

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV102518\
 Data File : VW006341.D
 Acq On : 25 Oct 2018 03:12
 Operator : SY/AP
 Sample : J5198-21RE
 Misc : 6.43G/5ML/MSVOA W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

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

Quant Time: Oct 25 06:11:42 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

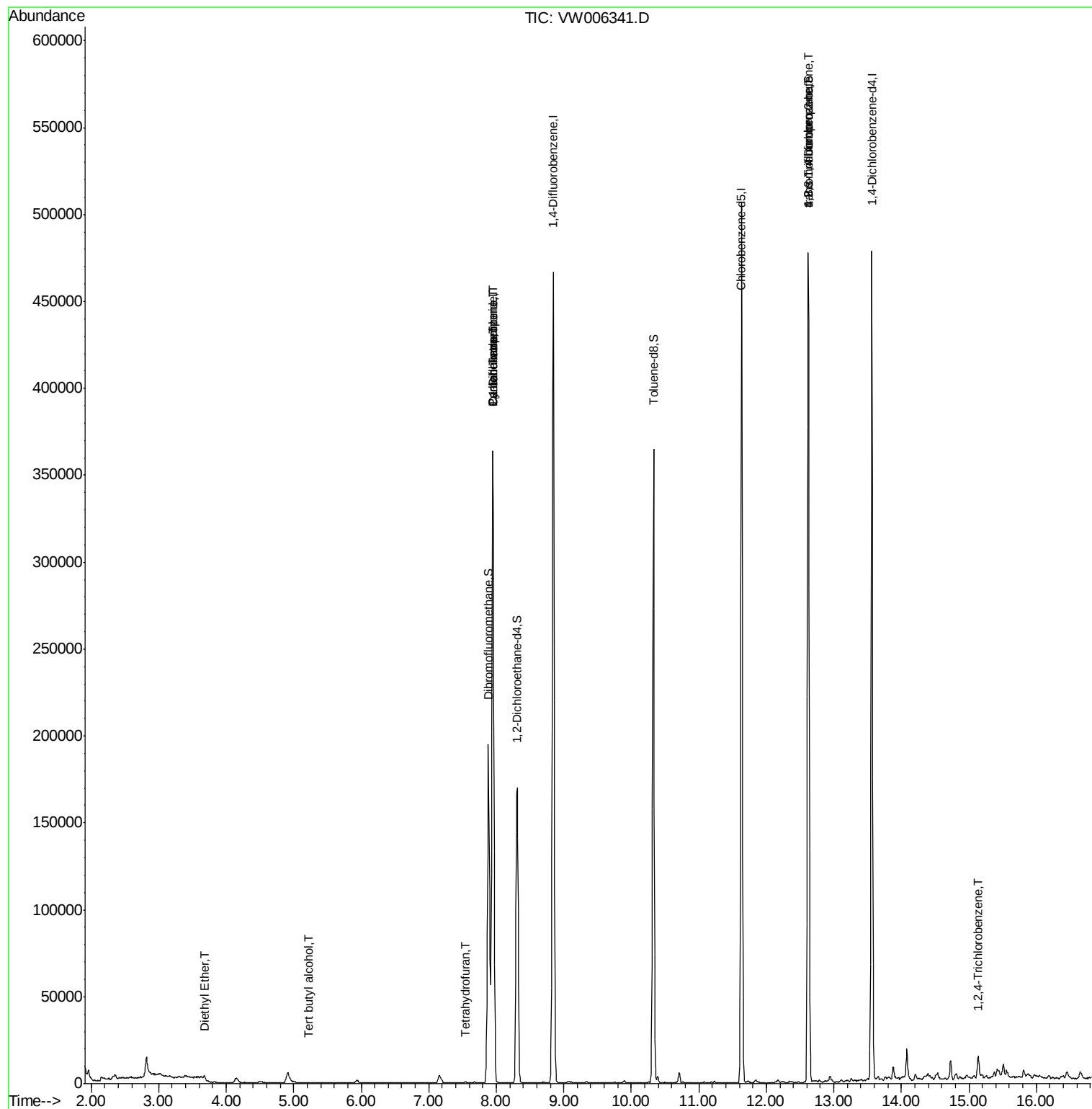
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	299462	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	419443	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	293065	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	137479	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	137941	55.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.12%	
35) Dibromofluoromethane	7.88	113	132956	53.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.28%	
50) Toluene-d8	10.32	98	256302	27.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	54.36%	
62) 4-Bromofluorobenzene	12.62	95	144498	40.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.60%	
Target Compounds						
8) Diethyl Ether	3.68	74	1737	1.288	ug/l	59
11) Tert butyl alcohol	5.23	59	269	1.611	ug/l #	71
16) Acetone	4.15	43	6056	Below Cal		100
29) Tetrahydrofuran	7.55	42	463	1.123	ug/l #	58
31) Cyclohexane	7.95	56	5530	1.217	ug/l #	27
36) 1,1-Dichloropropene	7.95	75	18909	4.891	ug/l #	49
38) Carbon Tetrachloride	7.95	117	26301	6.206	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	72788	69.317	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	72788	165.696	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.14	180	4431	1.364	ug/l	92

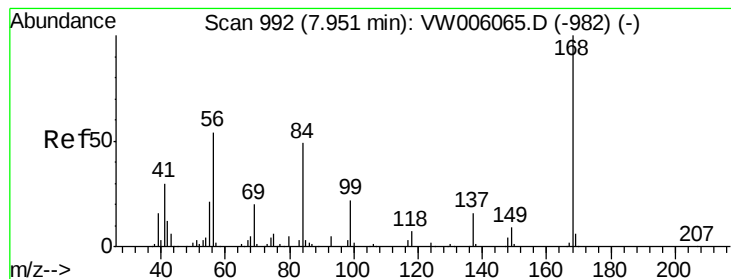
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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CL-01-102318-ARE

Quant Time: Oct 25 06:11:42 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: VW006341.D

Acq: 25 Oct 2018 03:12

Instrument :

MSVOA_W

ClientSampleId :

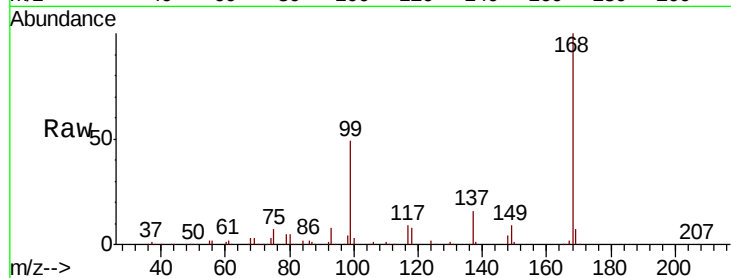
CL-01-102318-ARE

Tot Ion:168 Resp: 299462

Ion Ratio Lower Upper

168 100

99 49.5 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

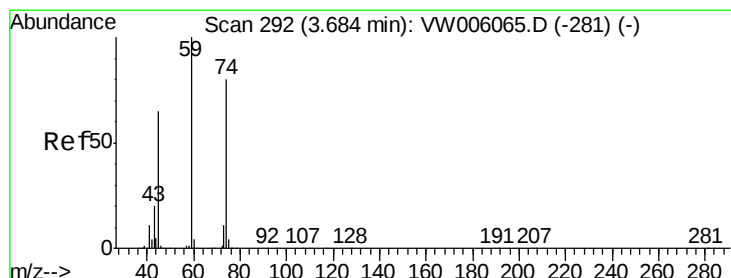
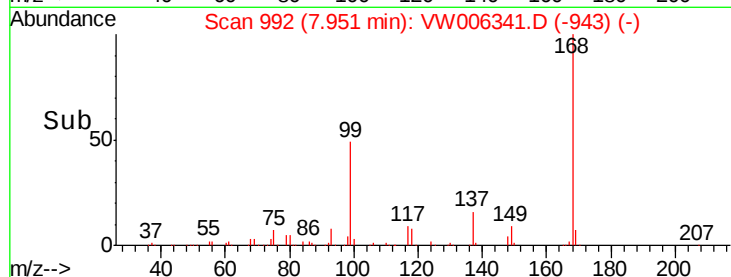
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.288 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006341.D

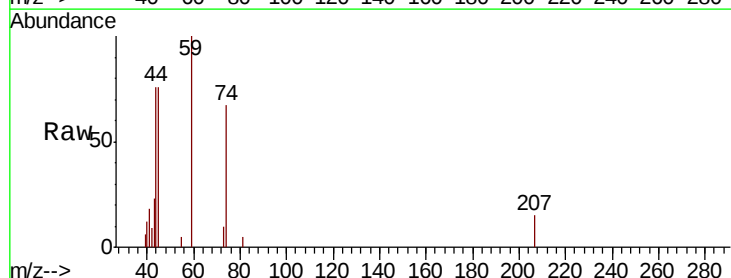
Acq: 25 Oct 2018 03:12

Tgt Ion: 74 Resp: 1737

Ion Ratio Lower Upper

74 100

45 123.5 42.8 128.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

800

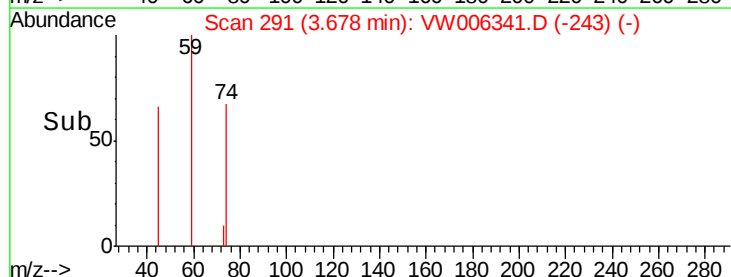
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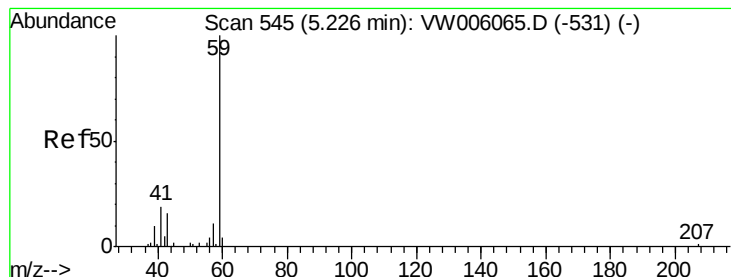
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Time-->



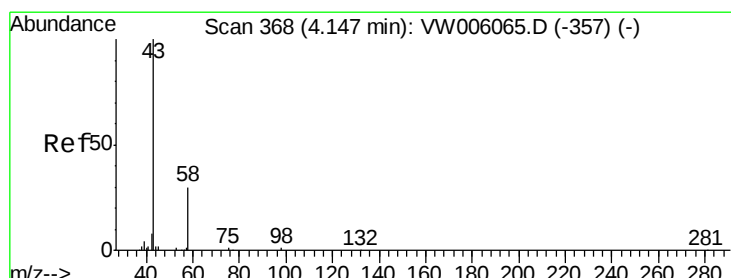
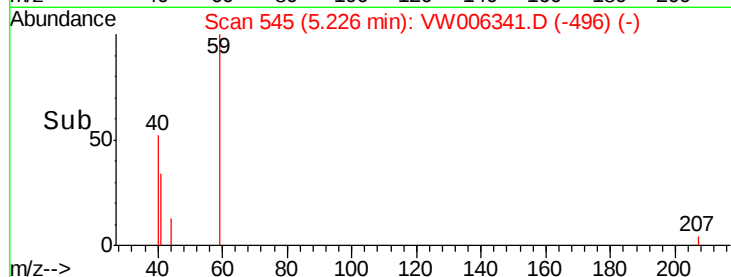
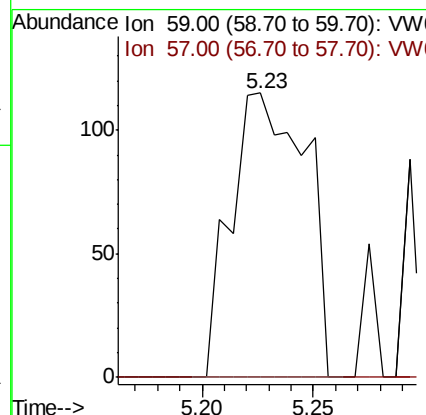
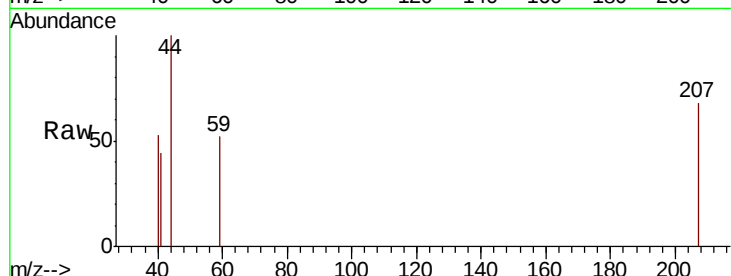


#11

Tert butyl alcohol
 Concen: 1.611 ug/l
 RT: 5.23 min Scan# 545
 Delta R.T. -0.00 min
 Lab File: VW006341.D
 Acq: 25 Oct 2018 03:12

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

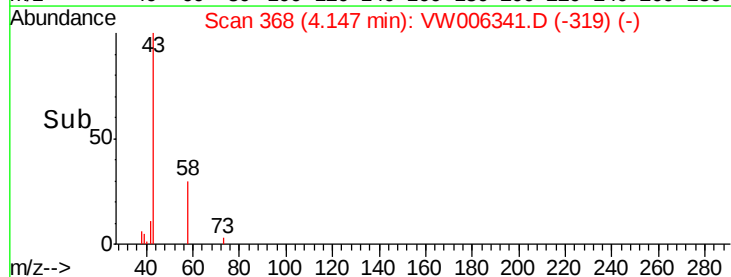
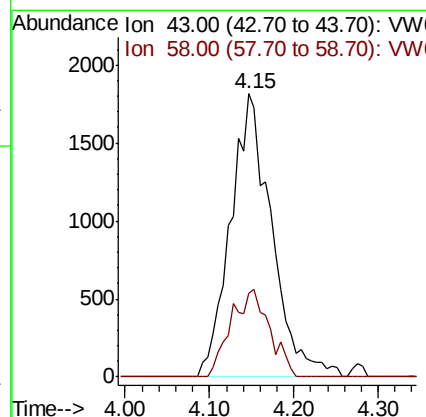
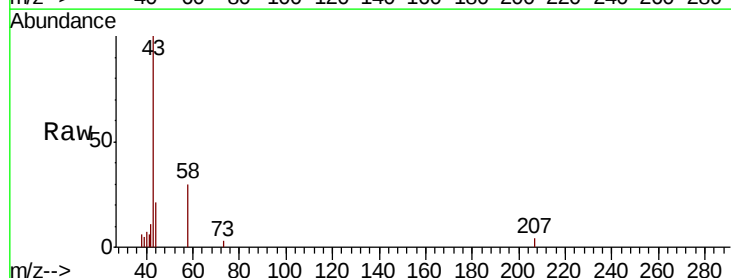
Tot Ion: 59 Resp: 269
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.7 13.1#

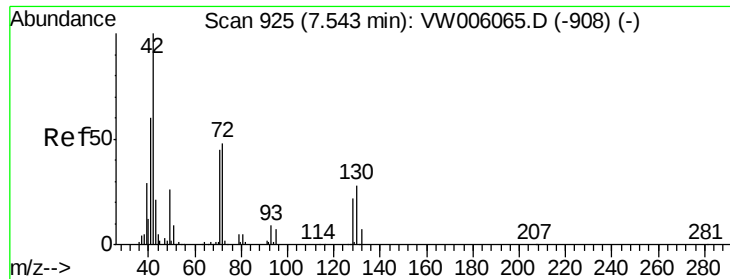


#16

Acetone
 Concen: Below Cal
 RT: 4.15 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VW006341.D
 Acq: 25 Oct 2018 03:12

Tgt Ion: 43 Resp: 6056
 Ion Ratio Lower Upper
 43 100
 58 29.8 24.0 36.0

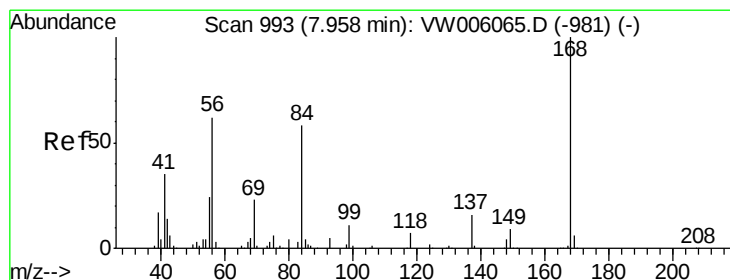
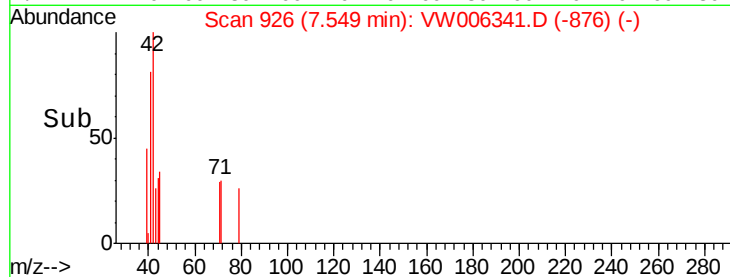
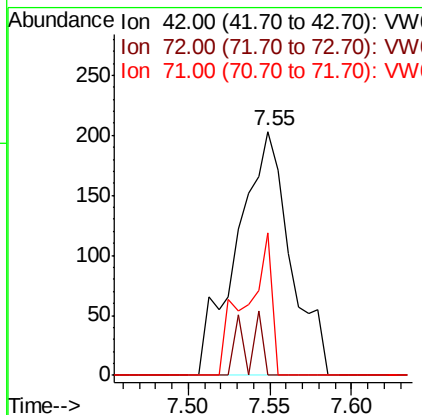
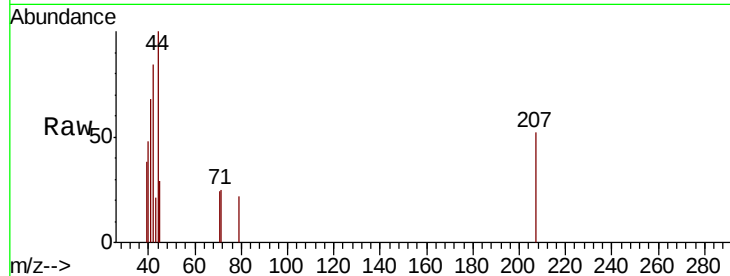




#29
Tetrahydrofuran
Concen: 1.123 ug/l
RT: 7.55 min Scan# 926
Delta R.T. 0.01 min
Lab File: VW006341.D
Acq: 25 Oct 2018 03:12

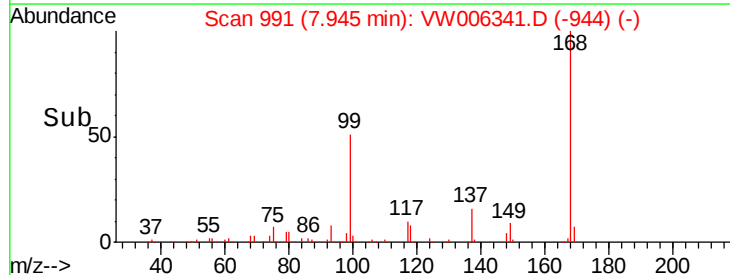
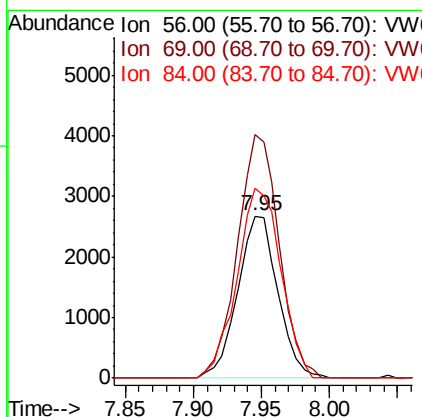
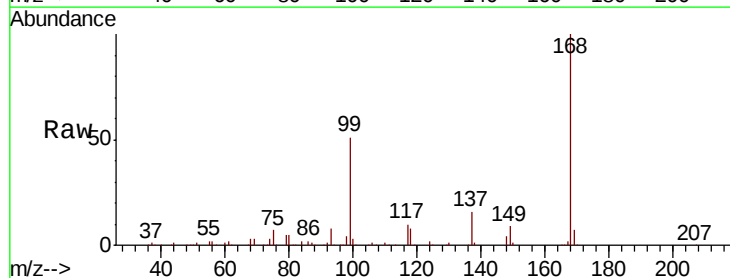
Instrument :
MSVOA_W
ClientSampleId :
CL-01-102318-ARE

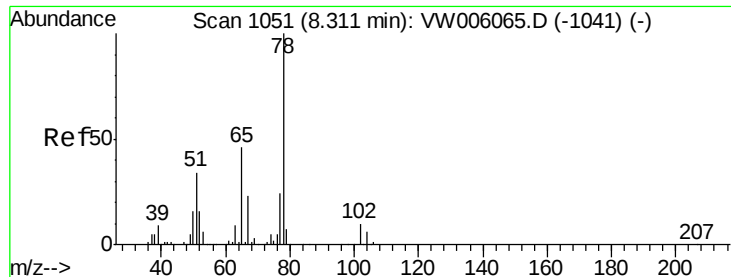
Tot Ion: 42 Resp: 463
Ion Ratio Lower Upper
42 100
72 8.2 38.0 57.0#
71 28.9 35.3 52.9#



#31
Cyclohexane
Concen: 1.217 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006341.D
Acq: 25 Oct 2018 03:12

Tgt Ion: 56 Resp: 5530
Ion Ratio Lower Upper
56 100
69 150.5 29.4 44.0#
84 117.2 74.0 111.0#

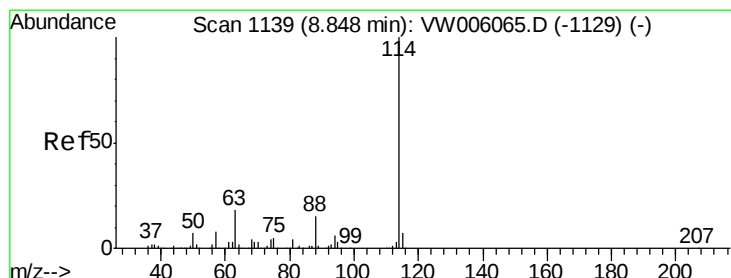
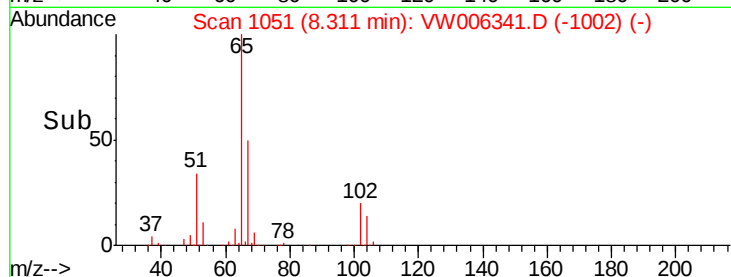
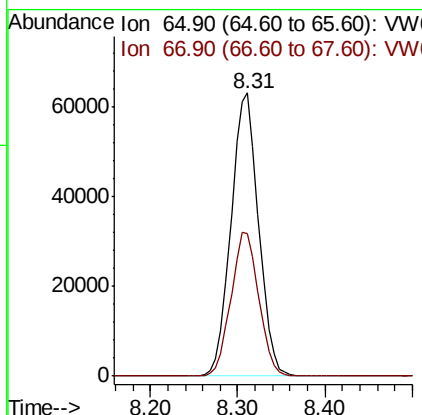
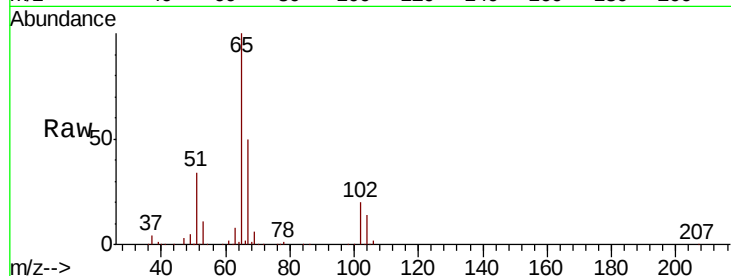




#33
 1,2-Dichloroethane-d4
 Concen: 55.561 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006341.D
 Acq: 25 Oct 2018 03:12

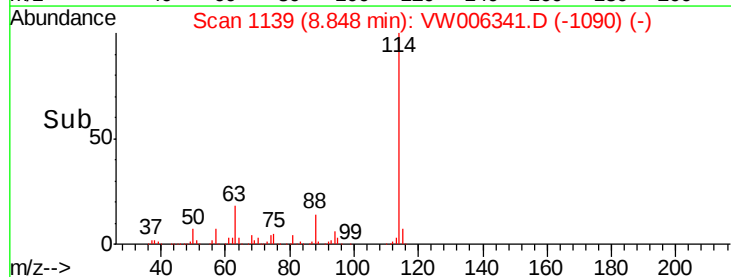
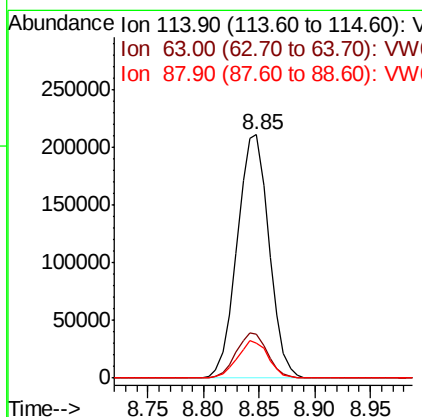
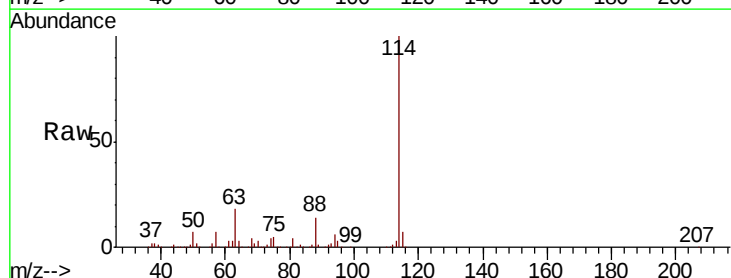
Instrument :
 MSVOA_W
 ClientSampleId :
 CL-01-102318-ARE

Tot Ion: 65 Resp: 137941
 Ion Ratio Lower Upper
 65 100
 67 51.3 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: VW006341.D
 Acq: 25 Oct 2018 03:12

Tgt Ion: 114 Resp: 419443
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 36.8
 88 14.2 0.0 29.0

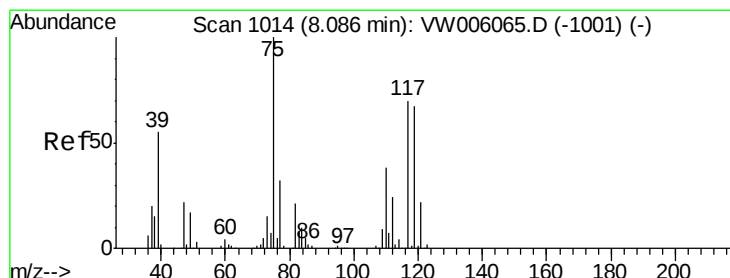
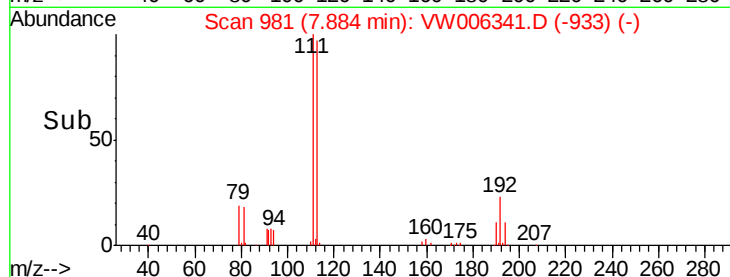
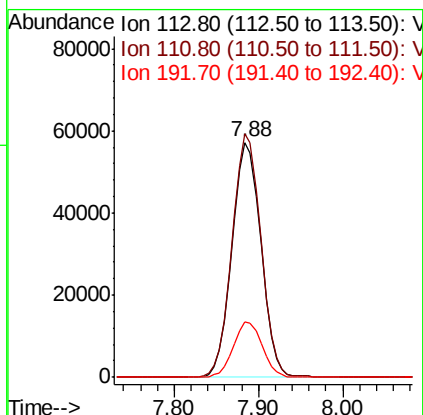
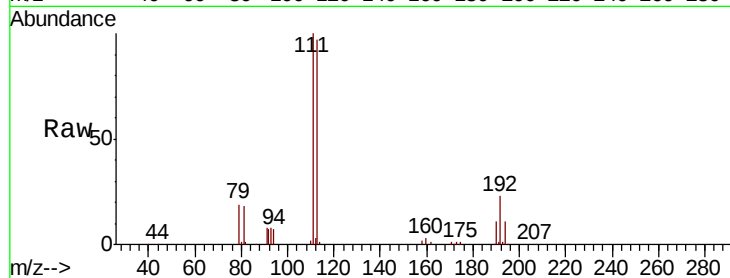




#35
 Dibromofluoromethane
 Concen: 53.644 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006341.D
 Acq: 25 Oct 2018 03:12

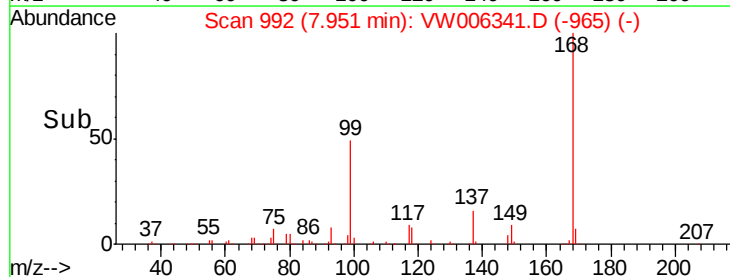
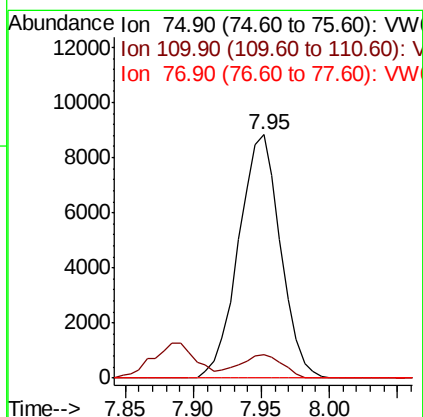
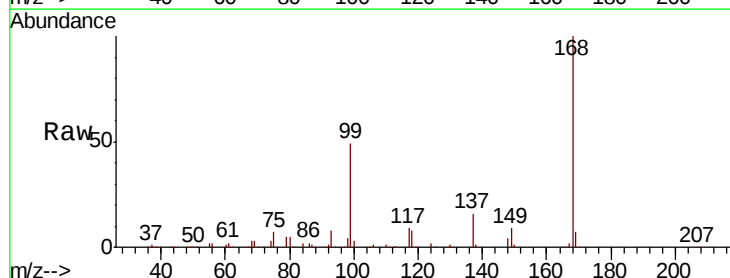
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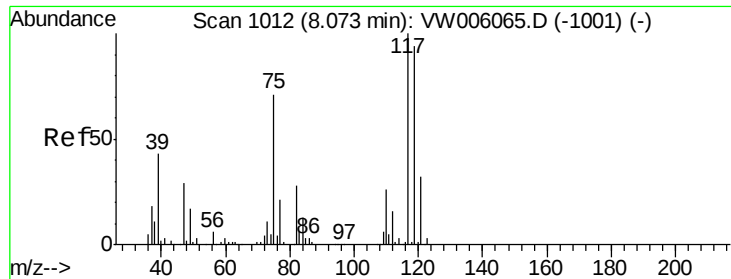
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.4	122.0
192	23.5	18.7	28.1



#36
 1,1-Dichloropropene
 Concen: 4.891 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006341.D
 Acq: 25 Oct 2018 03:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.6	19.1	57.1#
77	0.0	25.0	37.4#

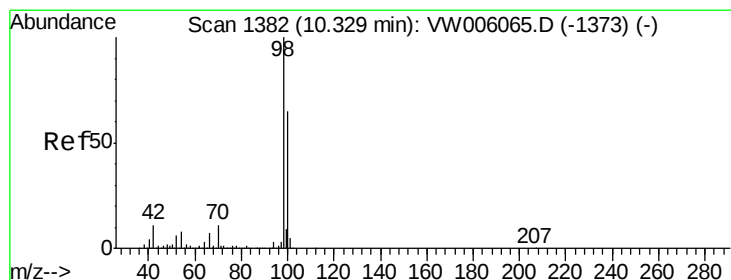
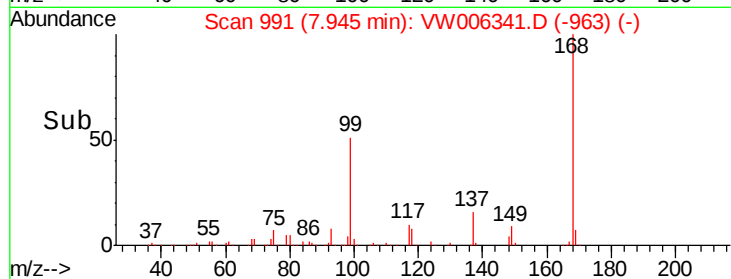
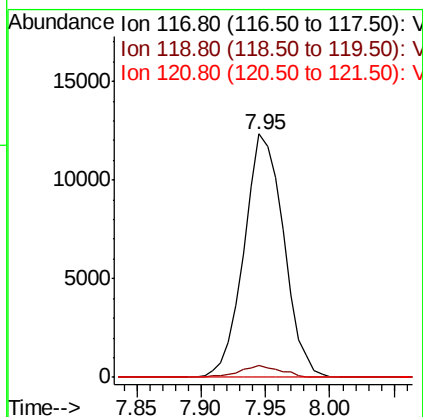
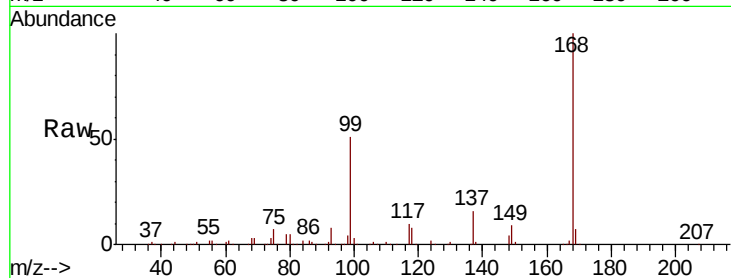




#38
Carbon Tetrachloride
Concen: 6.206 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW006341.D
Acq: 25 Oct 2018 03:12

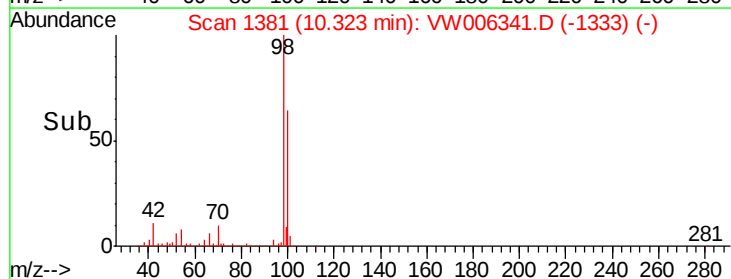
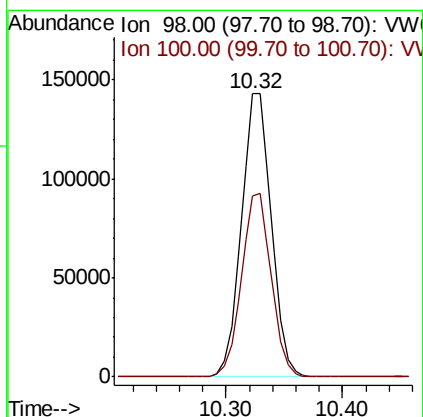
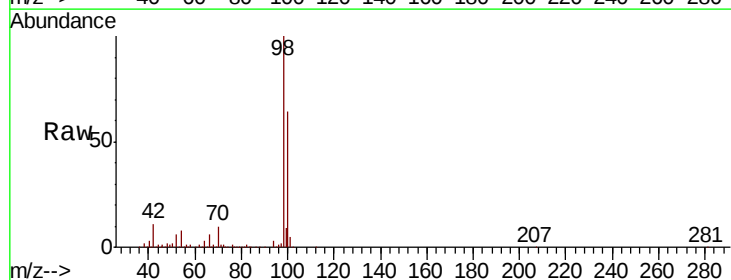
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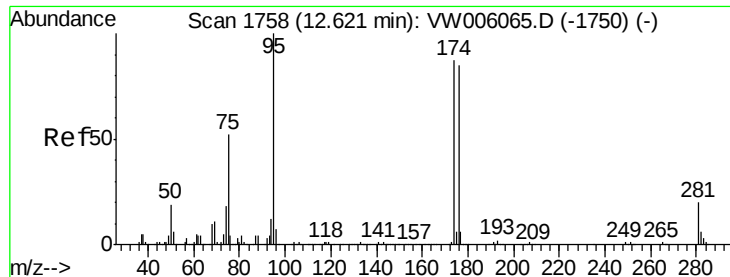
Tot Ion:117 Resp: 26301
Ion Ratio Lower Upper
117 100
119 5.2 75.2 112.8#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 27.181 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006341.D
Acq: 25 Oct 2018 03:12

Tgt Ion: 98 Resp: 256302
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4

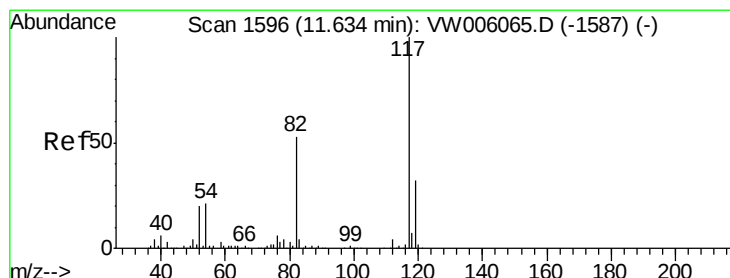
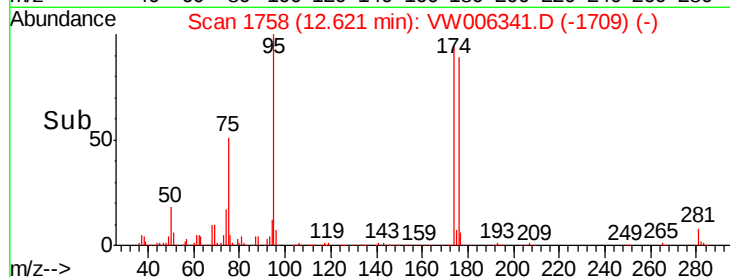
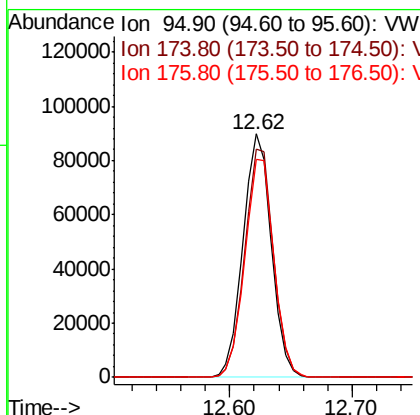
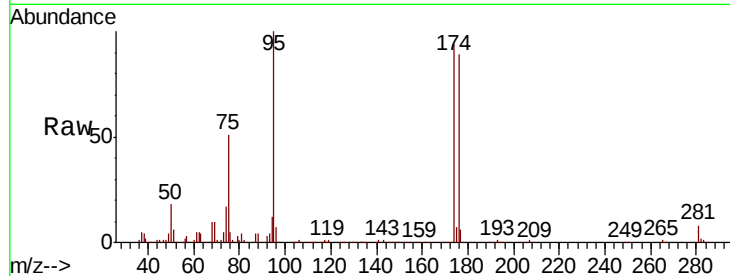




#62
4-Bromofluorobenzene
Concen: 40.801 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006341.D
Acq: 25 Oct 2018 03:12

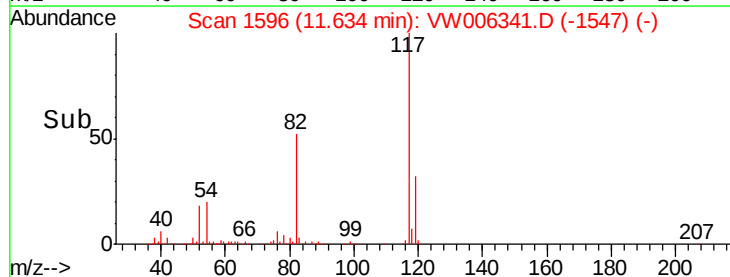
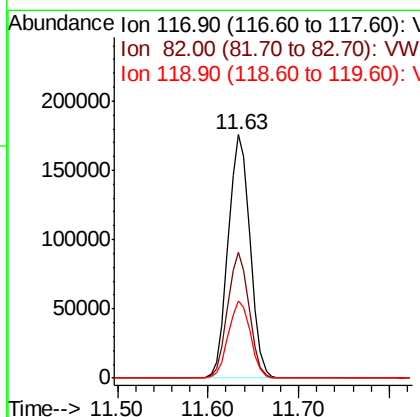
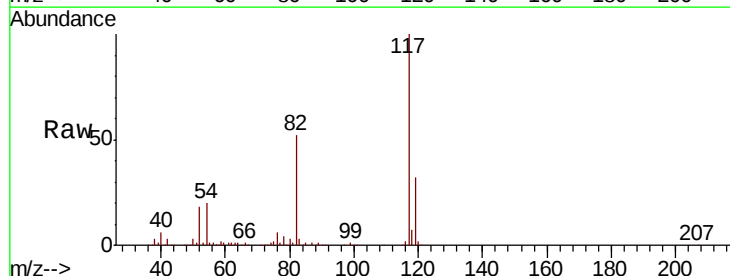
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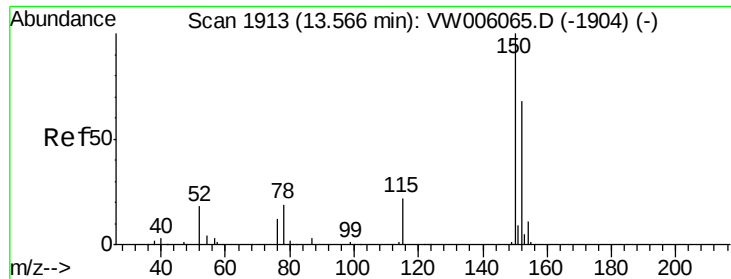
Tot Ion: 95 Resp: 144498
Ion Ratio Lower Upper
95 100
174 95.5 0.0 186.0
176 92.1 0.0 181.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006341.D
Acq: 25 Oct 2018 03:12

Tgt Ion: 117 Resp: 293065
Ion Ratio Lower Upper
117 100
82 51.7 42.1 63.1
119 31.6 25.8 38.6



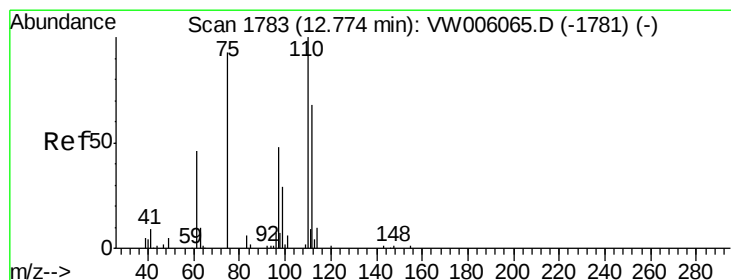
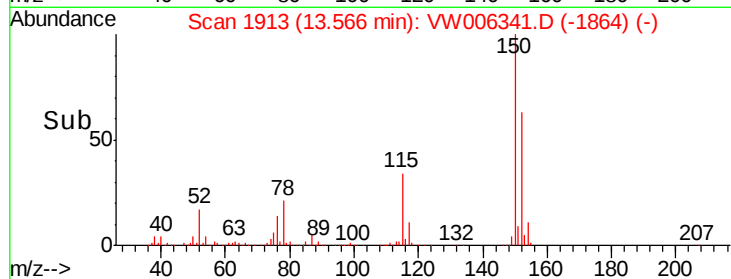
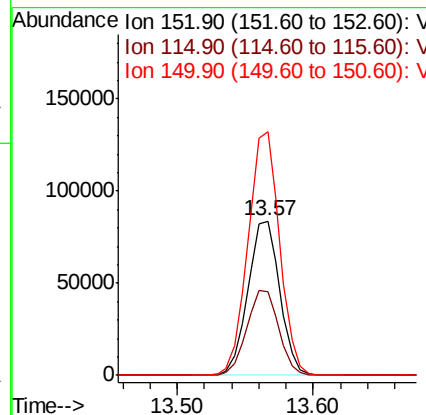
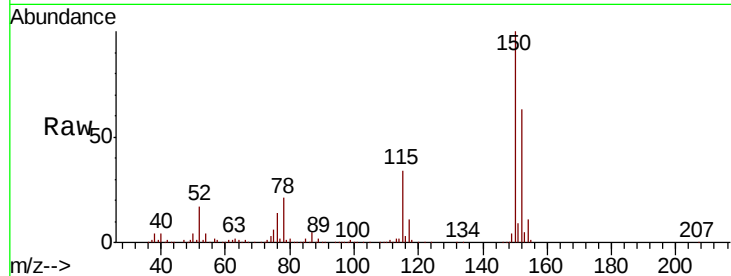


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006341.D
Acq: 25 Oct 2018 03:12

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

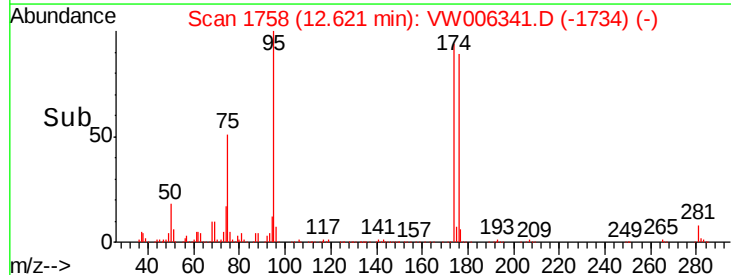
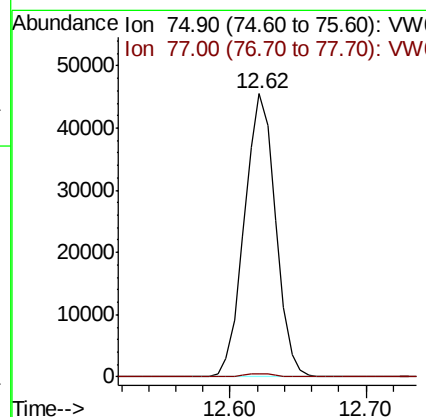
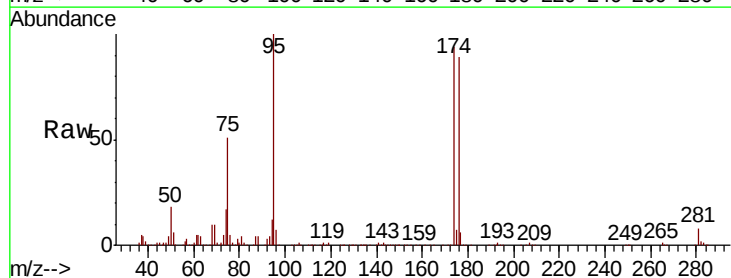
Tot Ion:152 Resp: 137479
Ion Ratio Lower Upper
152 100
115 55.3 27.8 83.3
150 156.7 0.0 349.2

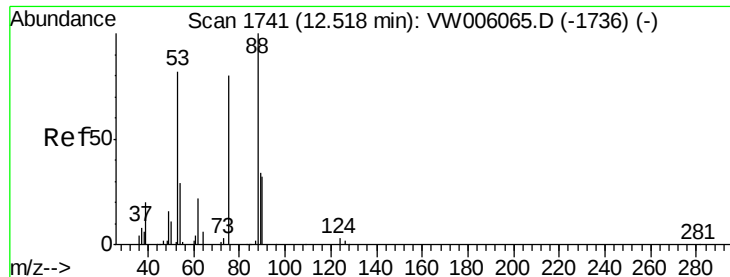


#76

1,2,3-Trichloropropane
Concen: 69.317 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW006341.D
Acq: 25 Oct 2018 03:12

Tgt Ion: 75 Resp: 72788
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 165.696 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006341.D

Acq: 25 Oct 2018 03:12

Instrument :

MSVOA_W

ClientSampleId :

CL-01-102318-ARE

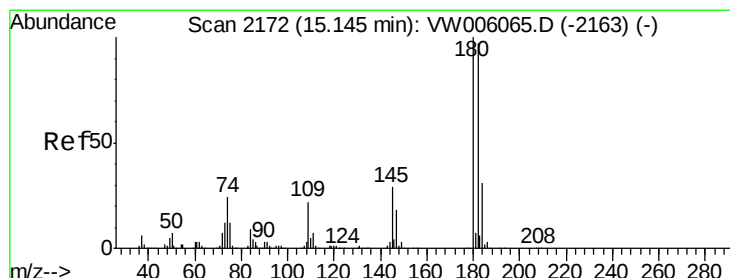
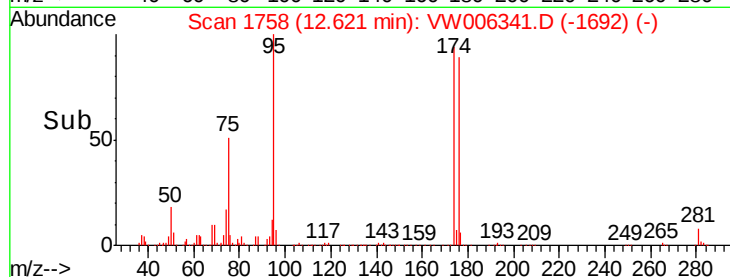
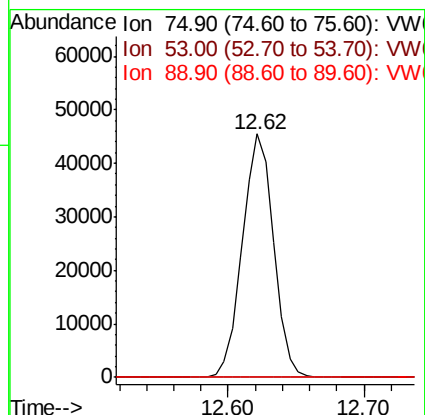
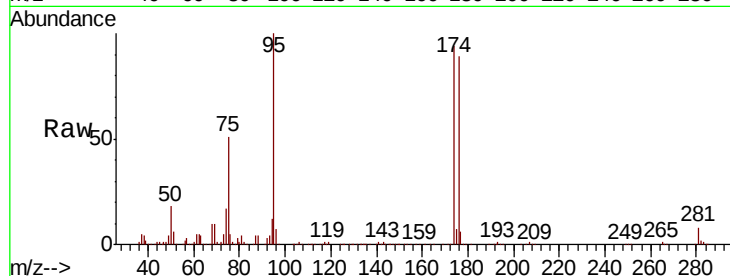
Tot Ion: 75 Resp: 72788

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.0 37.5 56.3#



#93

1,2,4-Trichlorobenzene

Concen: 1.364 ug/l

RT: 15.14 min Scan# 2171

Delta R.T. -0.01 min

Lab File: VW006341.D

Acq: 25 Oct 2018 03:12

Tgt Ion: 180 Resp: 4431

Ion Ratio Lower Upper

180 100

182 89.8 47.9 143.6

145 36.0 14.2 42.8

