

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120518\
 Data File : VW007263.D
 Acq On : 06 Dec 2018 07:04
 Operator : SY/AP
 Sample : J6219-01
 Misc : 5.07G/5ML/MSVOA W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 NM-342-135-120418

Quant Time: Dec 06 07:32:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	102790	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	174026	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	155223	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	74738	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	45141	47.17	ug/l	0.00
Spiked Amount			Recovery	=	94.34%	
35) Dibromofluoromethane	7.89	113	42018	42.17	ug/l	0.00
Spiked Amount			Recovery	=	84.34%	
50) Toluene-d8	10.33	98	166895	38.02	ug/l	0.00
Spiked Amount			Recovery	=	76.04%	
62) 4-Bromofluorobenzene	12.62	95	63670	38.43	ug/l	0.00
Spiked Amount			Recovery	=	76.86%	

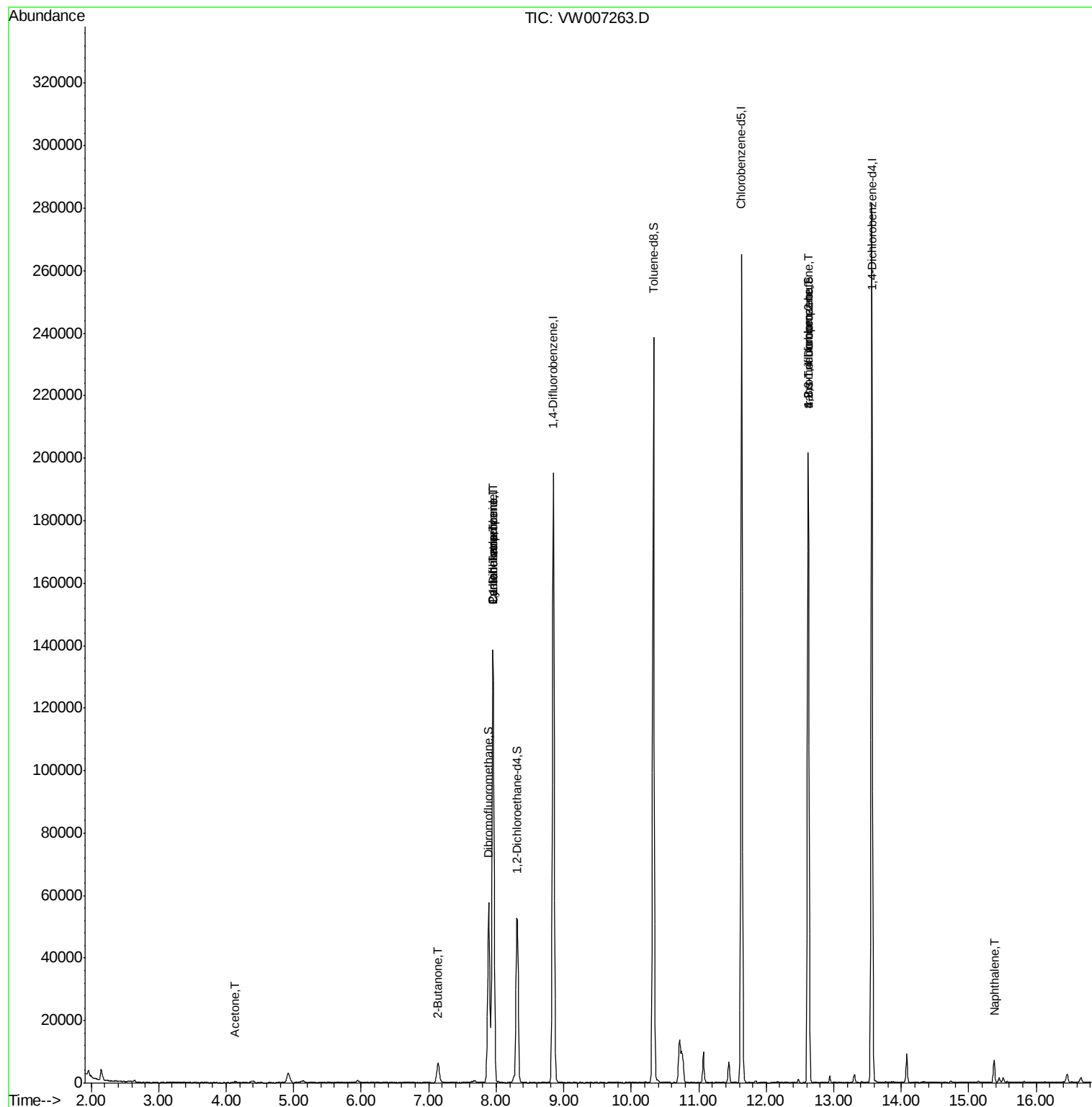
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.14	59	749	Below Cal	#	75
16) Acetone	4.13	43	816	3.602	ug/l #	79
20) Methylene Chloride	4.92	84	2547	Below Cal		92
25) 2-Butanone	7.15	43	324	1.234	ug/l #	46
31) Cyclohexane	7.95	56	2033	1.070	ug/l #	8
36) 1,1-Dichloropropene	7.95	75	7703	4.549	ug/l #	49
38) Carbon Tetrachloride	7.95	117	10706	6.195	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	31977	55.256	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	31977	119.097	ug/l #	13
95) Naphthalene	15.38	128	6624	2.287	ug/l	98

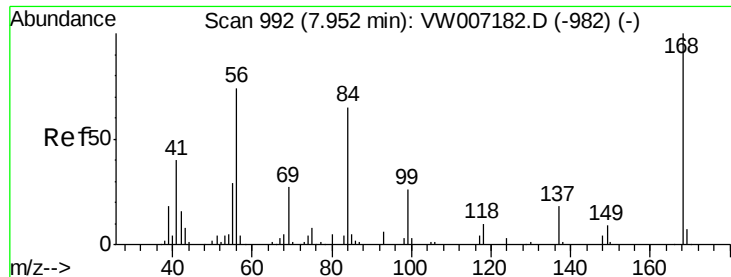
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120518\
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QLast Update : Wed Dec 05 01:35:23 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: VW007263.D

Acq: 06 Dec 2018 07:04

Instrument :

MSVOA_W

ClientSampleId :

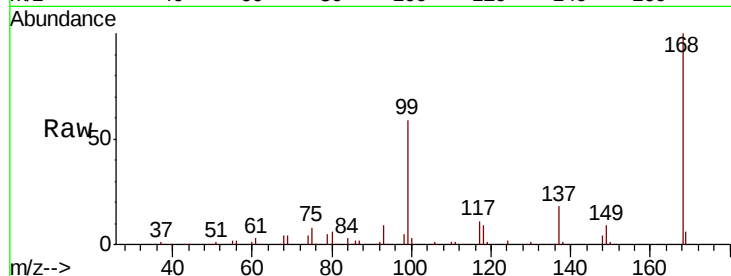
NM-342-135-120418

Tot Ion:168 Resp: 102790

Ion Ratio Lower Upper

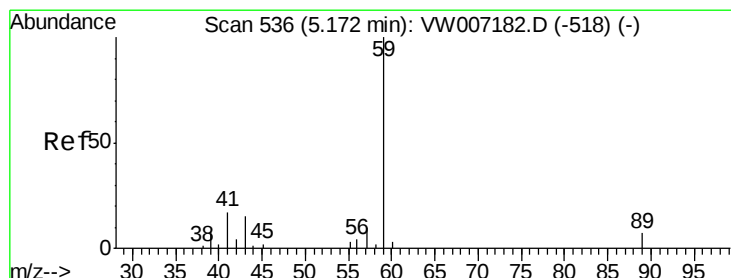
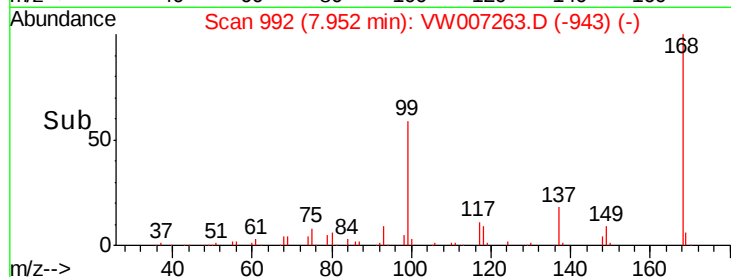
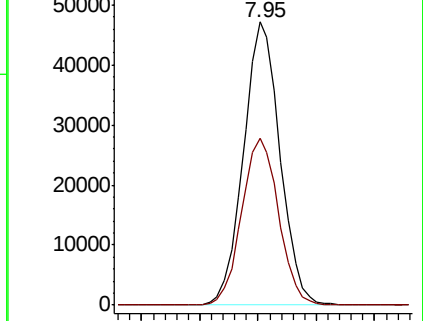
168 100

99 59.1 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: 5.14 min Scan# 531

Delta R.T. -0.03 min

Lab File: VW007263.D

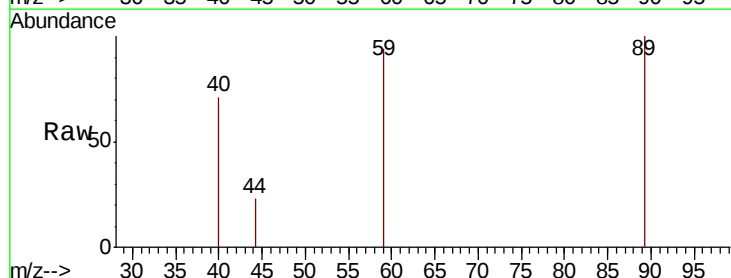
Acq: 06 Dec 2018 07:04

Tgt Ion: 59 Resp: 749

Ion Ratio Lower Upper

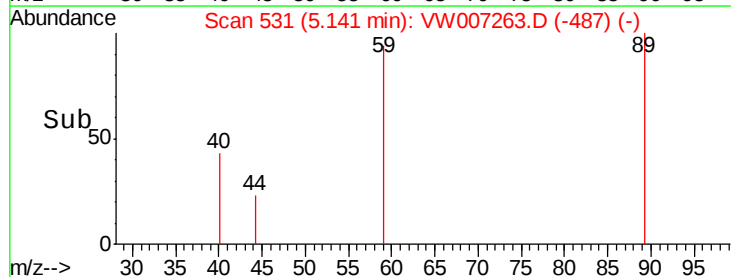
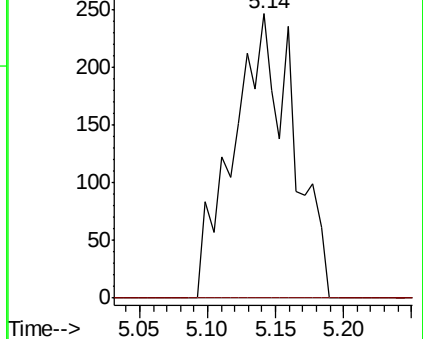
59 100

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

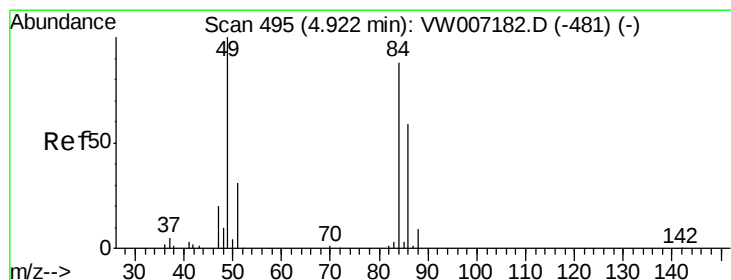
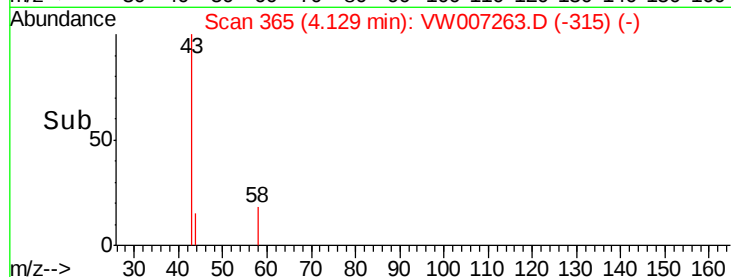
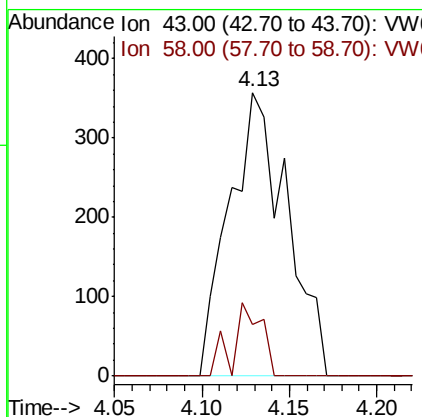
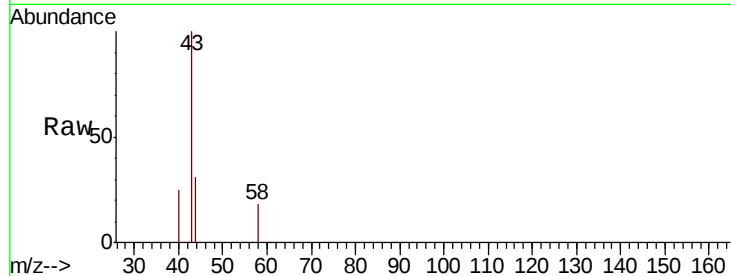




#16
Acetone
Concen: 3.602 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW007263.D
Acq: 06 Dec 2018 07:04

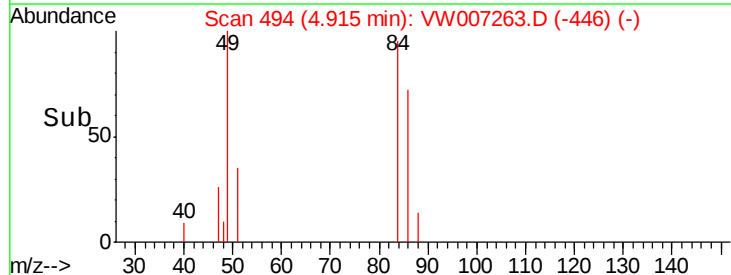
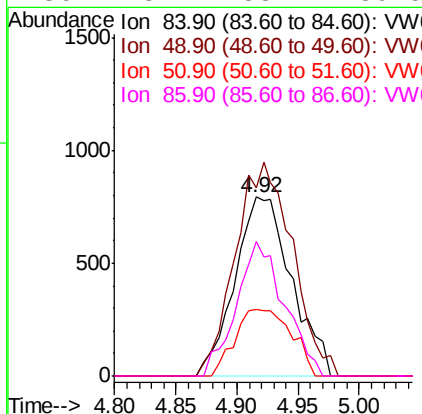
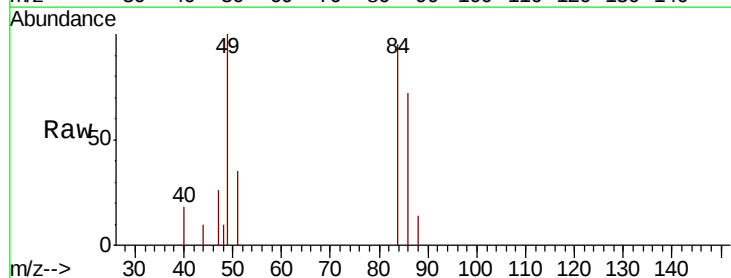
Instrument :
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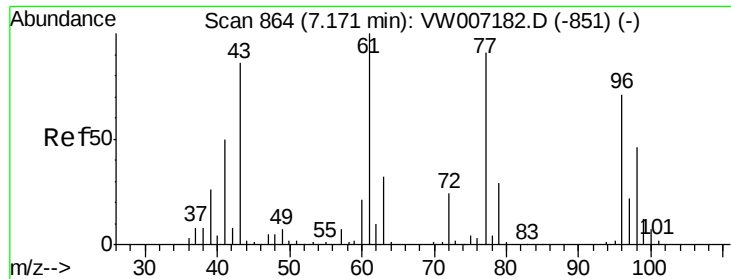
Tot Ion: 43 Resp: 816
Ion Ratio Lower Upper
43 100
58 18.2 23.8 35.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW007263.D
Acq: 06 Dec 2018 07:04

Tgt Ion: 84 Resp: 2547
Ion Ratio Lower Upper
84 100
49 105.2 90.6 135.8
51 37.2 27.6 41.4
86 75.4 53.7 80.5

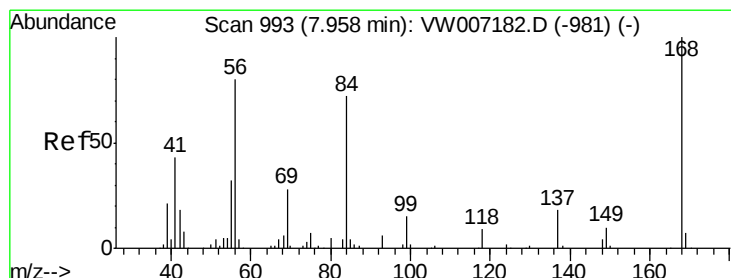
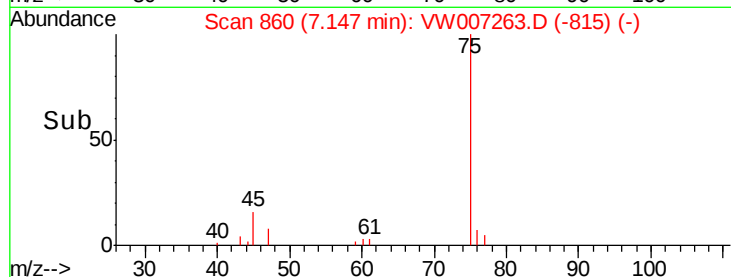
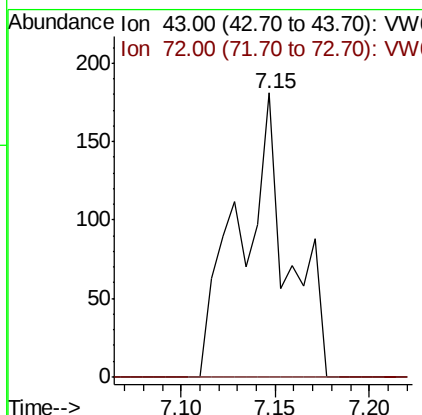
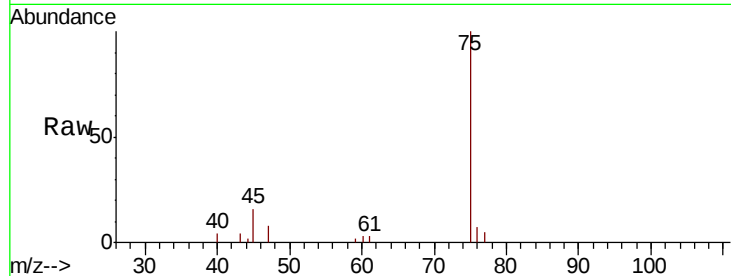




#25
 2-Butanone
 Concen: 1.234 ug/l
 RT: 7.15 min Scan# 860
 Delta R.T. -0.02 min
 Lab File: VW007263.D
 Acq: 06 Dec 2018 07:04

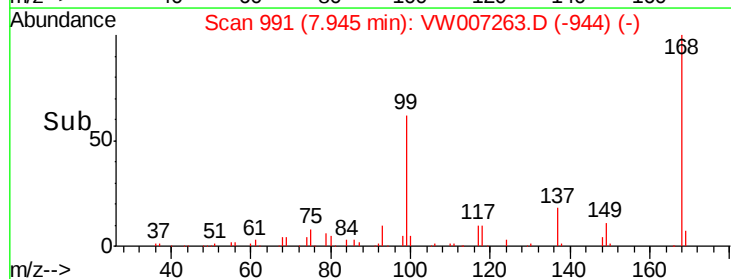
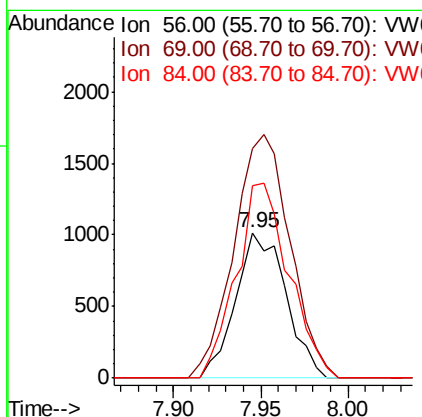
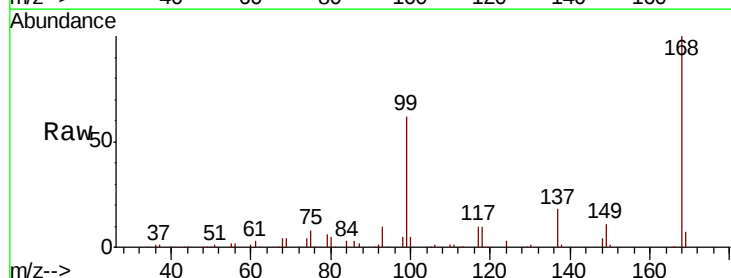
Instrument :
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 NM-342-135-120418

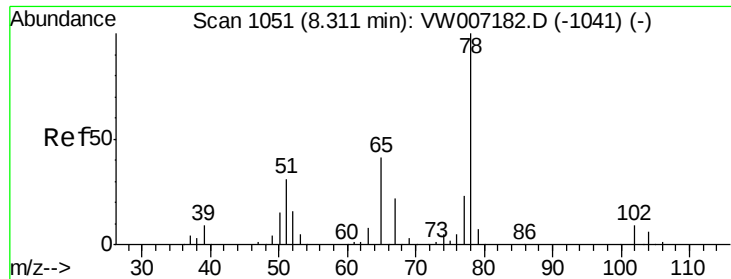
Tot Ion: 43 Resp: 324
 Ion Ratio Lower Upper
 43 100
 72 0.0 22.8 34.2#



#31
 Cyclohexane
 Concen: 1.070 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: VW007263.D
 Acq: 06 Dec 2018 07:04

Tgt Ion: 56 Resp: 2033
 Ion Ratio Lower Upper
 56 100
 69 158.0 28.2 42.2#
 84 132.5 72.1 108.1#

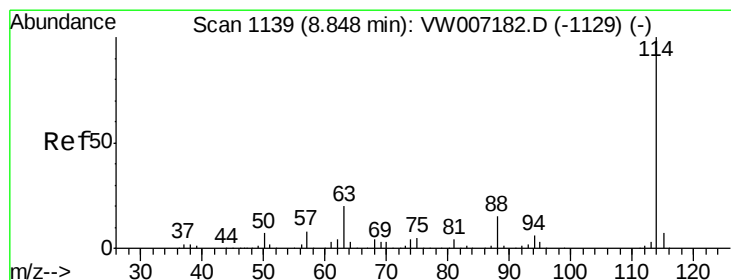
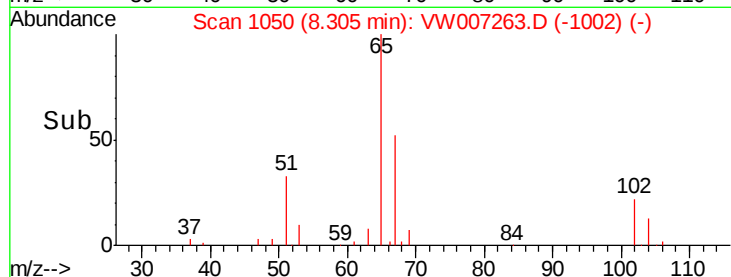
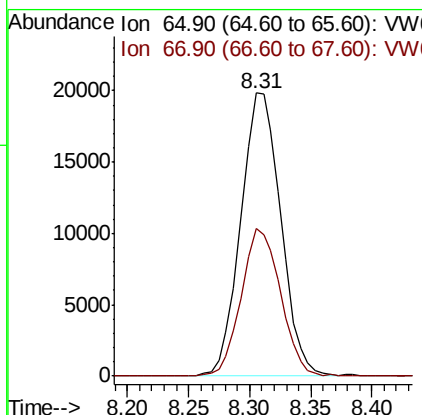
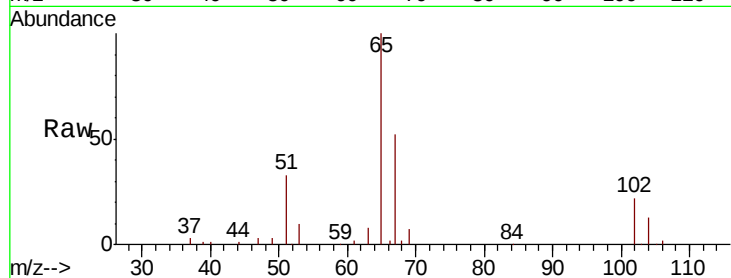




#33
 1,2-Dichloroethane-d4
 Concen: 47.168 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW007263.D
 Acq: 06 Dec 2018 07:04

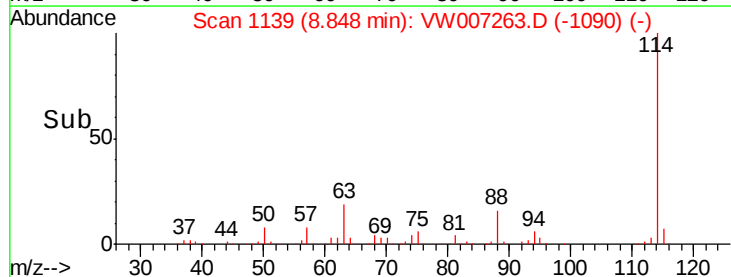
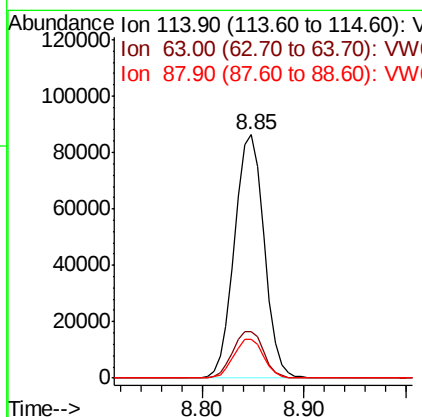
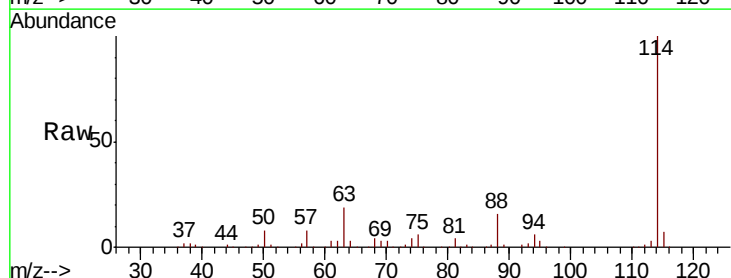
Instrument :
 MSVOA_W
 ClientSampleId :
 NM-342-135-120418

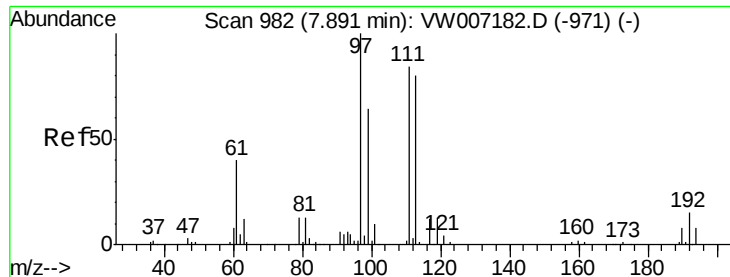
Tot Ion: 65 Resp: 45141
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007263.D
 Acq: 06 Dec 2018 07:04

Tgt Ion: 114 Resp: 174026
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.2
 88 16.0 0.0 30.0





#35

Dibromofluoromethane

Concen: 42.167 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW007263.D

Acq: 06 Dec 2018 07:04

Instrument :

MSVOA_W

ClientSampleId :

NM-342-135-120418

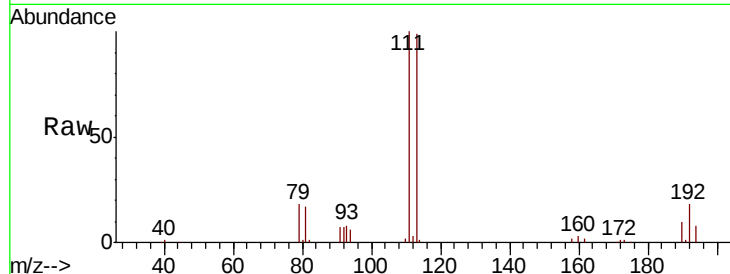
Tot Ion:113 Resp: 42018

Ion Ratio Lower Upper

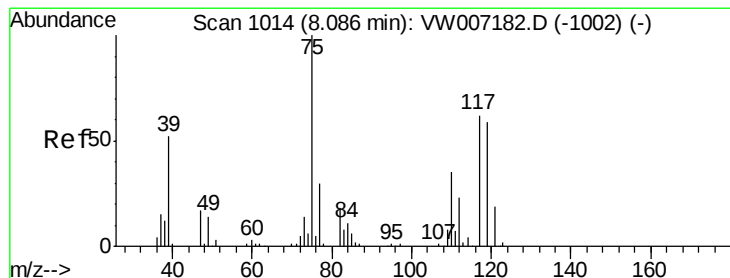
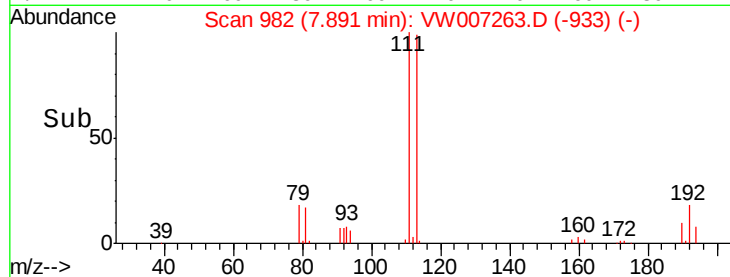
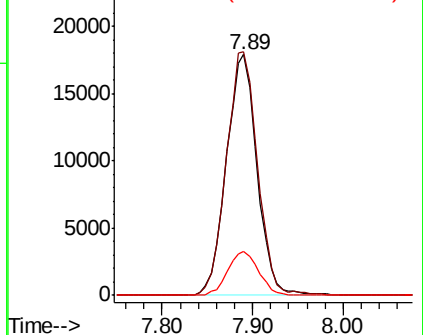
113 100

111 102.7 82.2 123.4

192 18.1 14.4 21.6



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: 4.549 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW007263.D

Acq: 06 Dec 2018 07:04

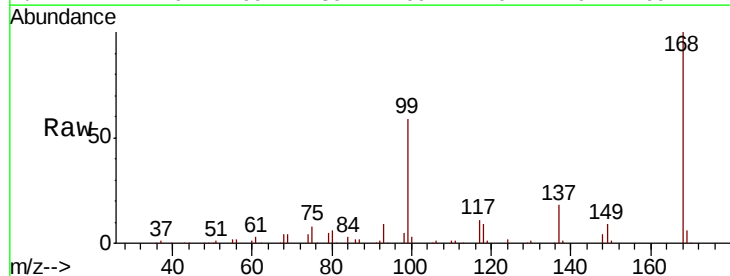
Tgt Ion: 75 Resp: 7703

Ion Ratio Lower Upper

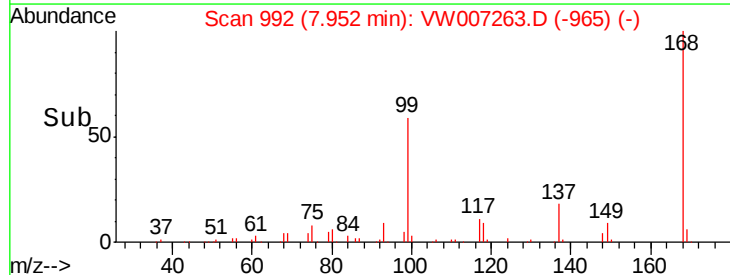
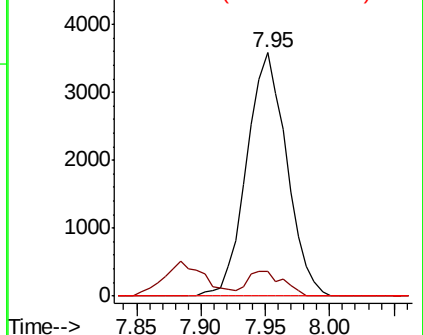
75 100

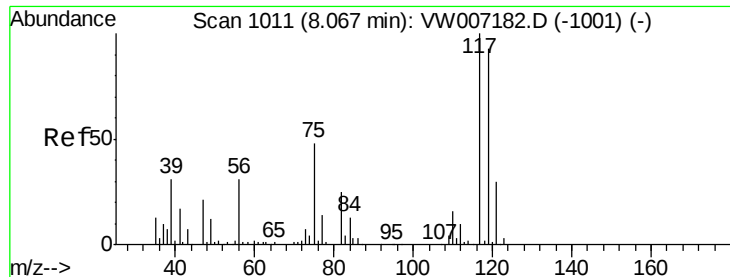
110 9.0 18.3 54.9#

77 0.0 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 6.195 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW007263.D

Acq: 06 Dec 2018 07:04

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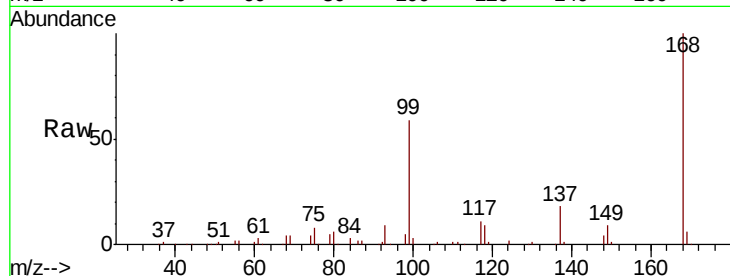
Tot Ion:117 Resp: 10706

Ion Ratio Lower Upper

117 100

119 5.7 74.1 111.1#

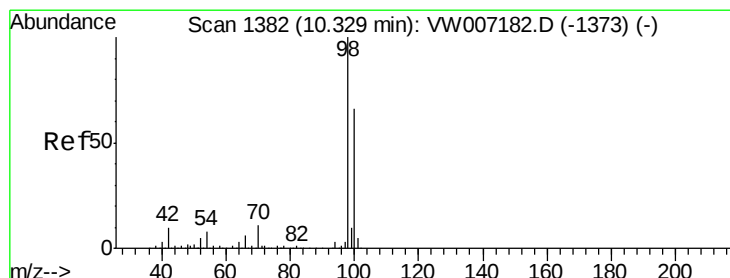
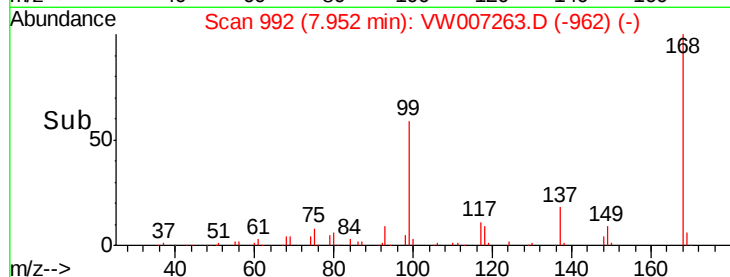
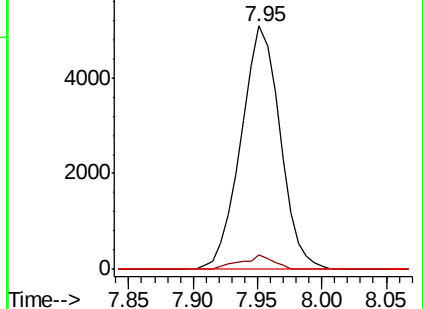
121 0.0 23.9 35.9#



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: 38.022 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW007263.D

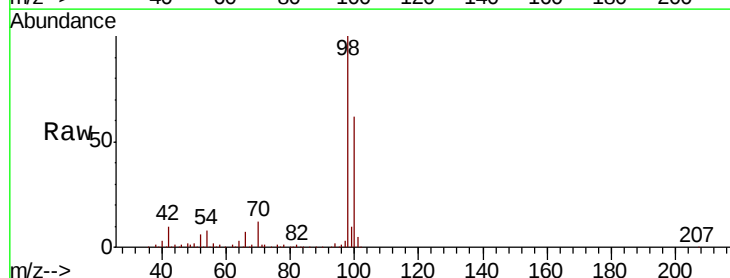
Acq: 06 Dec 2018 07:04

Tgt Ion: 98 Resp: 166895

Ion Ratio Lower Upper

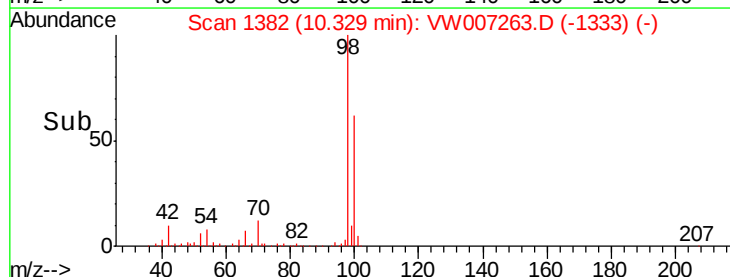
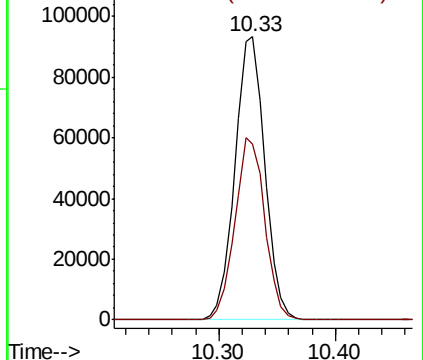
98 100

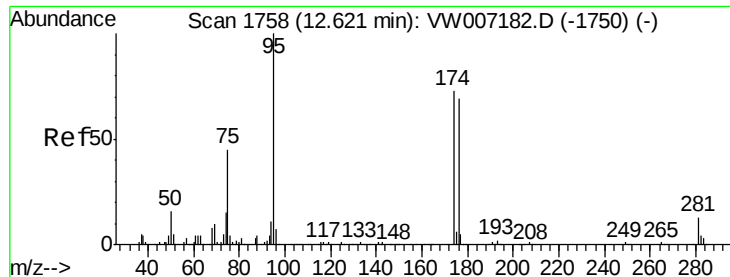
100 64.5 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

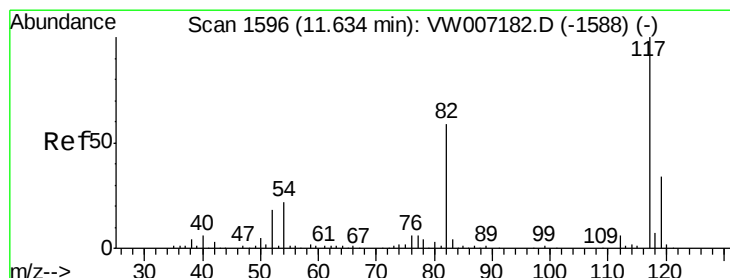
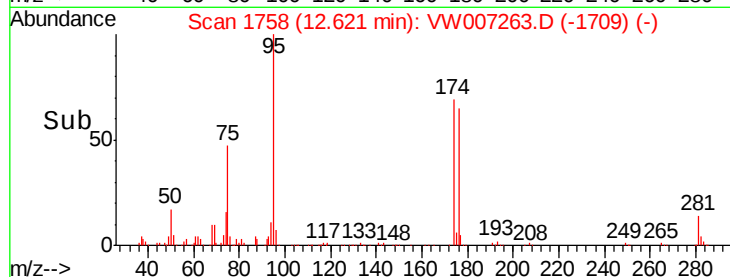
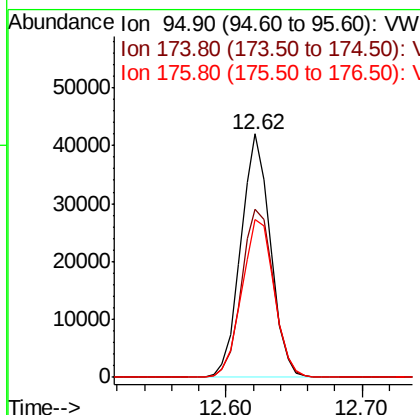
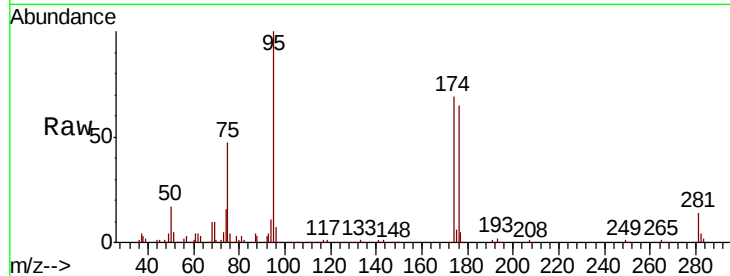




#62
4-Bromofluorobenzene
Concen: 38.430 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007263.D
Acq: 06 Dec 2018 07:04

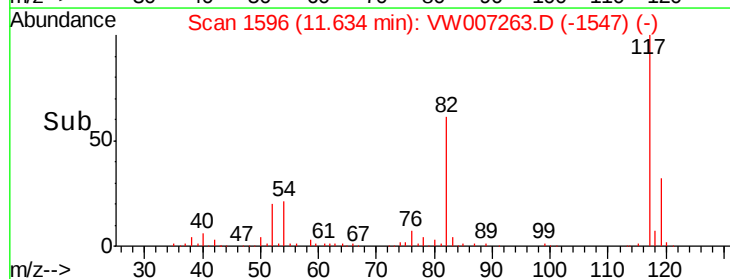
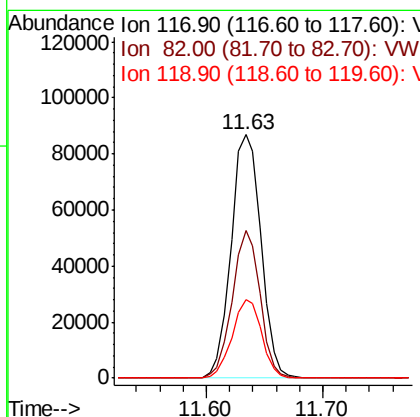
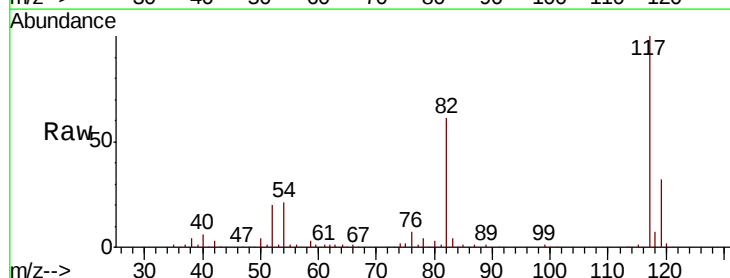
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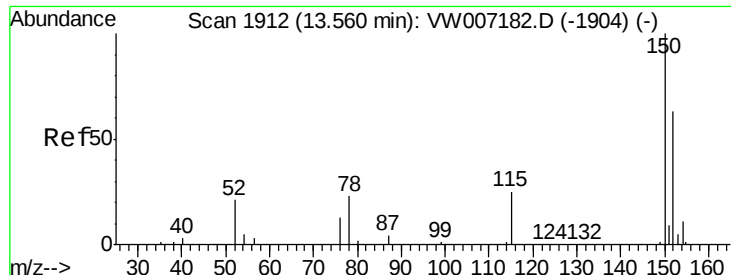
Tot Ion: 95 Resp: 63670
Ion Ratio Lower Upper
95 100
174 75.3 0.0 148.0
176 71.1 0.0 139.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007263.D
Acq: 06 Dec 2018 07:04

Tgt Ion: 117 Resp: 155223
Ion Ratio Lower Upper
117 100
82 60.8 47.4 71.2
119 32.0 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: VW007263.D

Acq: 06 Dec 2018 07:04

Instrument :

MSVOA_W

ClientSampleId :

NM-342-135-120418

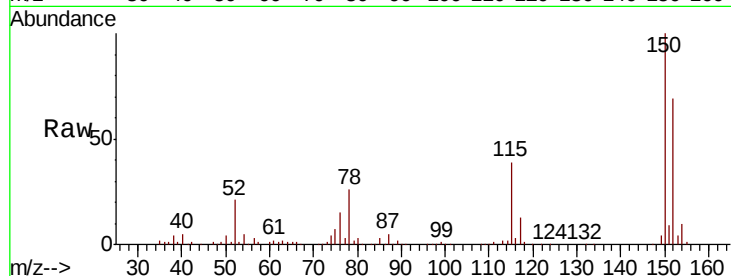
Tot Ion:152 Resp: 74738

Ion Ratio Lower Upper

152 100

115 59.5 31.3 93.8

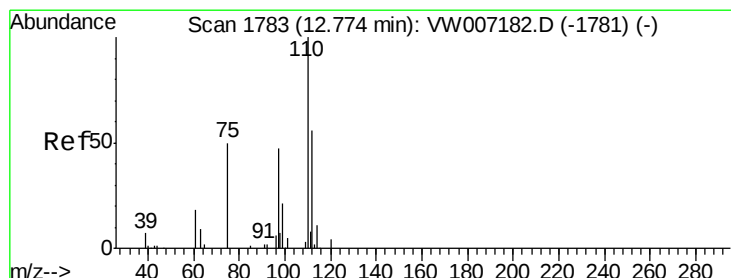
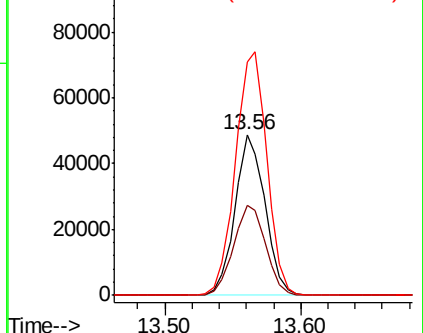
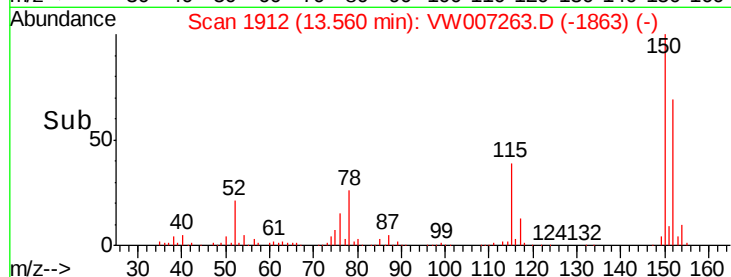
150 159.3 0.0 358.0



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: 55.256 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007263.D

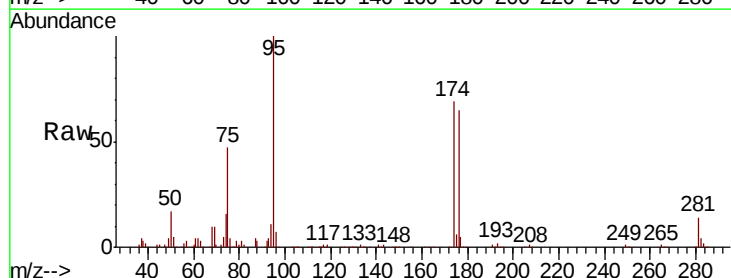
Acq: 06 Dec 2018 07:04

Tgt Ion: 75 Resp: 31977

Ion Ratio Lower Upper

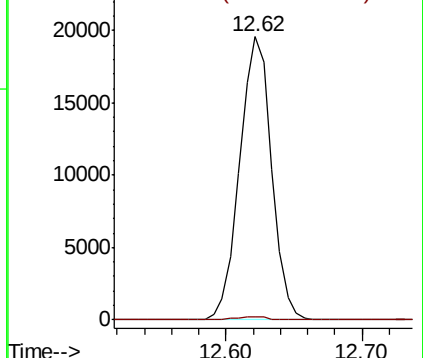
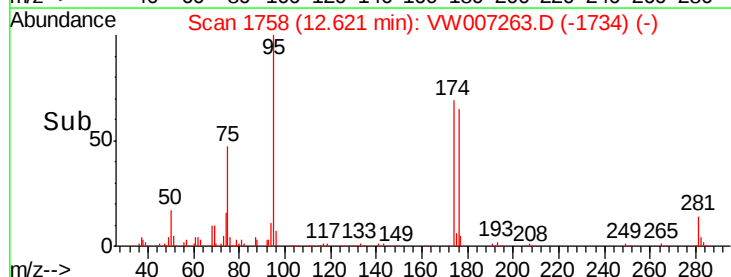
75 100

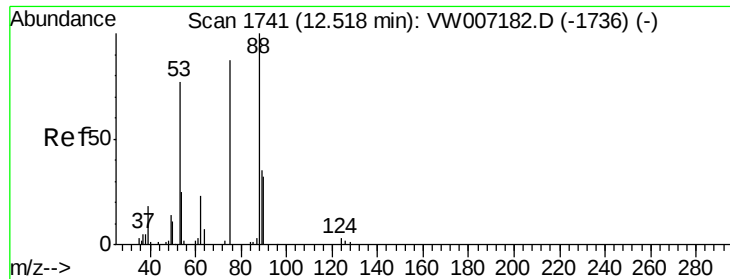
77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

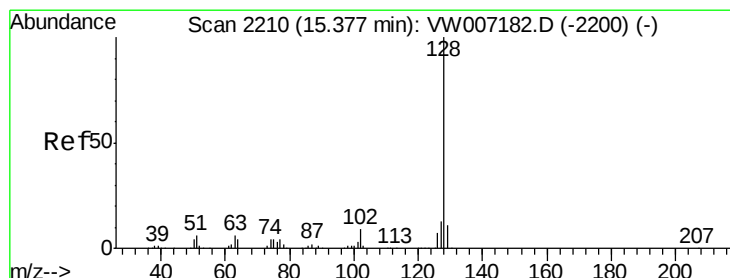
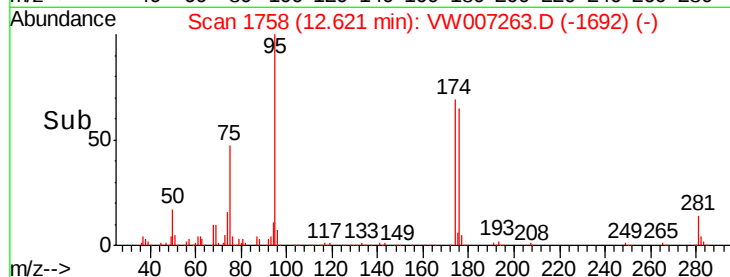
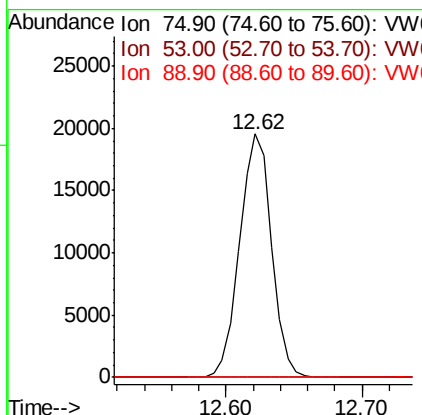
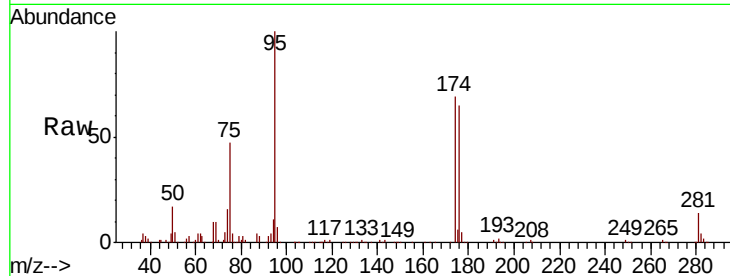




#81
trans-1,4-Dichloro-2-butene
Concen: 119.097 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.10 min
Lab File: VW007263.D
Acq: 06 Dec 2018 07:04

Instrument :
MSVOA_W
ClientSampleId :
NM-342-135-120418

Tot Ion: 75 Resp: 31977
Ion Ratio Lower Upper
75 100
53 0.0 72.8 109.2#
89 0.0 36.4 54.6#



#95
Naphthalene
Concen: 2.287 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007263.D
Acq: 06 Dec 2018 07:04

Tgt Ion: 128 Resp: 6624
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 10.1 8.6 13.0

