

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110518\
 Data File : VW006636.D
 Acq On : 05 Nov 2018 15:15
 Operator : SY/AP
 Sample : J5665-06RE
 Misc : 4.27G/5ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-08B

Quant Time: Nov 06 01:22:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	222234	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	320480	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	279259	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	125063	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	68930	36.08	ug/l	0.00
Spiked Amount			Recovery	=	72.16%	
35) Dibromofluoromethane	7.89	113	79627	39.59	ug/l	0.00
Spiked Amount			Recovery	=	79.18%	
50) Toluene-d8	10.33	98	277613	36.26	ug/l	0.00
Spiked Amount			Recovery	=	72.52%	
62) 4-Bromofluorobenzene	12.62	95	82666	29.78	ug/l	0.00
Spiked Amount			Recovery	=	59.56%	

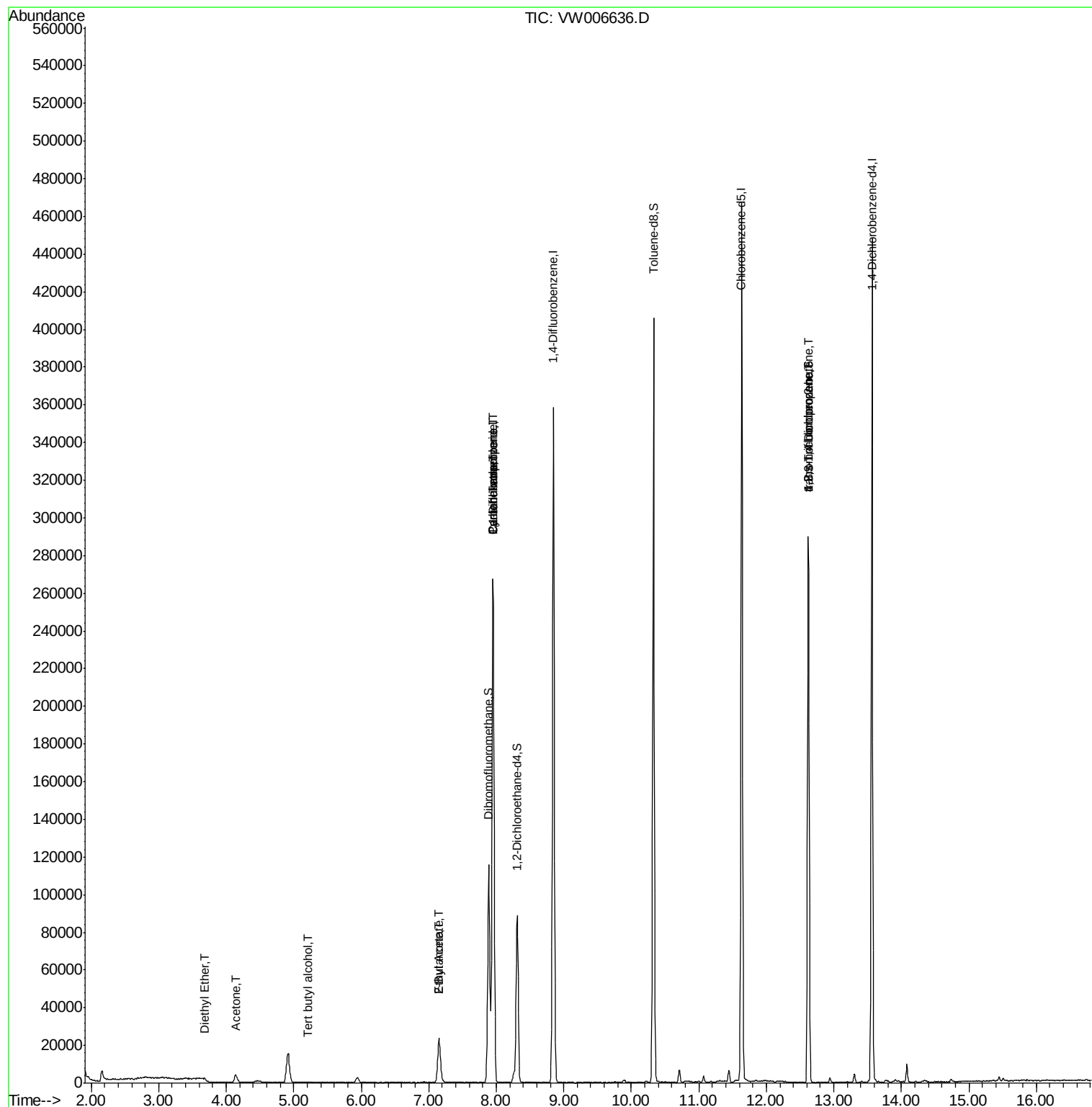
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	967	1.006	ug/l	65
11) Tert butyl alcohol	5.22	59	495	4.809	ug/l #	84
16) Acetone	4.14	43	7813	25.332	ug/l	89
25) 2-Butanone	7.16	43	1286	2.922	ug/l #	82
31) Cyclohexane	7.95	56	3701	1.216	ug/l #	4
36) 1,1-Dichloropropene	7.96	75	14087	4.998	ug/l #	48
37) Ethyl Acetate	7.16	43	1286	1.317	ug/l #	1
38) Carbon Tetrachloride	7.95	117	19557	6.641	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	40824	41.837	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	40824	105.242	ug/l #	11

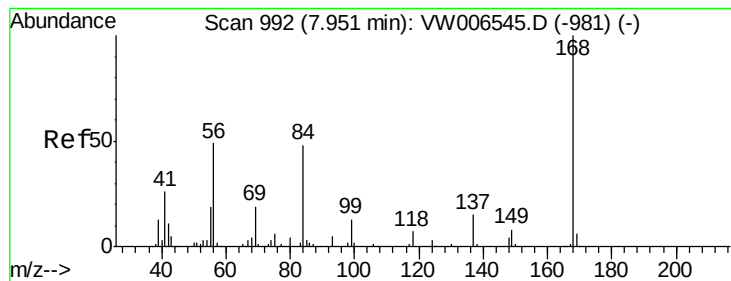
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW110518\
Data File : VW006636.D
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Operator : SY/AP
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
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Quant Time: Nov 06 01:22:54 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 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: VW006636.D

Acq: 05 Nov 2018 15:15

Instrument :

MSVOA_W

ClientSampleId :

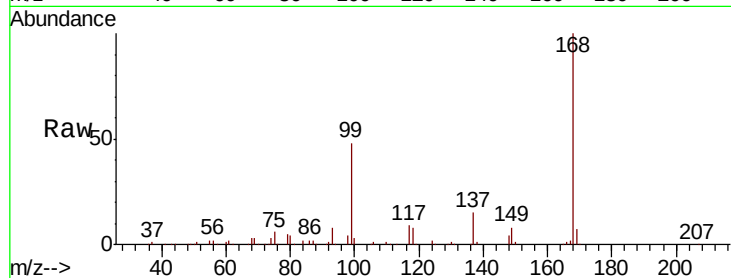
DL-08B

Tgt Ion:168 Resp: 222234

Ion Ratio Lower Upper

168 100

99 47.7 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

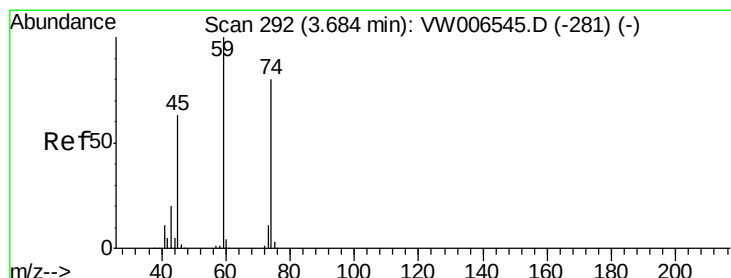
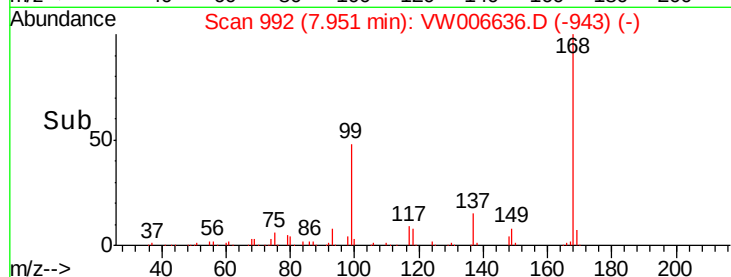
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 1.006 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VW006636.D

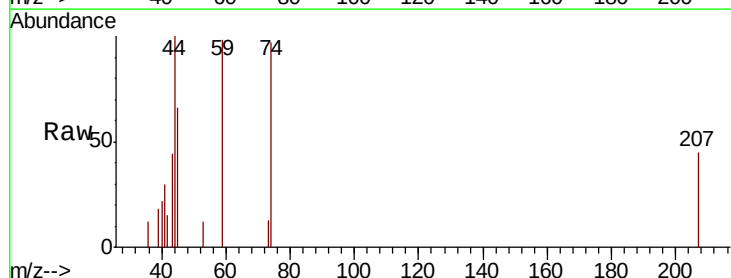
Acq: 05 Nov 2018 15:15

Tgt Ion: 74 Resp: 967

Ion Ratio Lower Upper

74 100

45 114.1 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

500

400

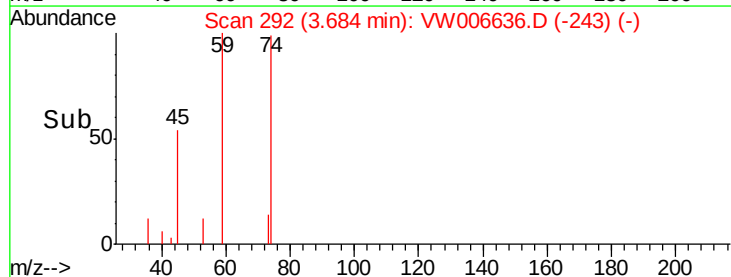
300

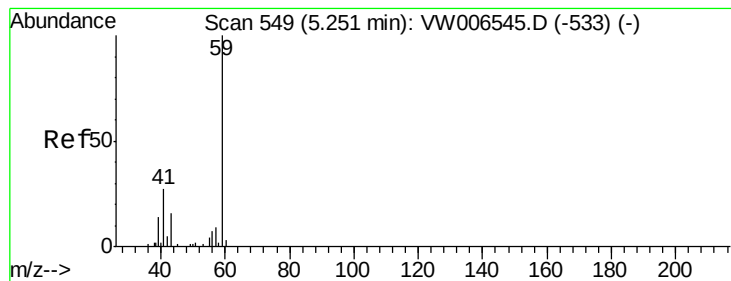
200

100

0

Time-->



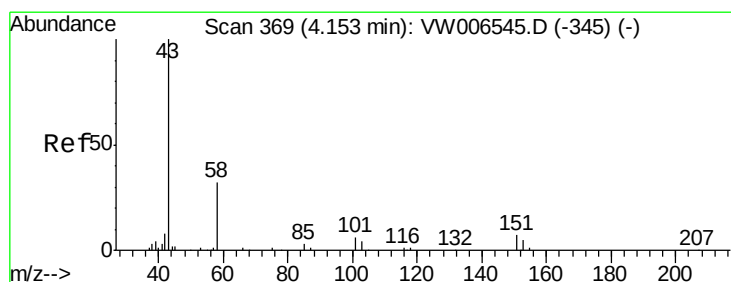
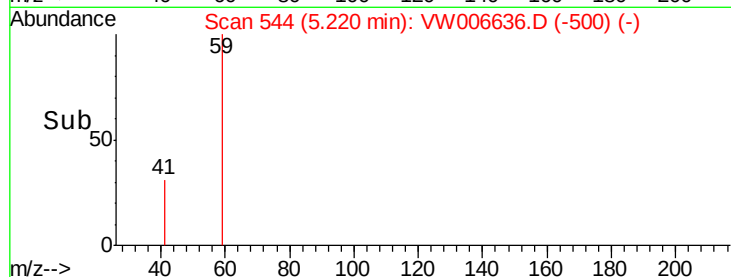
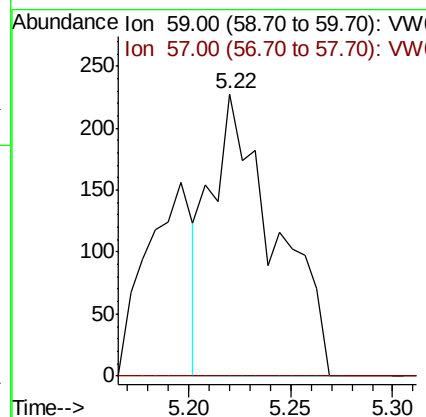
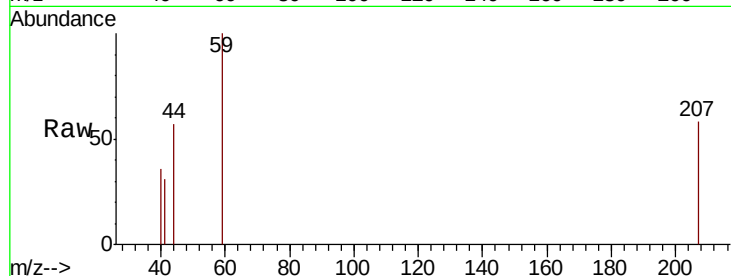


#11

Tert butyl alcohol
Concen: 4.809 ug/l
RT: 5.22 min Scan# 544
Delta R.T. -0.03 min
Lab File: VW006636.D
Acq: 05 Nov 2018 15:15

Instrument :
MSVOA_W
ClientSampled :
DL-08B

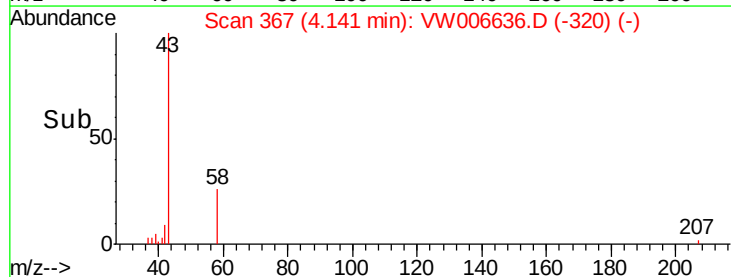
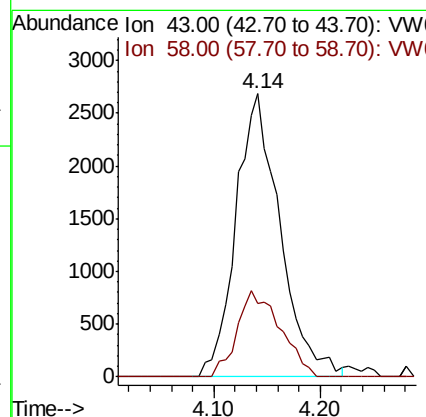
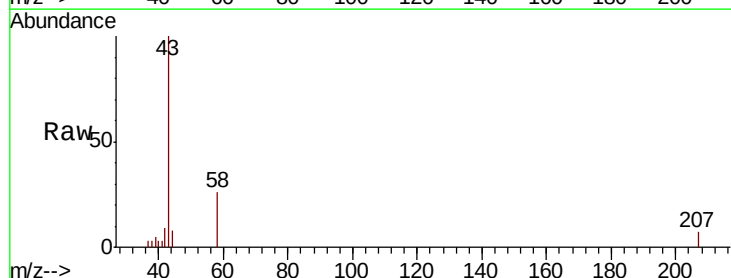
Tgt Ion: 59 Resp: 495
Ion Ratio Lower Upper
59 100
57 0.0 4.3 6.5#

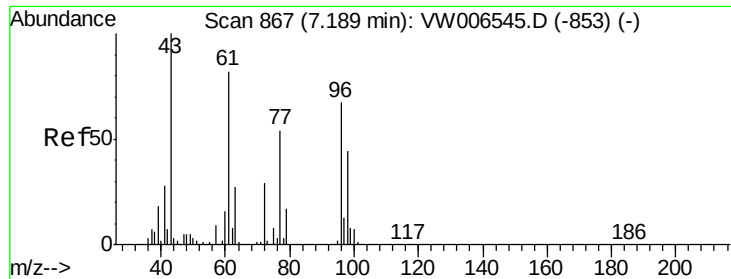


#16

Acetone
Concen: 25.332 ug/l
RT: 4.14 min Scan# 367
Delta R.T. -0.01 min
Lab File: VW006636.D
Acq: 05 Nov 2018 15:15

Tgt Ion: 43 Resp: 7813
Ion Ratio Lower Upper
43 100
58 26.0 25.8 38.8

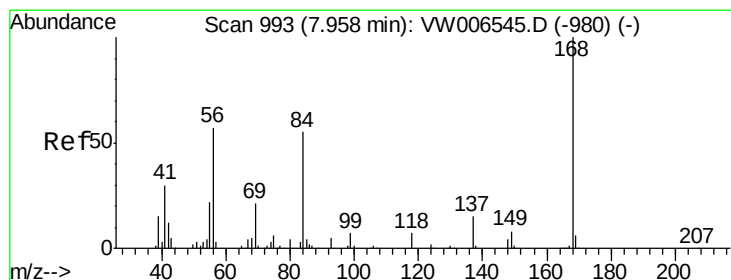
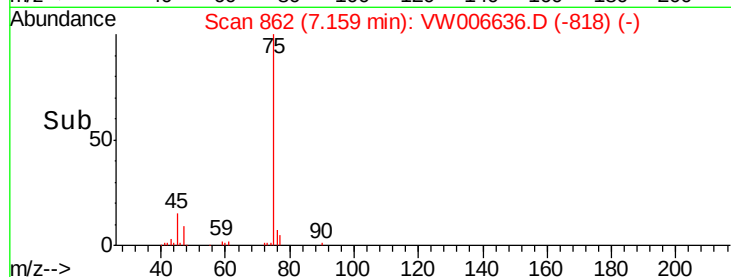
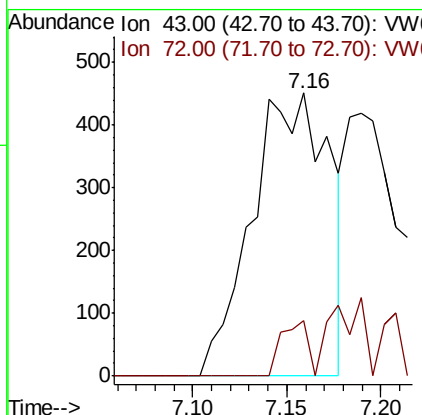
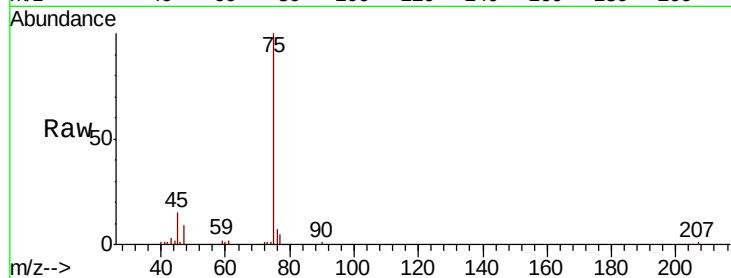




#25
2-Butanone
Concen: 2.922 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.03 min
Lab File: VW006636.D
Acq: 05 Nov 2018 15:15

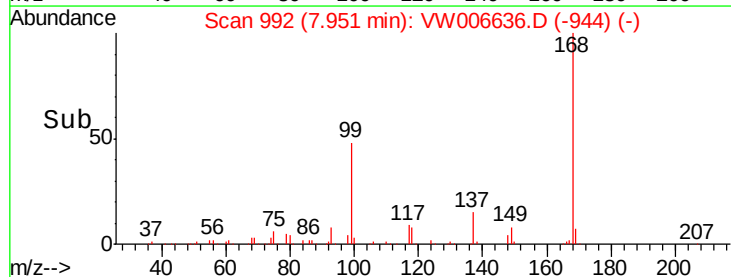
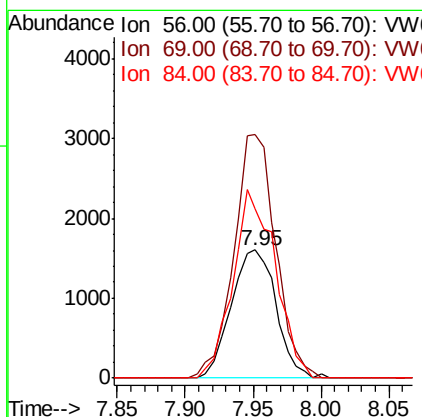
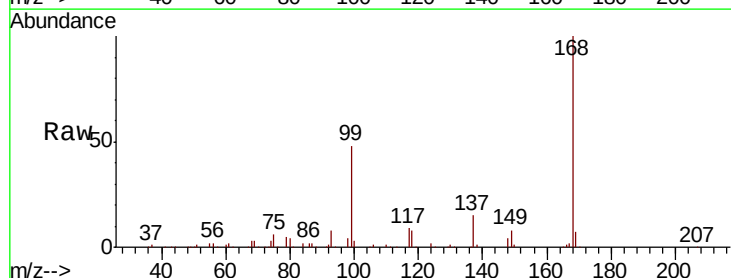
Instrument :
MSVOA_W
ClientSampled :
DL-08B

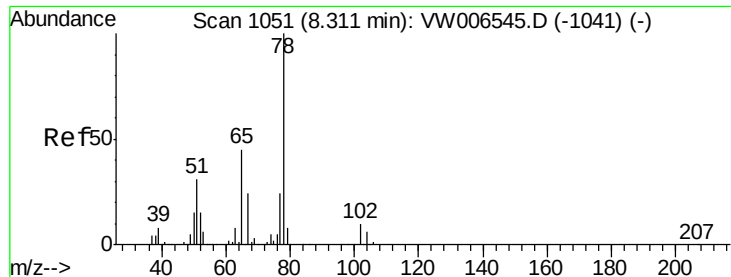
Tgt Ion: 43 Resp: 1286
Ion Ratio Lower Upper
43 100
72 19.5 23.2 34.8#



#31
Cyclohexane
Concen: 1.216 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006636.D
Acq: 05 Nov 2018 15:15

Tgt Ion: 56 Resp: 3701
Ion Ratio Lower Upper
56 100
69 189.7 29.0 43.4#
84 131.8 77.8 116.6#

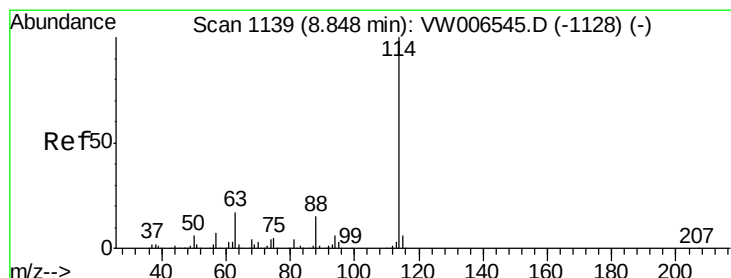
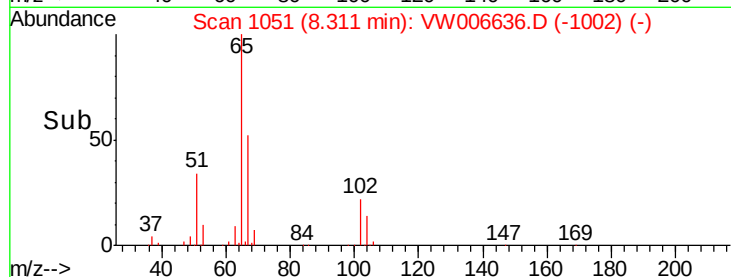
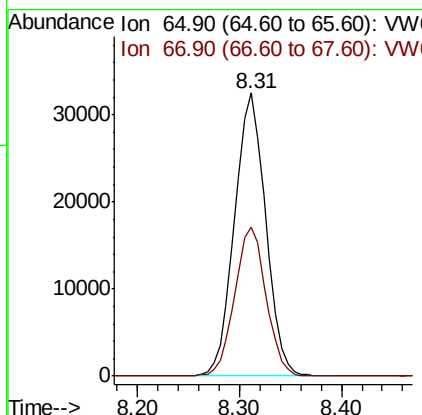
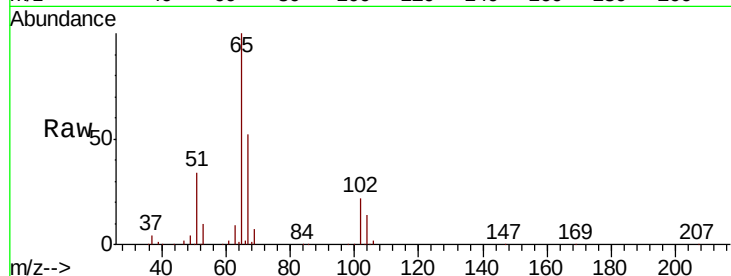




#33
 1,2-Dichloroethane-d4
 Concen: 36.083 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006636.D
 Acq: 05 Nov 2018 15:15

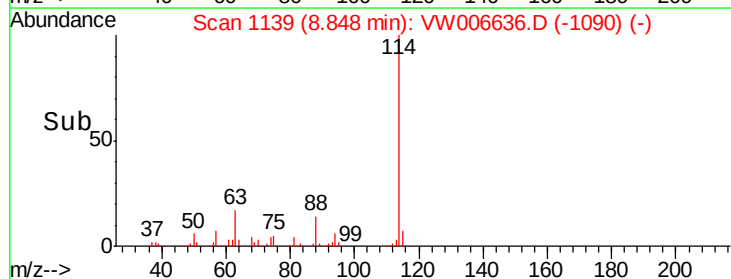
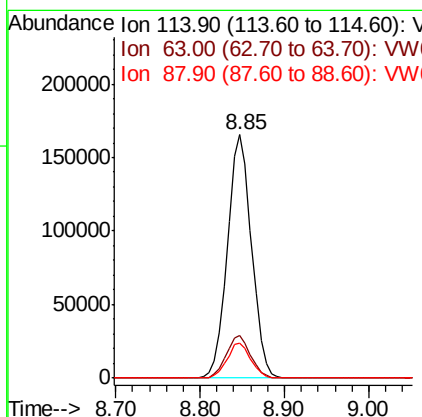
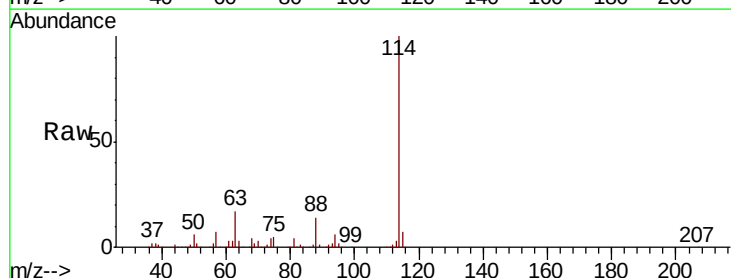
Instrument :
 MSVOA_W
 ClientSampled :
 DL-08B

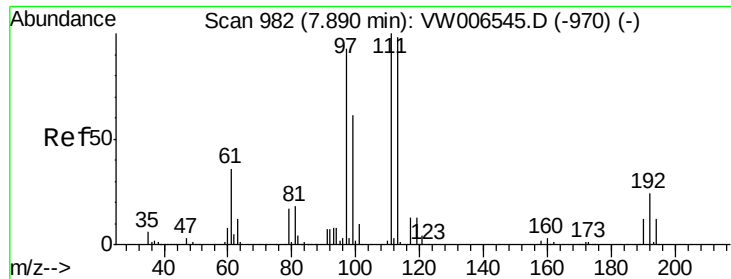
Tgt Ion: 65 Resp: 68930
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006636.D
 Acq: 05 Nov 2018 15:15

Tgt Ion: 114 Resp: 320480
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 34.4
 88 14.2 0.0 29.0

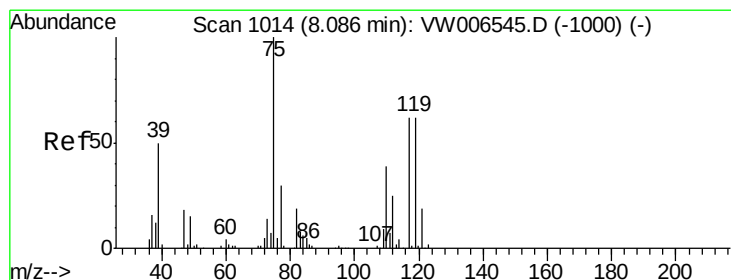
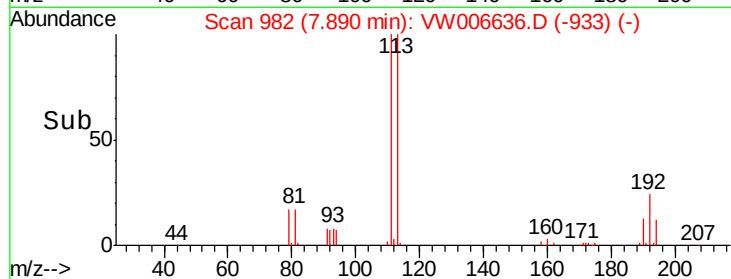
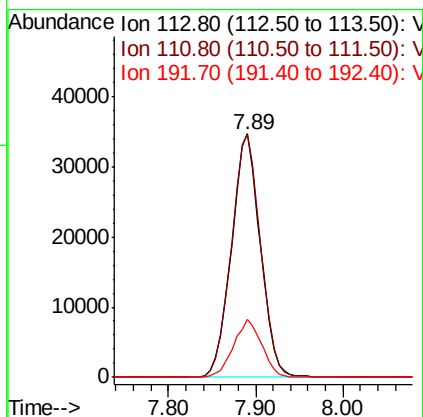
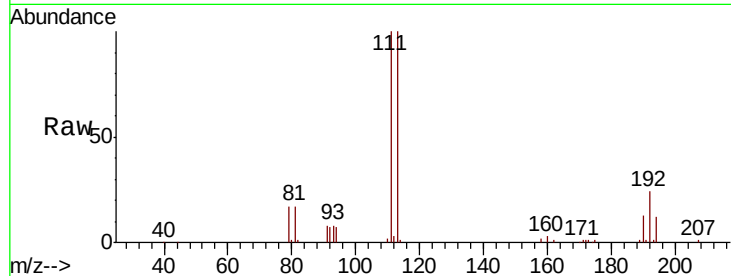




#35
 Dibromofluoromethane
 Concen: 39.590 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006636.D
 Acq: 05 Nov 2018 15:15

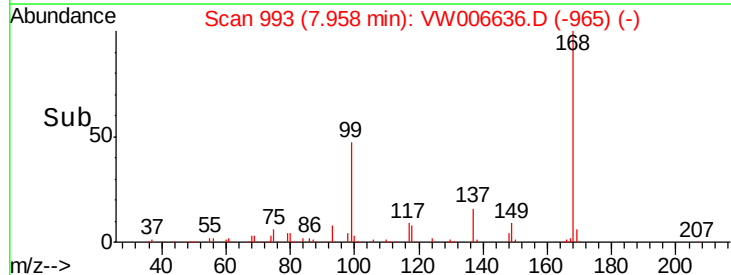
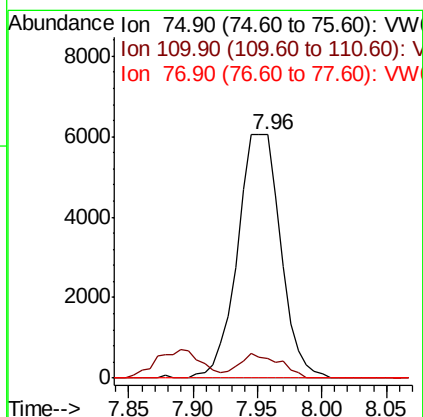
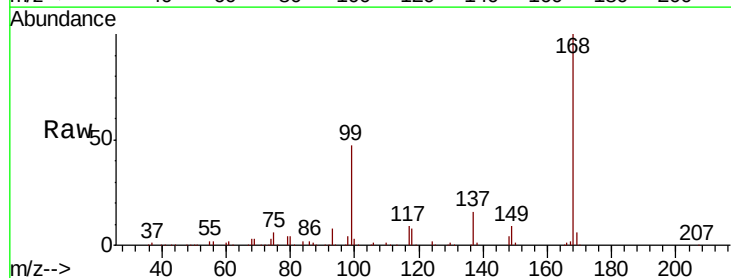
Instrument :
 MSVOA_W
 ClientSampleId :
 DL-08B

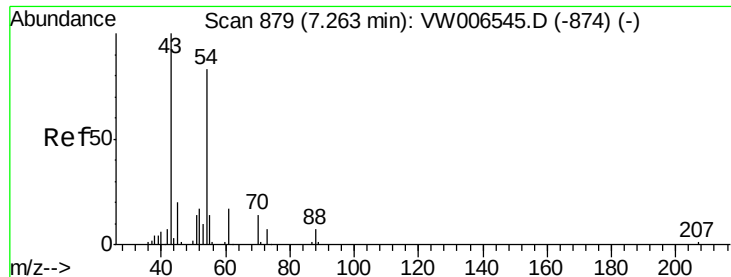
Tgt Ion:113 Resp: 79627
 Ion Ratio Lower Upper
 113 100
 111 101.1 82.2 123.2
 192 23.3 19.0 28.6



#36
 1,1-Dichloropropene
 Concen: 4.998 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VW006636.D
 Acq: 05 Nov 2018 15:15

Tgt Ion: 75 Resp: 14087
 Ion Ratio Lower Upper
 75 100
 110 9.6 19.5 58.5#
 77 0.0 24.6 37.0#





#37

Ethyl Acetate

Concen: 1.317 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.10 min

Lab File: VW006636.D

Acq: 05 Nov 2018 15:15

Instrument :

MSVOA_W

ClientSampleId :

DL-08B

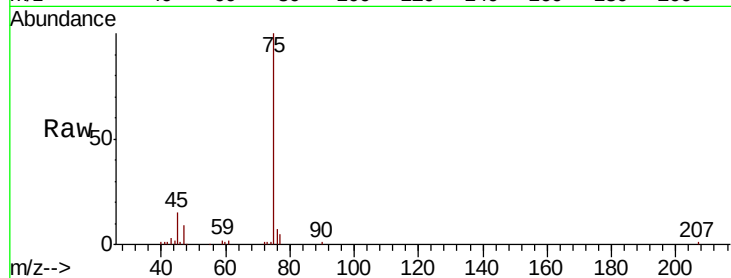
Tgt Ion: 43 Resp: 1286

Ion Ratio Lower Upper

43 100

61 88.3 12.1 18.1#

70 0.0 9.8 14.6#



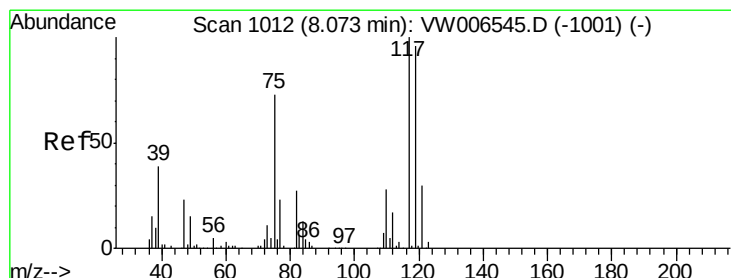
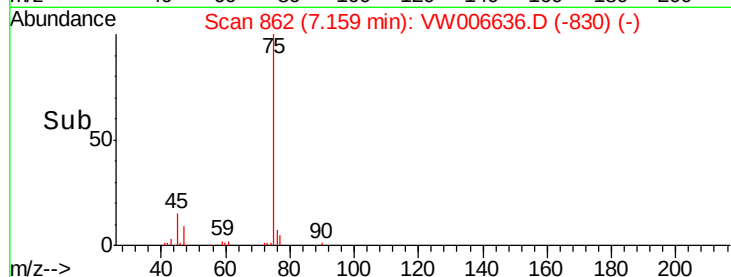
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW

7.16

Time-->



#38

Carbon Tetrachloride

Concen: 6.641 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006636.D

Acq: 05 Nov 2018 15:15

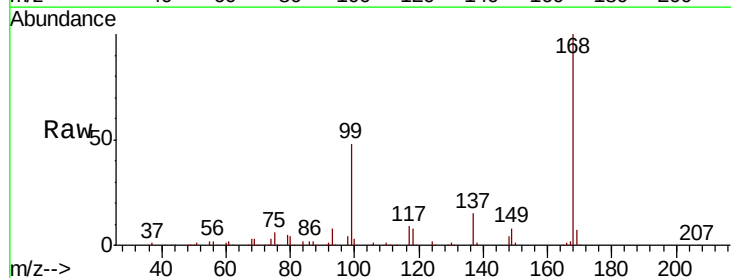
Tgt Ion: 117 Resp: 19557

Ion Ratio Lower Upper

117 100

119 5.5 76.3 114.5#

121 0.0 24.1 36.1#



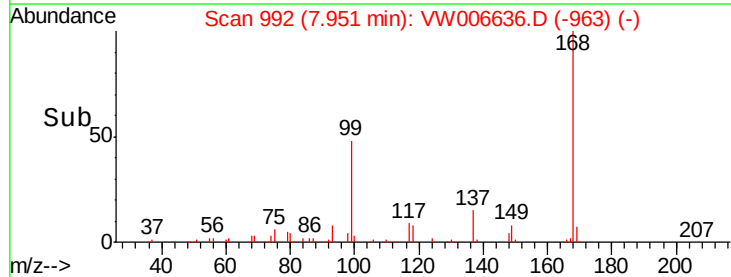
Abundance Ion 116.80 (116.50 to 117.50): V

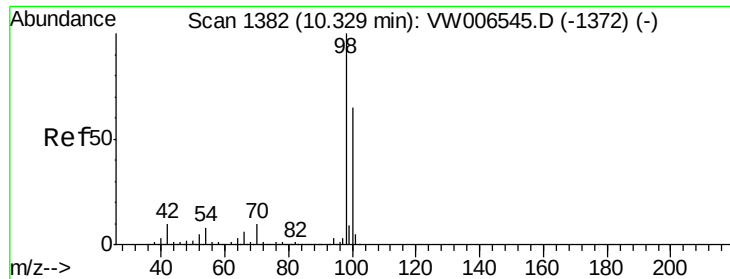
Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

7.95

Time-->





#50

Toluene-d8

Concen: 36.258 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006636.D

Acq: 05 Nov 2018 15:15

Instrument :

MSVOA_W

ClientSampleId :

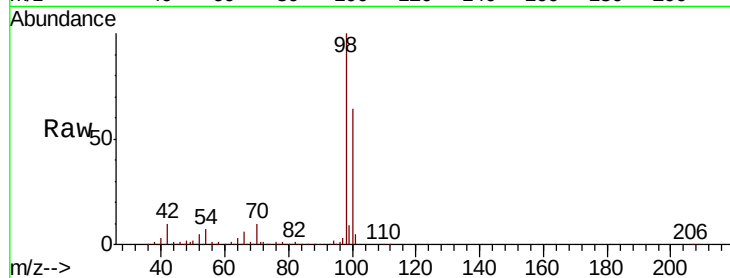
DL-08B

Tgt Ion: 98 Resp: 277613

Ion Ratio Lower Upper

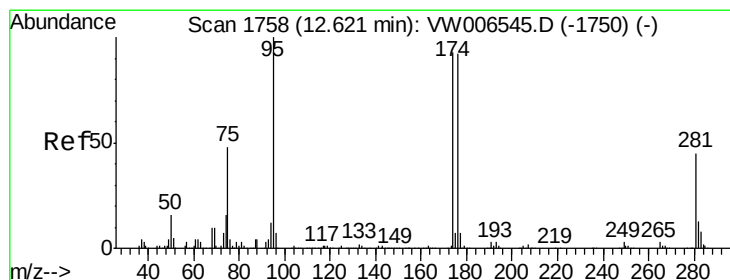
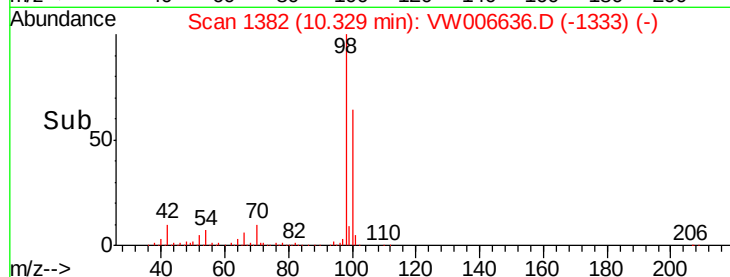
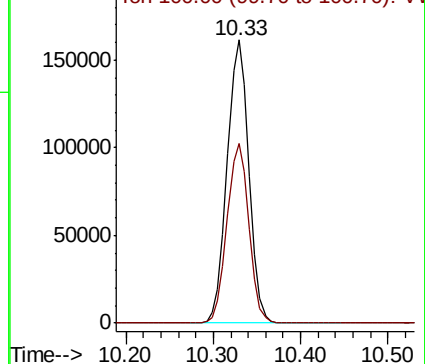
98 100

100 63.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 29.781 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006636.D

Acq: 05 Nov 2018 15:15

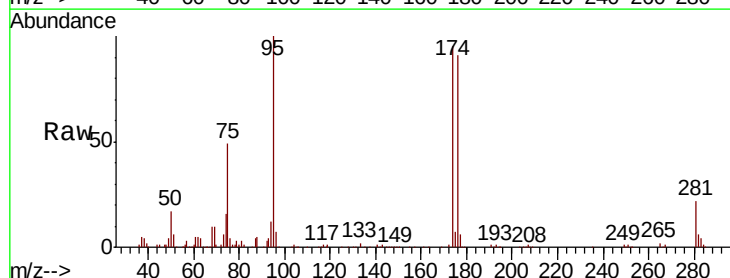
Tgt Ion: 95 Resp: 82666

Ion Ratio Lower Upper

95 100

174 100.1 0.0 192.4

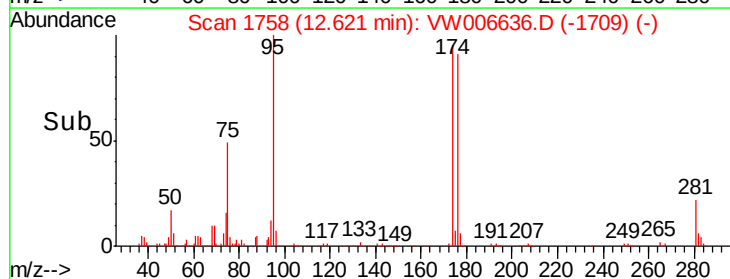
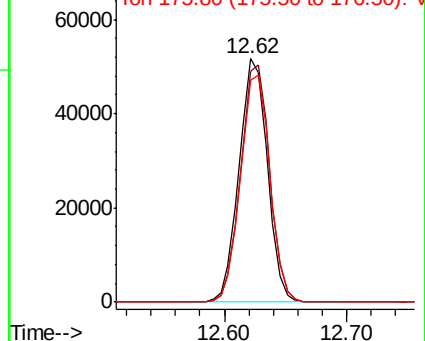
176 96.9 0.0 187.4

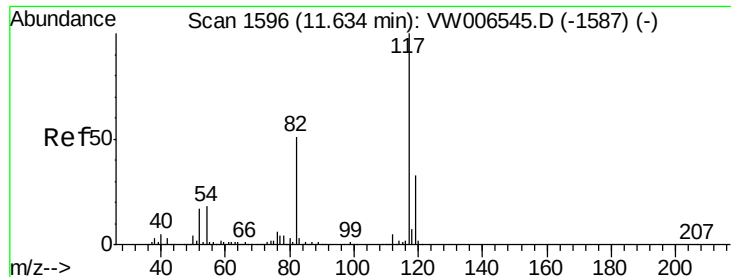


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

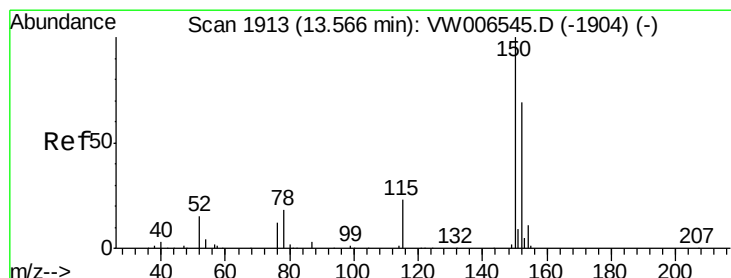
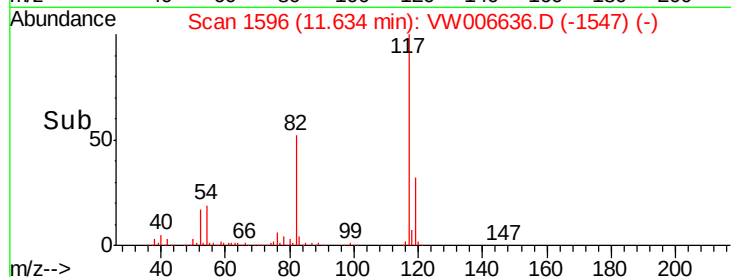
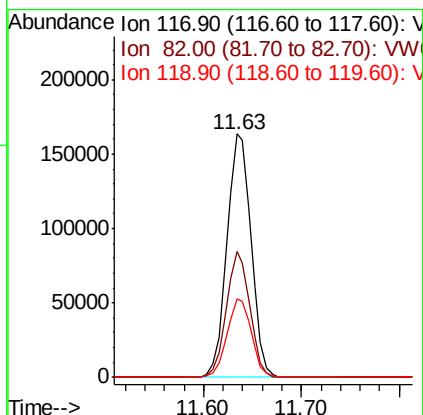
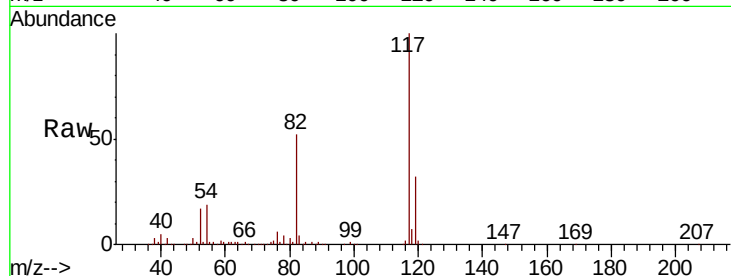




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006636.D
Acq: 05 Nov 2018 15:15

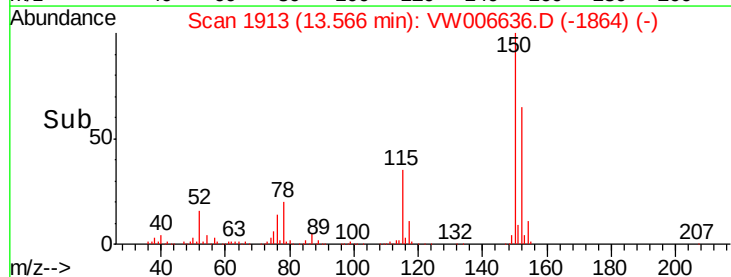
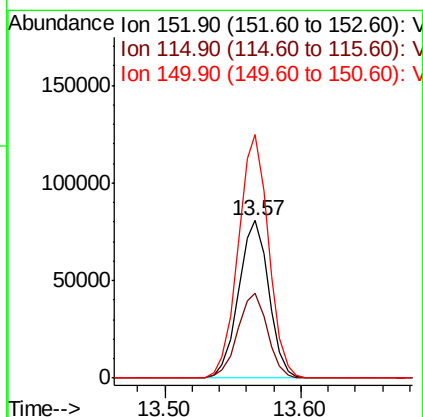
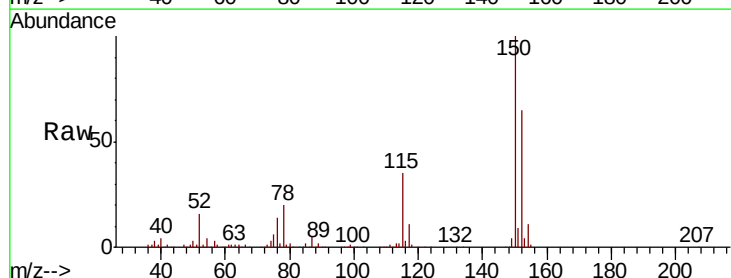
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MSVOA_W
ClientSampleId :
DL-08B

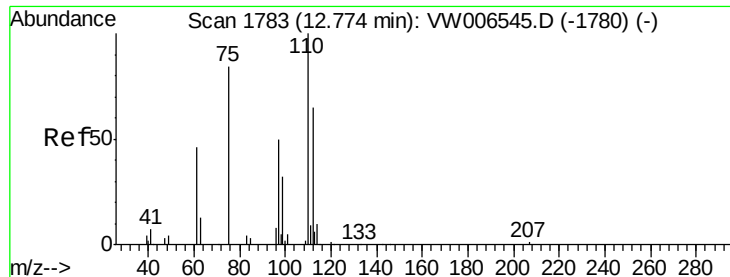
Tgt Ion:117 Resp: 279259
Ion Ratio Lower Upper
117 100
82 51.7 40.8 61.2
119 32.4 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006636.D
Acq: 05 Nov 2018 15:15

Tgt Ion:152 Resp: 125063
Ion Ratio Lower Upper
152 100
115 53.0 26.6 79.8
150 154.6 0.0 344.6





#76

1,2,3-Trichloropropane

Concen: 41.837 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006636.D

Acq: 05 Nov 2018 15:15

Instrument :

MSVOA_W

ClientSampleId :

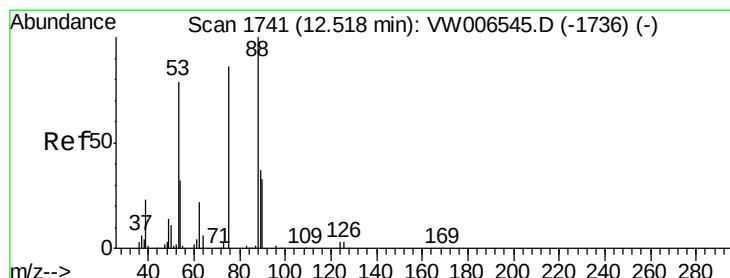
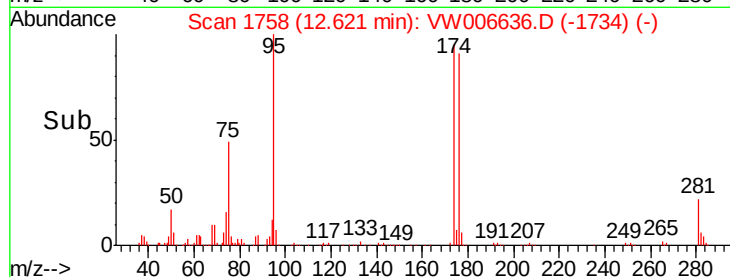
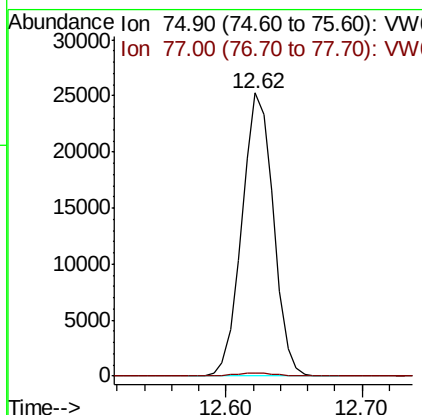
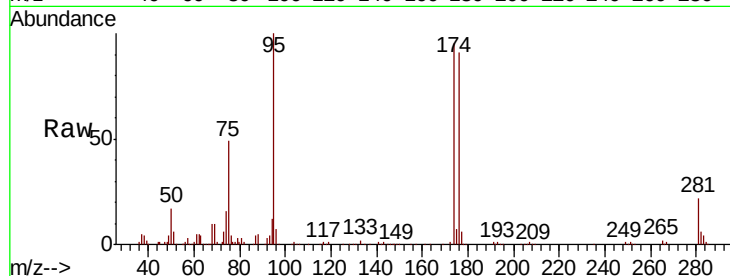
DL-08B

Tgt Ion: 75 Resp: 40824

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 105.242 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006636.D

Acq: 05 Nov 2018 15:15

Tgt Ion: 75 Resp: 40824

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.1 38.6 58.0#

