

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120418\
 Data File : VW007210.D
 Acq On : 05 Dec 2018 03:08
 Operator : SY/AP
 Sample : J6201-01RE
 Misc : 5.78G/5ML/MSVOA W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 72-11932-72-11967

Quant Time: Dec 05 07:26:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 04 14:18:19 2018
 Response via : Initial Calibration

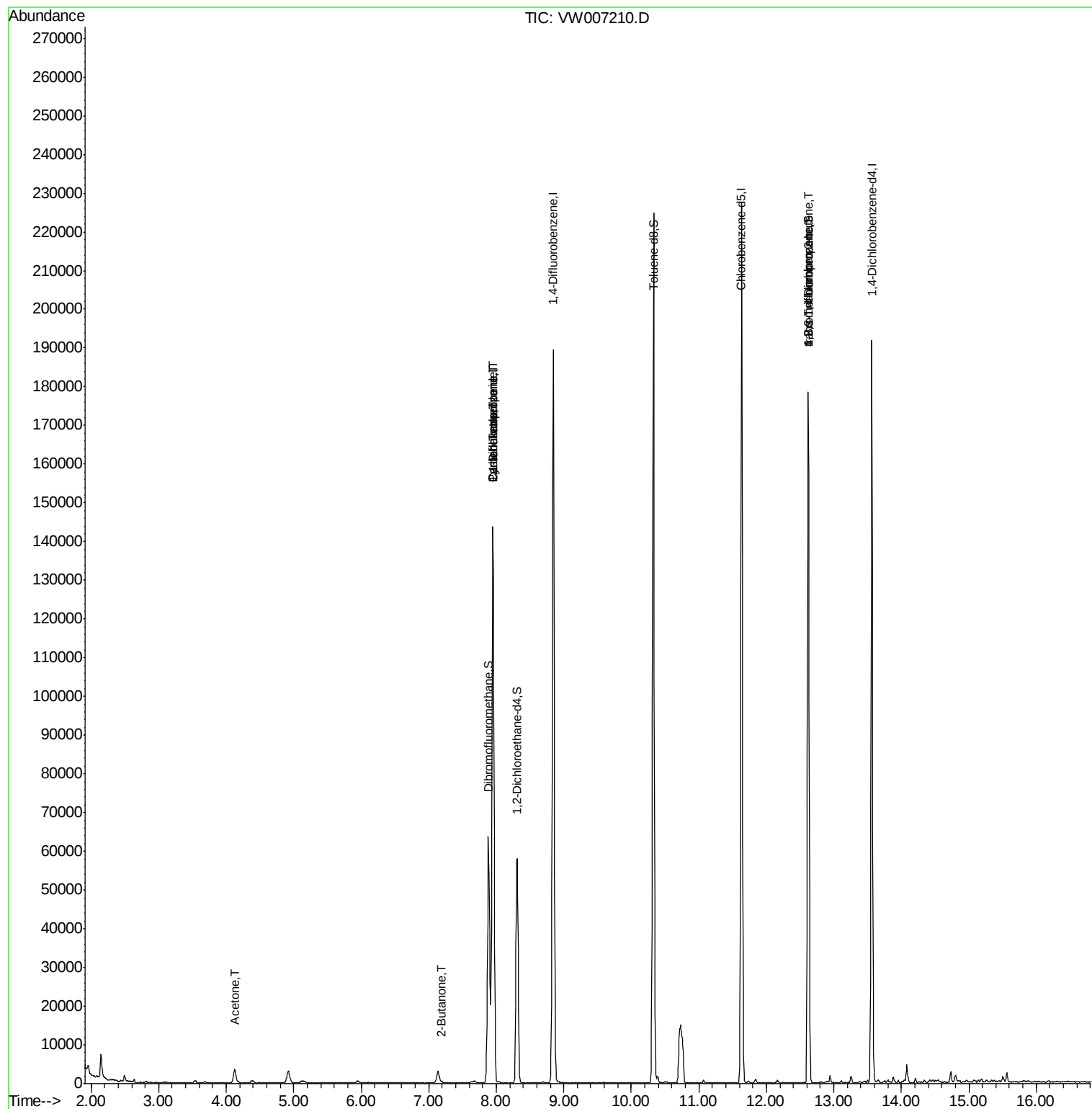
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	108058	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	165793	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	130355	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	51026	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	48281	47.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.98%	
35) Dibromofluoromethane	7.89	113	48162	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.46%	
50) Toluene-d8	10.32	98	160078	38.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.56%	
62) 4-Bromofluorobenzene	12.62	95	59567	37.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.48%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.12	59	626	Below Cal	#	75
16) Acetone	4.12	43	6309	26.489	ug/l	92
20) Methylene Chloride	4.92	84	2410	Below Cal		94
25) 2-Butanone	7.19	43	357	1.293	ug/l #	46
31) Cyclohexane	7.95	56	2100	1.052	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	8083	5.011	ug/l #	50
38) Carbon Tetrachloride	7.95	117	11031	6.699	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	28710	37.441	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	28710	156.620	ug/l #	13

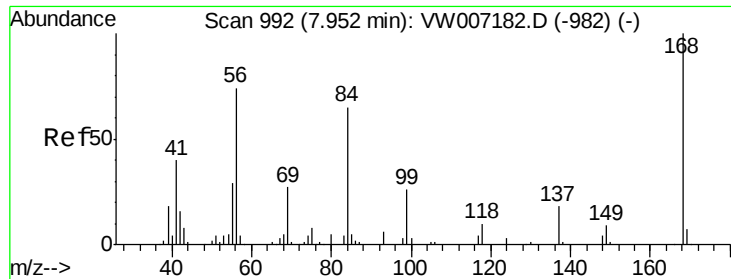
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Dec 04 14:18:19 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: VW007210.D

Acq: 05 Dec 2018 03:08

Instrument :

MSVOA_W

ClientSampleId :

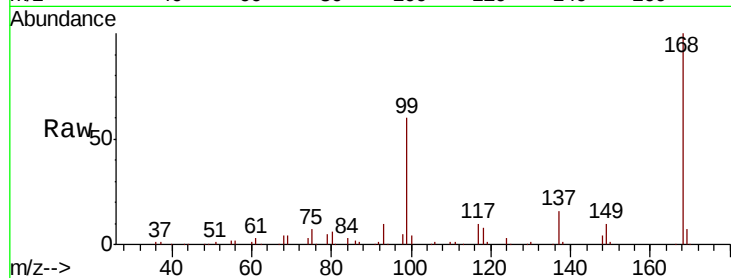
72-11932-72-11967

Tot Ion:168 Resp: 108058

Ion Ratio Lower Upper

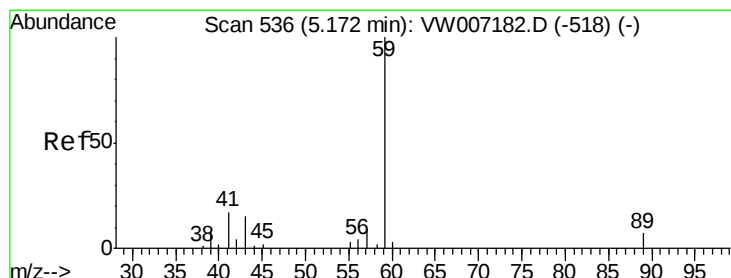
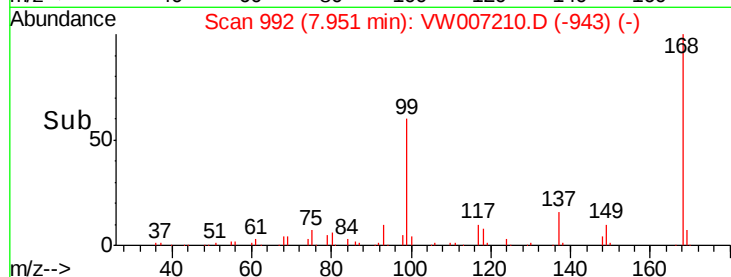
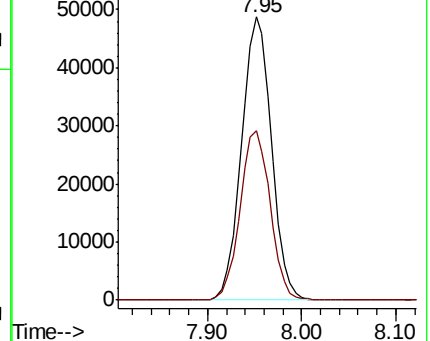
168 100

99 59.8 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.12 min Scan# 528

Delta R.T. -0.05 min

Lab File: VW007210.D

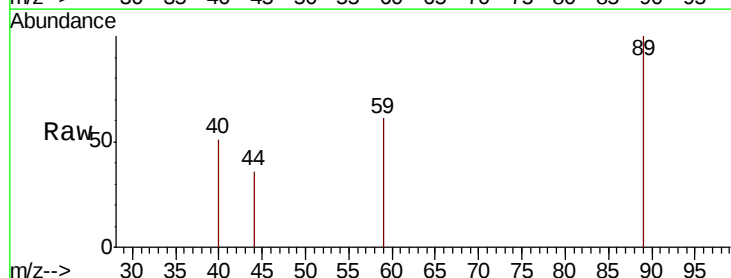
Acq: 05 Dec 2018 03:08

Tgt Ion: 59 Resp: 626

Ion Ratio Lower Upper

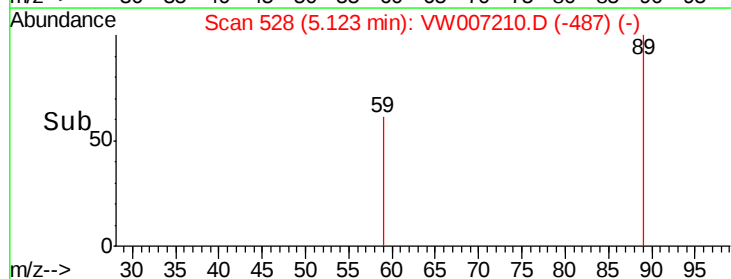
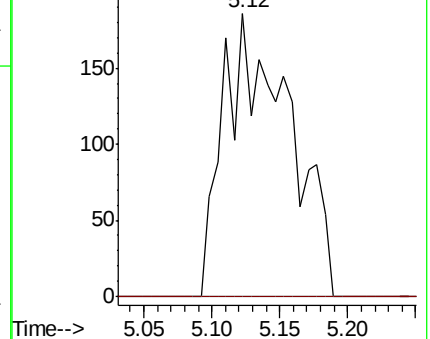
59 100

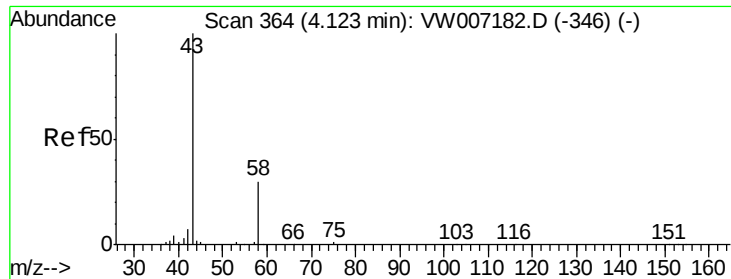
57 0.0 7.1 10.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

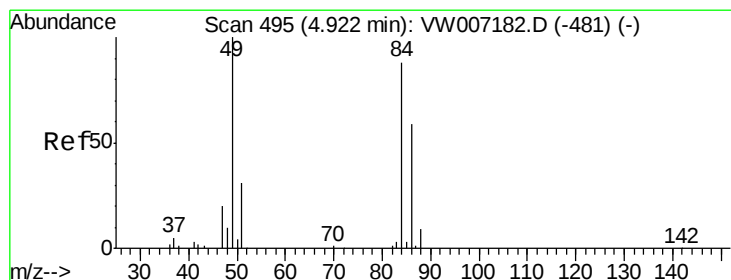
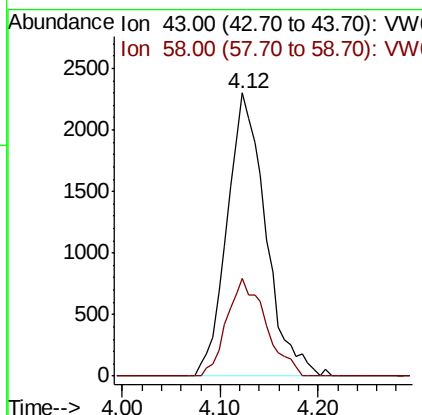
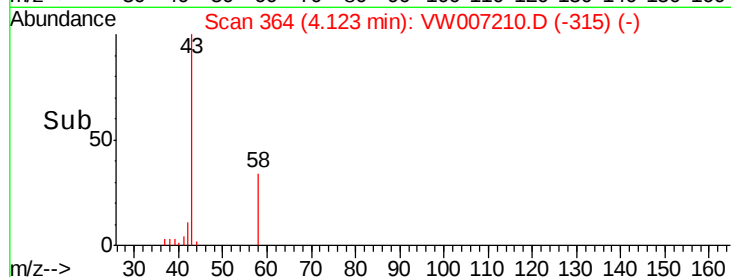
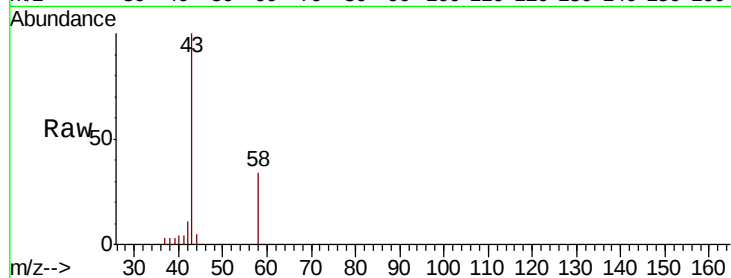




#16
Acetone
Concen: 26.489 ug/l
RT: 4.12 min Scan# 364
Delta R.T. -0.00 min
Lab File: VW007210.D
Acq: 05 Dec 2018 03:08

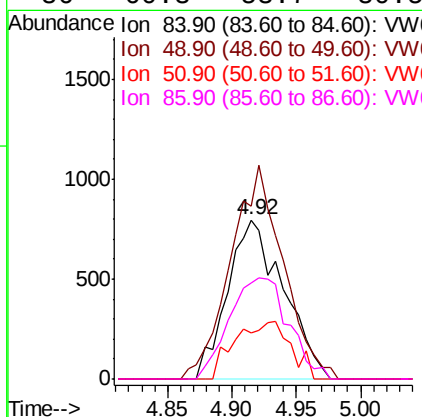
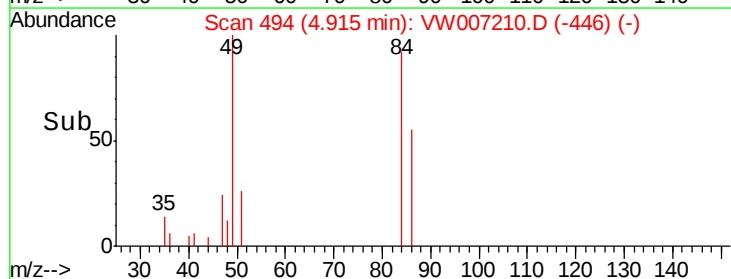
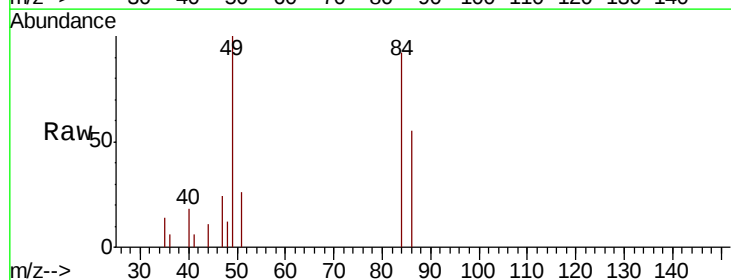
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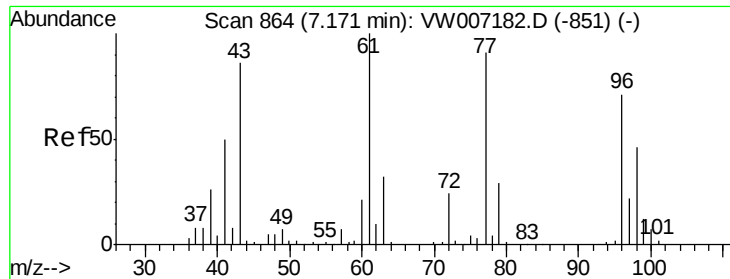
Tot Ion: 43 Resp: 6309
Ion Ratio Lower Upper
43 100
58 34.3 23.8 35.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW007210.D
Acq: 05 Dec 2018 03:08

Tgt Ion: 84 Resp: 2410
Ion Ratio Lower Upper
84 100
49 108.8 90.6 135.8
51 28.7 27.6 41.4
86 60.3 53.7 80.5

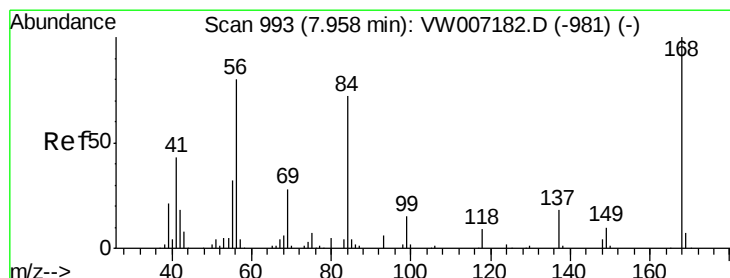
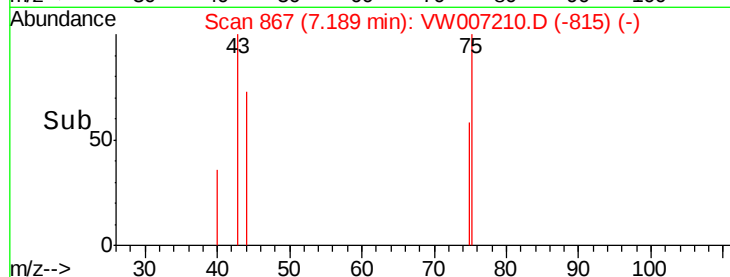
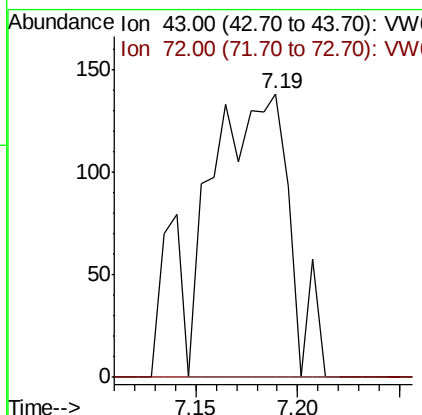
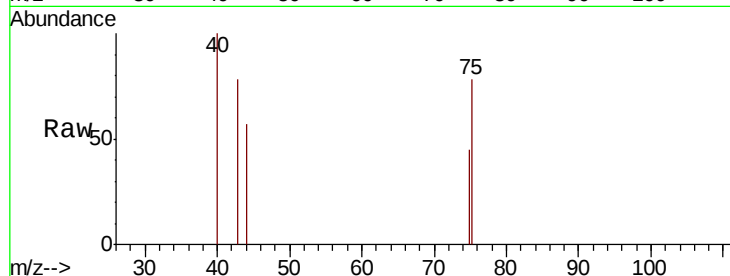




#25
2-Butanone
Concen: 1.293 ug/l
RT: 7.19 min Scan# 867
Delta R.T. 0.02 min
Lab File: VW007210.D
Acq: 05 Dec 2018 03:08

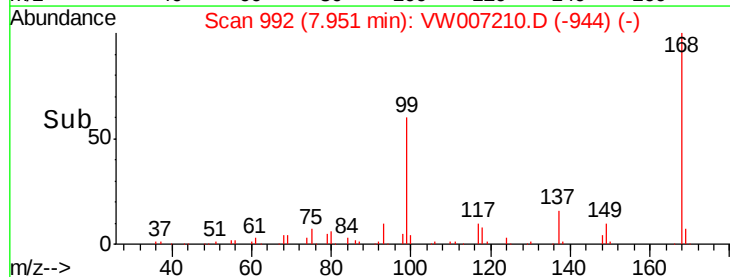
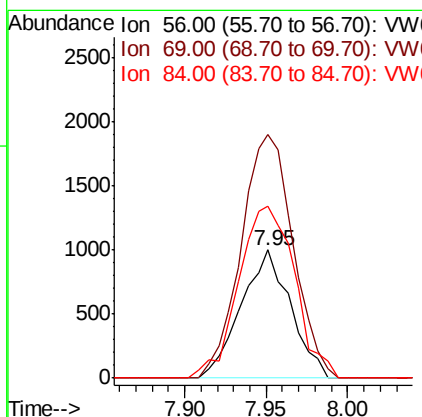
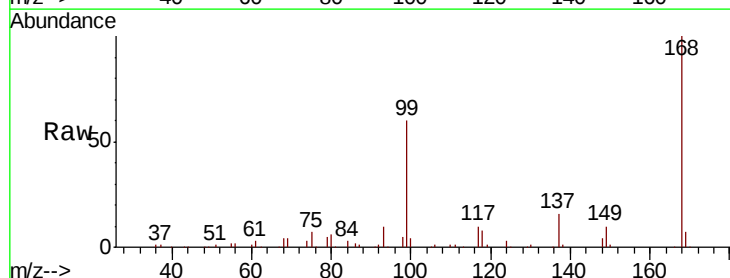
Instrument :
MSVOA_W
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72-11932-72-11967

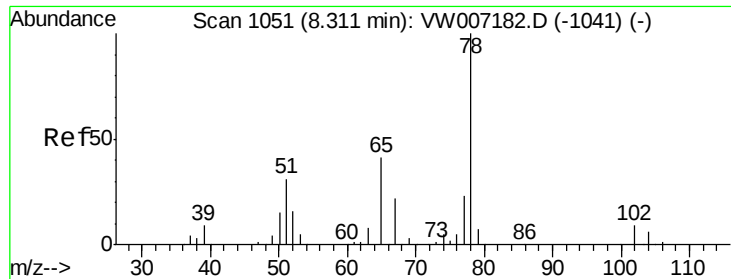
Tot Ion: 43 Resp: 357
Ion Ratio Lower Upper
43 100
72 0.0 22.8 34.2#



#31
Cyclohexane
Concen: 1.052 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW007210.D
Acq: 05 Dec 2018 03:08

Tgt Ion: 56 Resp: 2100
Ion Ratio Lower Upper
56 100
69 190.2 28.2 42.2#
84 134.4 72.1 108.1#

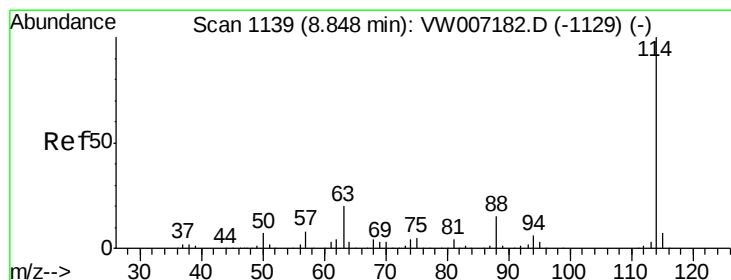
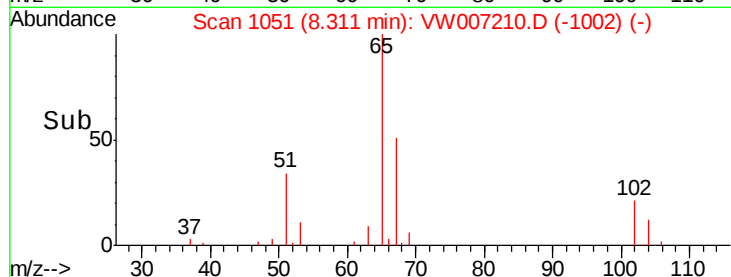
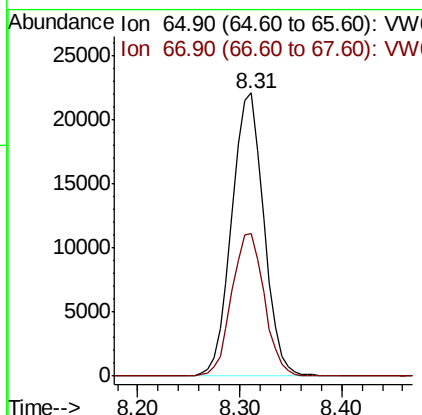
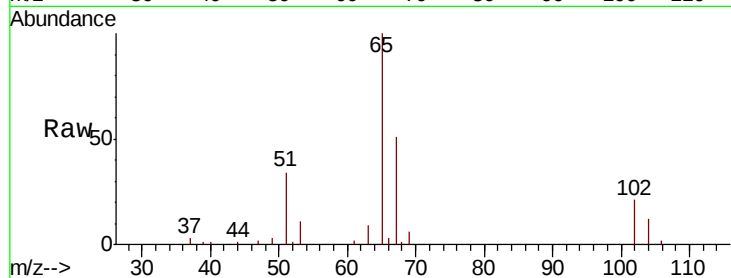




#33
 1,2-Dichloroethane-d4
 Concen: 47.990 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW007210.D
 Acq: 05 Dec 2018 03:08

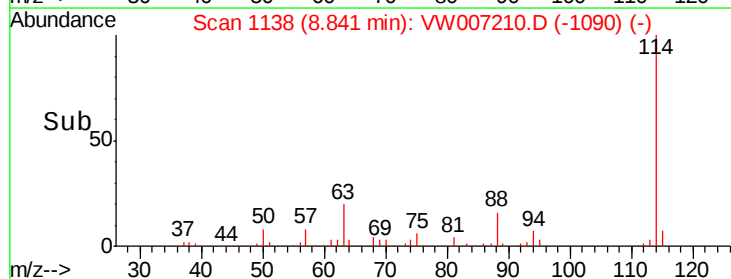
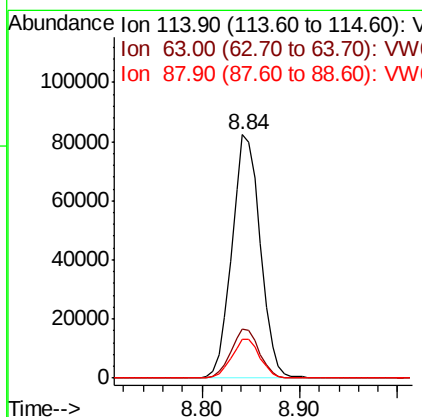
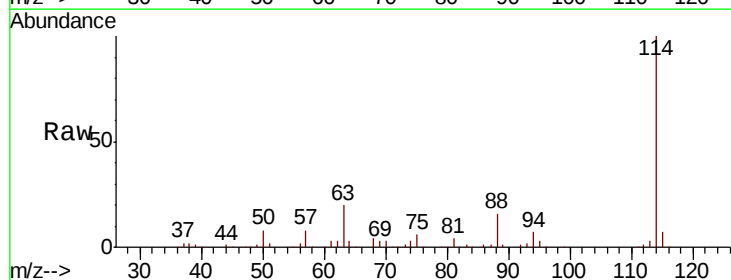
Instrument :
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 ClientSampleId :
 72-11932-72-11967

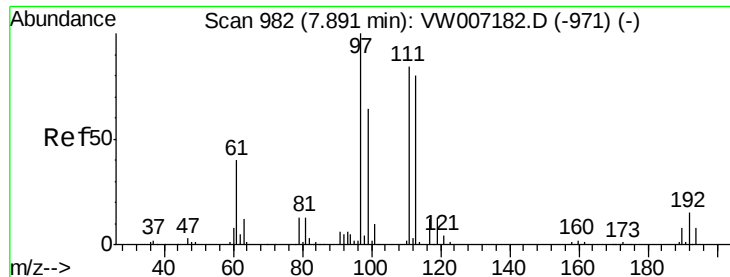
Tot Ion: 65 Resp: 48281
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW007210.D
 Acq: 05 Dec 2018 03:08

Tgt Ion: 114 Resp: 165793
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.2
 88 16.0 0.0 30.0

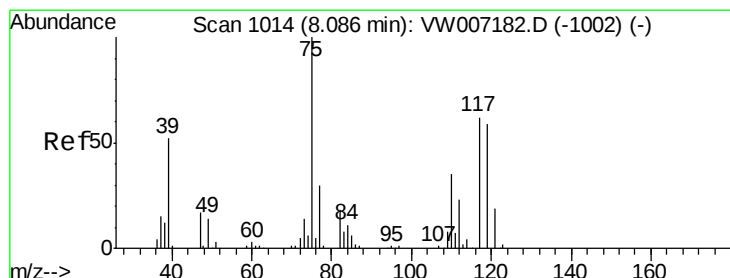
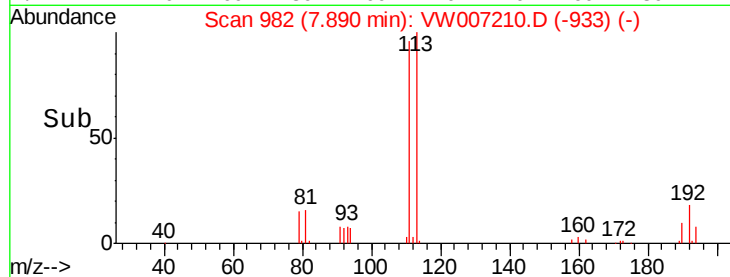
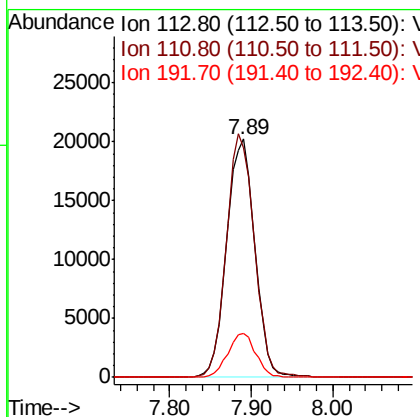
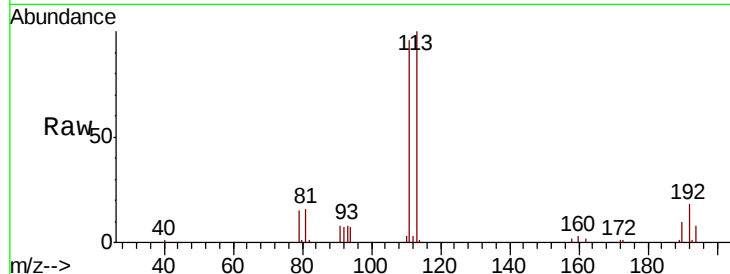




#35
 Dibromofluoromethane
 Concen: 50.733 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW007210.D
 Acq: 05 Dec 2018 03:08

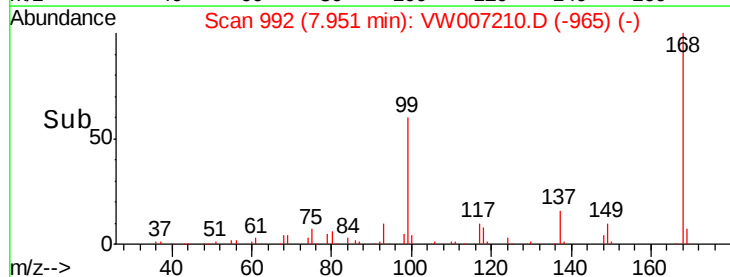
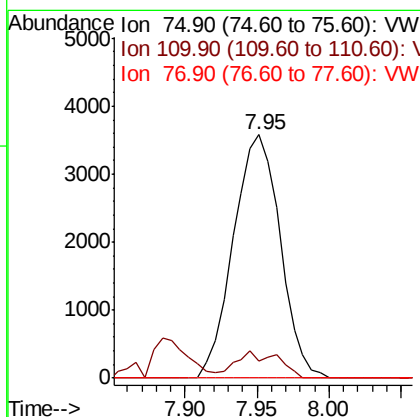
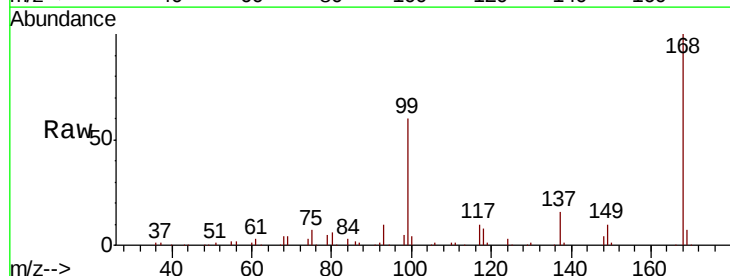
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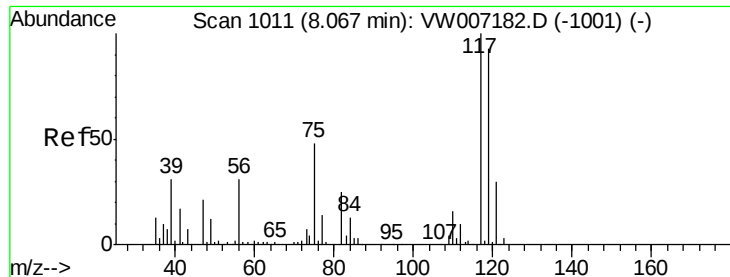
Tot Ion:113 Resp: 48162
 Ion Ratio Lower Upper
 113 100
 111 101.3 82.2 123.4
 192 18.1 14.4 21.6



#36
 1,1-Dichloropropene
 Concen: 5.011 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007210.D
 Acq: 05 Dec 2018 03:08

Tgt Ion: 75 Resp: 8083
 Ion Ratio Lower Upper
 75 100
 110 10.0 18.3 54.9#
 77 0.0 24.9 37.3#

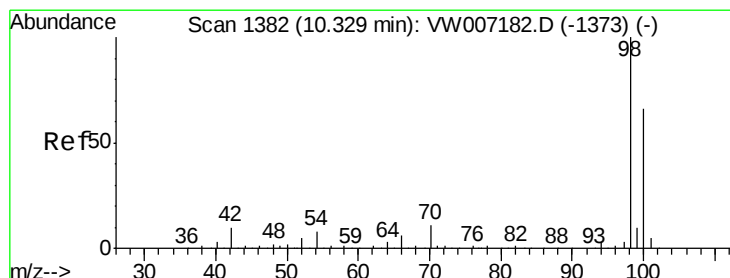
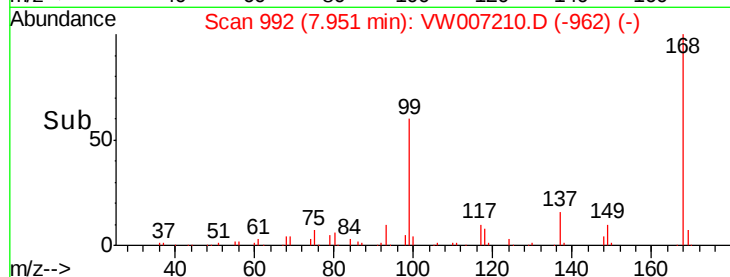
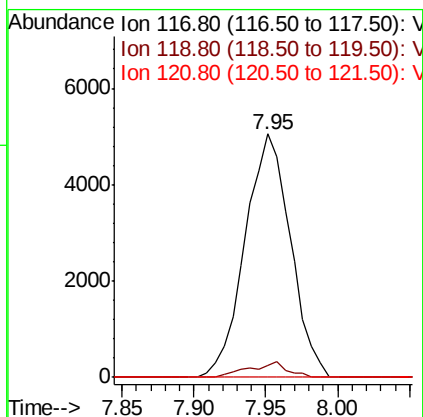
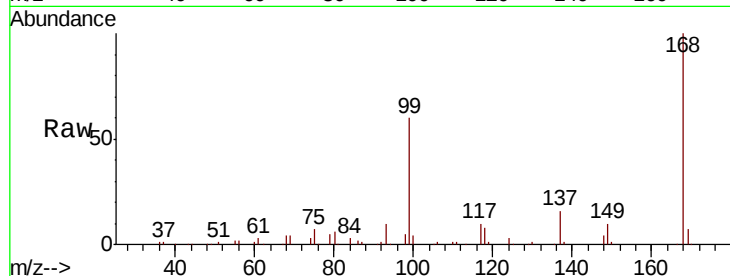




#38
Carbon Tetrachloride
Concen: 6.699 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW007210.D
Acq: 05 Dec 2018 03:08

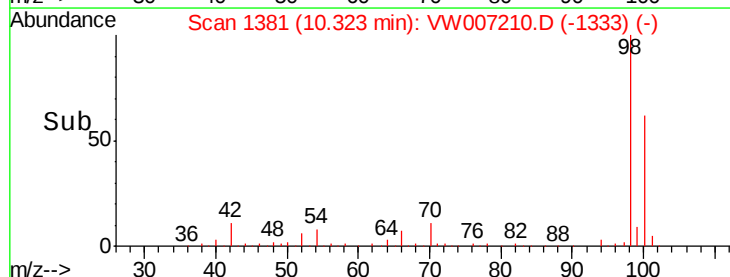
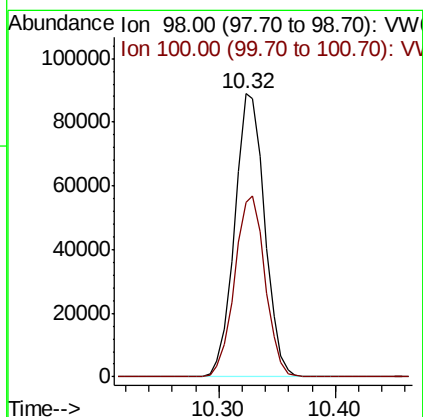
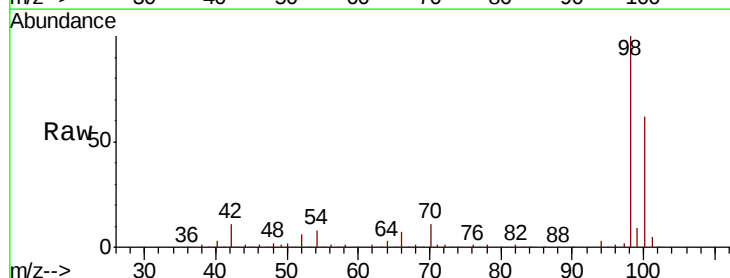
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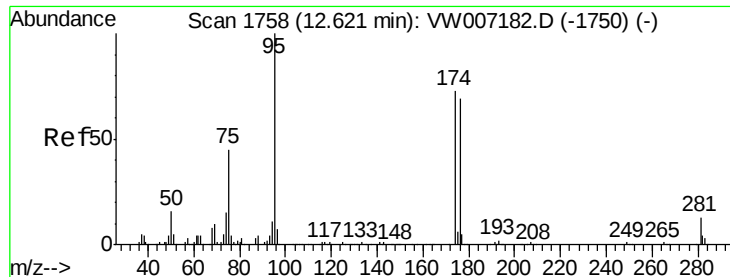
Tot Ion:117 Resp: 11031
Ion Ratio Lower Upper
117 100
119 4.8 74.1 111.1#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 38.280 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW007210.D
Acq: 05 Dec 2018 03:08

Tgt Ion: 98 Resp: 160078
Ion Ratio Lower Upper
98 100
100 64.6 52.7 79.1

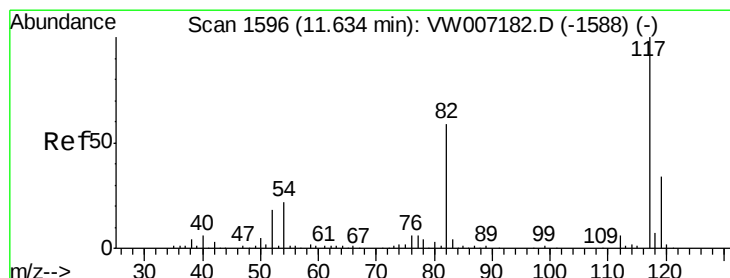
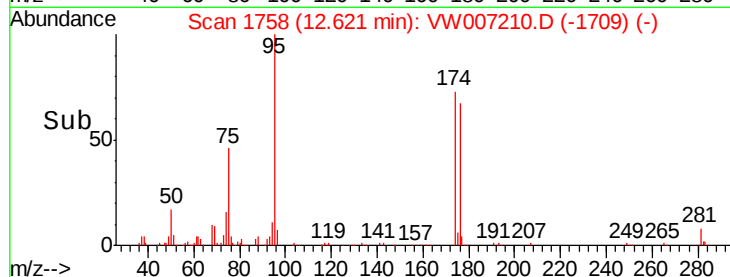
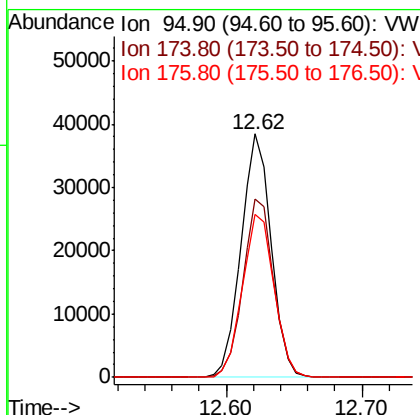
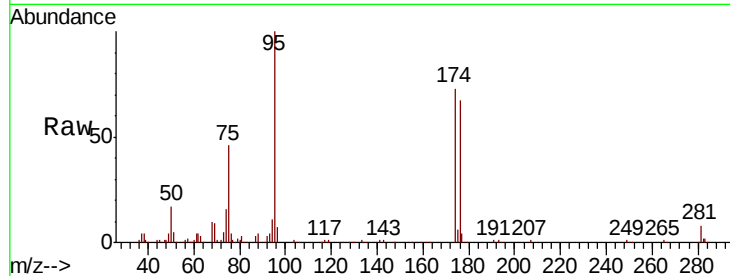




#62
4-Bromofluorobenzene
Concen: 37.739 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007210.D
Acq: 05 Dec 2018 03:08

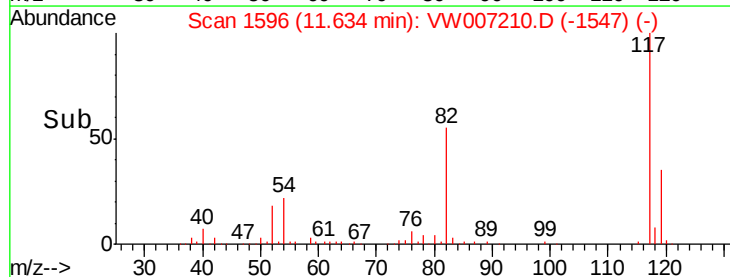
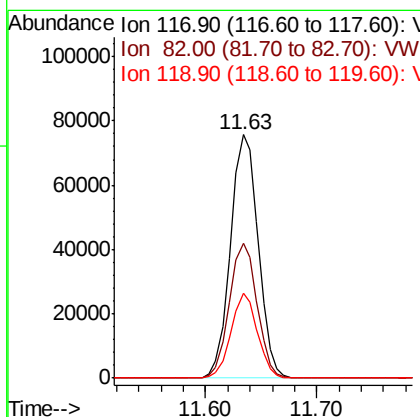
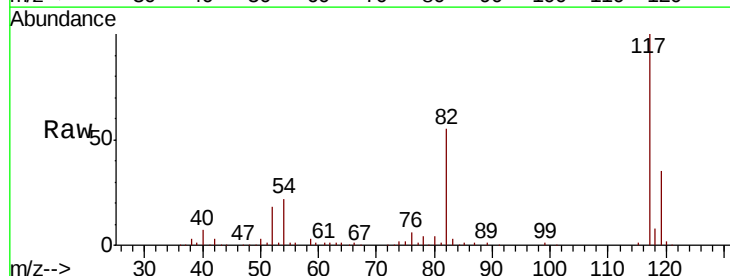
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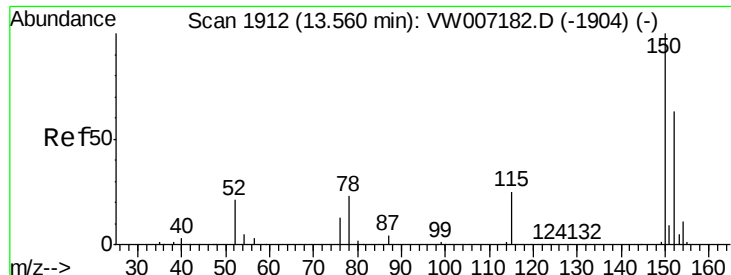
Tot Ion: 95 Resp: 59567
Ion Ratio Lower Upper
95 100
174 74.4 0.0 148.0
176 71.0 0.0 139.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007210.D
Acq: 05 Dec 2018 03:08

Tgt Ion: 117 Resp: 130355
Ion Ratio Lower Upper
117 100
82 55.4 47.4 71.2
119 34.7 26.8 40.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007210.D

Acq: 05 Dec 2018 03:08

Instrument :

MSVOA_W

ClientSampleId :

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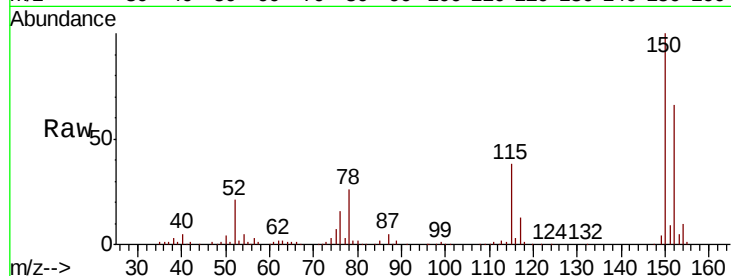
Tot Ion:152 Resp: 51026

Ion Ratio Lower Upper

152 100

115 59.6 31.3 93.8

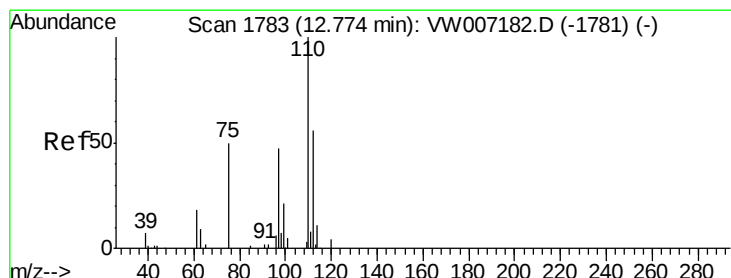
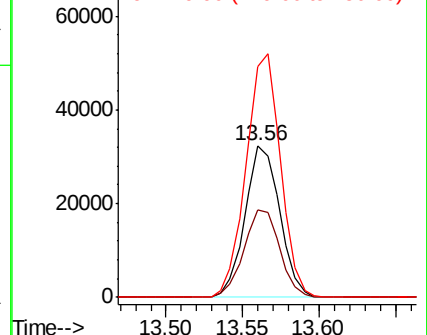
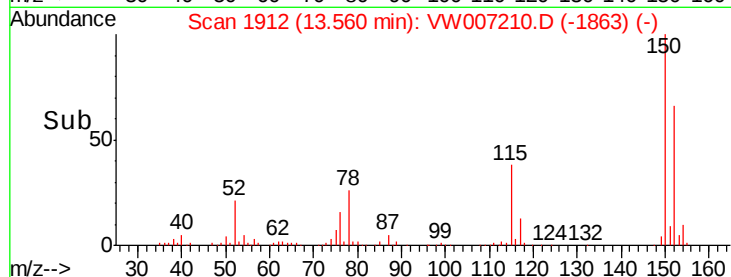
150 159.7 0.0 358.0



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: 37.441 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007210.D

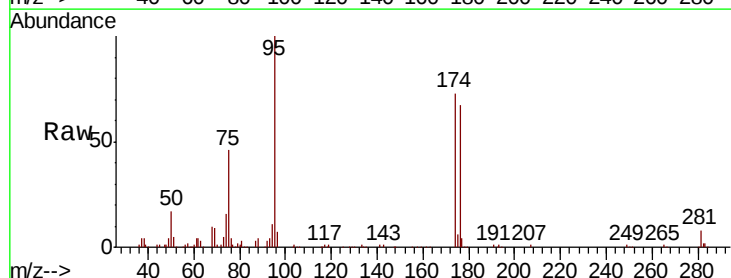
Acq: 05 Dec 2018 03:08

Tgt Ion: 75 Resp: 28710

Ion Ratio Lower Upper

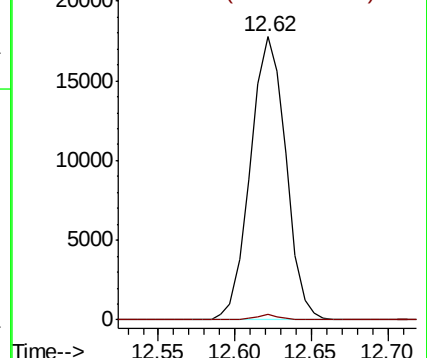
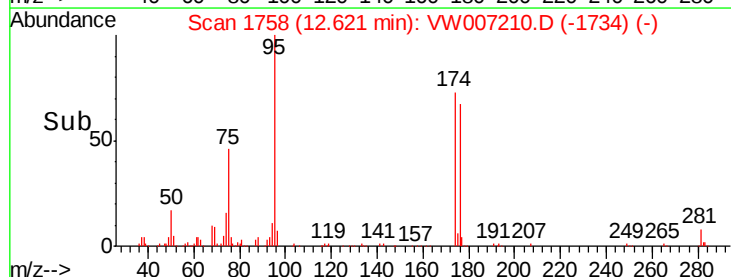
75 100

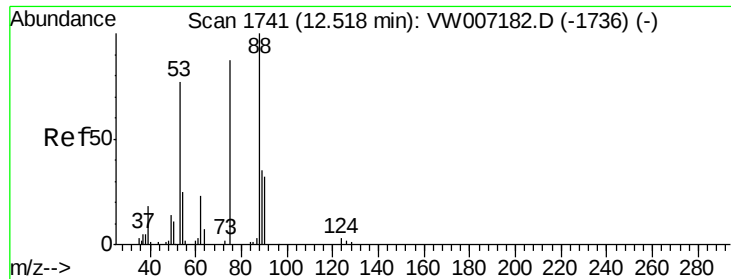
77 1.2 0.0 0.0#



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: 156.620 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007210.D

Acq: 05 Dec 2018 03:08

Instrument :

MSVOA_W

ClientSampleId :

72-11932-72-11967

Tot Ion: 75 Resp: 28710

Ion Ratio Lower Upper

75 100

53 0.0 72.8 109.2#

89 0.0 36.4 54.6#

