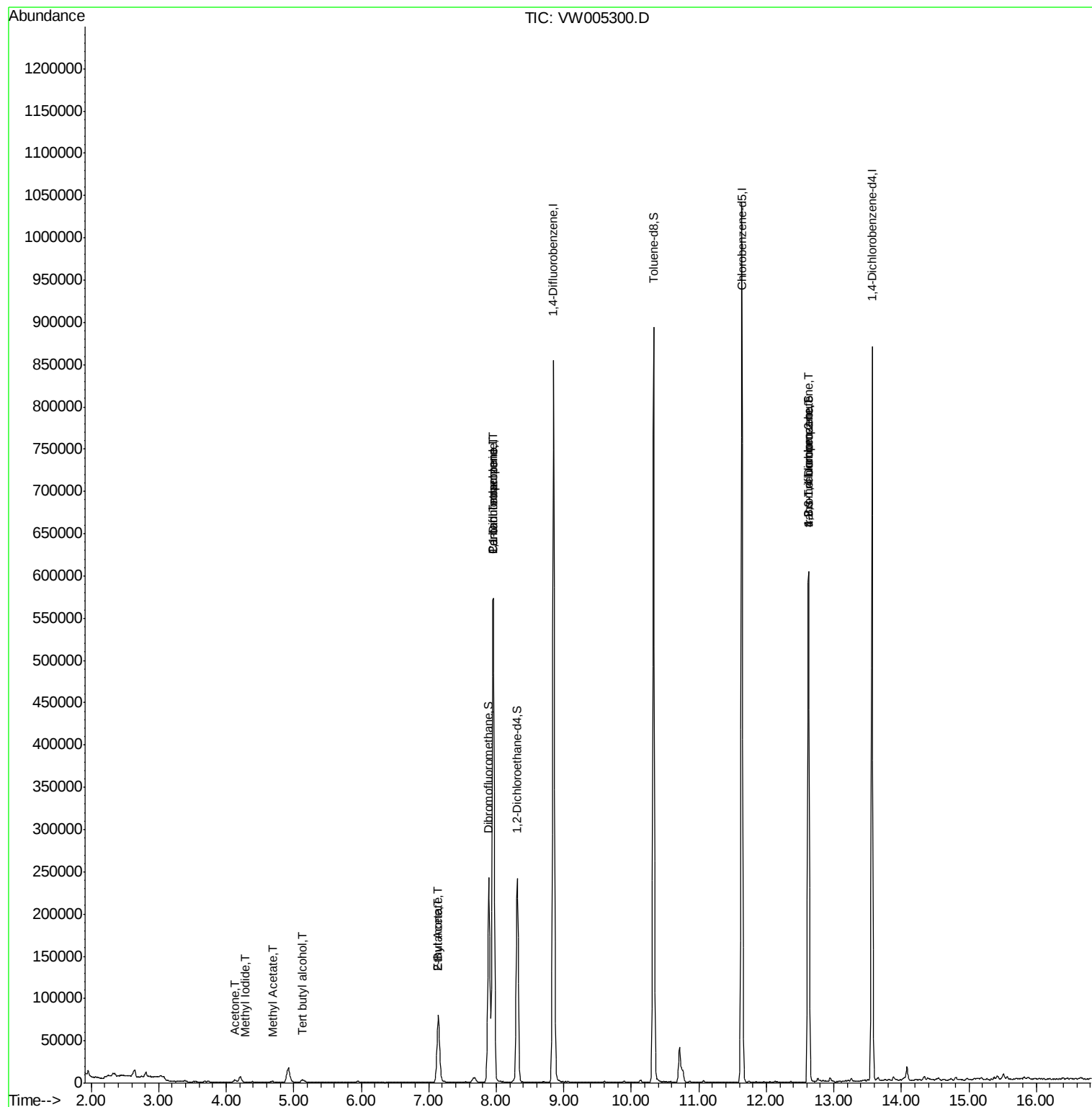
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.78	94	654	Below Cal	#	34
10) Methyl Iodide	4.28	142	459	3.411	ug/l #	67
11) Tert butyl alcohol	5.13	59	3531	12.109	ug/l #	73
16) Acetone	4.12	43	4850	7.349	ug/l #	87
18) Methyl Acetate	4.70	43	2658	1.349	ug/l	90
20) Methylene Chloride	4.92	84	14485	Below Cal		98
25) 2-Butanone	7.14	43	3818	3.667	ug/l #	64
36) 1,1-Dichloropropene	7.95	75	32352	4.610	ug/l #	48
37) Ethyl Acetate	7.14	43	3818	1.430	ug/l #	1
38) Carbon Tetrachloride	7.96	117	42454	6.458	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	94126	51.937	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	94126	121.803	ug/l #	16

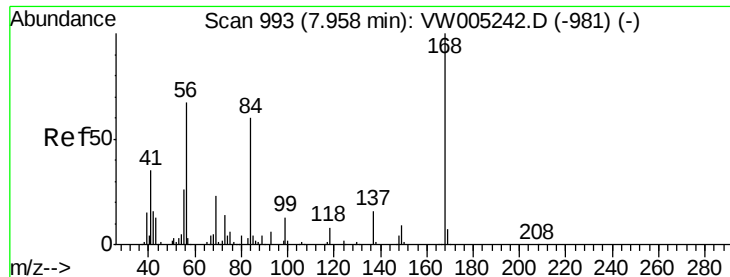
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005300.D

Acq: 12 Sep 2018 03:48

Instrument :

MSVOA_W

ClientSampleId :

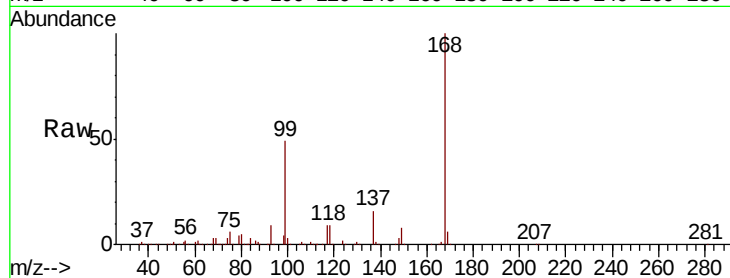
ENY-SB-02-61.0-61.5RE

Tgt Ion:168 Resp: 476724

Ion Ratio Lower Upper

168 100

99 49.3 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

200000

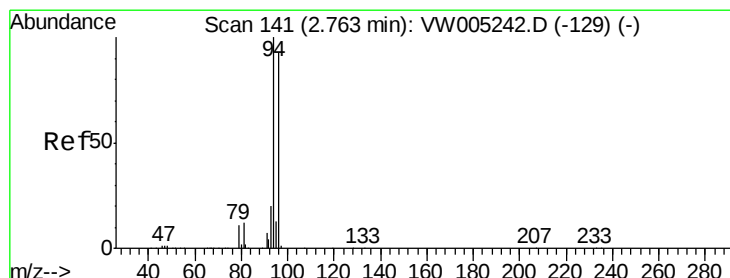
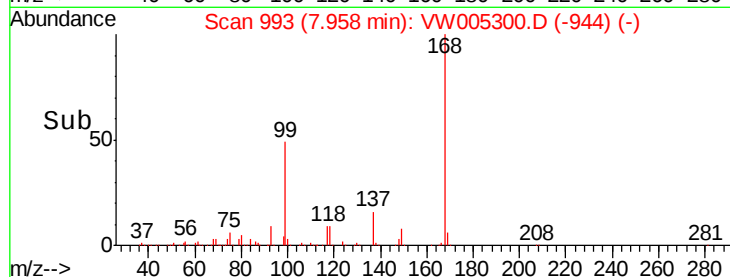
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 143

Delta R.T. 0.01 min

Lab File: VW005300.D

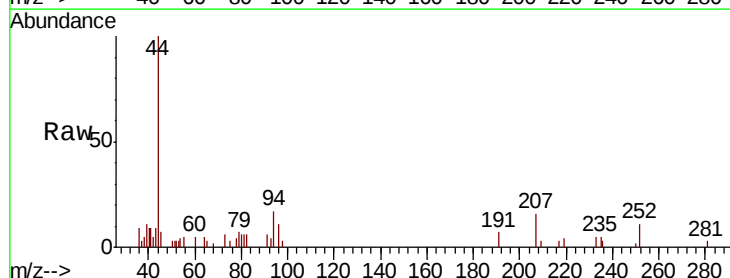
Acq: 12 Sep 2018 03:48

Tgt Ion: 94 Resp: 654

Ion Ratio Lower Upper

94 100

96 29.5 74.1 111.1#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.78

500

400

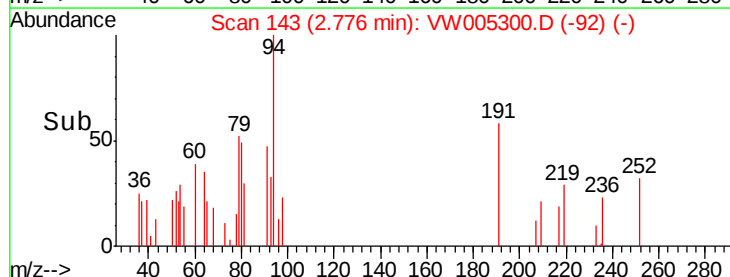
300

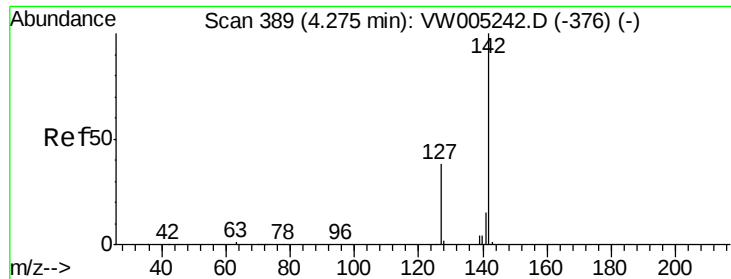
200

100

0

Time-->





#10

Methyl Iodide

Concen: 3.411 ug/l

RT: 4.28 min Scan# 390

Delta R.T. 0.01 min

Lab File: VW005300.D

Acq: 12 Sep 2018 03:48

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5RE

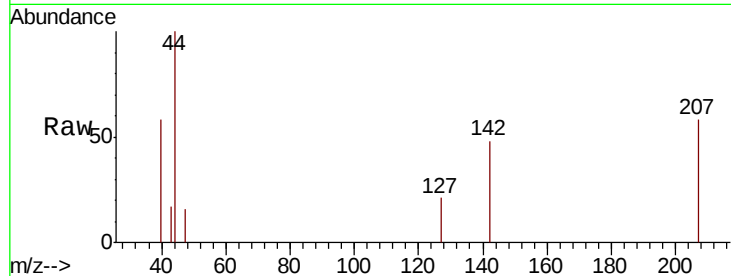
Tgt Ion: 142 Resp: 459

Ion Ratio Lower Upper

142 100

127 18.1 30.3 45.5#

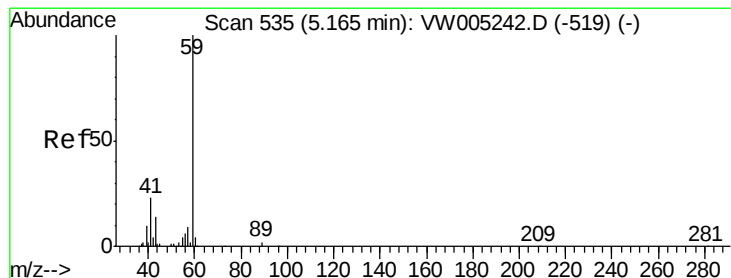
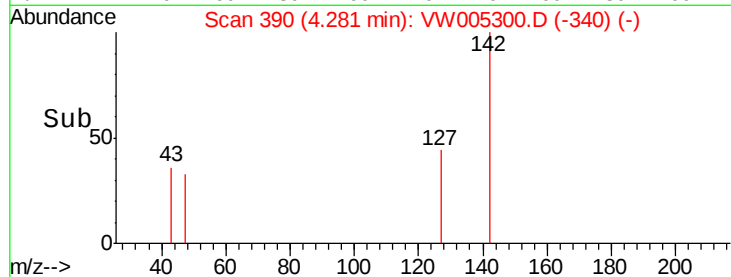
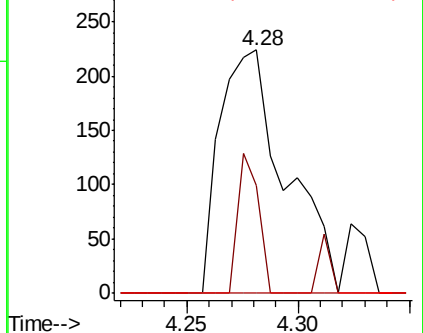
141 0.0 11.4 17.0#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



#11

Tert butyl alcohol

Concen: 12.109 ug/l

RT: 5.13 min Scan# 529

Delta R.T. -0.04 min

Lab File: VW005300.D

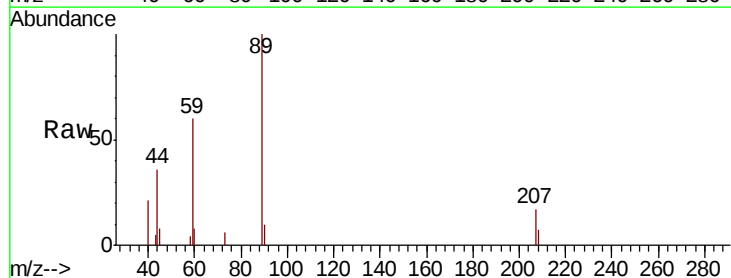
Acq: 12 Sep 2018 03:48

Tgt Ion: 59 Resp: 3531

Ion Ratio Lower Upper

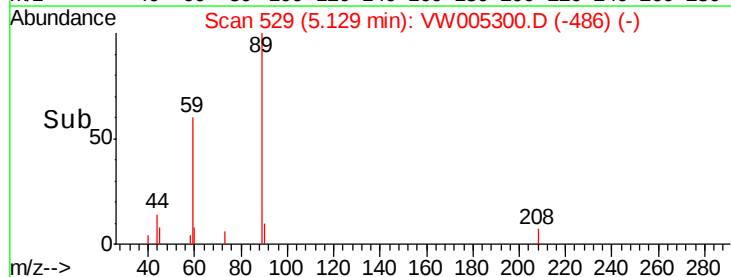
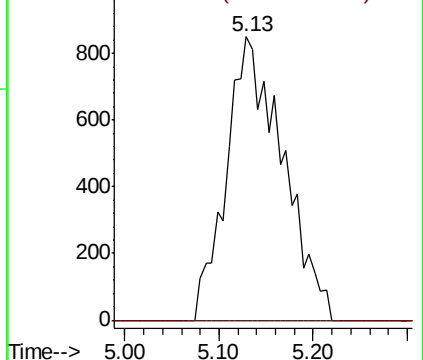
59 100

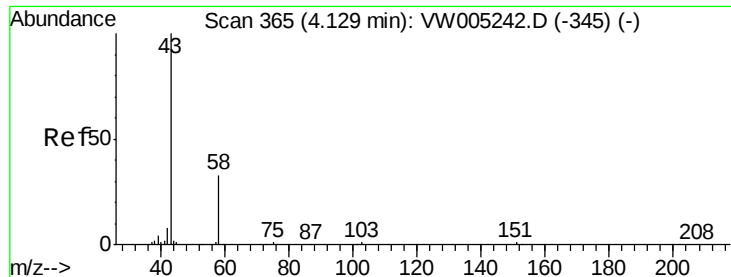
57 0.0 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 7.349 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW005300.D

Acq: 12 Sep 2018 03:48

Instrument :

MSVOA_W

ClientSampleId :

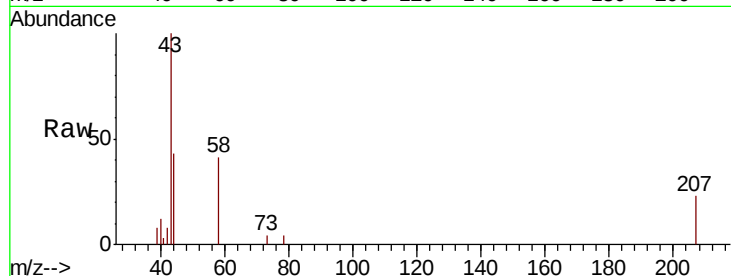
ENY-SB-02-61.0-61.5RE

Tgt Ion: 43 Resp: 4850

Ion Ratio Lower Upper

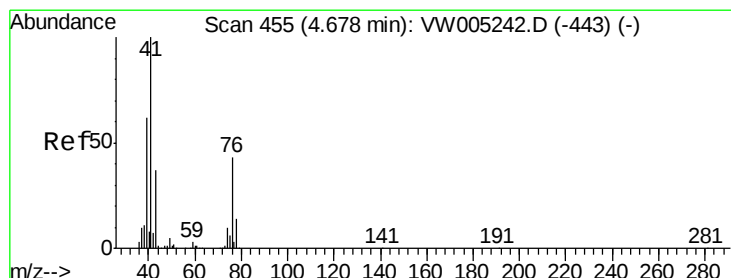
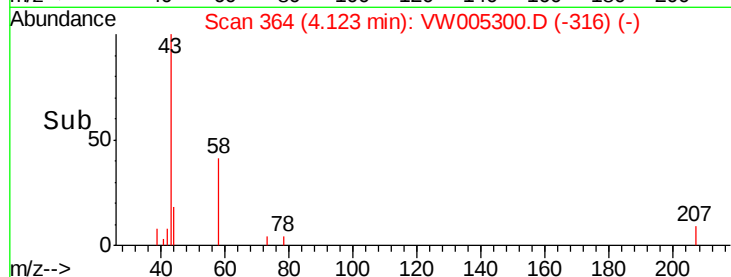
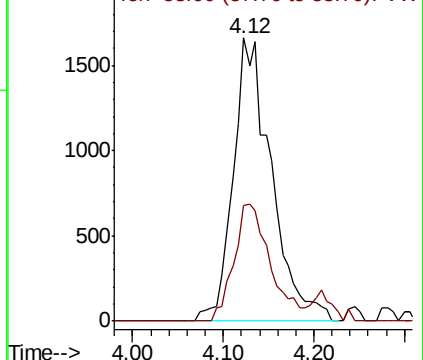
43 100

58 40.8 26.7 40.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#18

Methyl Acetate

Concen: 1.349 ug/l

RT: 4.70 min Scan# 458

Delta R.T. 0.02 min

Lab File: VW005300.D

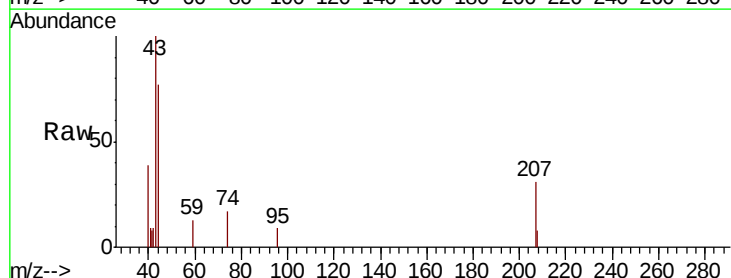
Acq: 12 Sep 2018 03:48

Tgt Ion: 43 Resp: 2658

Ion Ratio Lower Upper

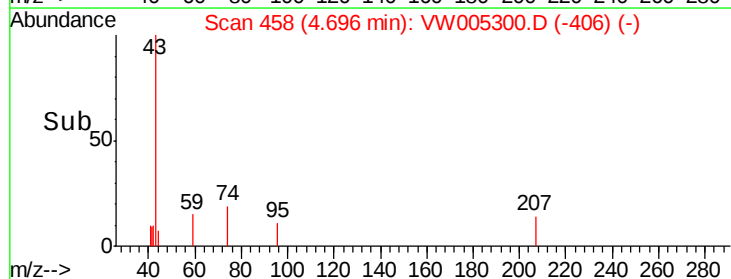
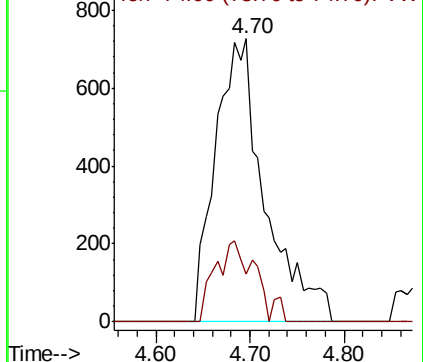
43 100

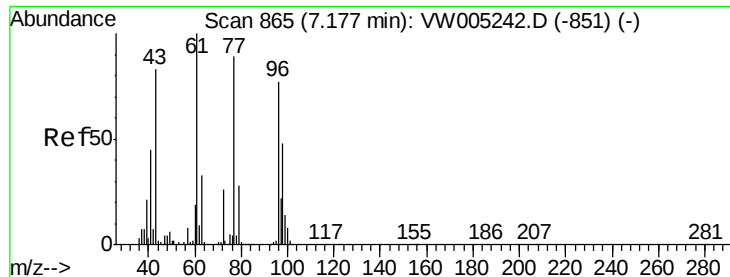
74 21.6 21.4 32.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





#25

2-Butanone

Concen: 3.667 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.04 min

Lab File: VW005300.D

Acq: 12 Sep 2018 03:48

Instrument :

MSVOA_W

ClientSampleId :

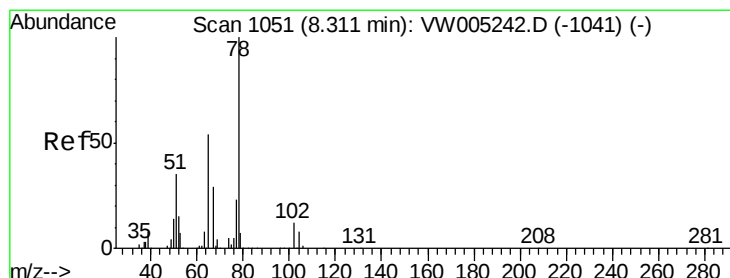
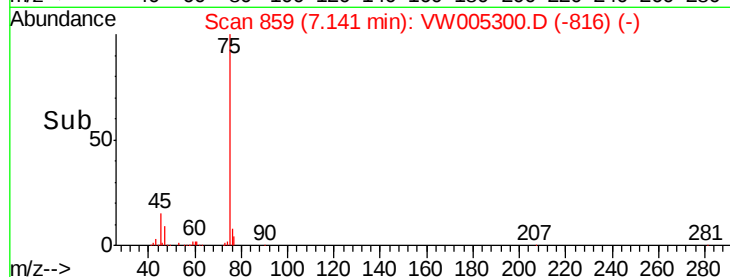
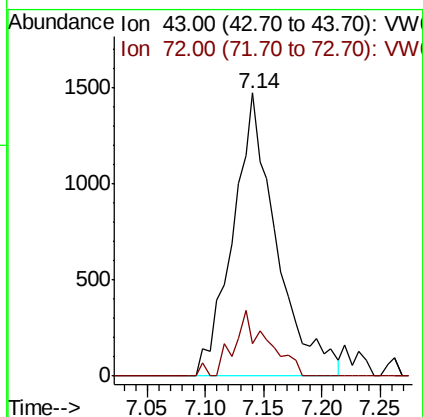
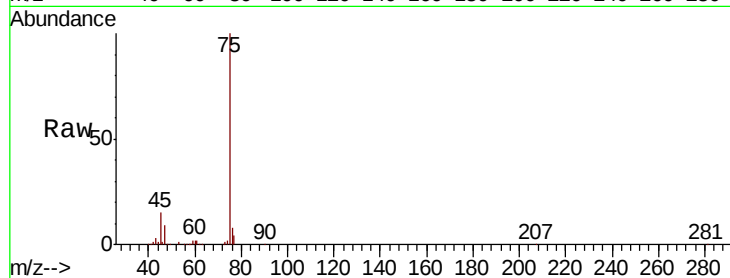
ENY-SB-02-61.0-61.5RE

Tgt Ion: 43 Resp: 3818

Ion Ratio Lower Upper

43 100

72 11.3 25.0 37.6#



#33

1,2-Dichloroethane-d4

Concen: 51.736 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005300.D

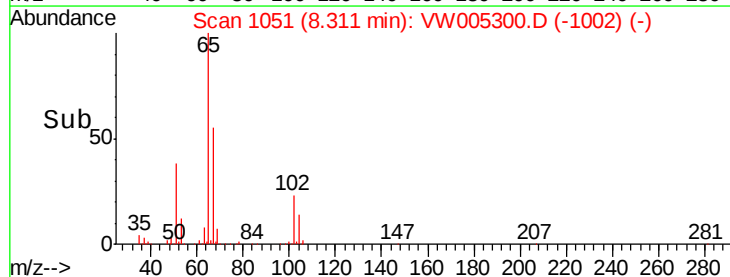
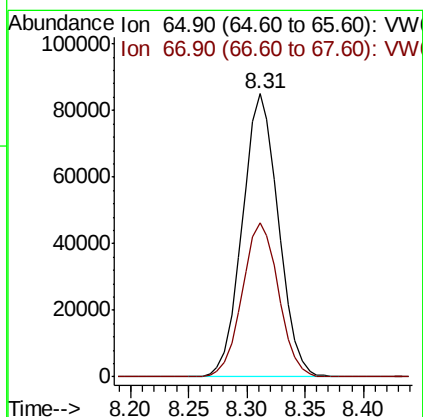
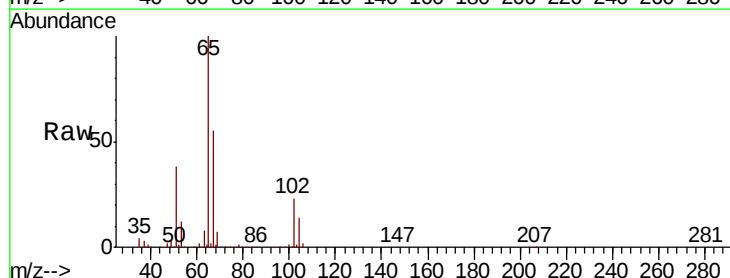
Acq: 12 Sep 2018 03:48

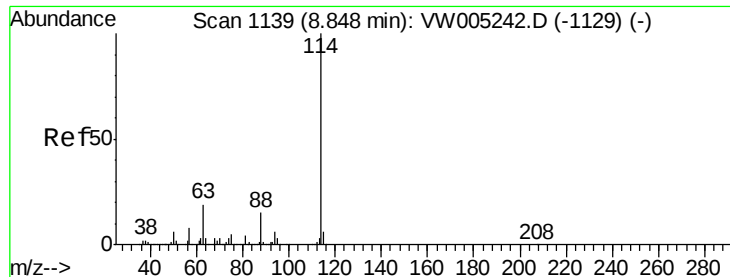
Tgt Ion: 65 Resp: 183957

Ion Ratio Lower Upper

65 100

67 54.9 0.0 112.2

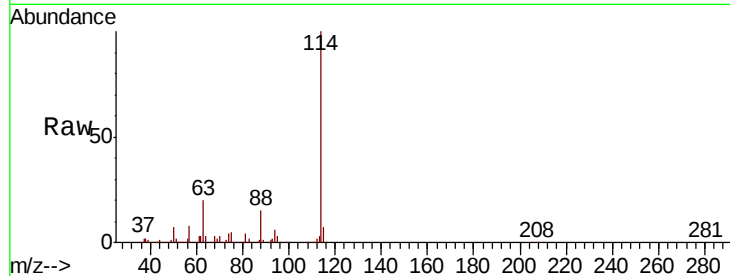




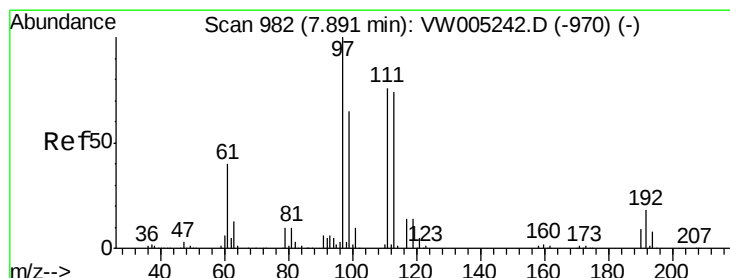
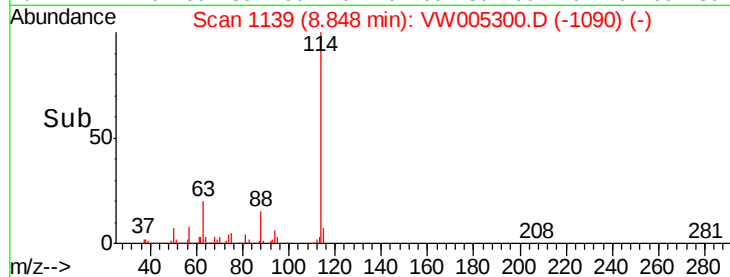
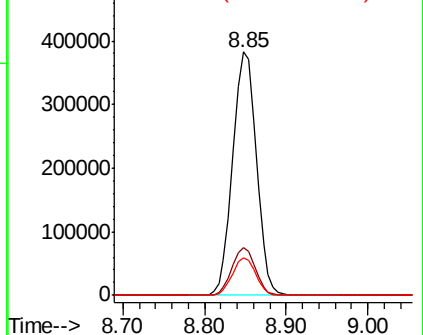
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005300.D
 Acq: 12 Sep 2018 03:48

Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-02-61.0-61.5RE

Tgt Ion:114 Resp: 766023
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 37.0
 88 15.3 0.0 30.4

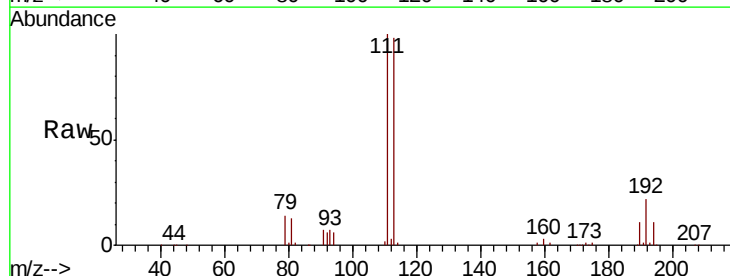


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

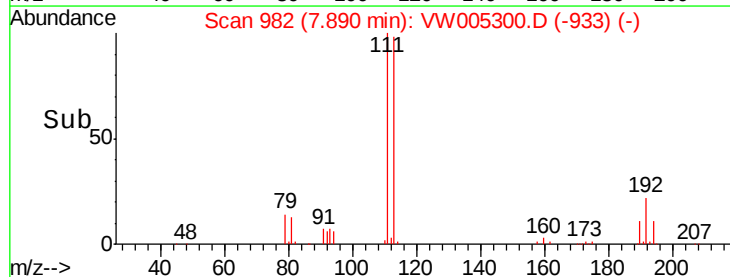
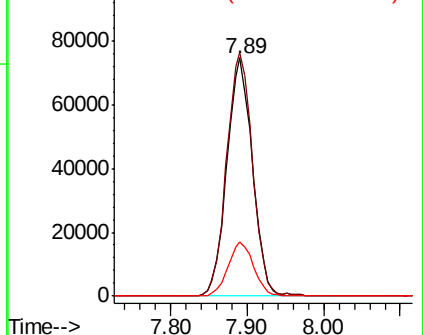


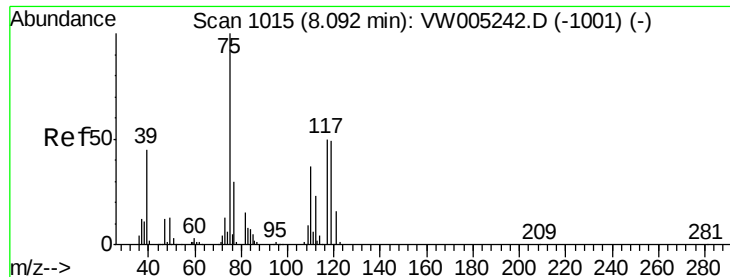
#35
 Dibromofluoromethane
 Concen: 43.036 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005300.D
 Acq: 12 Sep 2018 03:48

Tgt Ion:113 Resp: 172690
 Ion Ratio Lower Upper
 113 100
 111 103.2 80.6 121.0
 192 22.5 18.3 27.5



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

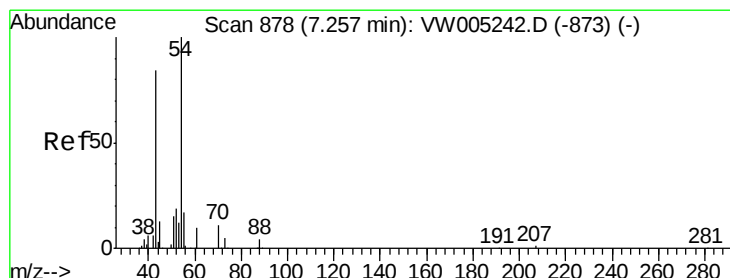
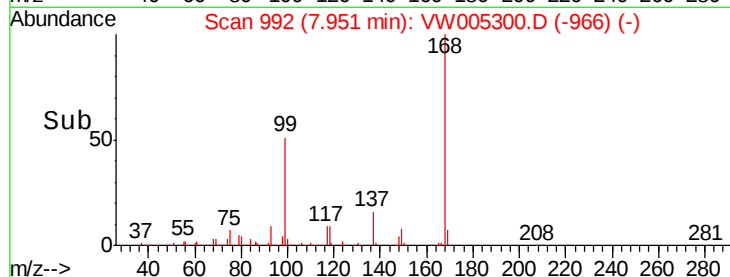
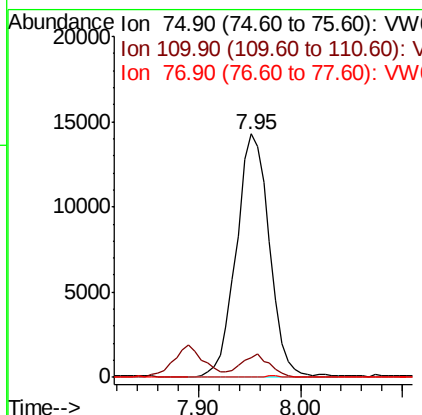
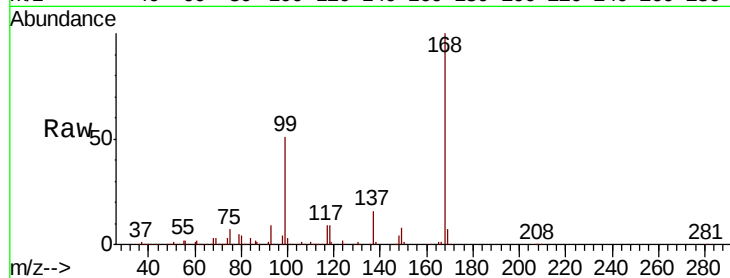




#36
 1,1-Dichloropropene
 Concen: 4.610 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.14 min
 Lab File: VW005300.D
 Acq: 12 Sep 2018 03:48

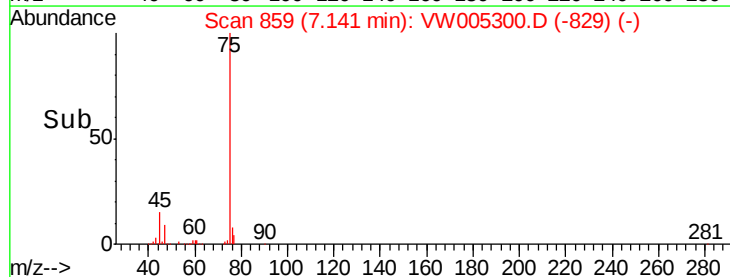
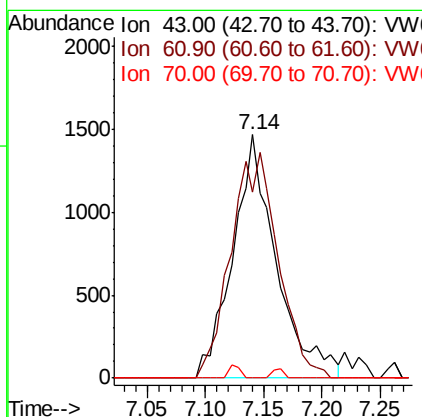
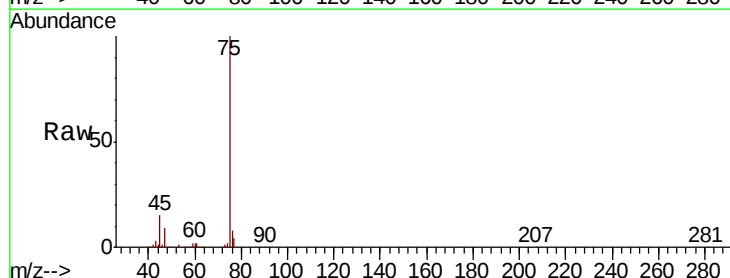
Instrument :
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 ENY-SB-02-61.0-61.5RE

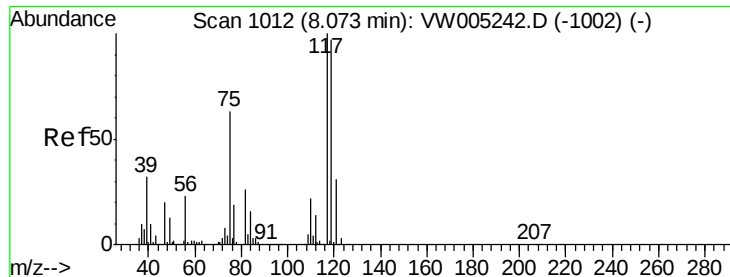
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.1	18.8	56.4#
77	0.0	24.9	37.3#



#37
 Ethyl Acetate
 Concen: 1.430 ug/l
 RT: 7.14 min Scan# 859
 Delta R.T. -0.12 min
 Lab File: VW005300.D
 Acq: 12 Sep 2018 03:48

Tgt Ion	Ratio	Lower	Upper
43	100		
61	100.8	12.3	18.5#
70	0.0	9.5	14.3#





#38

Carbon Tetrachloride

Concen: 6.458 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.12 min

Lab File: VW005300.D

Acq: 12 Sep 2018 03:48

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5RE

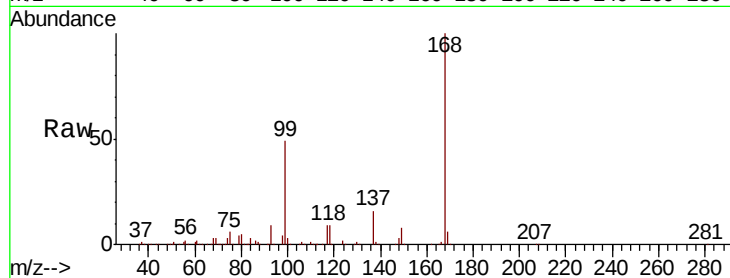
Tgt Ion:117 Resp: 42454

Ion Ratio Lower Upper

117 100

119 5.6 77.5 116.3#

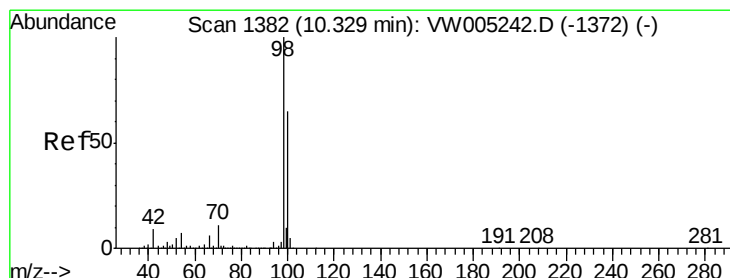
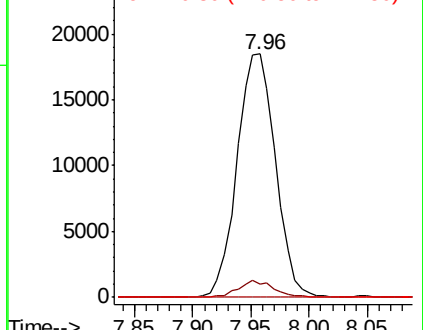
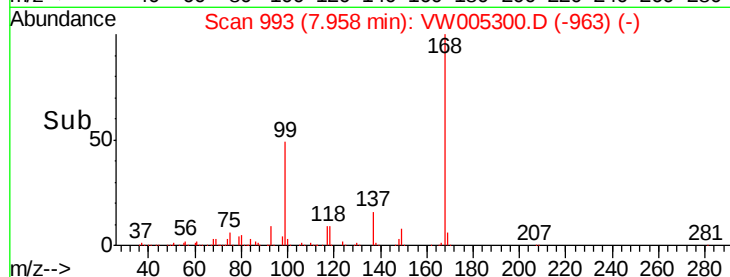
121 0.0 24.7 37.1#



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



#50

Toluene-d8

Concen: 29.970 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005300.D

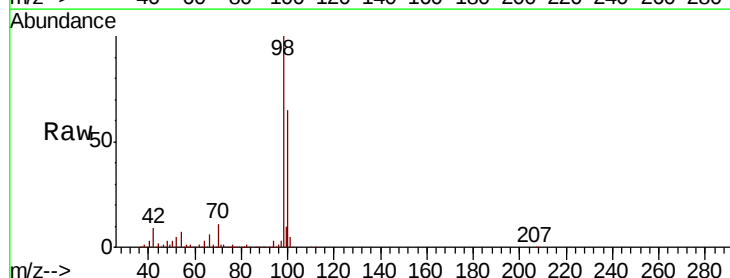
Acq: 12 Sep 2018 03:48

Tgt Ion: 98 Resp: 607690

Ion Ratio Lower Upper

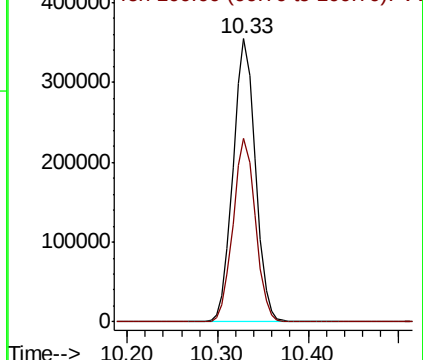
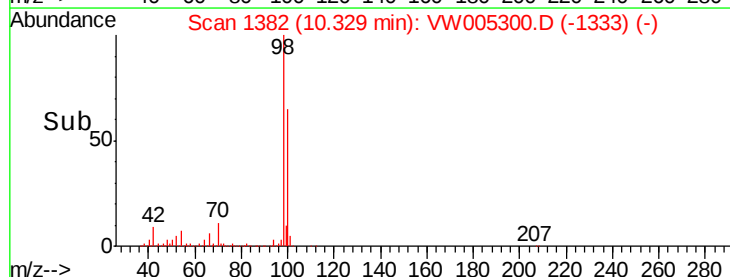
98 100

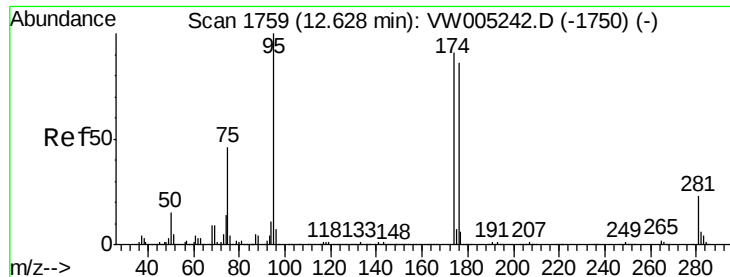
100 64.8 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

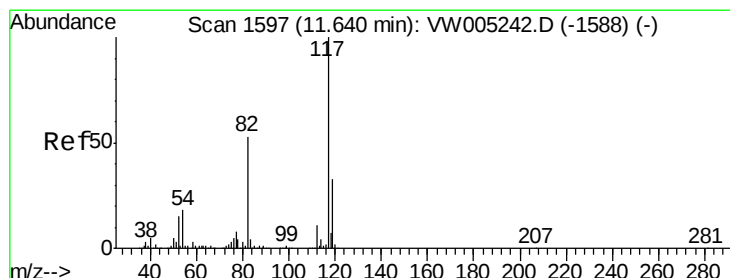
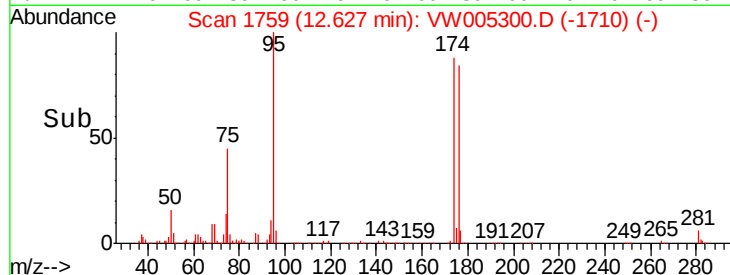
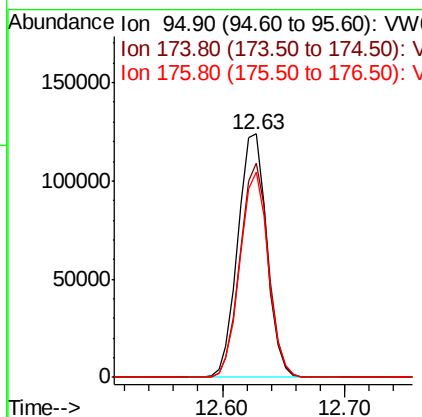
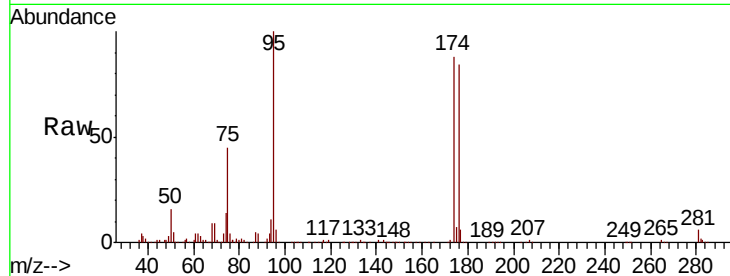




#62
4-Bromofluorobenzene
Concen: 27.378 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. -0.00 min
Lab File: VW005300.D
Acq: 12 Sep 2018 03:48

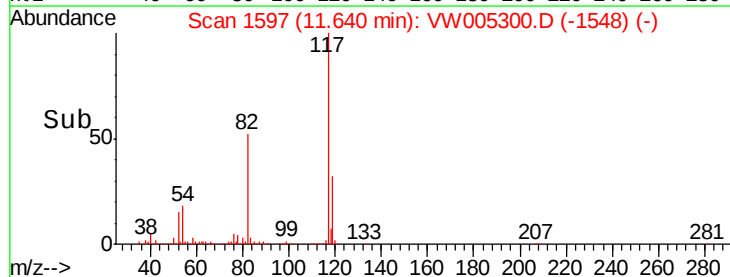
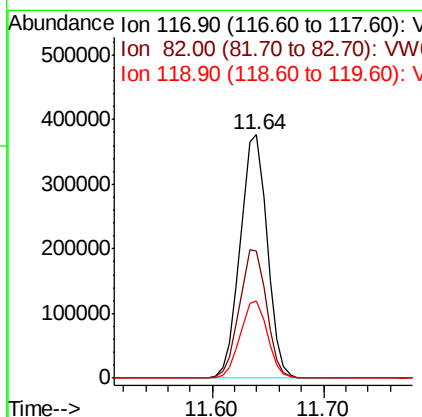
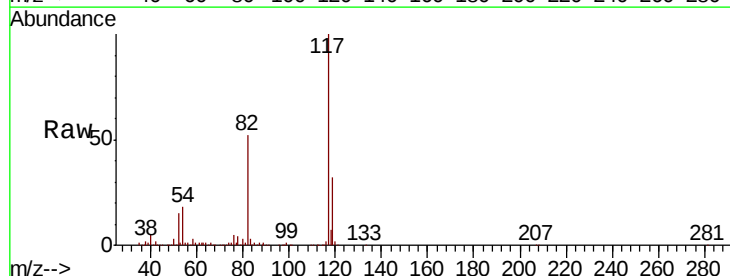
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5RE

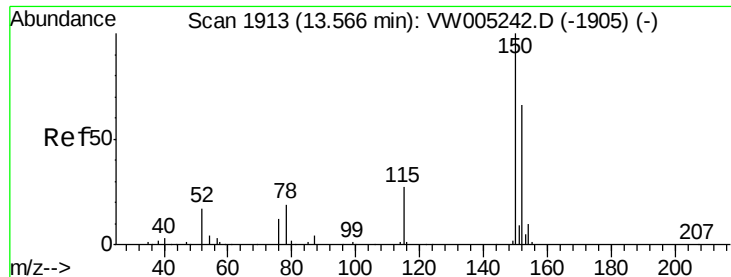
Tgt Ion	Ratio	Lower	Upper
95	100		
174	86.7	0.0	174.6
176	82.7	0.0	167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005300.D
Acq: 12 Sep 2018 03:48

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.2	42.6	63.8
119	31.8	26.2	39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005300.D

Acq: 12 Sep 2018 03:48

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5RE

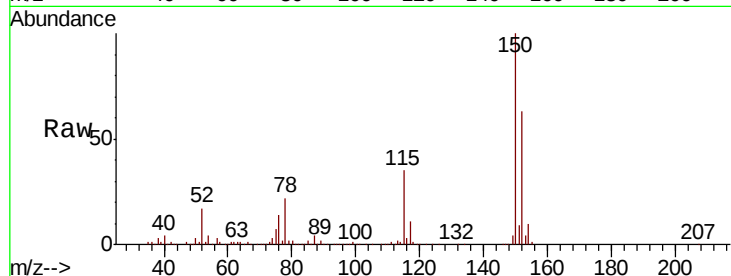
Tgt Ion: 152 Resp: 235626

Ion Ratio Lower Upper

152 100

115 56.0 27.5 82.4

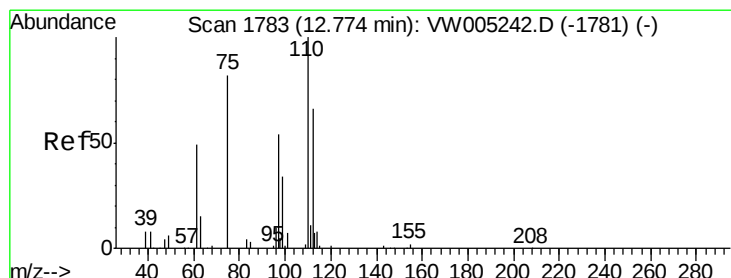
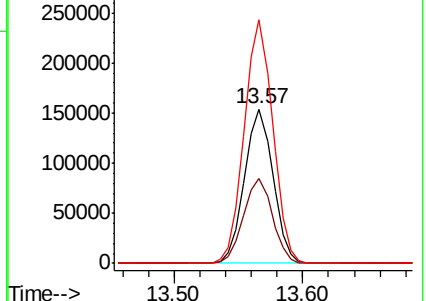
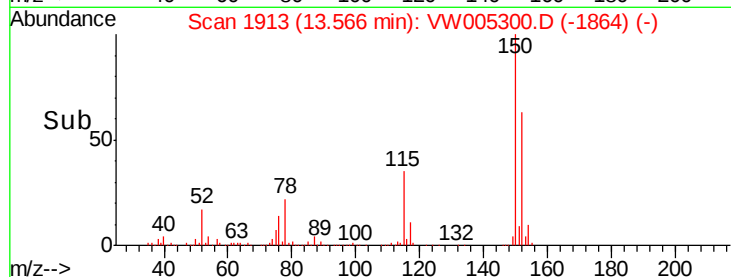
150 157.9 0.0 347.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 51.937 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005300.D

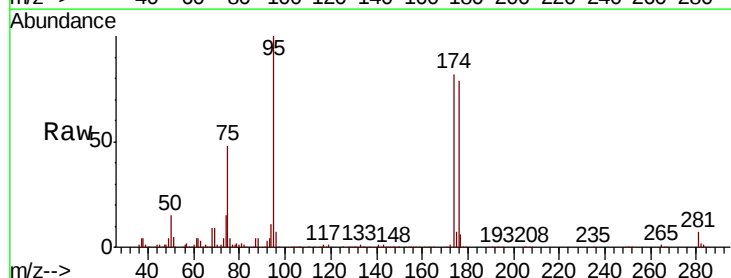
Acq: 12 Sep 2018 03:48

Tgt Ion: 75 Resp: 94126

Ion Ratio Lower Upper

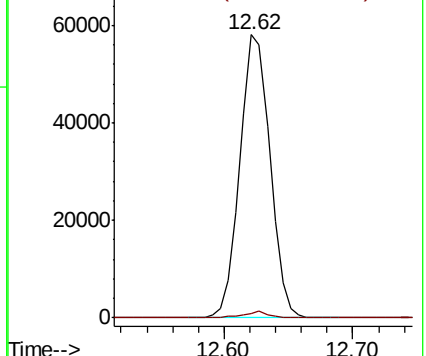
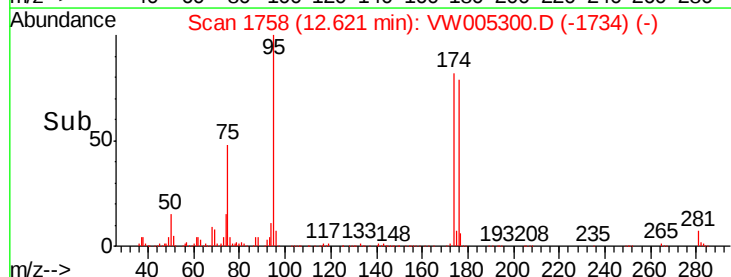
75 100

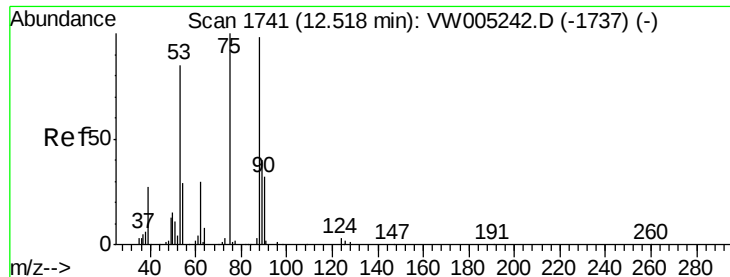
77 1.8 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 121.803 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005300.D

Acq: 12 Sep 2018 03:48

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5RE

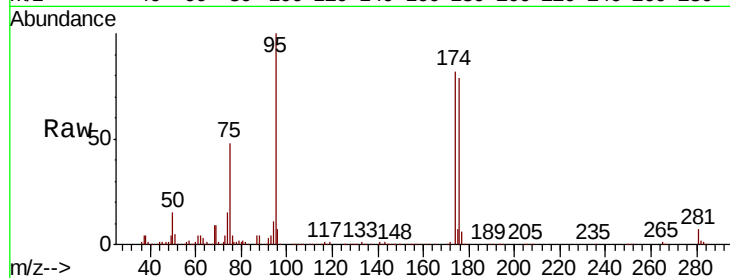
Tgt Ion: 75 Resp: 94126

Ion Ratio Lower Upper

75 100

53 0.1 67.0 100.6#

89 0.1 37.0 55.4#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

