

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091118\
 Data File : VW005299.D
 Acq On : 12 Sep 2018 03:23
 Operator : SY/AP
 Sample : J4777-03
 Misc : 6.14G/5ML/MSVOA_W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-05-090718-B

Quant Time: Sep 12 06:46:48 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	397570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	688797	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	574728	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	202496	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	175571	59.21	ug/l	0.00
Spiked Amount			Recovery	=	118.42%	
35) Dibromofluoromethane	7.89	113	164127	45.49	ug/l	0.00
Spiked Amount			Recovery	=	90.98%	
50) Toluene-d8	10.33	98	562004	30.82	ug/l	0.00
Spiked Amount			Recovery	=	61.64%	
62) 4-Bromofluorobenzene	12.63	95	177143	26.56	ug/l	0.00
Spiked Amount			Recovery	=	53.12%	

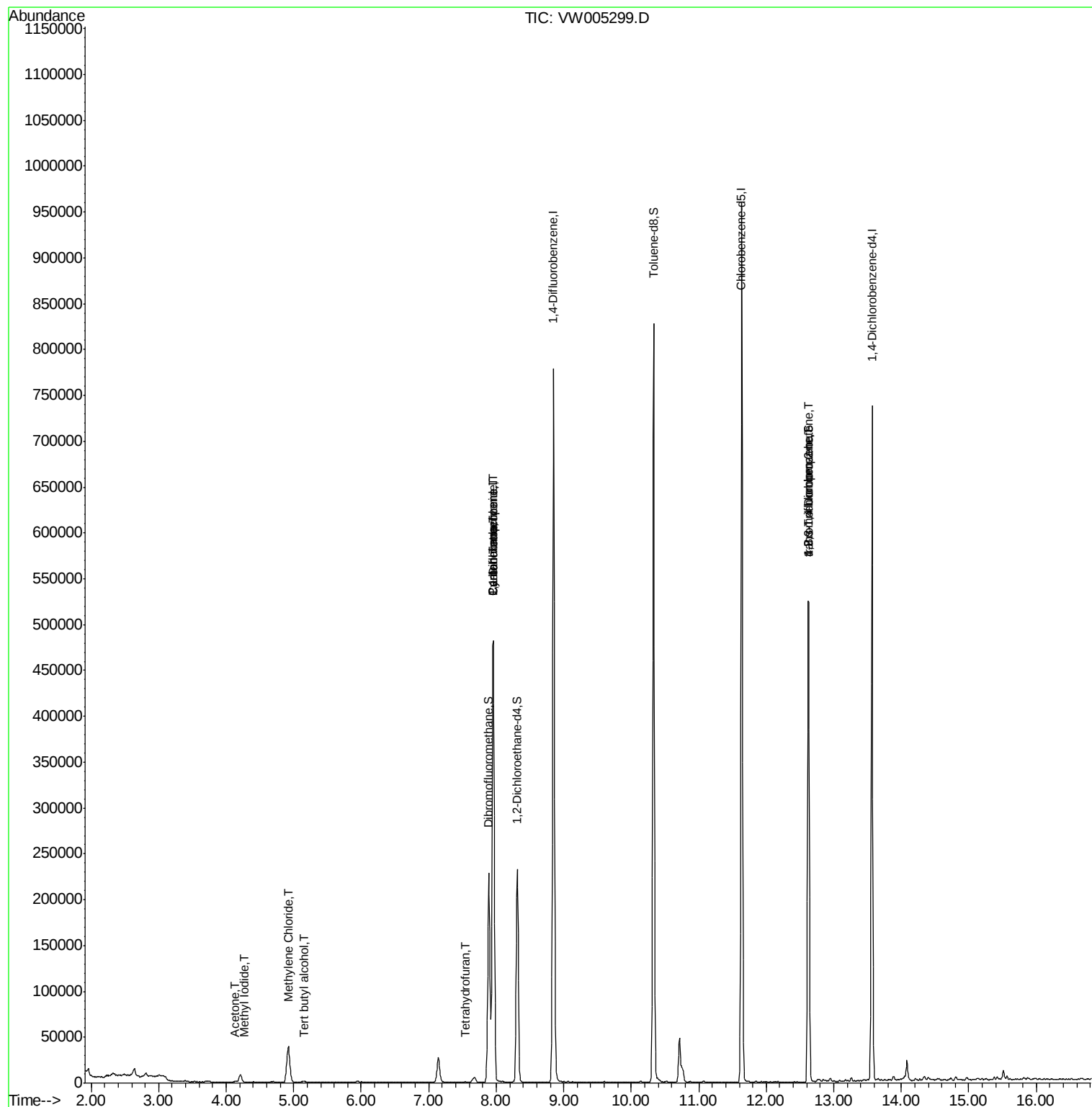
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.77	94	829	Below Cal	#	31
10) Methyl Iodide	4.27	142	422	3.420	ug/l #	57
11) Tert butyl alcohol	5.16	59	557	2.290	ug/l #	73
16) Acetone	4.13	43	1799	3.268	ug/l #	75
20) Methylene Chloride	4.92	84	33147	5.149	ug/l	98
29) Tetrahydrofuran	7.54	42	723	1.236	ug/l #	60
31) Cyclohexane	7.95	56	6659	1.049	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	26310	4.169	ug/l #	48
38) Carbon Tetrachloride	7.96	117	35187	5.952	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	81754	52.491	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	81754	123.102	ug/l #	16

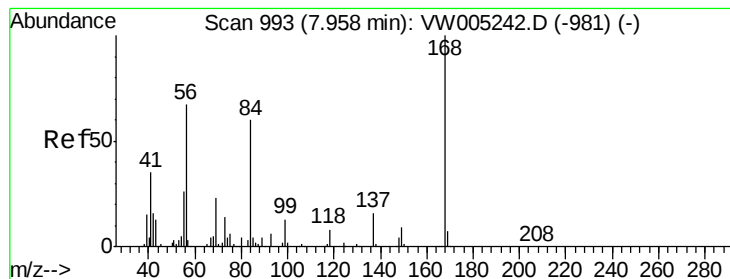
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW091118\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 03:48:23 2018
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: VW005299.D

Acq: 12 Sep 2018 03:23

Instrument :

MSVOA_W

ClientSampleId :

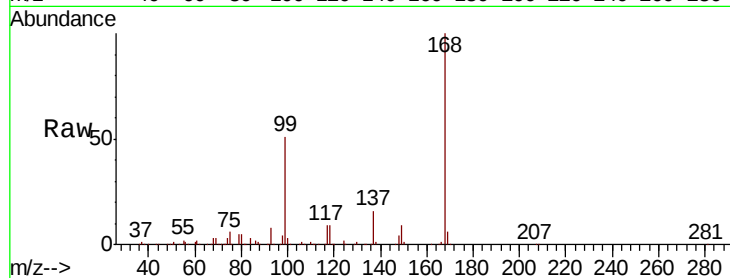
PL-05-090718-B

Tgt Ion:168 Resp: 397570

Ion Ratio Lower Upper

168 100

99 50.7 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

150000

100000

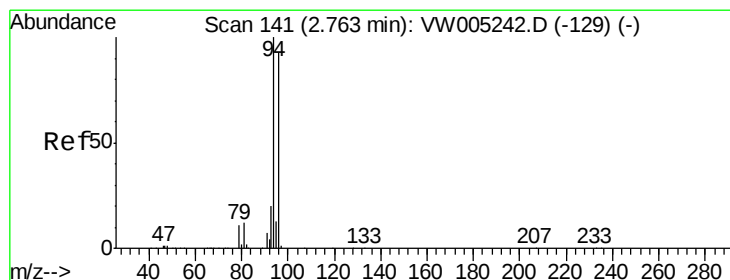
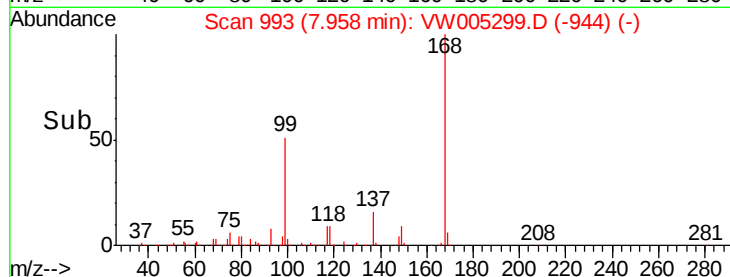
50000

0

7.90

8.00

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.77 min Scan# 142

Delta R.T. 0.01 min

Lab File: VW005299.D

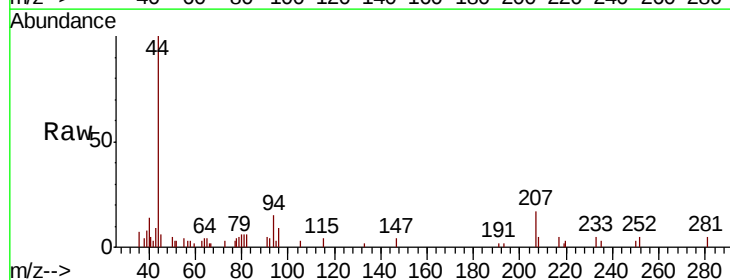
Acq: 12 Sep 2018 03:23

Tgt Ion: 94 Resp: 829

Ion Ratio Lower Upper

94 100

96 26.2 74.1 111.1#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.77

400

300

200

100

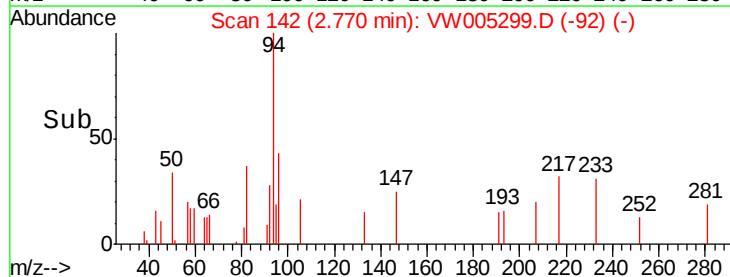
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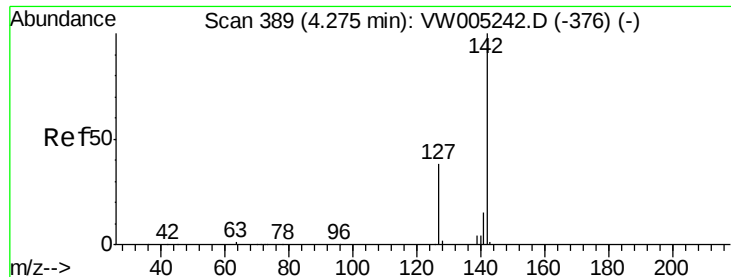
2.70

2.75

2.80

Time-->

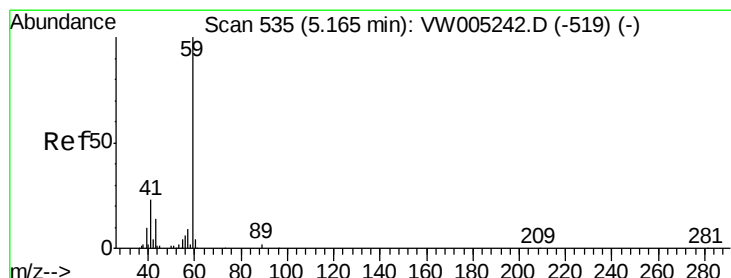
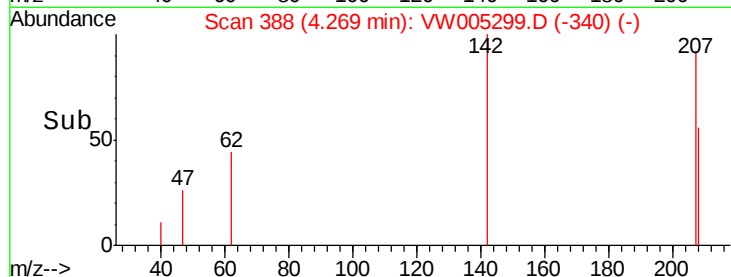
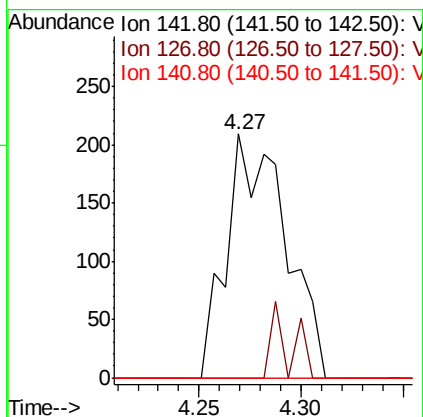
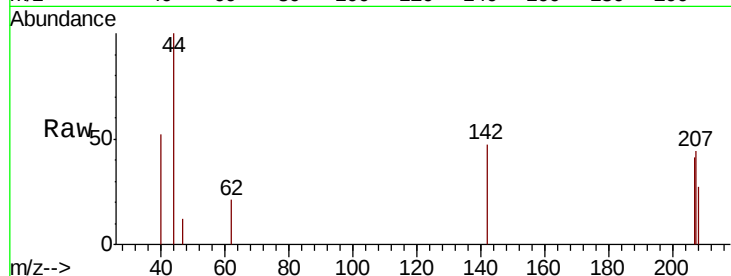




#10
Methyl Iodide
Concen: 3.420 ug/l
RT: 4.27 min Scan# 388
Delta R.T. -0.01 min
Lab File: VW005299.D
Acq: 12 Sep 2018 03:23

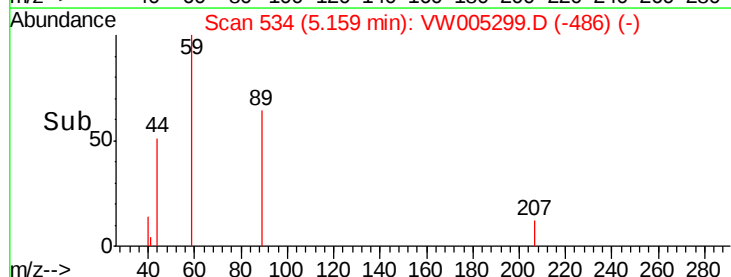
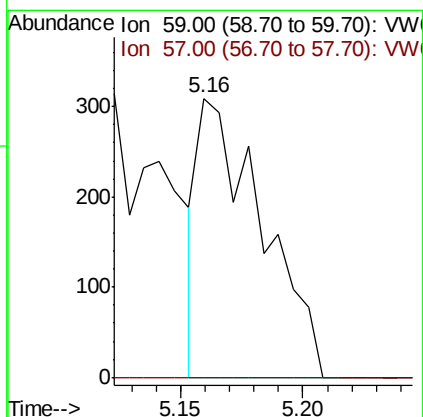
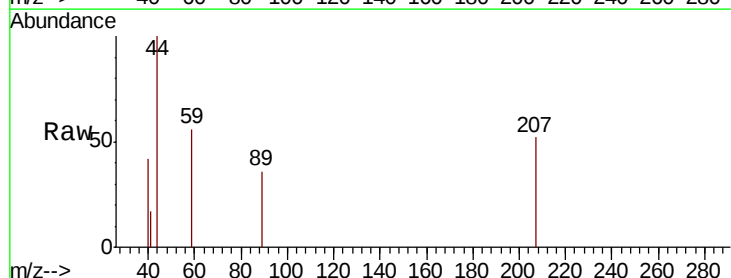
Instrument :
MSVOA_W
ClientSampleId :
PL-05-090718-B

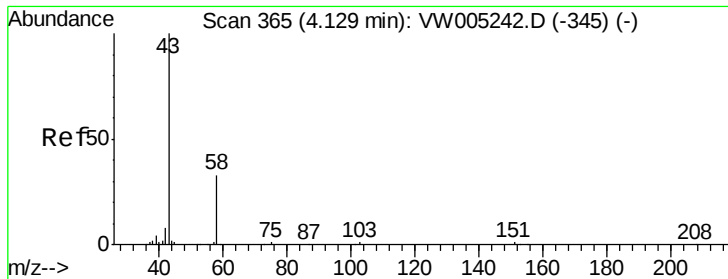
Tgt Ion: 142 Resp: 422
Ion Ratio Lower Upper
142 100
127 10.0 30.3 45.5#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 2.290 ug/l
RT: 5.16 min Scan# 534
Delta R.T. -0.01 min
Lab File: VW005299.D
Acq: 12 Sep 2018 03:23

Tgt Ion: 59 Resp: 557
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

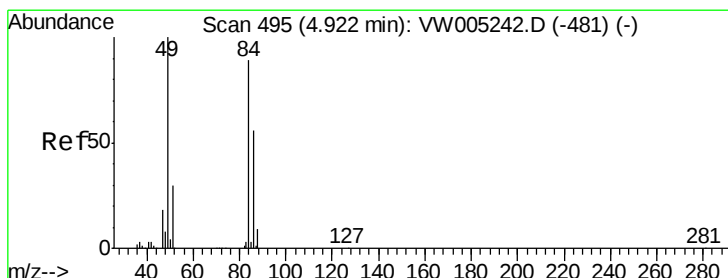
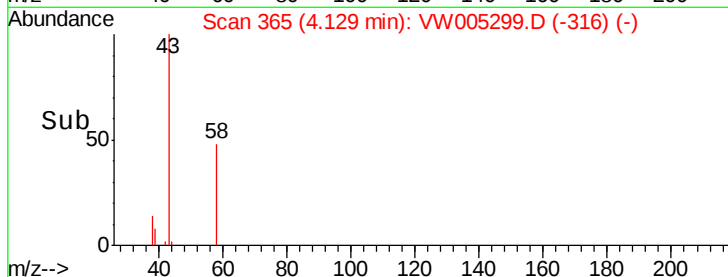
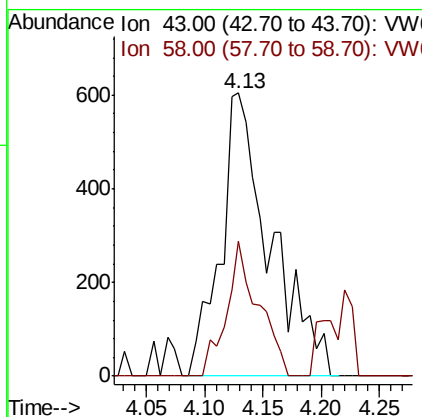
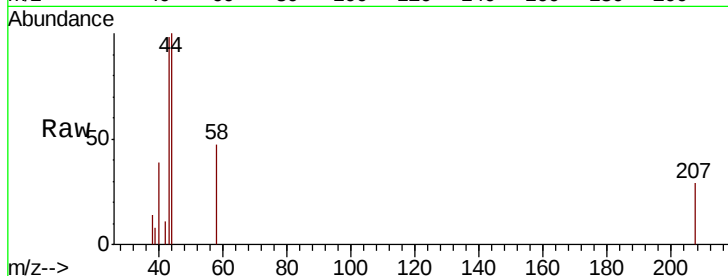




#16
Acetone
Concen: 3.268 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.00 min
Lab File: VW005299.D
Acq: 12 Sep 2018 03:23

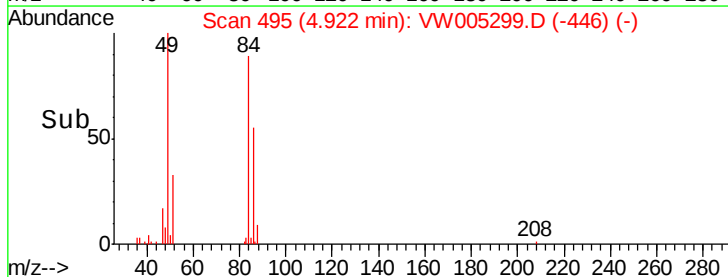
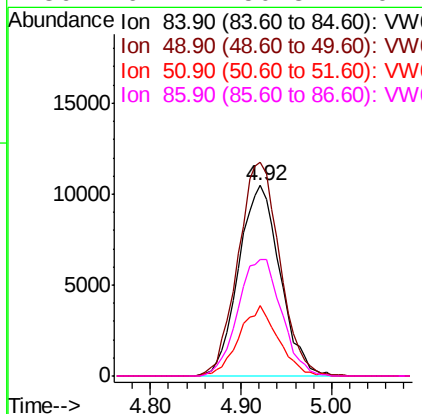
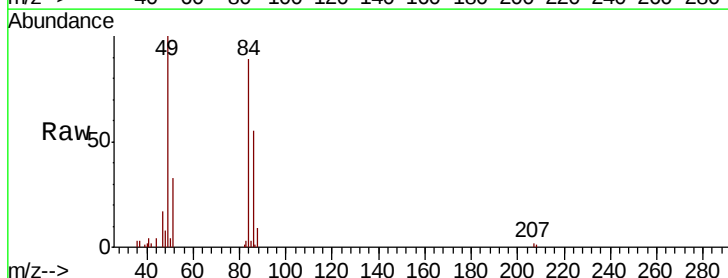
Instrument :
MSVOA_W
ClientSampleId :
PL-05-090718-B

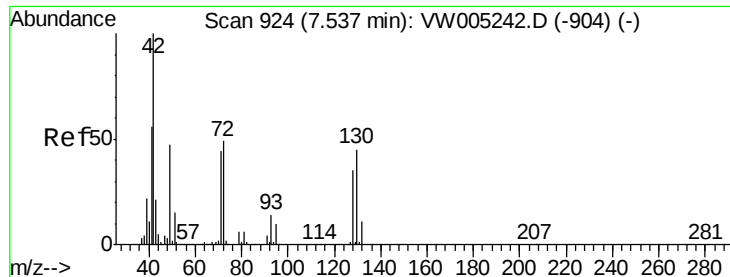
Tgt Ion: 43 Resp: 1799
Ion Ratio Lower Upper
43 100
58 47.5 26.7 40.1#



#20
Methylene Chloride
Concen: 5.149 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW005299.D
Acq: 12 Sep 2018 03:23

Tgt Ion: 84 Resp: 33147
Ion Ratio Lower Upper
84 100
49 112.3 90.3 135.5
51 37.0 26.9 40.3
86 61.4 50.8 76.2

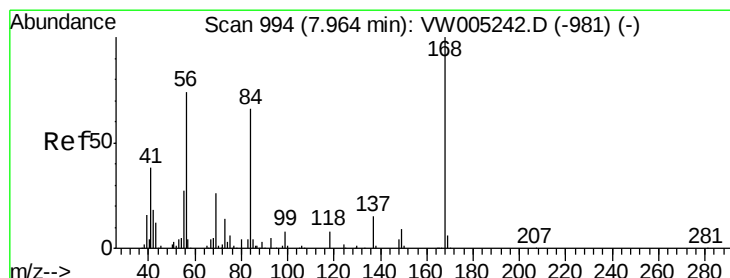
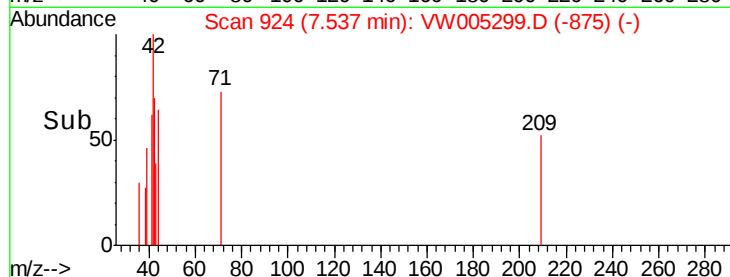
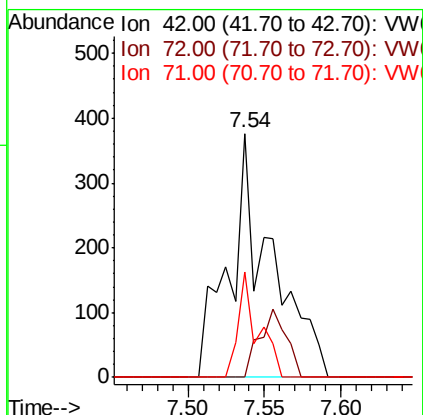
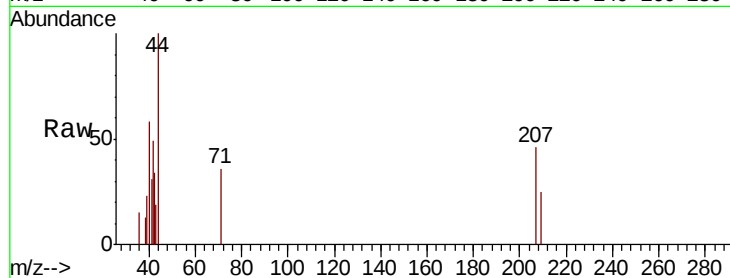




#29
Tetrahydrofuran
Concen: 1.236 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW005299.D
Acq: 12 Sep 2018 03:23

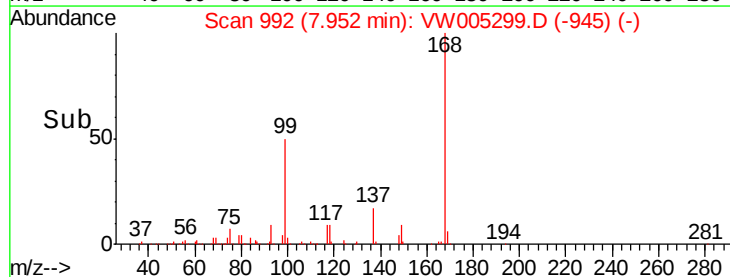
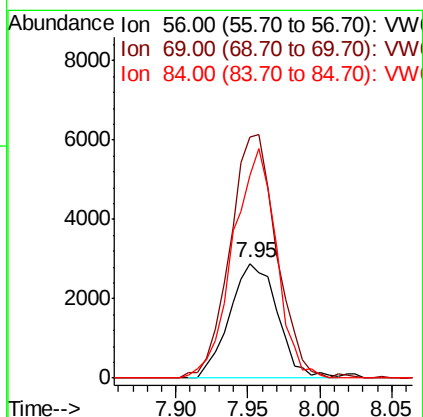
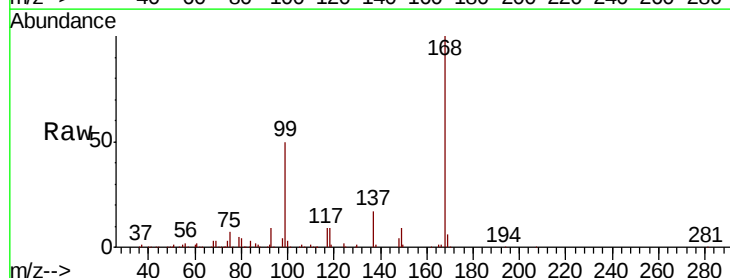
Instrument :
MSVOA_W
ClientSampled :
PL-05-090718-B

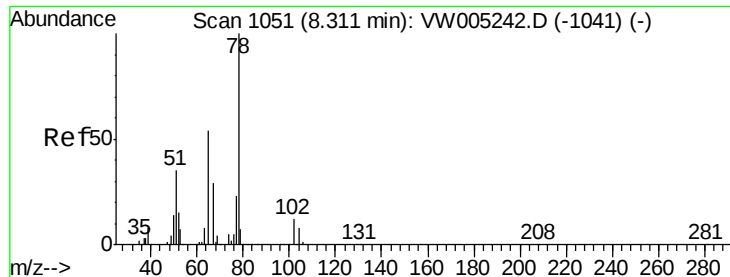
Tgt Ion: 42 Resp: 723
Ion Ratio Lower Upper
42 100
72 17.8 37.5 56.3#
71 20.1 34.8 52.2#



#31
Cyclohexane
Concen: 1.049 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005299.D
Acq: 12 Sep 2018 03:23

Tgt Ion: 56 Resp: 6659
Ion Ratio Lower Upper
56 100
69 207.4 27.8 41.8#
84 176.7 72.1 108.1#

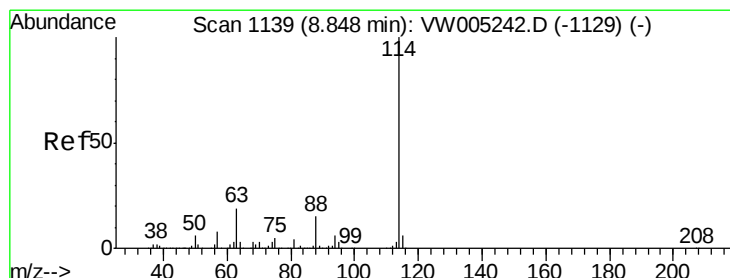
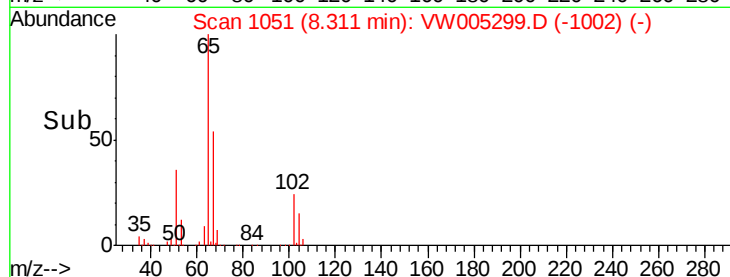
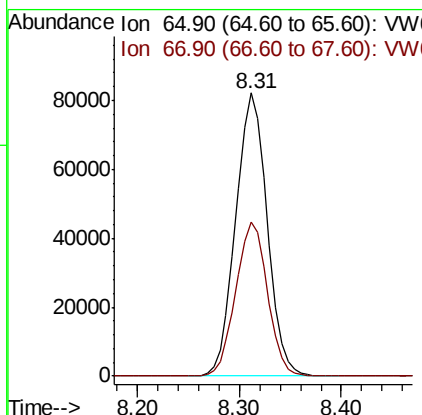
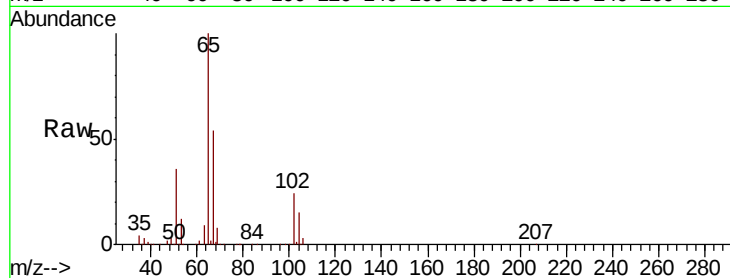




#33
 1,2-Dichloroethane-d4
 Concen: 59.208 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW005299.D
 Acq: 12 Sep 2018 03:23

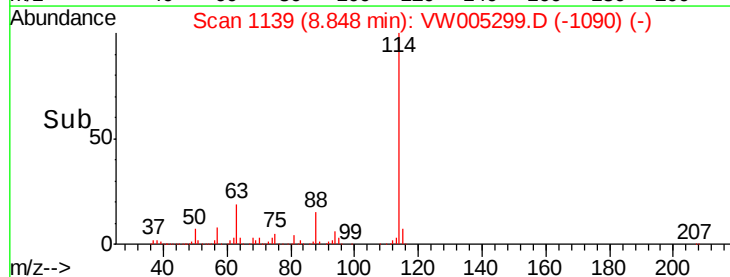
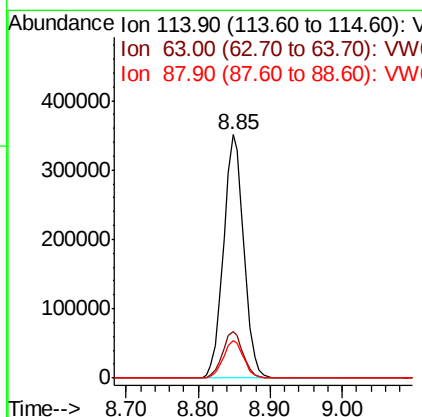
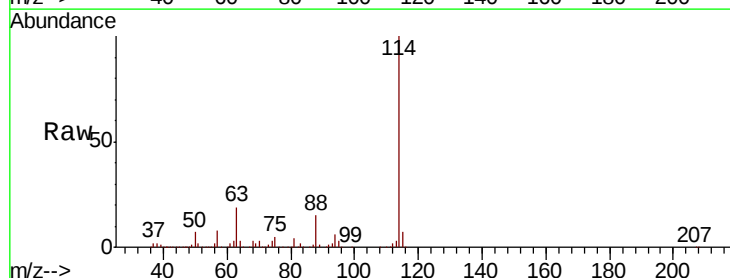
Instrument :
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 ClientSampleId :
 PL-05-090718-B

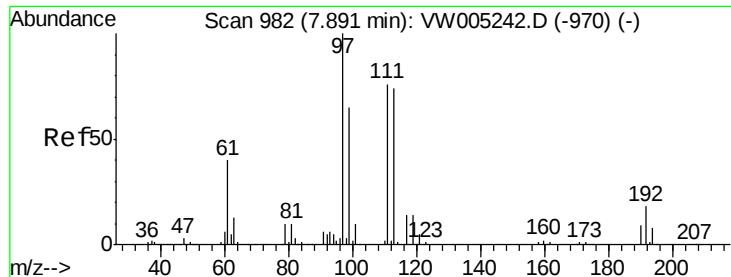
Tgt Ion: 65 Resp: 175571
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 112.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005299.D
 Acq: 12 Sep 2018 03:23

Tgt Ion: 114 Resp: 688797
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 37.0
 88 15.4 0.0 30.4

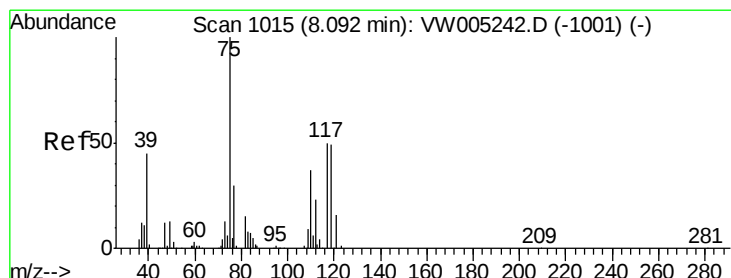
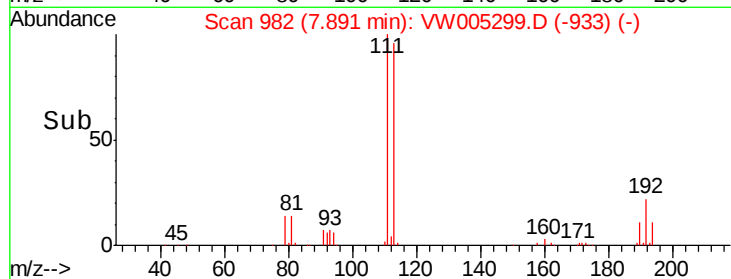
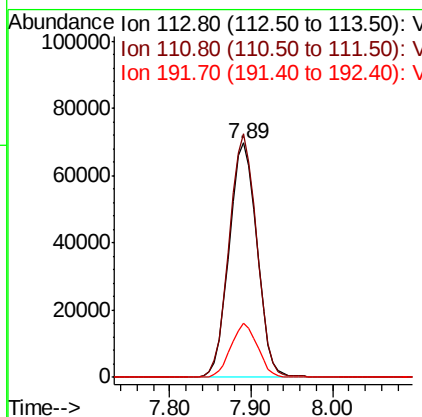
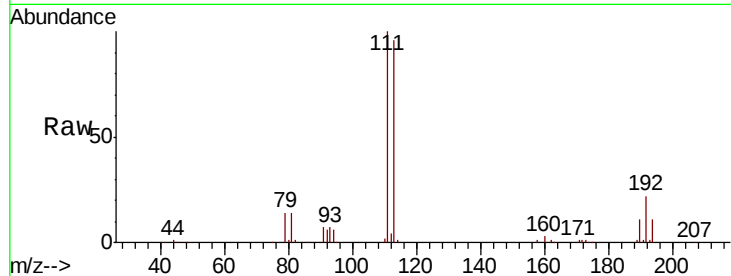




#35
 Dibromofluoromethane
 Concen: 45.488 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW005299.D
 Acq: 12 Sep 2018 03:23

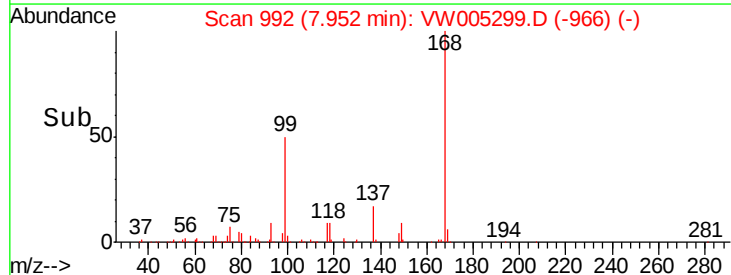
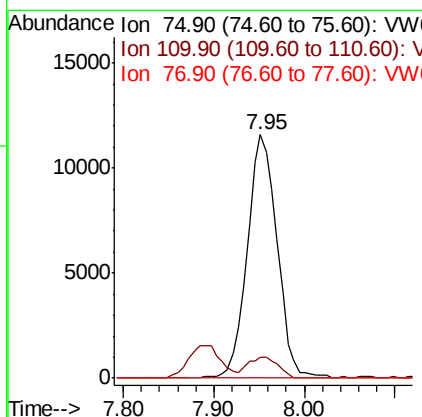
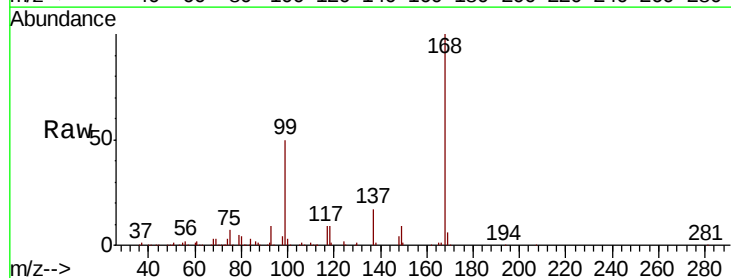
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 PL-05-090718-B

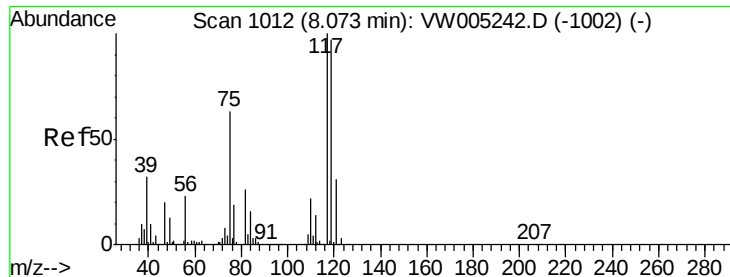
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	80.6	121.0
192	22.1	18.3	27.5



#36
 1,1-Dichloropropene
 Concen: 4.169 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.14 min
 Lab File: VW005299.D
 Acq: 12 Sep 2018 03:23

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.8	56.4#
77	0.0	24.9	37.3#





#38

Carbon Tetrachloride

Concen: 5.952 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.12 min

Lab File: VW005299.D

Acq: 12 Sep 2018 03:23

Instrument :

MSVOA_W

ClientSampleId :

PL-05-090718-B

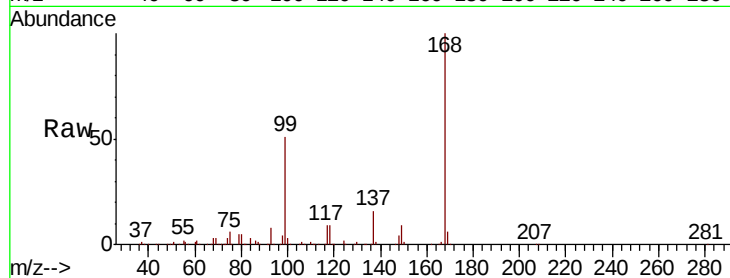
Tgt Ion:117 Resp: 35187

Ion Ratio Lower Upper

117 100

119 4.9 77.5 116.3#

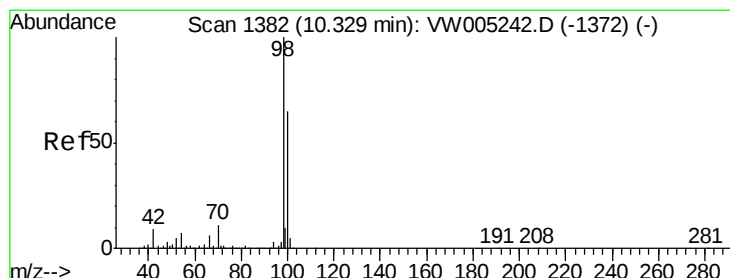
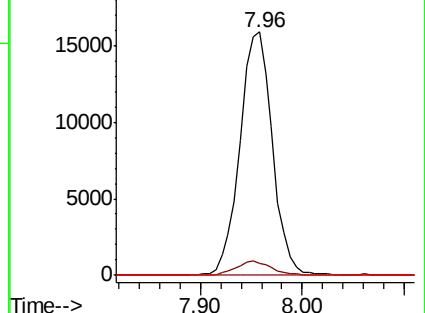
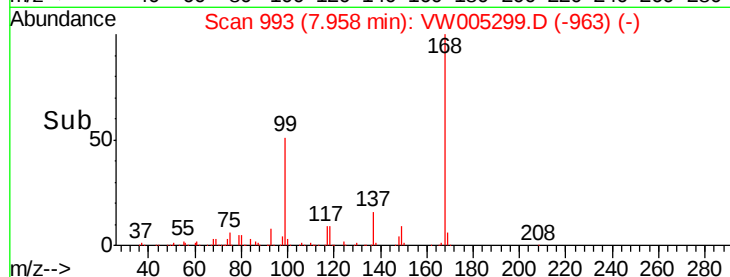
121 0.0 24.7 37.1#



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: 30.824 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005299.D

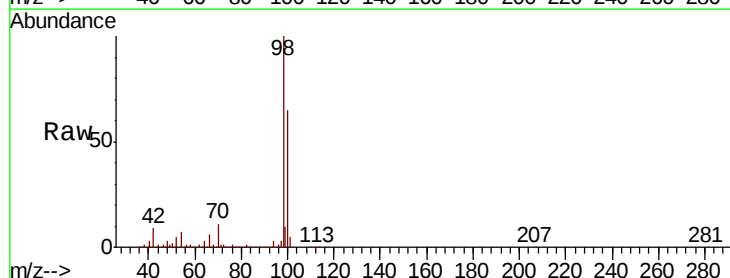
Acq: 12 Sep 2018 03:23

Tgt Ion: 98 Resp: 562004

Ion Ratio Lower Upper

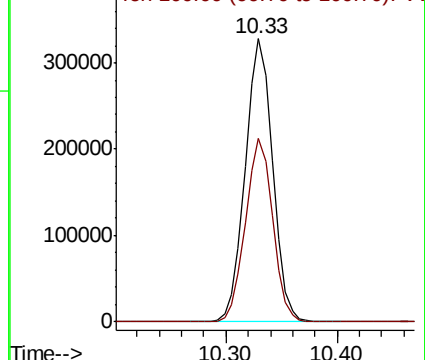
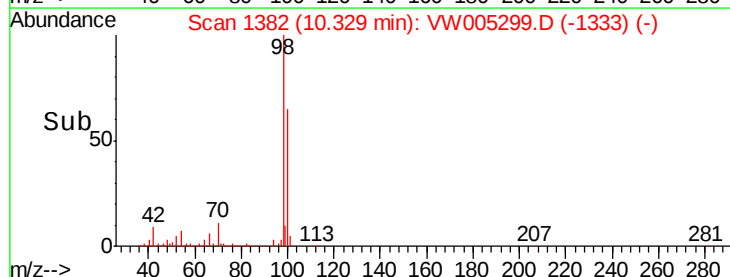
98 100

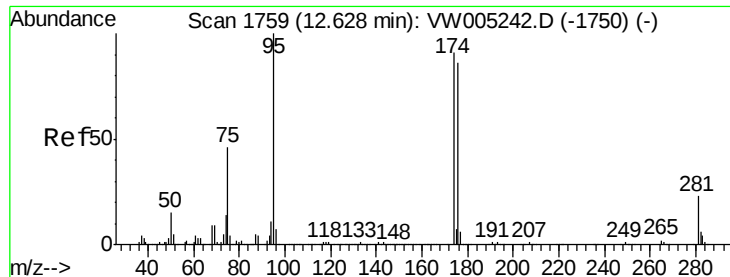
100 64.4 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

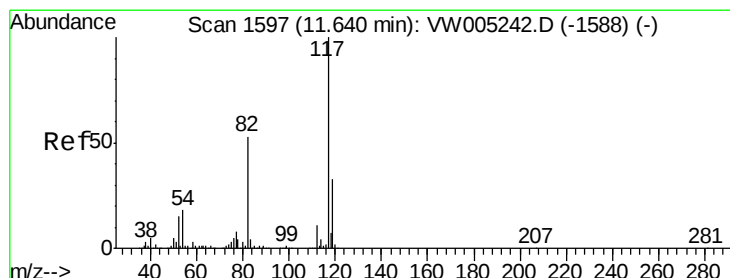
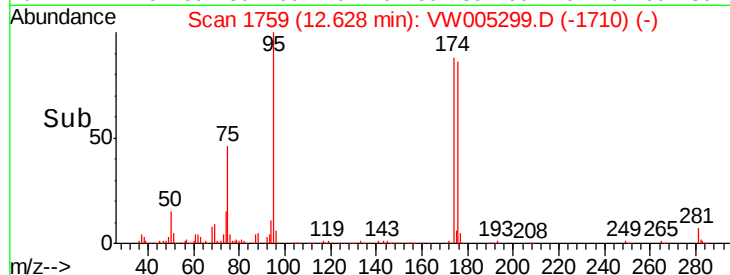
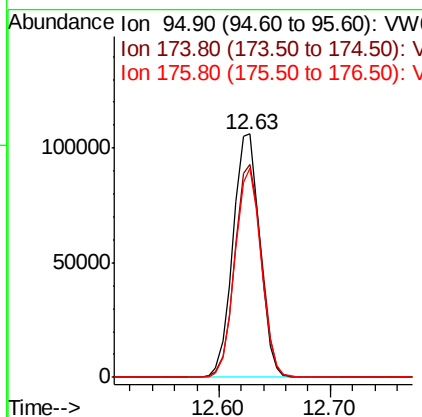
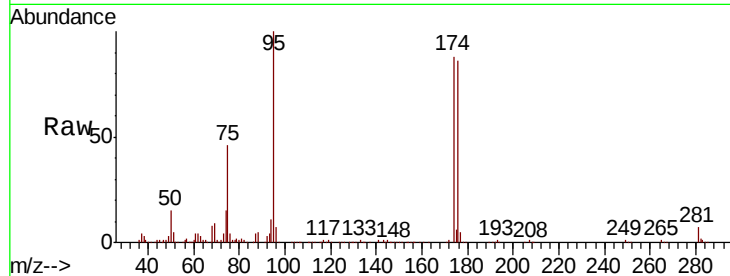




#62
4-Bromofluorobenzene
Concen: 26.562 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. 0.00 min
Lab File: VW005299.D
Acq: 12 Sep 2018 03:23

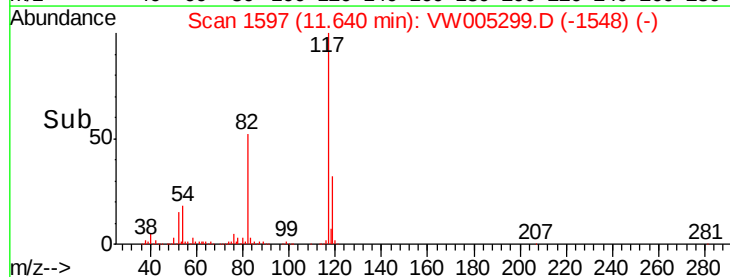
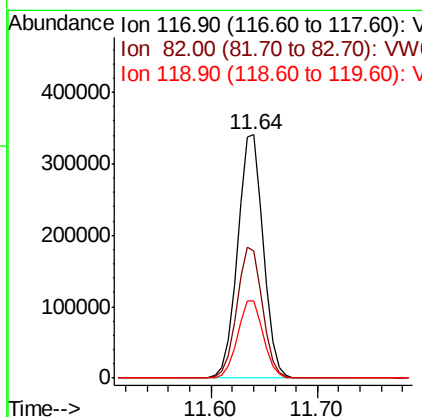
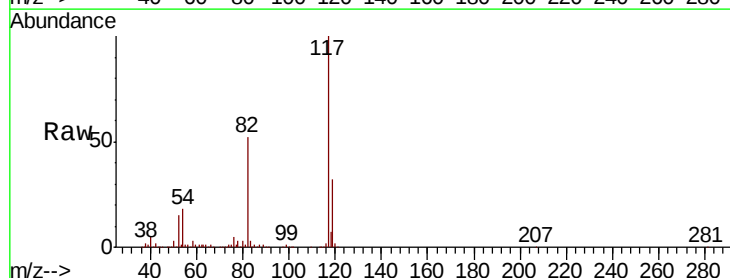
Instrument :
MSVOA_W
ClientSampleId :
PL-05-090718-B

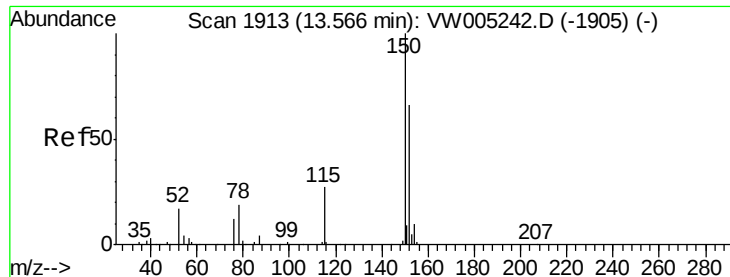
Tgt Ion: 95 Resp: 177143
Ion Ratio Lower Upper
95 100
174 87.2 0.0 174.6
176 84.1 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VW005299.D
Acq: 12 Sep 2018 03:23

Tgt Ion: 117 Resp: 574728
Ion Ratio Lower Upper
117 100
82 52.4 42.6 63.8
119 31.7 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: VW005299.D

Acq: 12 Sep 2018 03:23

Instrument :

MSVOA_W

ClientSampleId :

PL-05-090718-B

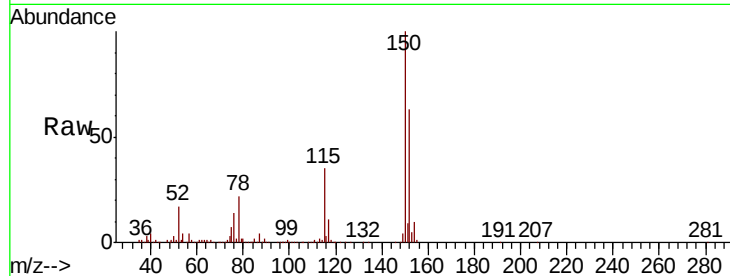
Tgt Ion:152 Resp: 202496

Ion Ratio Lower Upper

152 100

115 55.9 27.5 82.4

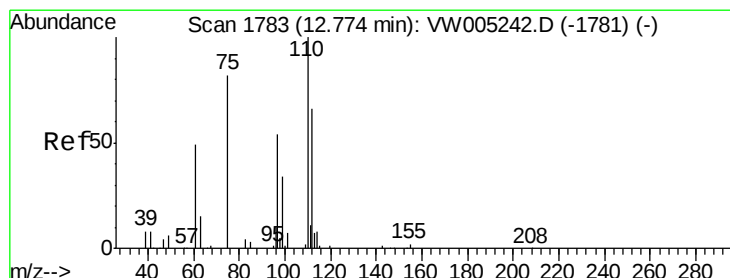
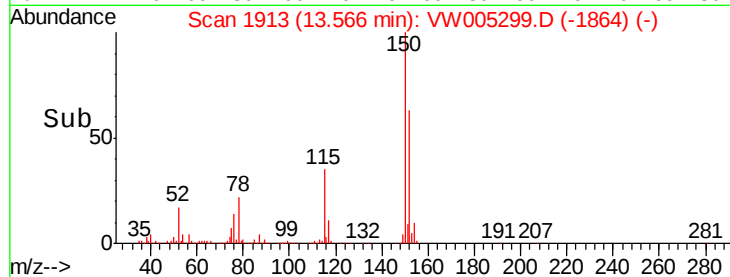
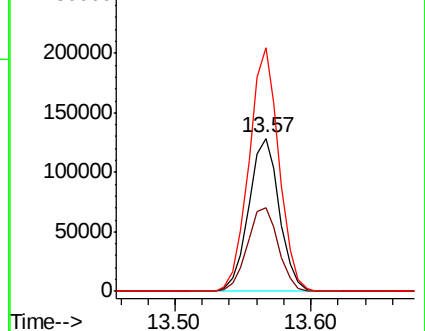
150 155.6 0.0 347.4



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: 52.491 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005299.D

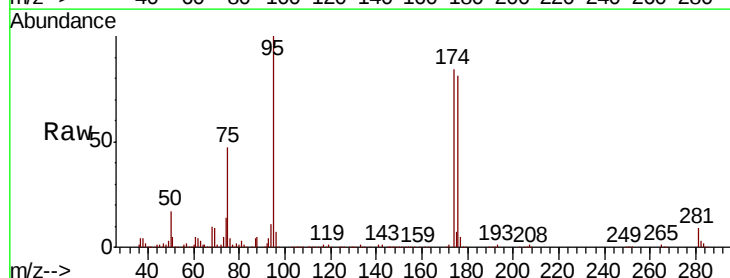
Acq: 12 Sep 2018 03:23

Tgt Ion: 75 Resp: 81754

Ion Ratio Lower Upper

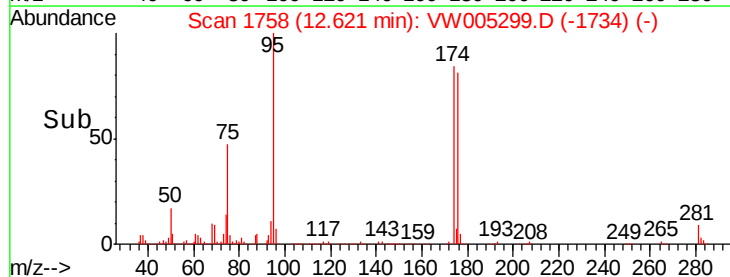
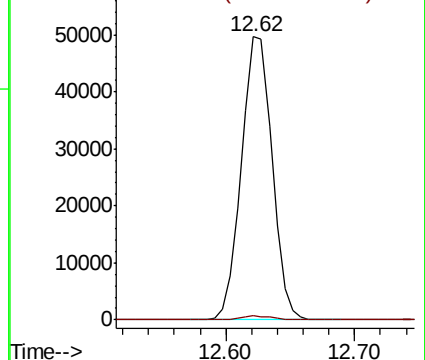
75 100

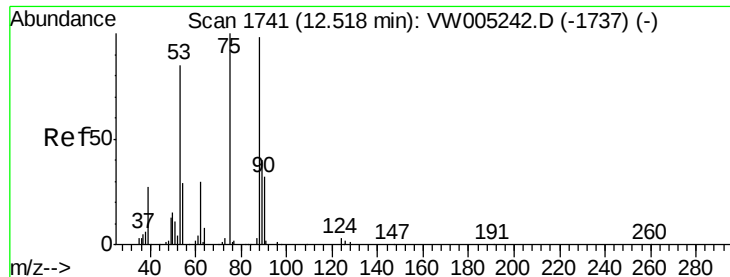
77 1.6 0.0 0.0#



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: 123.102 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005299.D

Acq: 12 Sep 2018 03:23

Instrument :

MSVOA_W

ClientSampleId :

PL-05-090718-B

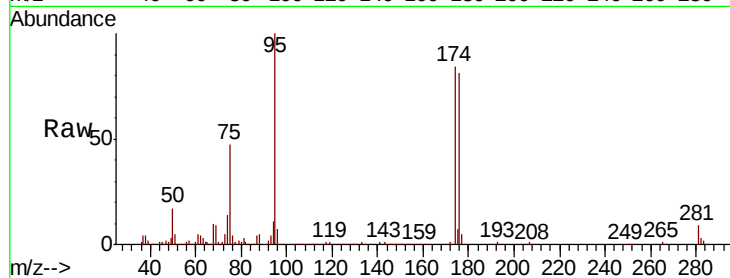
Tgt Ion: 75 Resp: 81754

Ion Ratio Lower Upper

75 100

53 0.2 67.0 100.6#

89 0.0 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

