

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102518\
 Data File : VW006344.D
 Acq On : 25 Oct 2018 04:29
 Operator : SY/AP
 Sample : J5198-27RE
 Misc : 6.52G/5ML/MSVOA W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-01-102318-DRE

Quant Time: Oct 25 06:12:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

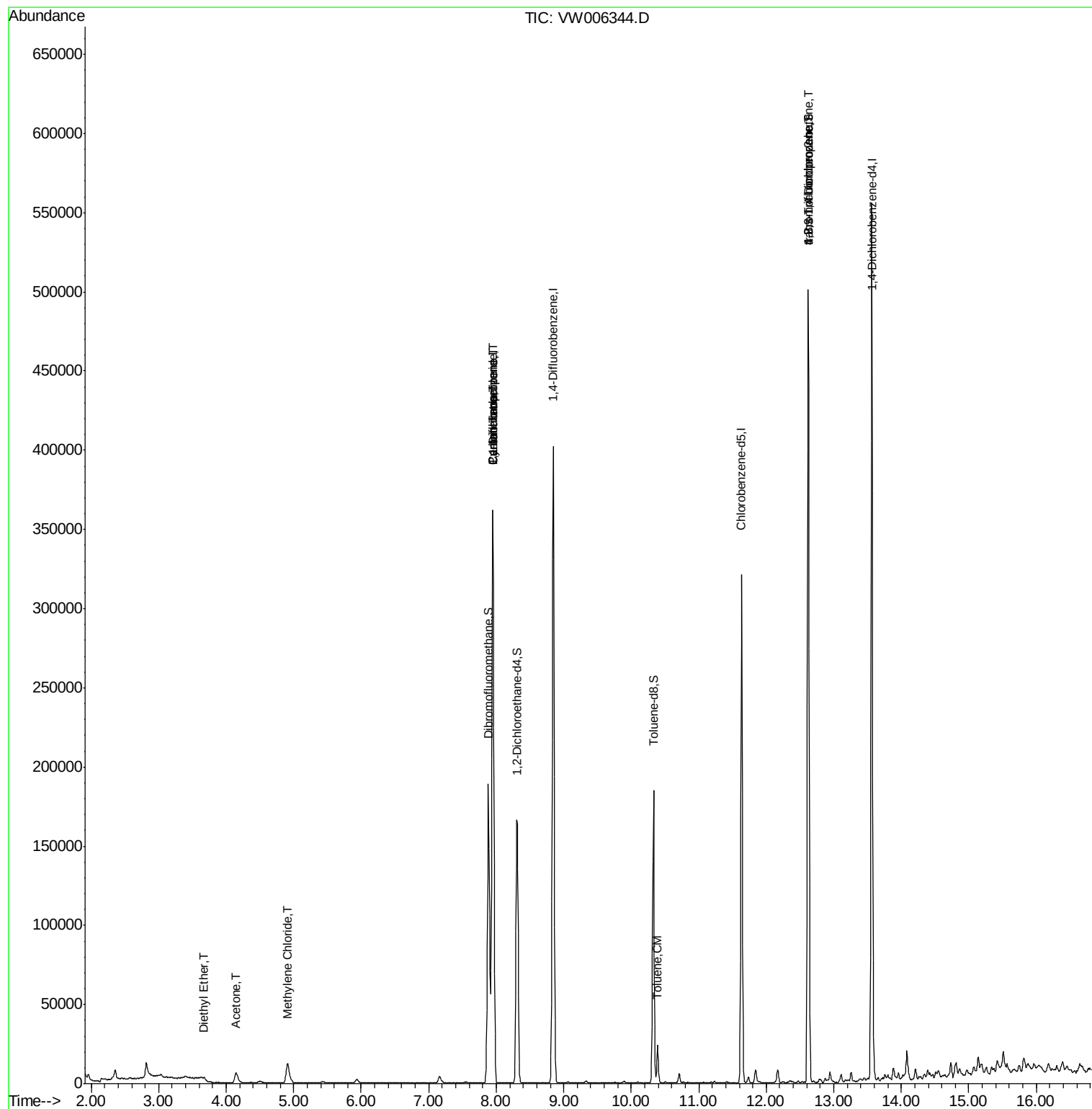
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	302356	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	363193	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	187130	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	156041	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	133112	53.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.20%	
35) Dibromofluoromethane	7.88	113	132022	61.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.04%	
50) Toluene-d8	10.33	98	129206	15.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	31.64%	
62) 4-Bromofluorobenzene	12.62	95	147646	48.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.30%	
Target Compounds						
8) Diethyl Ether	3.67	74	1694	1.244	ug/l	82
16) Acetone	4.15	43	13177	14.048	ug/l	100
20) Methylene Chloride	4.92	84	10791	2.523	ug/l	96
31) Cyclohexane	7.95	56	5312	1.158	ug/l #	17
36) 1,1-Dichloropropene	7.95	75	18934	5.656	ug/l #	49
38) Carbon Tetrachloride	7.95	117	26152	7.126	ug/l #	17
52) Toluene	10.39	92	9960	1.618	ug/l	99
76) 1,2,3-Trichloropropane	12.62	75	75100	63.011	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	75100	150.622	ug/l #	10

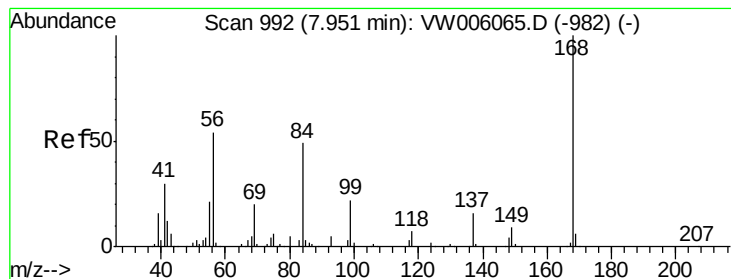
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 25 06:12:17 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006344.D

Acq: 25 Oct 2018 04:29

Instrument :

MSVOA_W

ClientSampleId :

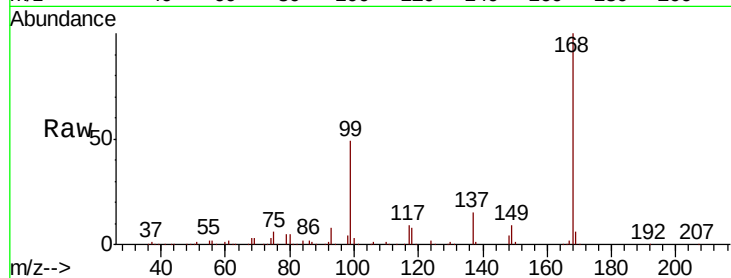
CL-01-102318-DRE

Tot Ion:168 Resp: 302356

Ion Ratio Lower Upper

168 100

99 49.1 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

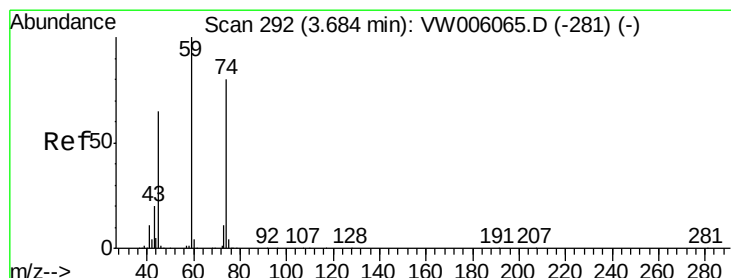
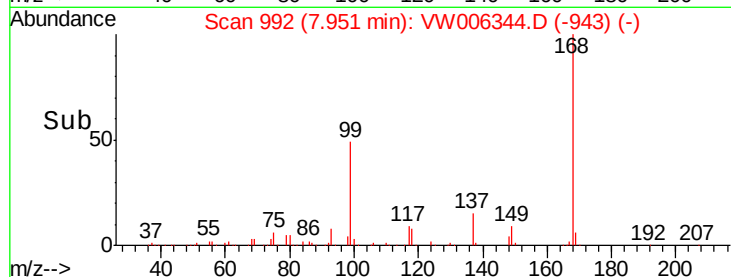
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.244 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.01 min

Lab File: VW006344.D

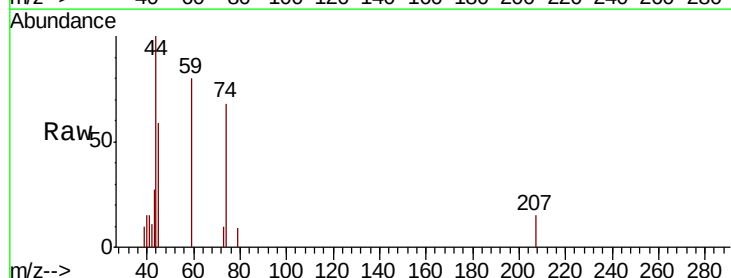
Acq: 25 Oct 2018 04:29

Tgt Ion: 74 Resp: 1694

Ion Ratio Lower Upper

74 100

45 102.0 42.8 128.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.67

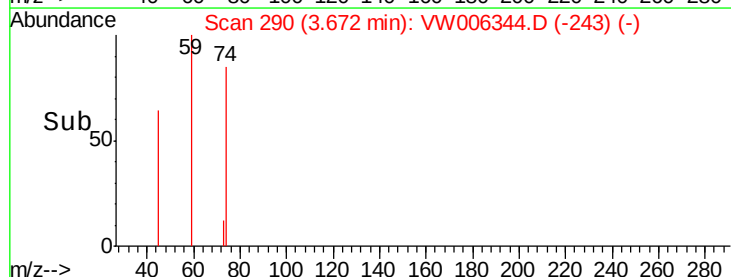
600

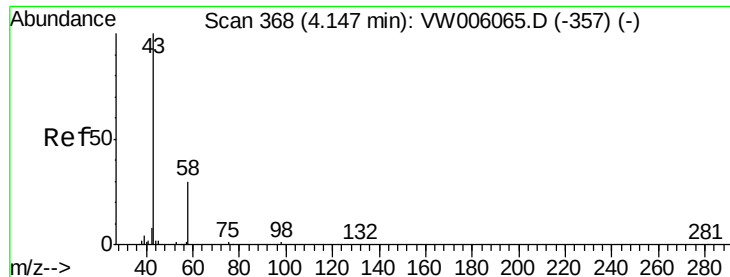
400

200

0

Time-->





#16

Acetone

Concen: 14.048 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW006344.D

Acq: 25 Oct 2018 04:29

Instrument :

MSVOA_W

ClientSampleId :

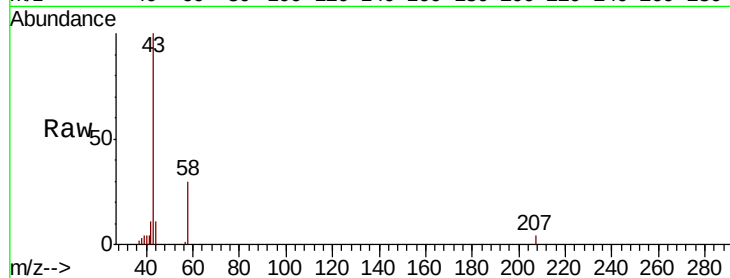
CL-01-102318-DRE

Tot Ion: 43 Resp: 13177

Ion Ratio Lower Upper

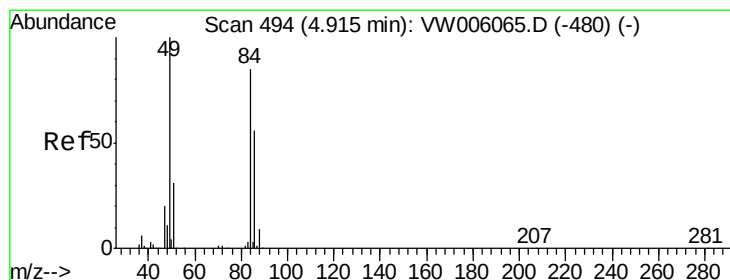
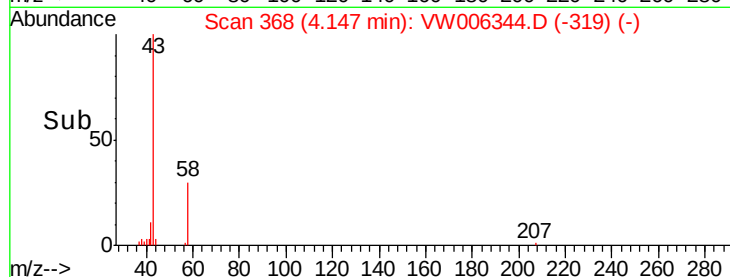
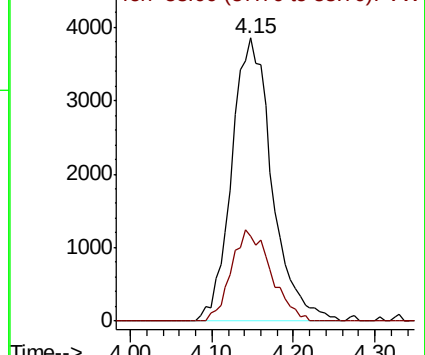
43 100

58 30.2 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 2.523 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006344.D

Acq: 25 Oct 2018 04:29

Tgt Ion: 84 Resp: 10791

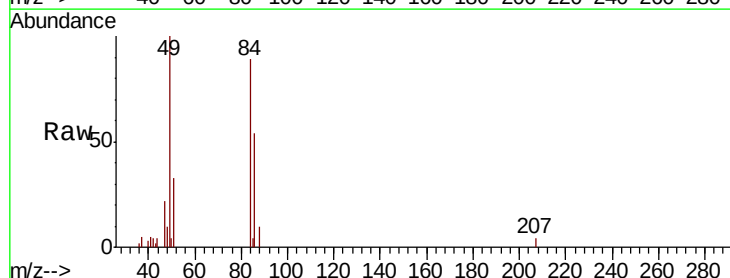
Ion Ratio Lower Upper

84 100

49 112.3 93.6 140.4

51 37.4 29.0 43.4

86 60.9 52.6 79.0

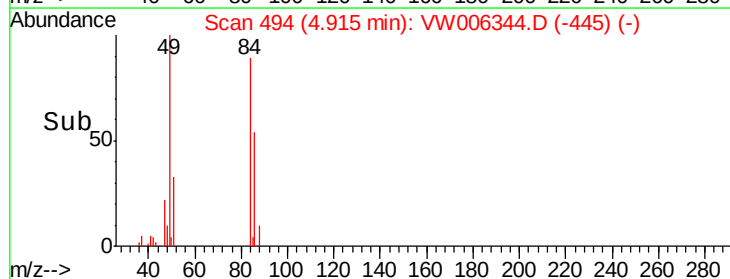
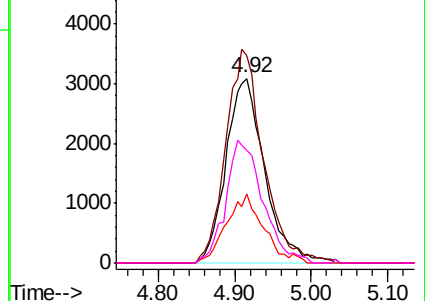


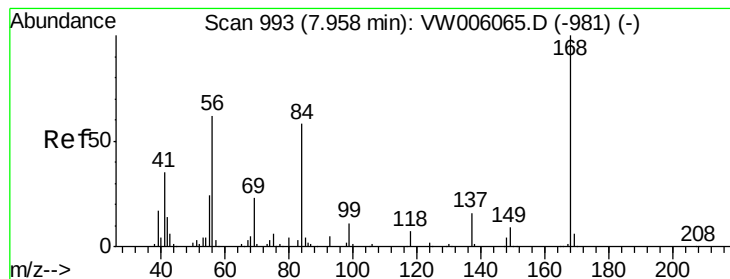
Abundance Ion 83.90 (83.60 to 84.60): VW

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





#31

Cyclohexane

Concen: 1.158 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006344.D

Acq: 25 Oct 2018 04:29

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CL-01-102318-DRE

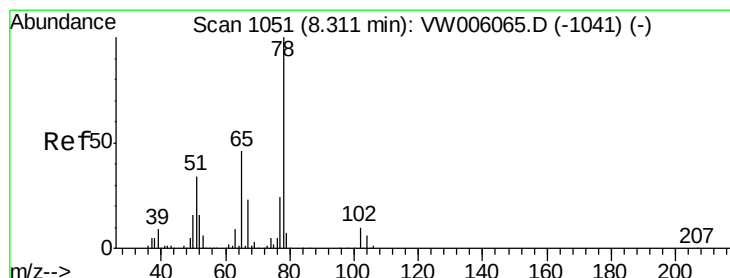
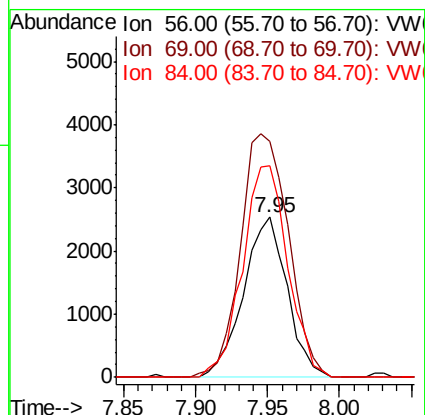
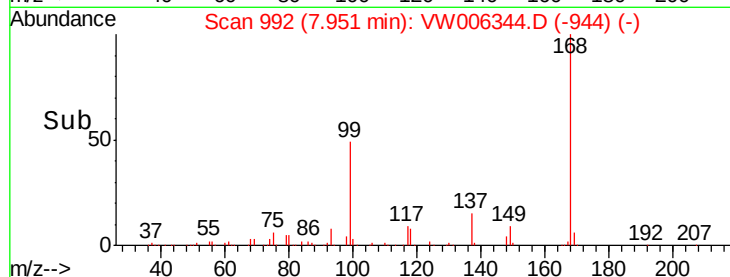
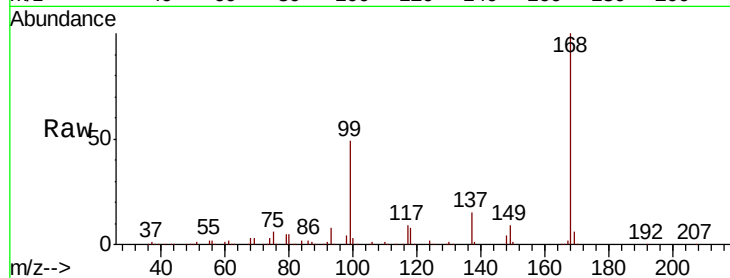
Tot Ion: 56 Resp: 5312

Ion Ratio Lower Upper

56 100

69 147.5 29.4 44.0#

84 132.6 74.0 111.0#



#33

1,2-Dichloroethane-d4

Concen: 53.103 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006344.D

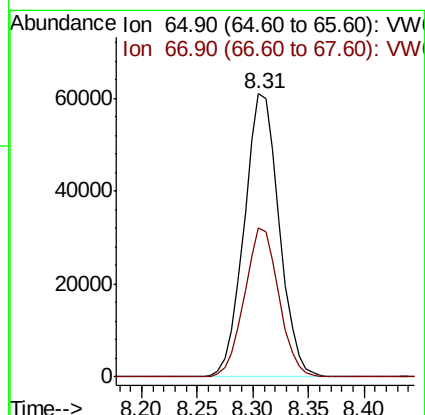
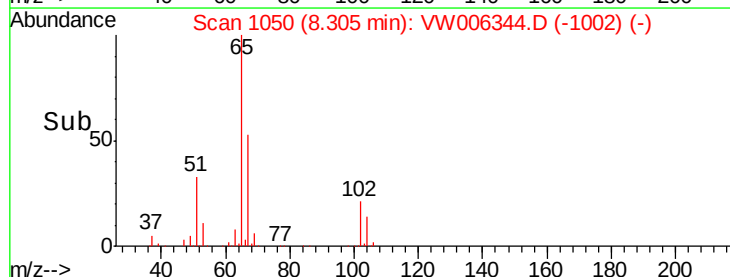
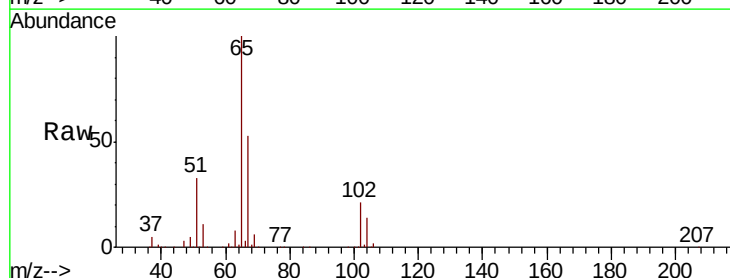
Acq: 25 Oct 2018 04:29

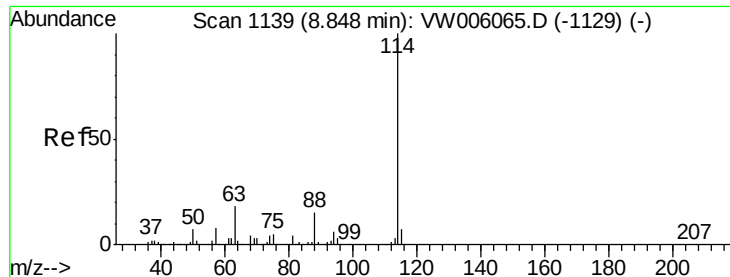
Tgt Ion: 65 Resp: 133112

Ion Ratio Lower Upper

65 100

67 51.7 0.0 101.0

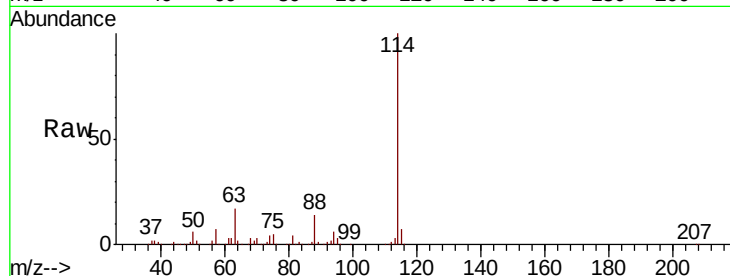




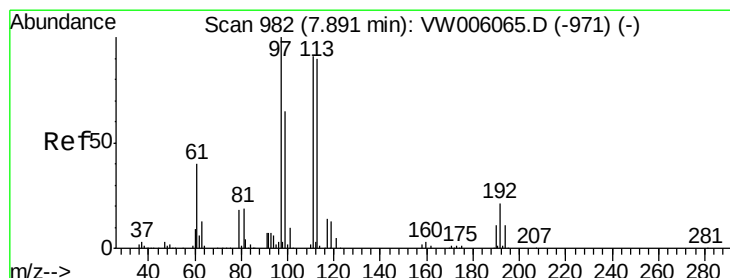
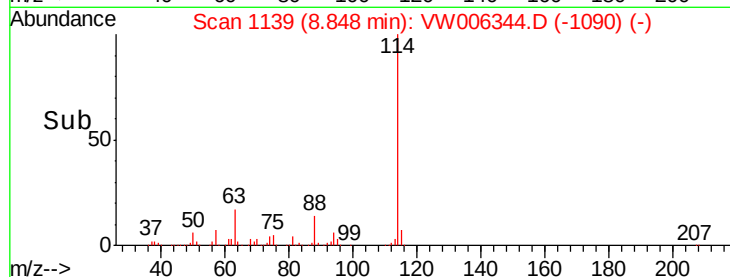
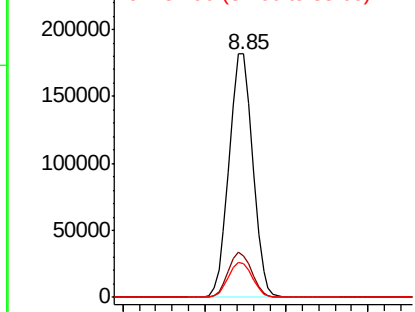
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006344.D
 Acq: 25 Oct 2018 04:29

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-01-102318-DRE

Tot Ion:114	Resp:	363193
Ion Ratio	Lower	Upper
114 100		
63 17.2	0.0	36.8
88 14.1	0.0	29.0

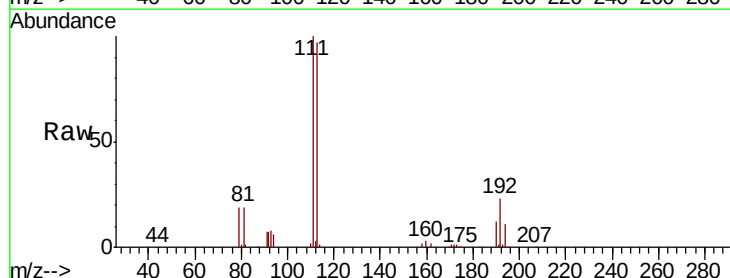


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

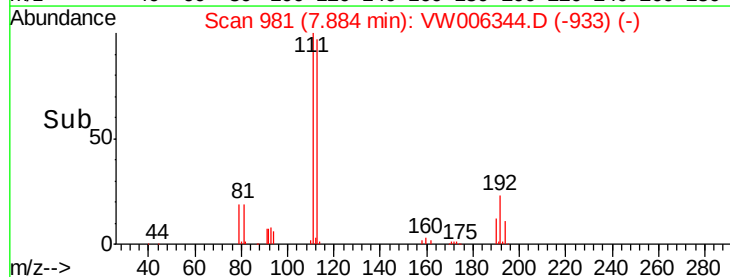
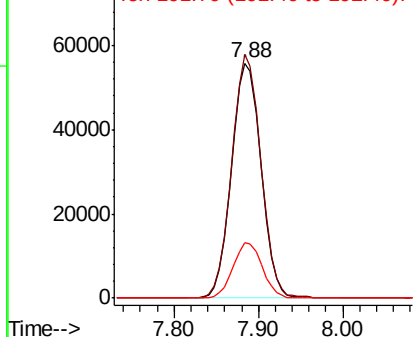


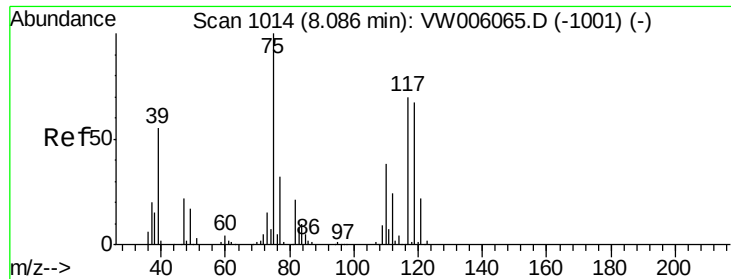
#35
 Dibromofluoromethane
 Concen: 61.517 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006344.D
 Acq: 25 Oct 2018 04:29

Tgt Ion:113	Resp:	132022
Ion Ratio	Lower	Upper
113 100		
111 102.2	81.4	122.0
192 23.3	18.7	28.1



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

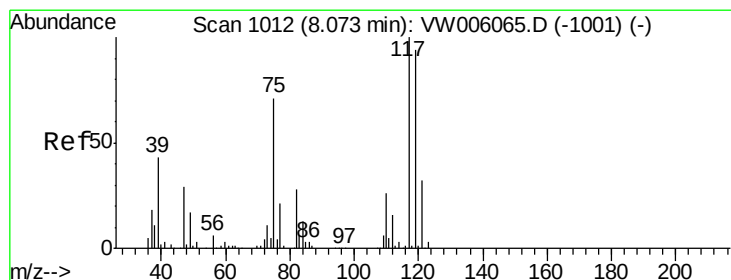
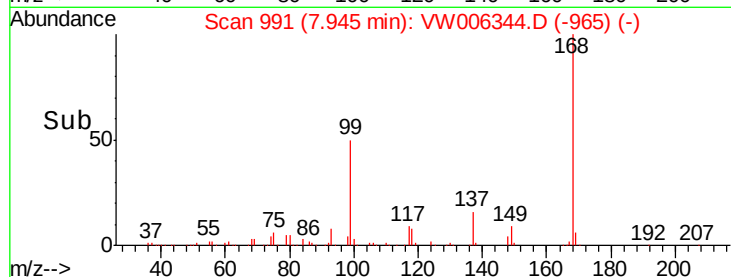
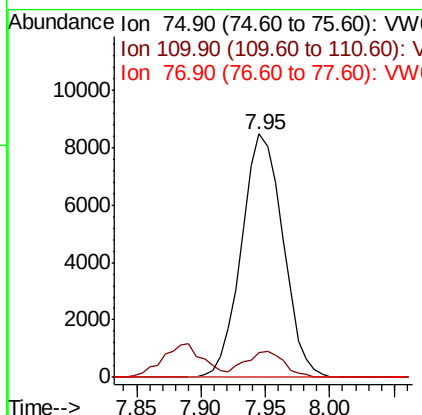
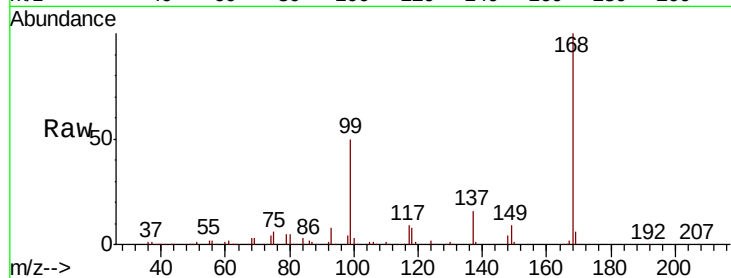




#36
 1,1-Dichloropropene
 Concen: 5.656 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006344.D
 Acq: 25 Oct 2018 04:29

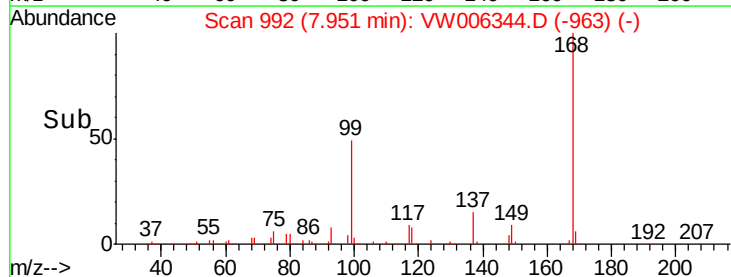
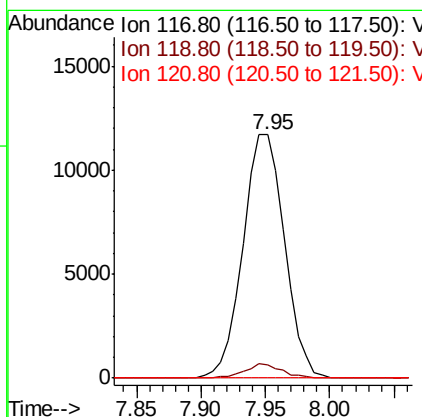
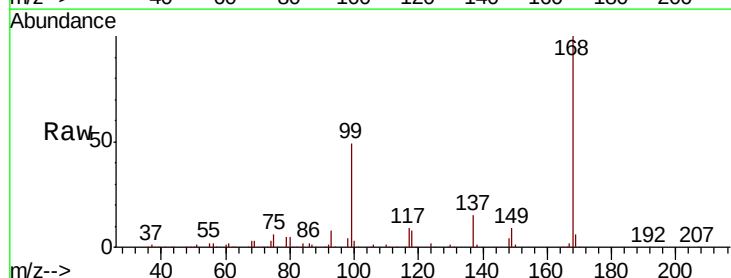
Instrument :
 MSVOA_W
 ClientSampleId :
 CL-01-102318-DRE

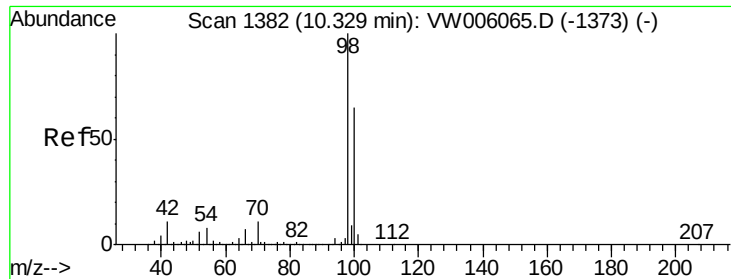
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.0	19.1	57.1#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 7.126 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006344.D
 Acq: 25 Oct 2018 04:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.5	75.2	112.8#
121	0.0	25.3	37.9#

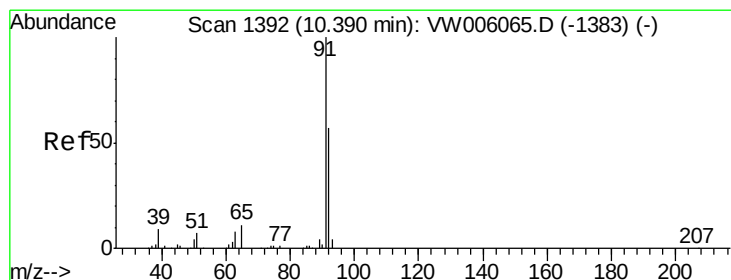
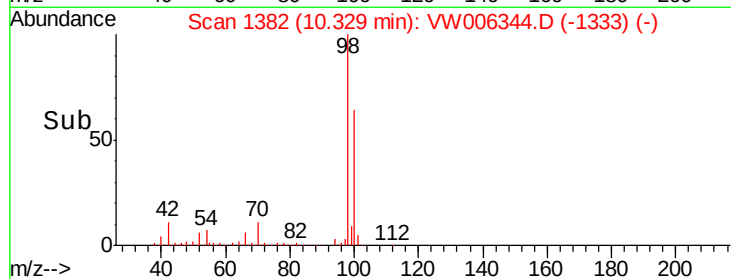
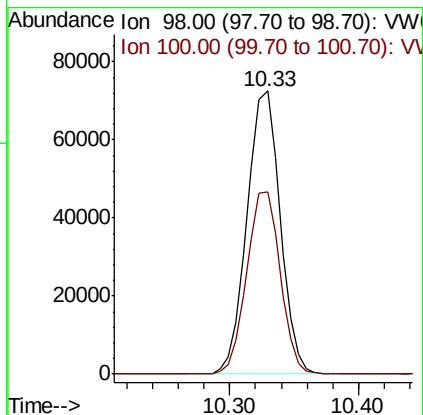
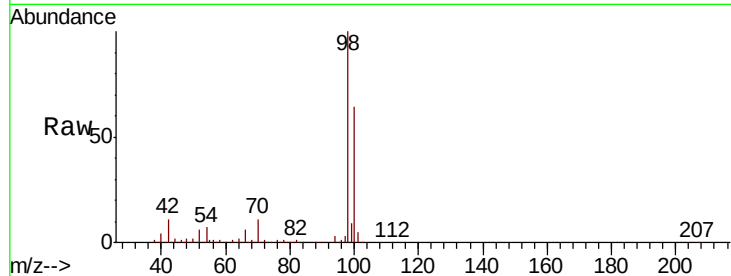




#50
Toluene-d8
Concen: 15.825 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006344.D
Acq: 25 Oct 2018 04:29

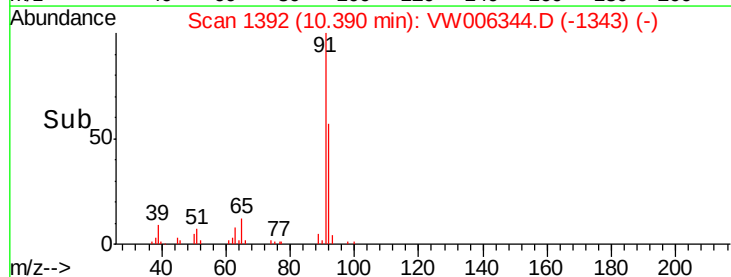
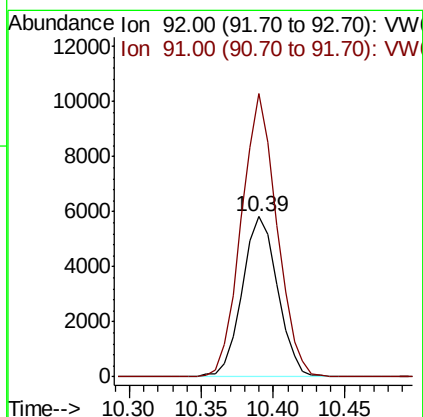
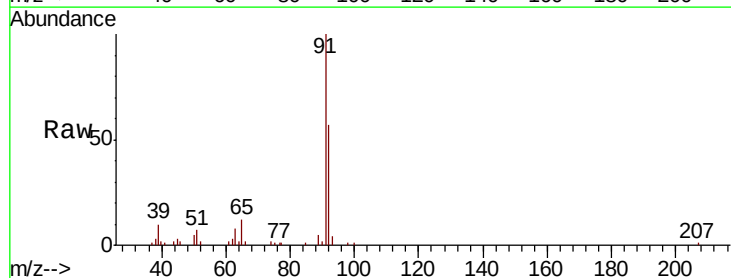
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MSVOA_W
ClientSampleId :
CL-01-102318-DRE

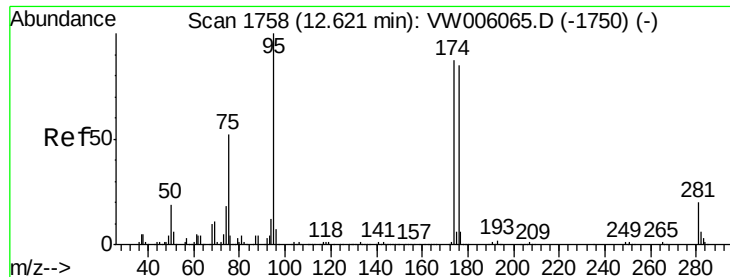
Tot Ion: 98 Resp: 129206
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4



#52
Toluene
Concen: 1.618 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW006344.D
Acq: 25 Oct 2018 04:29

Tgt Ion: 92 Resp: 9960
Ion Ratio Lower Upper
92 100
91 175.9 140.0 210.0

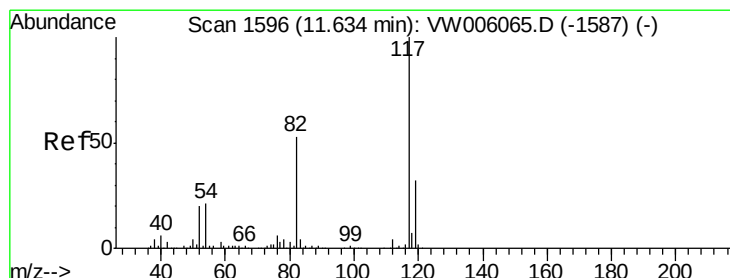
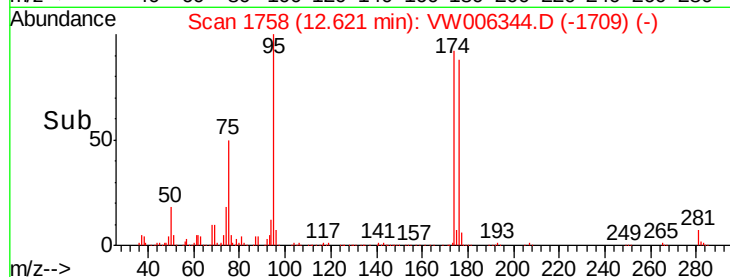
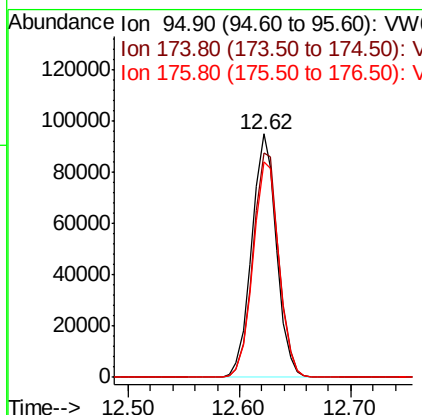
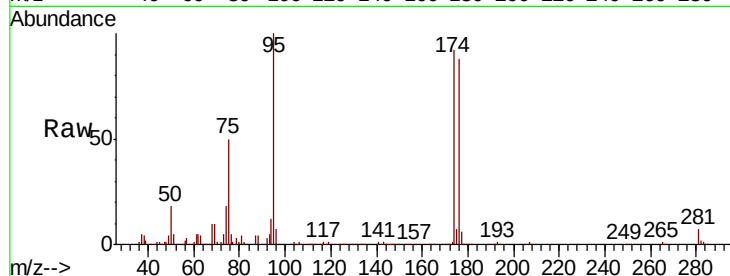




#62
4-Bromofluorobenzene
Concen: 48.146 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006344.D
Acq: 25 Oct 2018 04:29

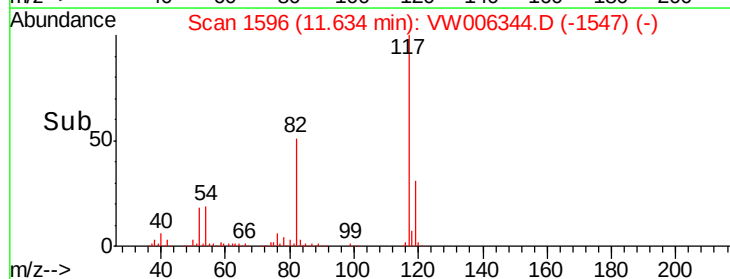
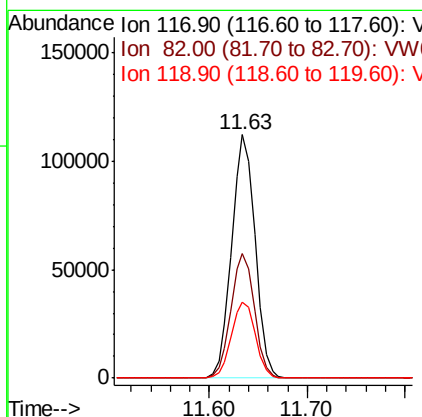
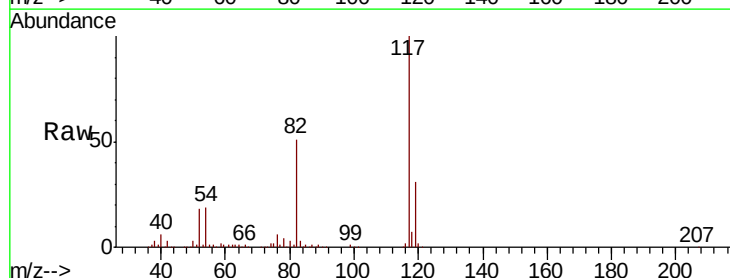
Instrument :
MSVOA_W
ClientSampleId :
CL-01-102318-DRE

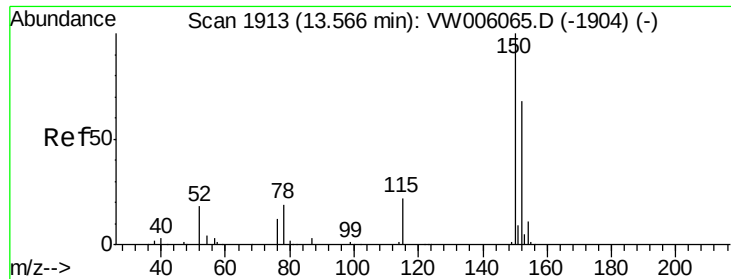
Tot Ion: 95 Resp: 147646
Ion Ratio Lower Upper
95 100
174 95.9 0.0 186.0
176 92.1 0.0 181.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006344.D
Acq: 25 Oct 2018 04:29

Tgt Ion: 117 Resp: 187130
Ion Ratio Lower Upper
117 100
82 51.2 42.1 63.1
119 31.1 25.8 38.6

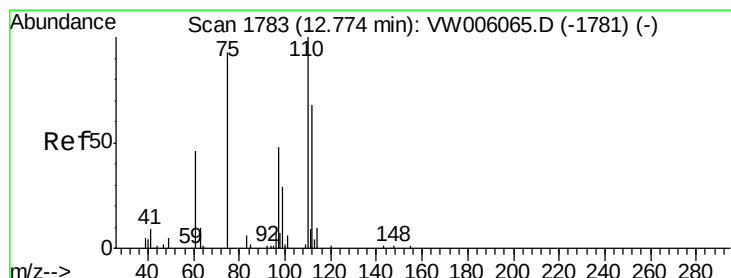
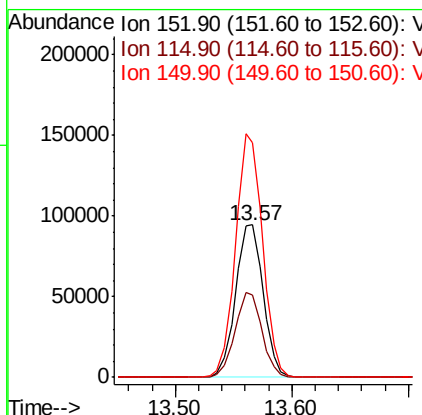
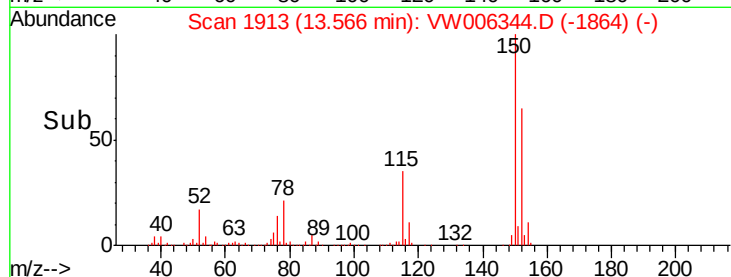
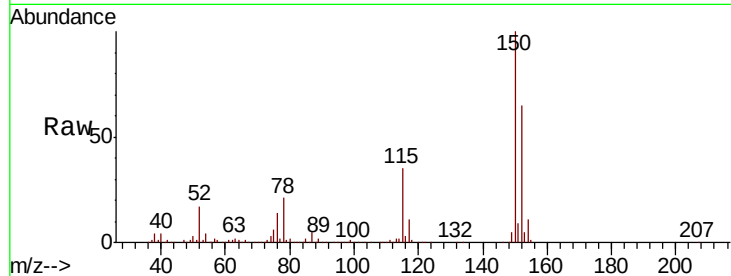




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1913
 Delta R.T. 0.00 min
 Lab File: VW006344.D
 Acq: 25 Oct 2018 04:29

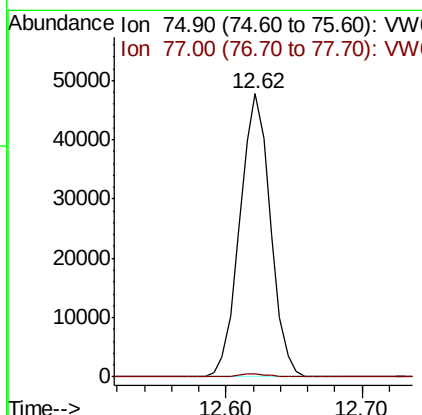
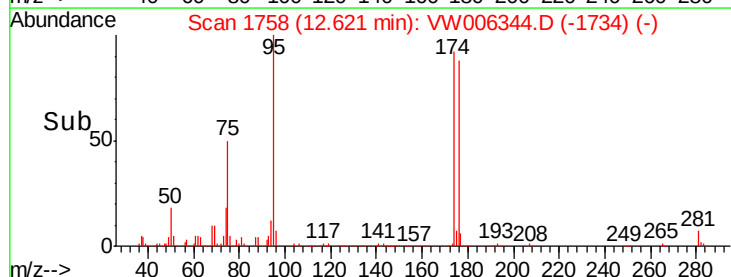
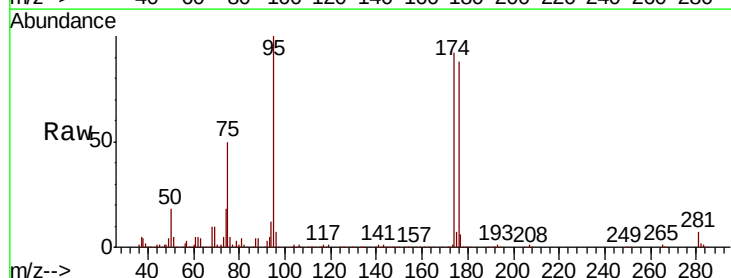
Instrument :
 MSVOA_W
 ClientSampleId :
 CL-01-102318-DRE

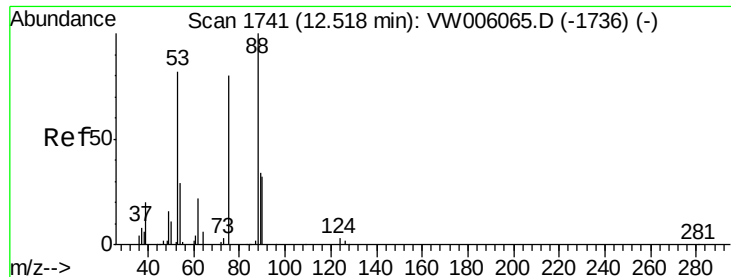
Tot Ion:152 Resp: 156041
 Ion Ratio Lower Upper
 152 100
 115 54.2 27.8 83.3
 150 156.5 0.0 349.2



#76
 1,2,3-Trichloropropane
 Concen: 63.011 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW006344.D
 Acq: 25 Oct 2018 04:29

Tgt Ion: 75 Resp: 75100
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 150.622 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006344.D

Acq: 25 Oct 2018 04:29

Instrument :

MSVOA_W

ClientSampleId :

CL-01-102318-DRE

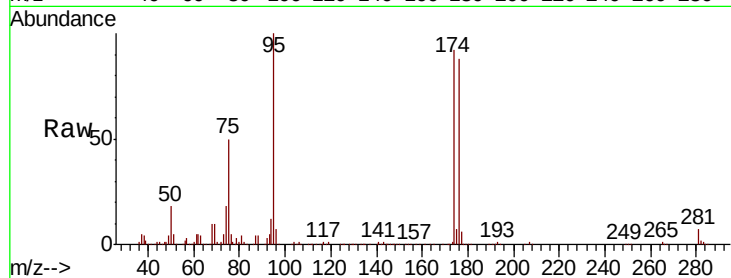
Tot Ion: 75 Resp: 75100

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.0 37.5 56.3#



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

