

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092418\
 Data File : VW005585.D
 Acq On : 24 Sep 2018 15:22
 Operator : VA/AP
 Sample : J4777-31
 Misc : 6.26G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-04-092018-D

Quant Time: Sep 25 04:57:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	214663	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	331015	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	309995	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	122198	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	72896	28.83	ug/l	0.00
Spiked Amount						
			Recovery	=	57.66%	
35) Dibromofluoromethane	7.88	113	61860	29.72	ug/l	0.00
Spiked Amount						
			Recovery	=	59.44%	
50) Toluene-d8	10.33	98	219733	25.92	ug/l	0.00
Spiked Amount						
			Recovery	=	51.84%	
62) 4-Bromofluorobenzene	12.63	95	71354	22.75	ug/l	0.00
Spiked Amount						
			Recovery	=	45.50%	

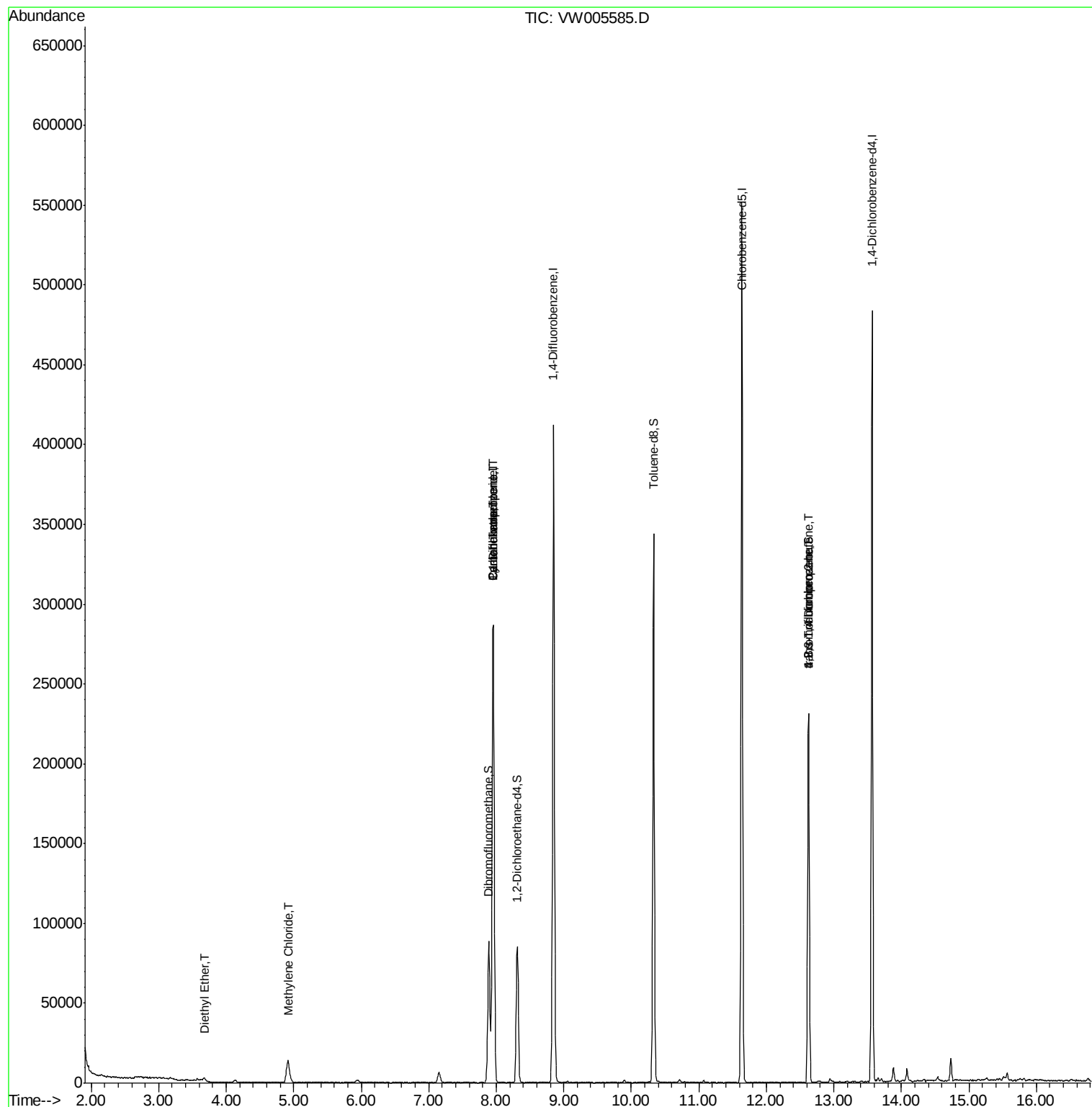
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	1132	1.074	ug/l	89
11) Tert butyl alcohol	5.18	59	70	Below Cal	#	72
16) Acetone	4.13	43	2981	Below Cal		99
20) Methylene Chloride	4.92	84	11056	1.017	ug/l	92
31) Cyclohexane	7.96	56	4766	1.216	ug/l #	10
36) 1,1-Dichloropropene	7.95	75	16484	4.947	ug/l #	51
38) Carbon Tetrachloride	7.96	117	21520	6.027	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	37341	35.848	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	37341	80.740	ug/l #	7

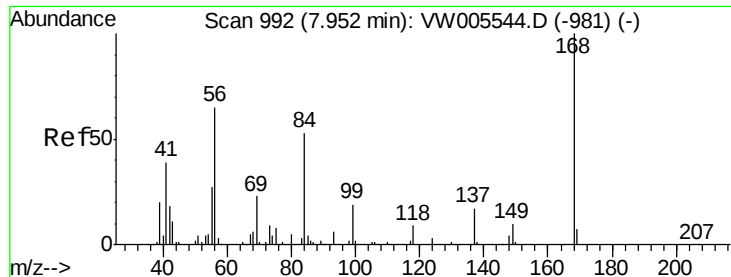
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 21 09:05:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW005585.D

Acq: 24 Sep 2018 15:22

Instrument :

MSVOA_W

ClientSampleId :

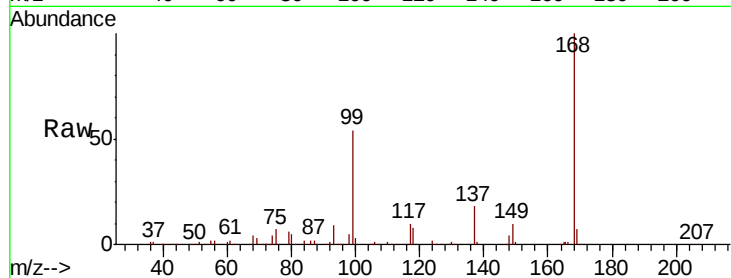
PL-04-092018-D

Tot Ion:168 Resp: 214663

Ion Ratio Lower Upper

168 100

99 53.8 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

100000

80000

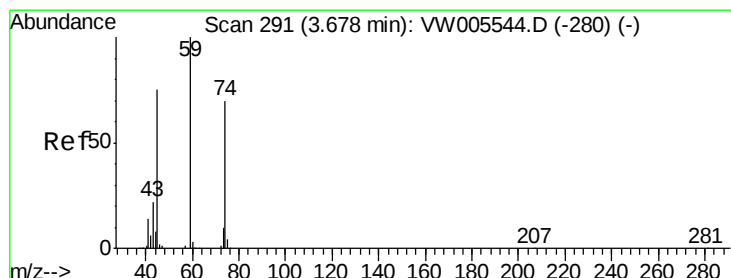
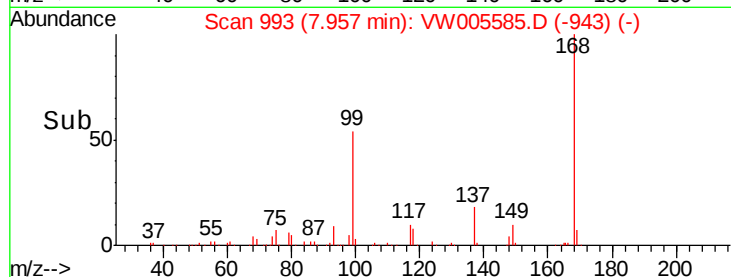
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 1.074 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VW005585.D

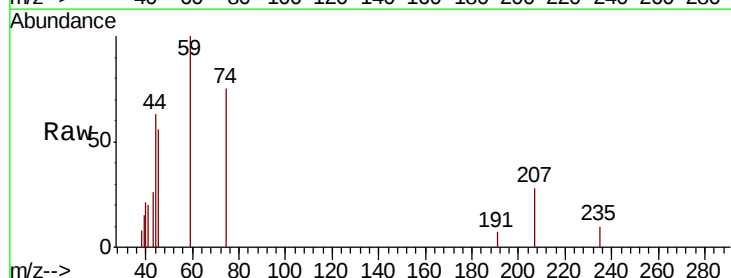
Acq: 24 Sep 2018 15:22

Tgt Ion: 74 Resp: 1132

Ion Ratio Lower Upper

74 100

45 114.4 51.7 155.2



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

600

500

400

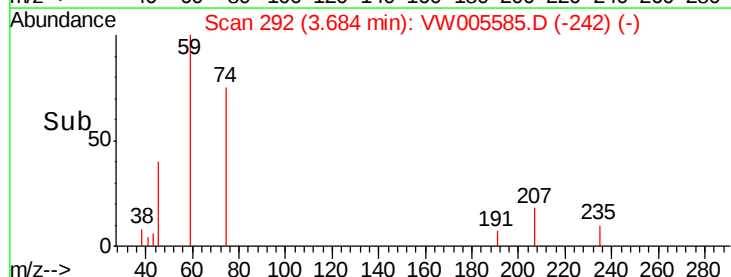
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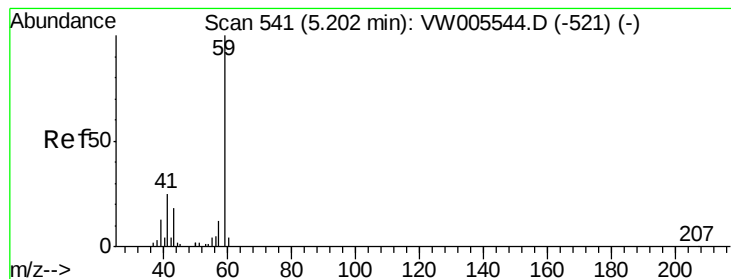
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100

0

Time-->



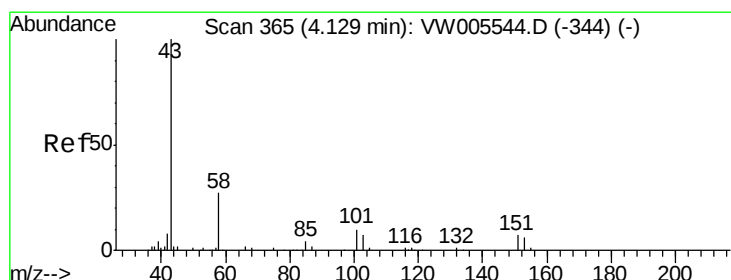
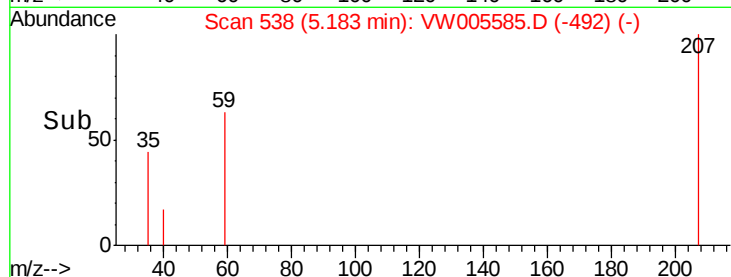
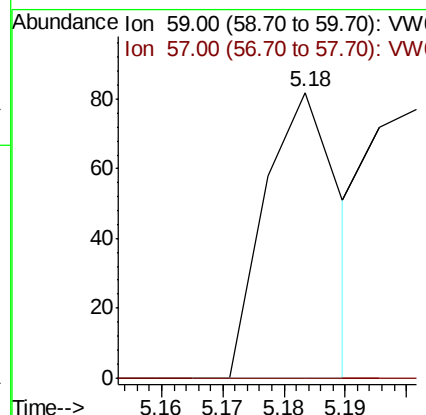
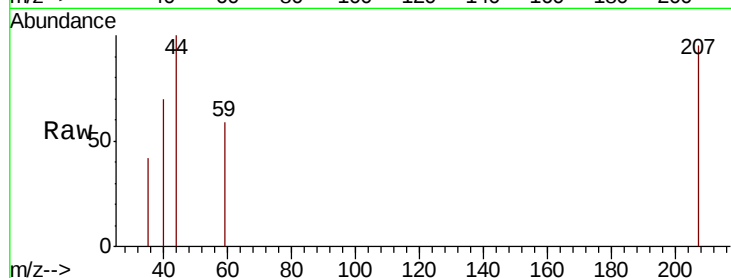


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.18 min Scan# 538
 Delta R.T. -0.02 min
 Lab File: VW005585.D
 Acq: 24 Sep 2018 15:22

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-04-092018-D

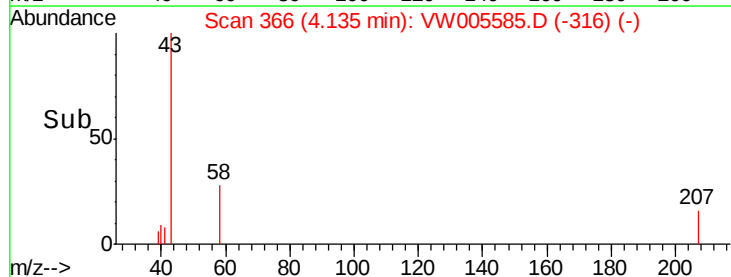
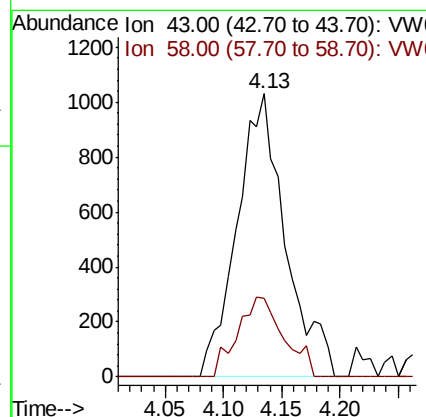
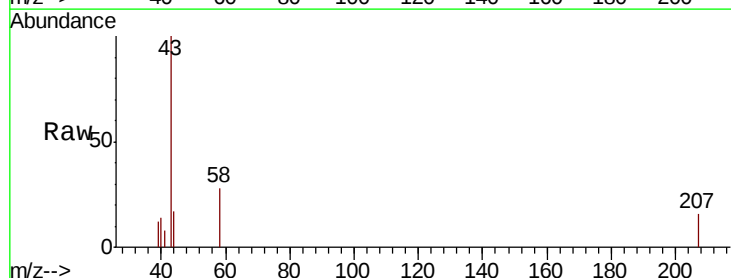
Tot Ion: 59 Resp: 70
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

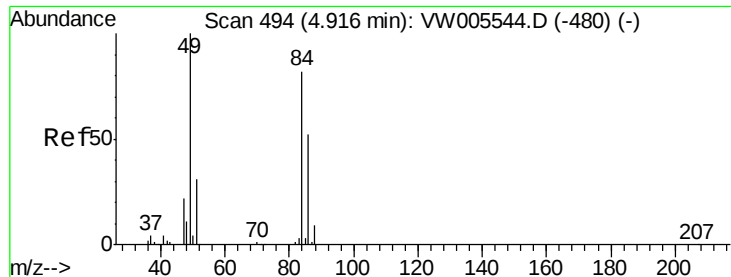


#16

Acetone
 Concen: Below Cal
 RT: 4.13 min Scan# 366
 Delta R.T. 0.01 min
 Lab File: VW005585.D
 Acq: 24 Sep 2018 15:22

Tgt Ion: 43 Resp: 2981
 Ion Ratio Lower Upper
 43 100
 58 27.7 21.8 32.8

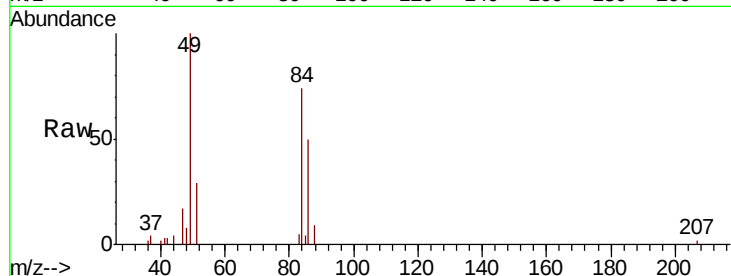




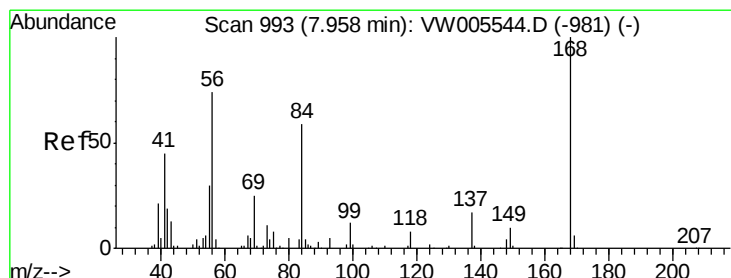
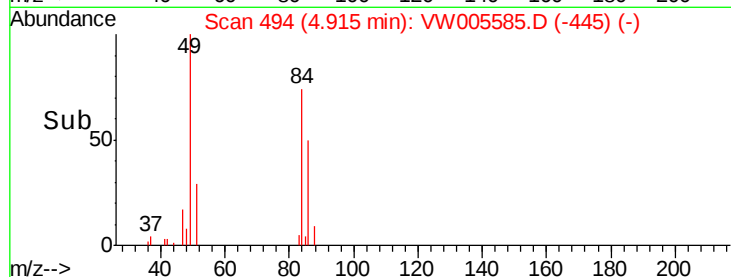
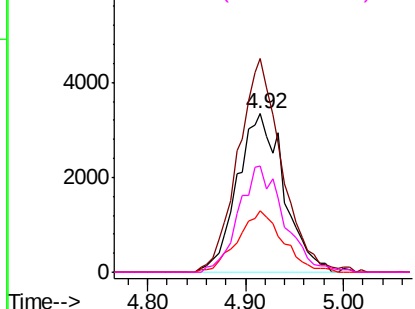
#20
Methvlene Chloride
Concen: 1.017 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW005585.D
Acq: 24 Sep 2018 15:22

Instrument :
MSVOA_W
ClientSampleId :
PL-04-092018-D

Tot Ion: 84 Resp: 11056
Ion Ratio Lower Upper
84 100
49 134.7 97.0 145.6
51 39.0 30.2 45.2
86 66.9 50.2 75.4

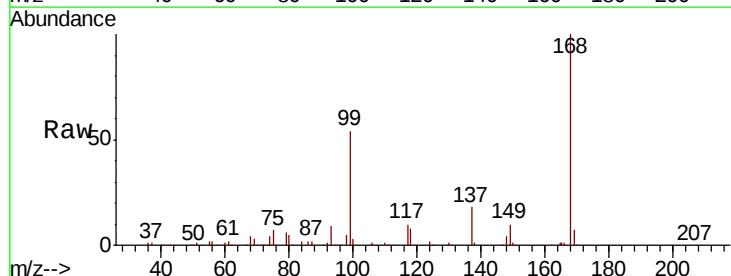


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

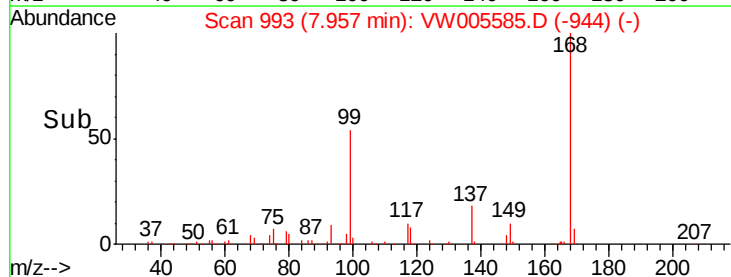
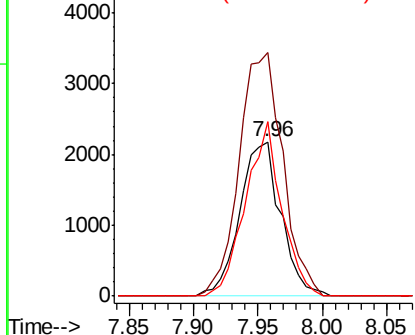


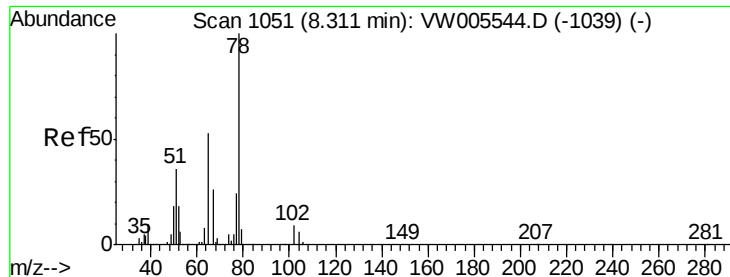
#31
Cyclohexane
Concen: 1.216 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW005585.D
Acq: 24 Sep 2018 15:22

Tgt Ion: 56 Resp: 4766
Ion Ratio Lower Upper
56 100
69 158.1 27.0 40.4#
84 113.0 64.2 96.4#



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

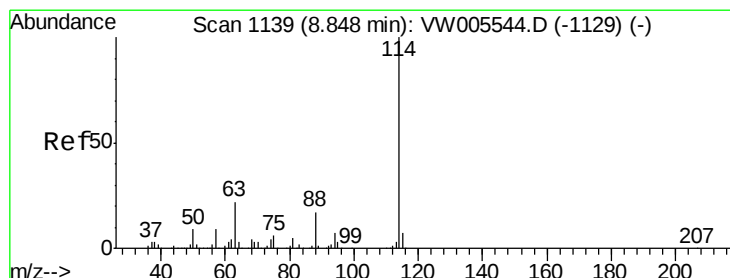
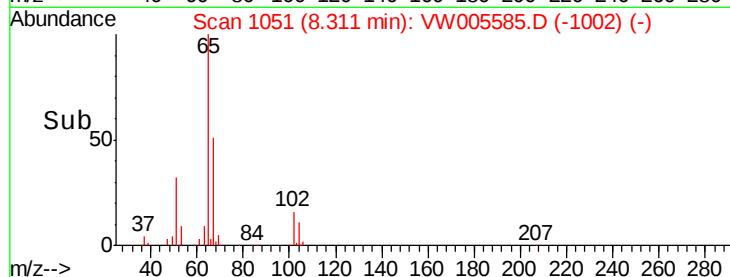
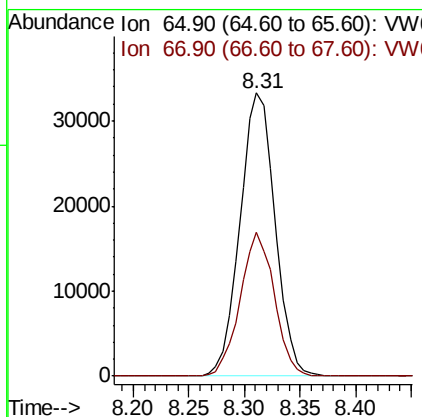
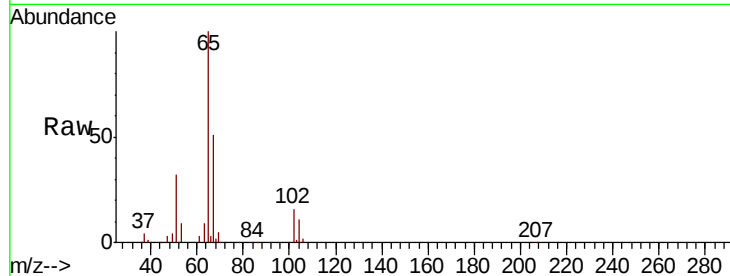




#33
 1,2-Dichloroethane-d4
 Concen: 28.825 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005585.D
 Acq: 24 Sep 2018 15:22

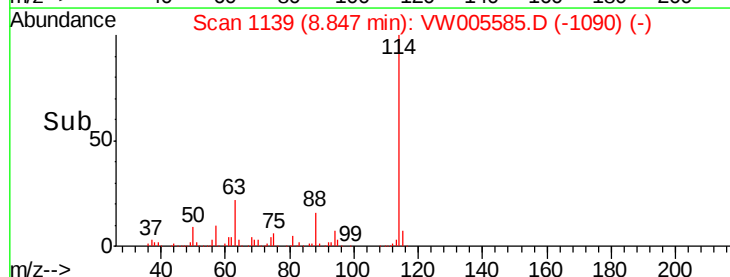
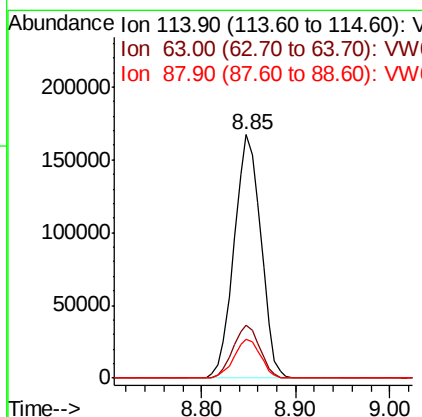
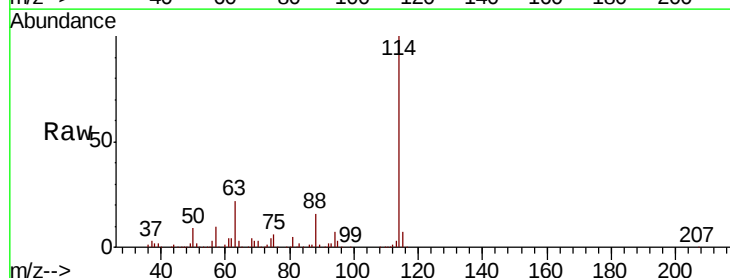
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 PL-04-092018-D

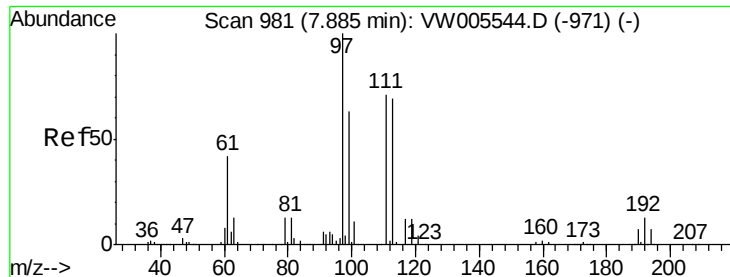
Tot Ion: 65 Resp: 72896
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005585.D
 Acq: 24 Sep 2018 15:22

Tgt Ion: 114 Resp: 331015
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.0
 88 15.8 0.0 33.0

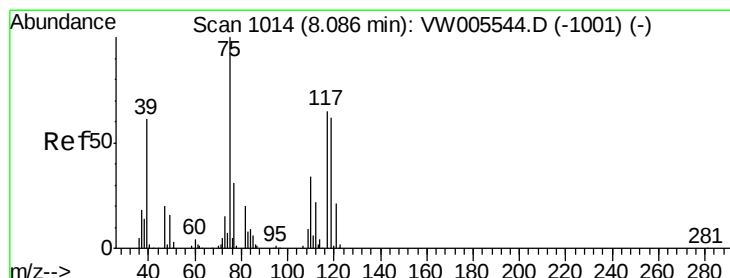
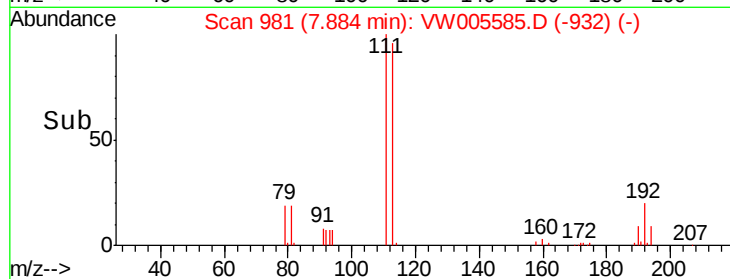
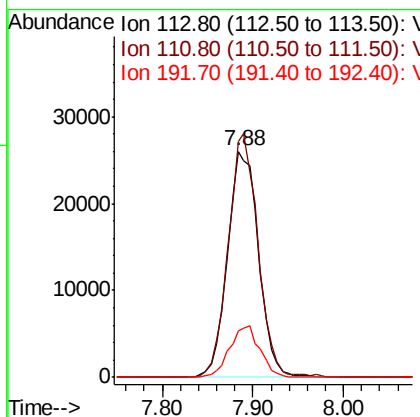
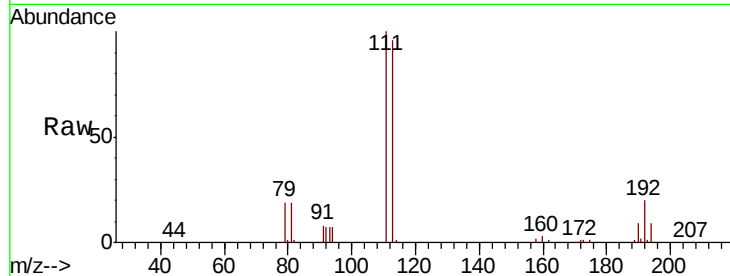




#35
 Dibromofluoromethane
 Concen: 29.717 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW005585.D
 Acq: 24 Sep 2018 15:22

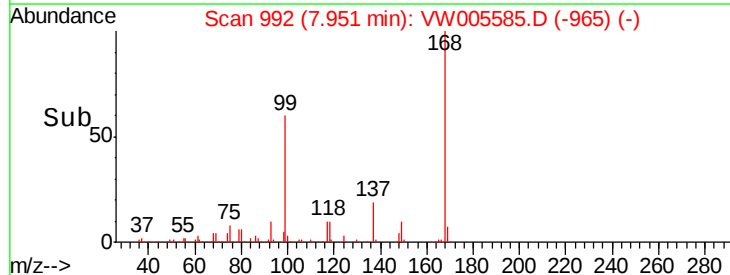
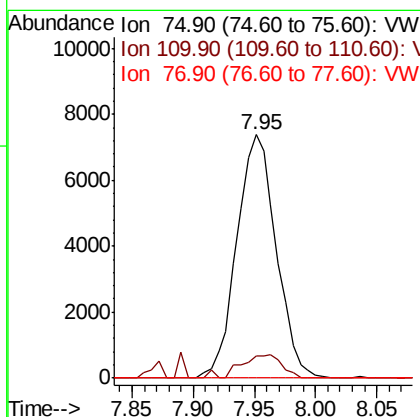
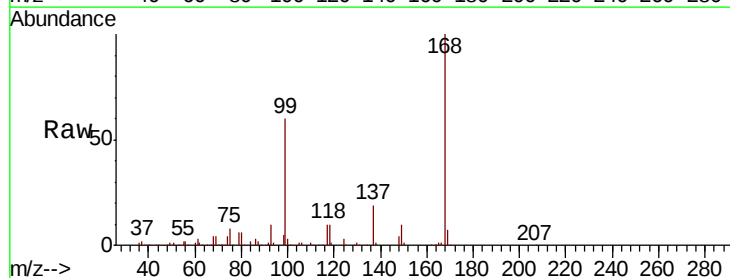
Instrument :
 MSVOA_W
 ClientSampleId :
 PL-04-092018-D

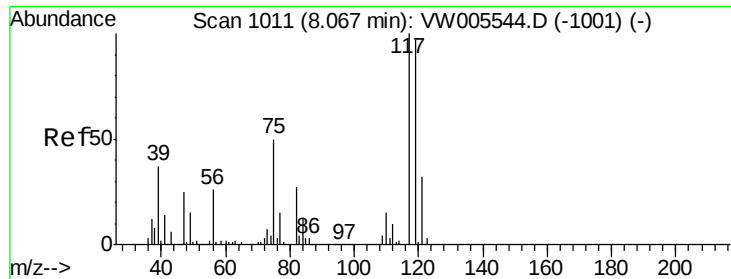
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.6	123.8
192	21.9	17.0	25.4



#36
 1,1-Dichloropropene
 Concen: 4.947 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW005585.D
 Acq: 24 Sep 2018 15:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.6	17.0	50.9#
77	0.0	24.8	37.2#

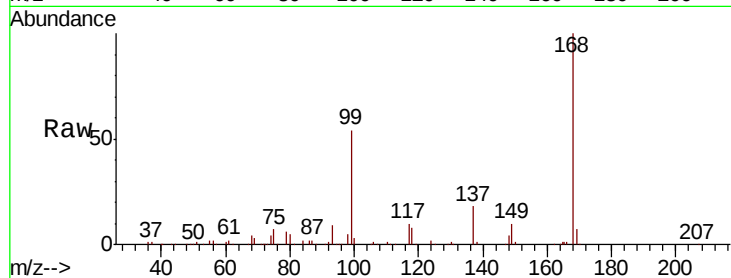




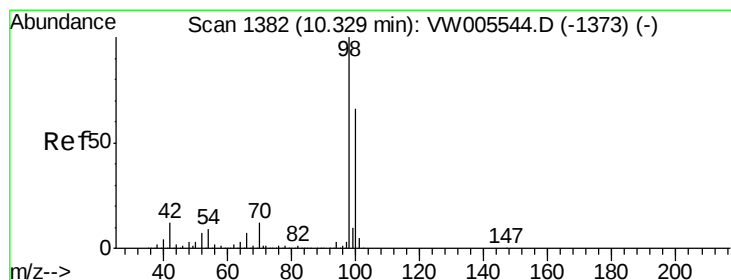
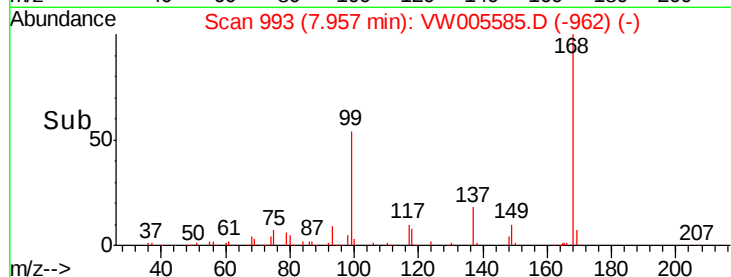
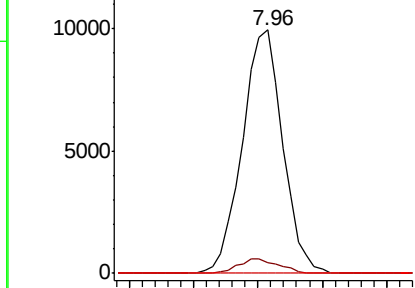
#38
Carbon Tetrachloride
Concen: 6.027 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.11 min
Lab File: VW005585.D
Acq: 24 Sep 2018 15:22

Instrument :
MSVOA_W
ClientSampleId :
PL-04-092018-D

Tot Ion:117 Resp: 21520
Ion Ratio Lower Upper
117 100
119 4.5 77.6 116.4#
121 0.0 25.7 38.5#

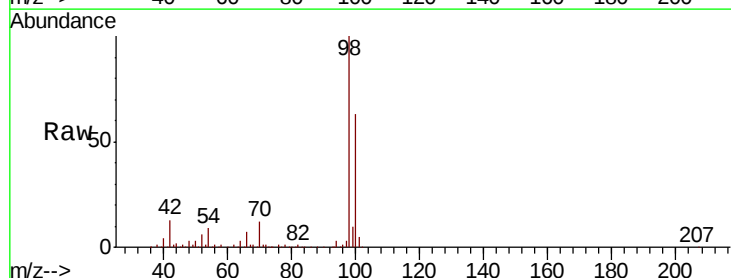


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

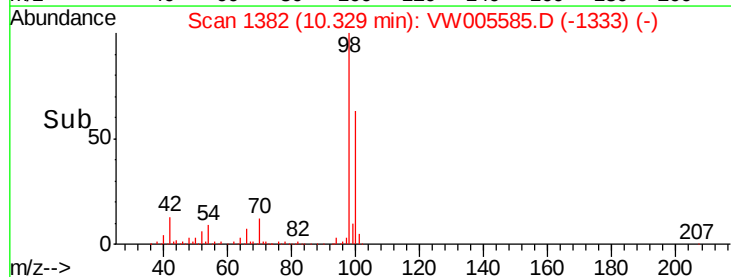
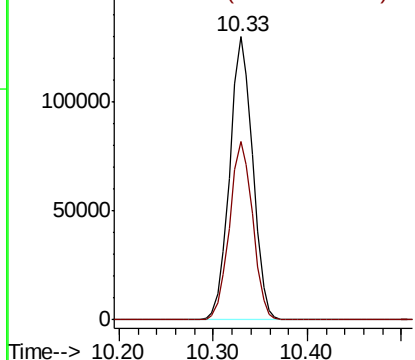


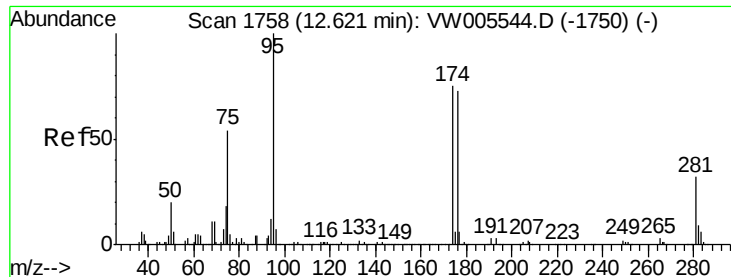
#50
Toluene-d8
Concen: 25.924 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005585.D
Acq: 24 Sep 2018 15:22

Tgt Ion: 98 Resp: 219733
Ion Ratio Lower Upper
98 100
100 63.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V

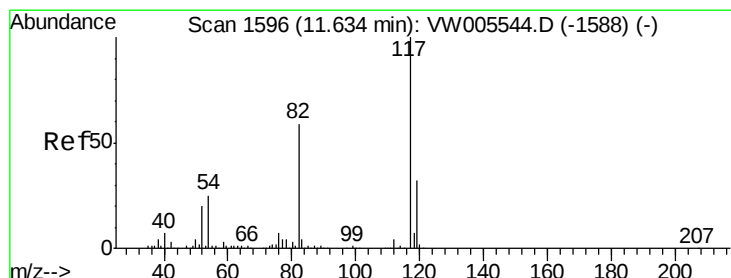
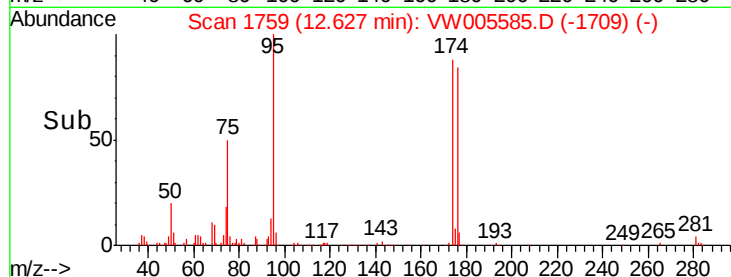
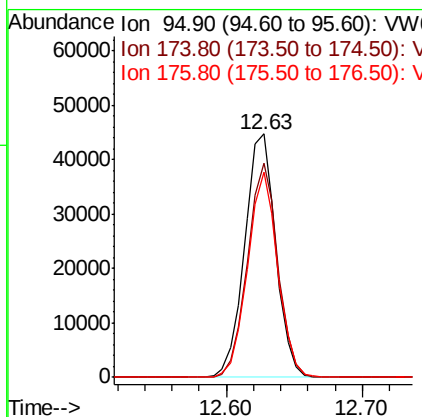
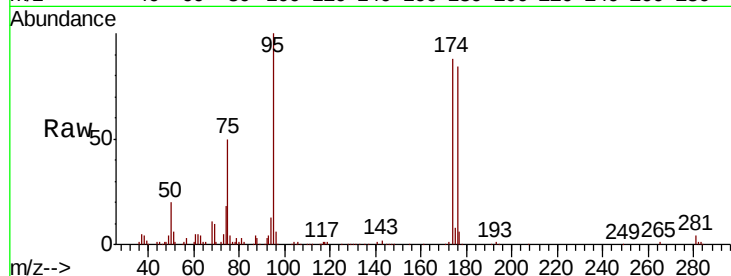




#62
4-Bromofluorobenzene
Concen: 22.751 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. 0.01 min
Lab File: VW005585.D
Acq: 24 Sep 2018 15:22

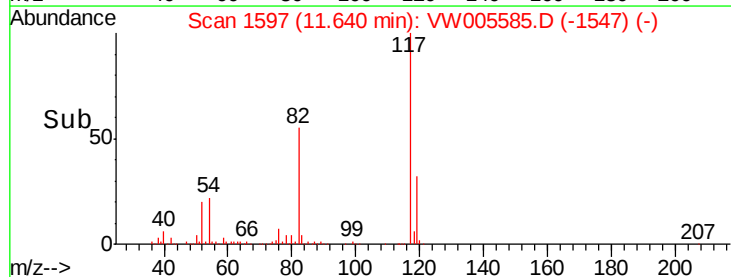
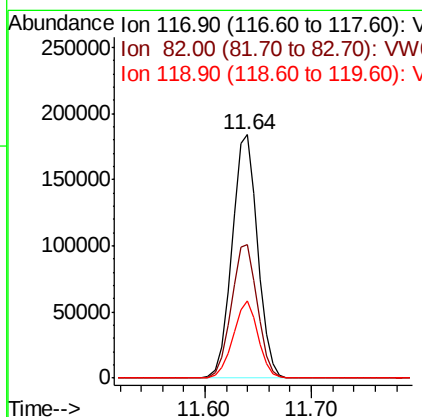
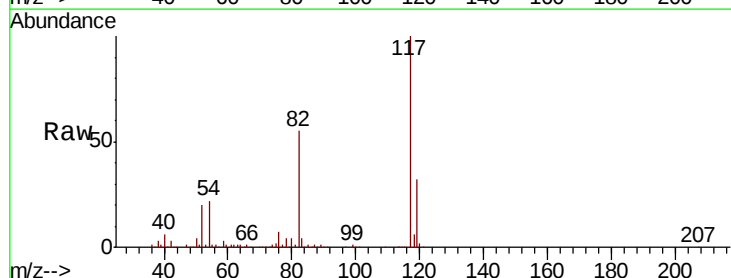
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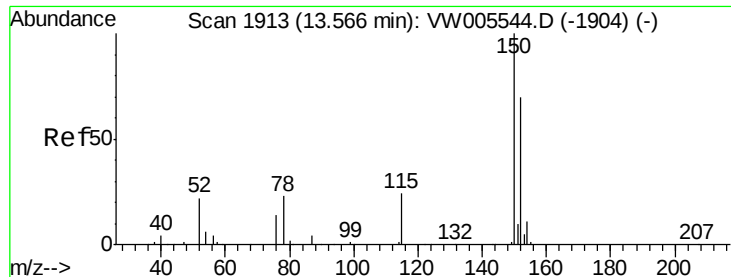
Tot Ion: 95 Resp: 71354
Ion Ratio Lower Upper
95 100
174 86.3 0.0 163.8
176 82.0 0.0 158.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW005585.D
Acq: 24 Sep 2018 15:22

Tgt Ion: 117 Resp: 309995
Ion Ratio Lower Upper
117 100
82 55.1 46.9 70.3
119 31.8 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005585.D

Acq: 24 Sep 2018 15:22

Instrument :

MSVOA_W

ClientSampleId :

PL-04-092018-D

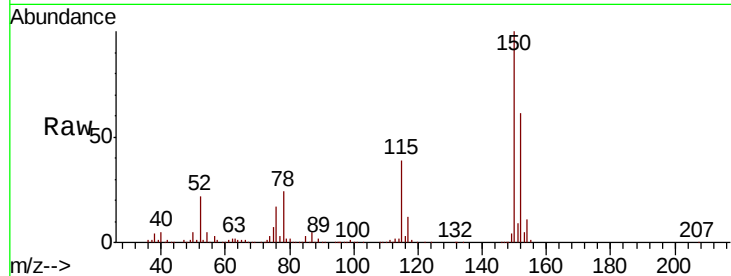
Tot Ion:152 Resp: 122198

Ion Ratio Lower Upper

152 100

115 59.9 30.0 90.0

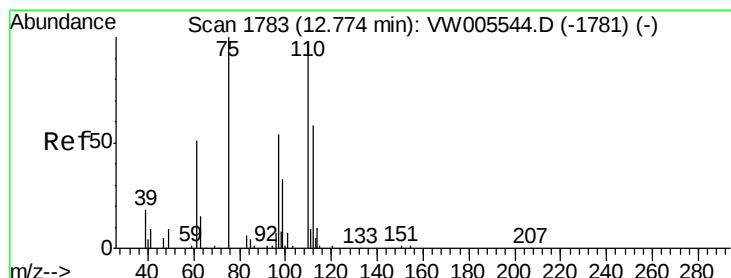
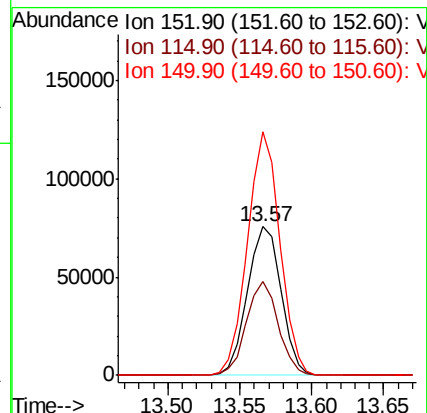
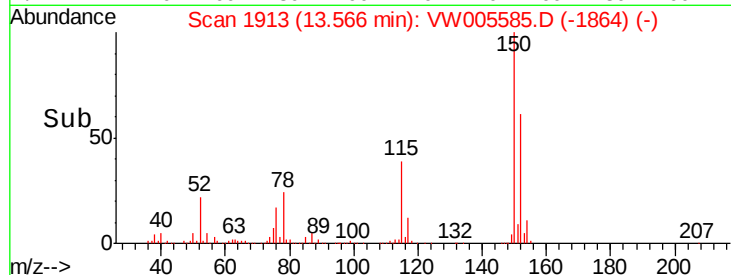
150 157.7 0.0 348.6



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: 35.848 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005585.D

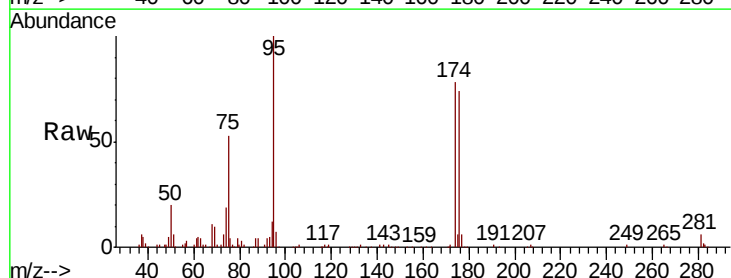
Acq: 24 Sep 2018 15:22

Tgt Ion: 75 Resp: 37341

Ion Ratio Lower Upper

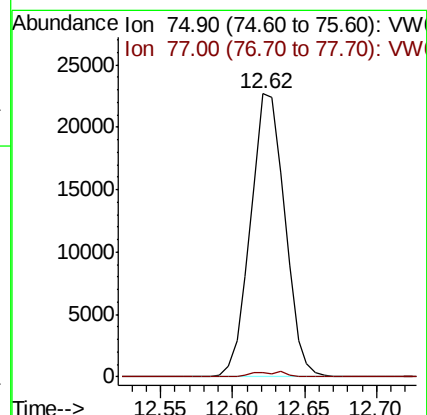
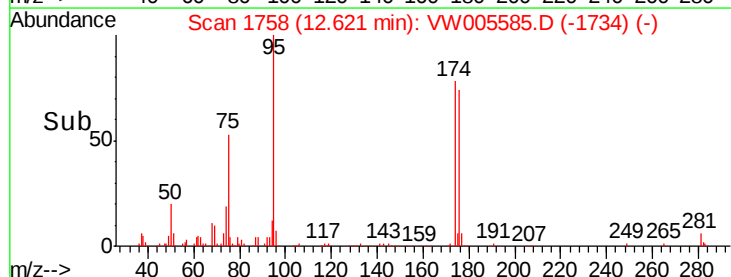
75 100

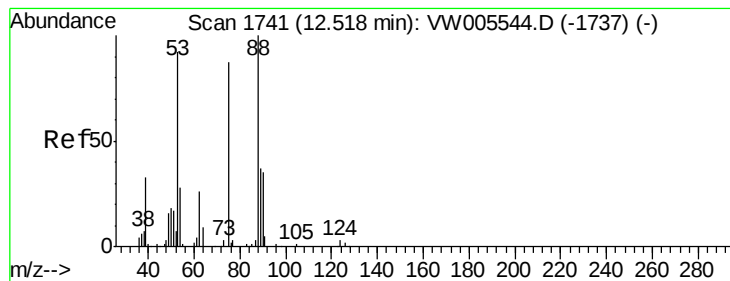
77 1.7 0.0 0.0#



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: 80.740 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005585.D

Acq: 24 Sep 2018 15:22

Instrument :

MSVOA_W

ClientSampleId :

PL-04-092018-D

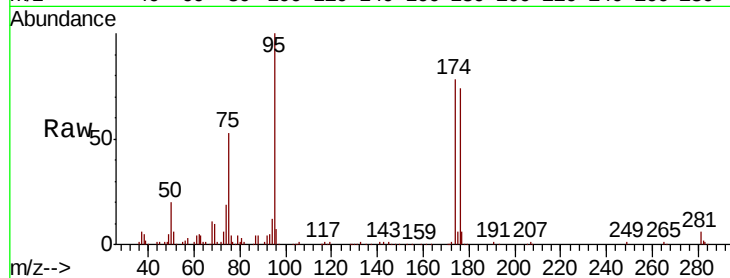
Tot Ion: 75 Resp: 37341

Ion Ratio Lower Upper

75 100

53 0.0 85.8 128.6#

89 0.3 37.3 55.9#



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

