

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122418\
 Data File : VW007852.D
 Acq On : 22 Dec 2018 19:20
 Operator : SY/AP
 Sample : J6388-13RE
 Misc : 6.06G/5ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS010-1824-01RE

Quant Time: Dec 23 23:56:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	54000	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	95146	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	66624	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	19386	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	35530	60.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.06%	
35) Dibromofluoromethane	7.88	113	29747	51.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.50%	
50) Toluene-d8	10.32	98	96171	43.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.90%	
62) 4-Bromofluorobenzene	12.62	95	26334	31.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.30%	

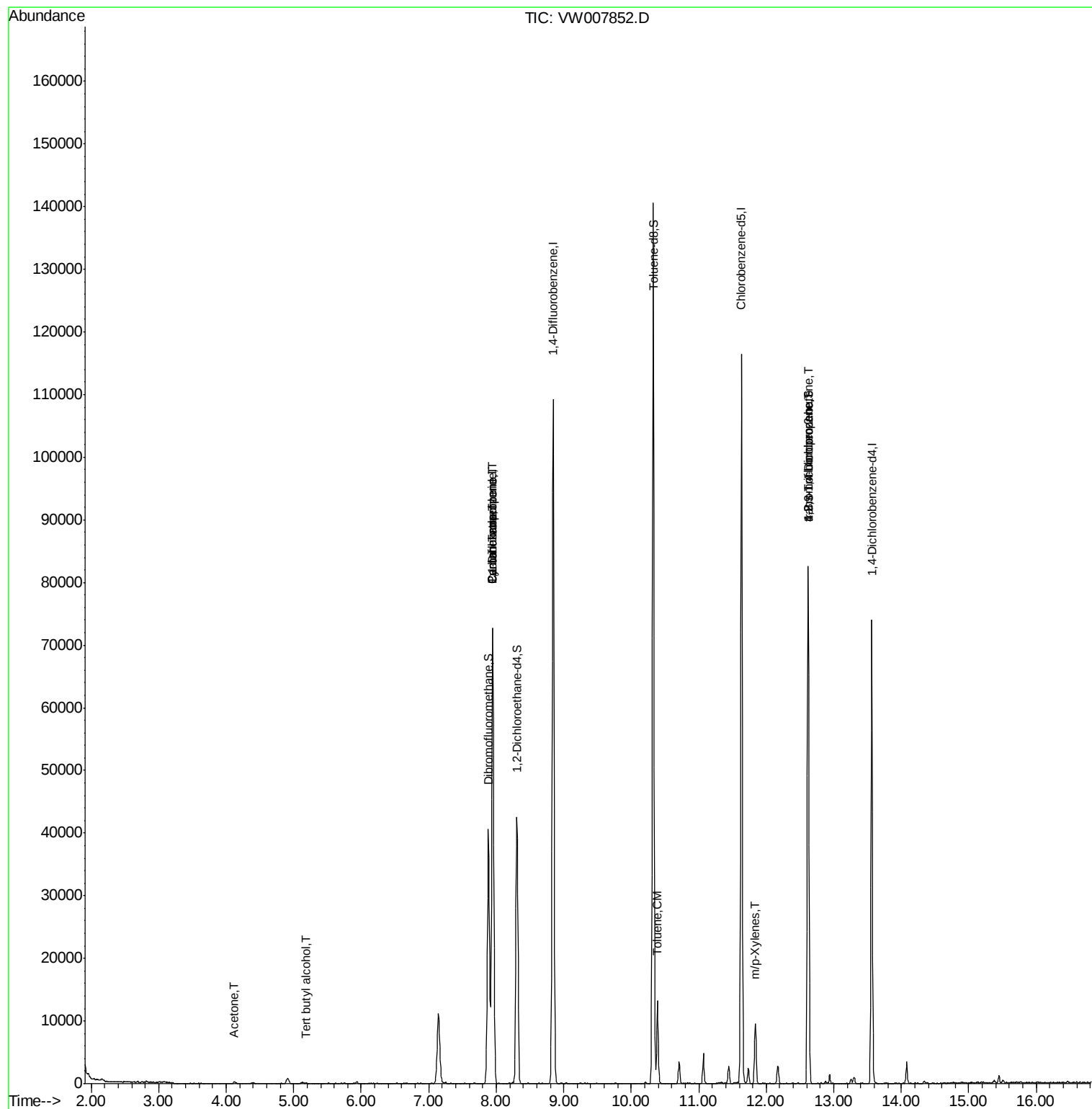
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	87	2.179	ug/l #	73
16) Acetone	4.11	43	640	5.774	ug/l #	48
20) Methylene Chloride	4.91	84	615	Below Cal	#	76
31) Cyclohexane	7.95	56	1104	1.253	ug/l #	12
36) 1,1-Dichloropropene	7.95	75	4006	4.362	ug/l #	48
38) Carbon Tetrachloride	7.95	117	5554	5.135	ug/l #	15
52) Toluene	10.39	92	5968	3.630	ug/l	99
68) m/p-Xylenes	11.84	106	3077	3.206	ug/l	96
76) 1,2,3-Trichloropropane	12.62	75	12855	85.794	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	12855	180.088	ug/l #	9

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

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QLast Update : Thu Dec 20 06:30:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW007852.D

Acq: 22 Dec 2018 19:20

Instrument :

MSVOA_W

ClientSampleId :

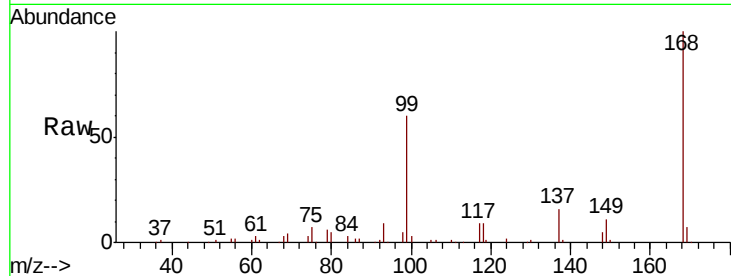
P001-SS010-1824-01RE

Tgt Ion:168 Resp: 54000

Ion Ratio Lower Upper

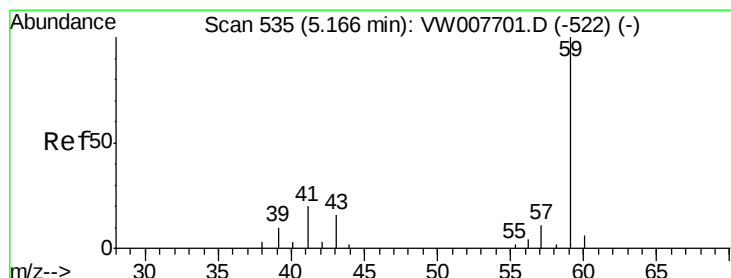
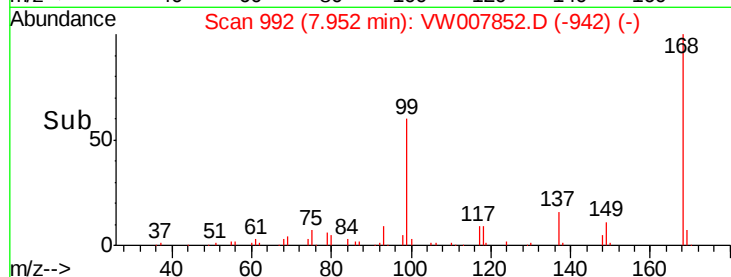
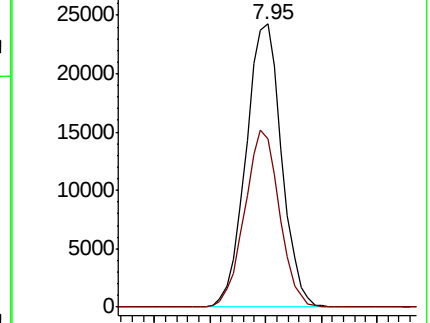
168 100

99 59.6 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 2.179 ug/l

RT: 5.18 min Scan# 537

Delta R.T. 0.01 min

Lab File: VW007852.D

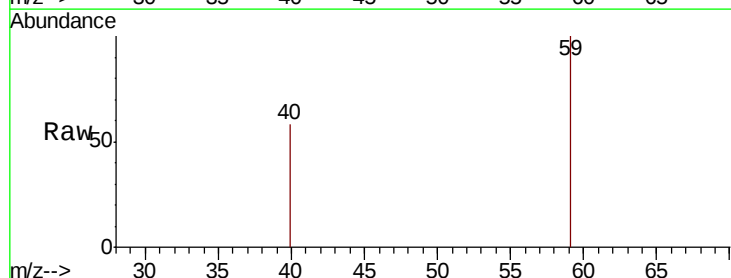
Acq: 22 Dec 2018 19:20

Tgt Ion: 59 Resp: 87

Ion Ratio Lower Upper

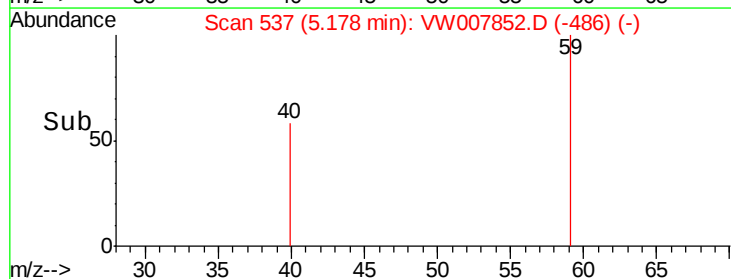
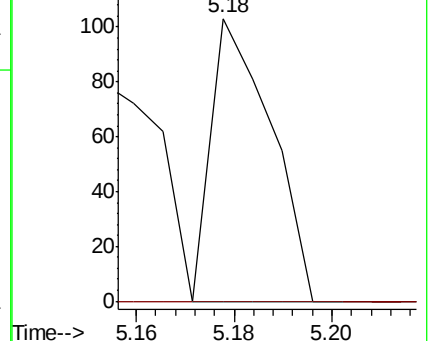
59 100

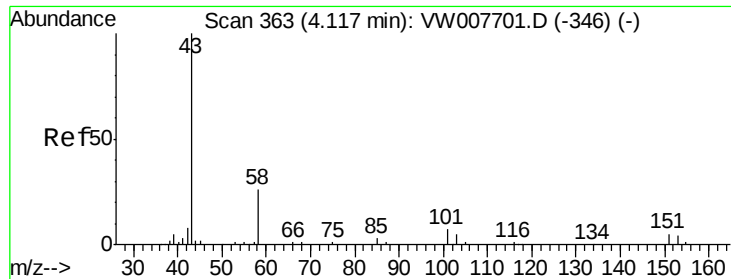
57 0.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 5.774 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW007852.D

Acq: 22 Dec 2018 19:20

Instrument :

MSVOA_W

ClientSampleId :

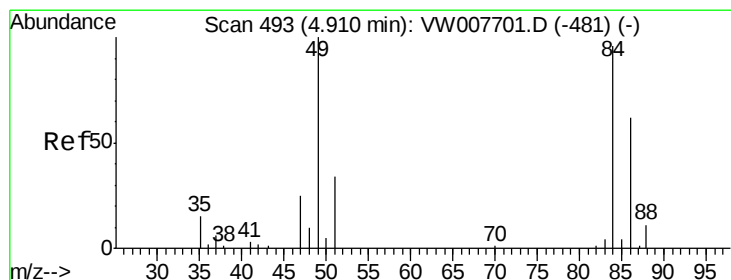
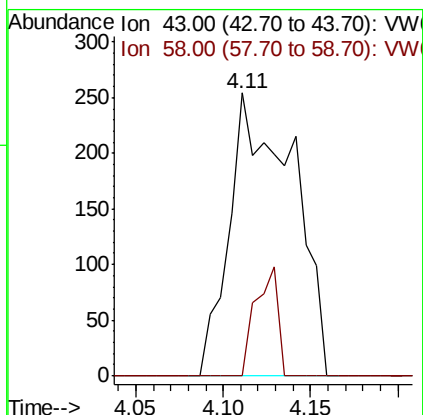
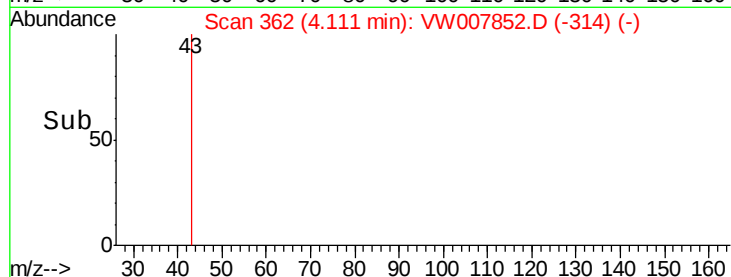
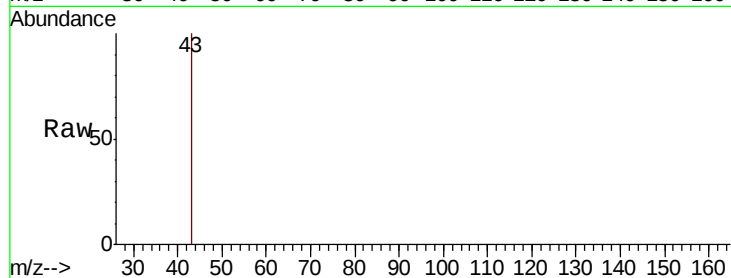
P001-SS010-1824-01RE

Tgt Ion: 43 Resp: 640

Ion Ratio Lower Upper

43 100

58 0.0 21.2 31.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW007852.D

Acq: 22 Dec 2018 19:20

Tgt Ion: 84 Resp: 615

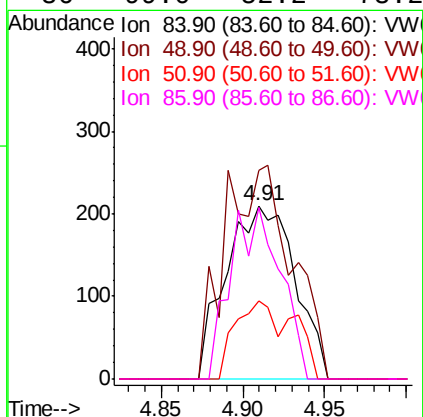
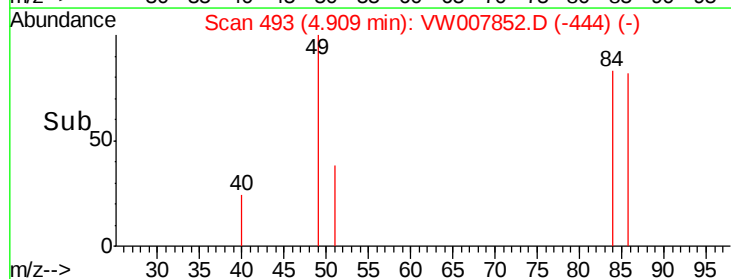
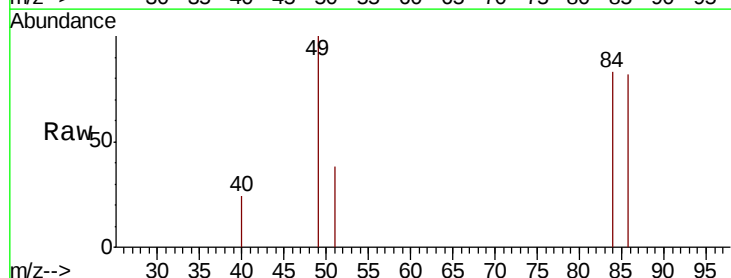
Ion Ratio Lower Upper

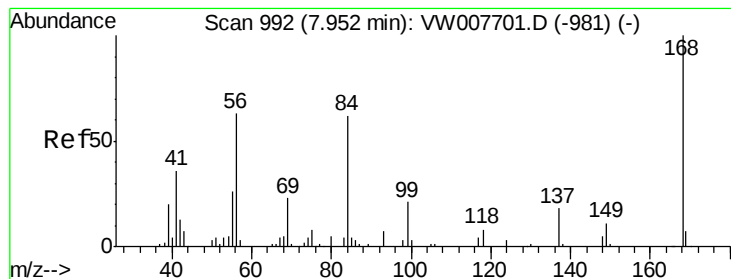
84 100

49 120.5 83.7 125.5

51 45.2 28.2 42.2#

86 99.0 52.2 78.2#





#31

Cyclohexane

Concen: 1.253 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007852.D

Acq: 22 Dec 2018 19:20

Instrument :

MSVOA_W

ClientSampleId :

P001-SS010-1824-01RE

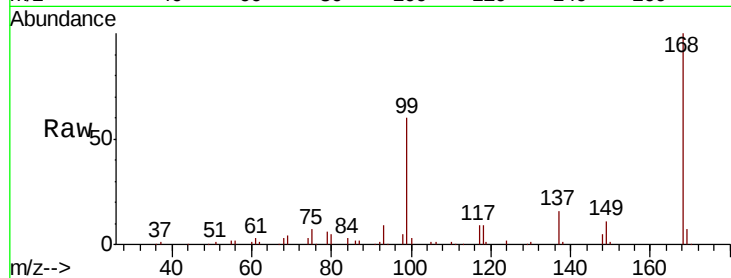
Tgt Ion: 56 Resp: 1104

Ion Ratio Lower Upper

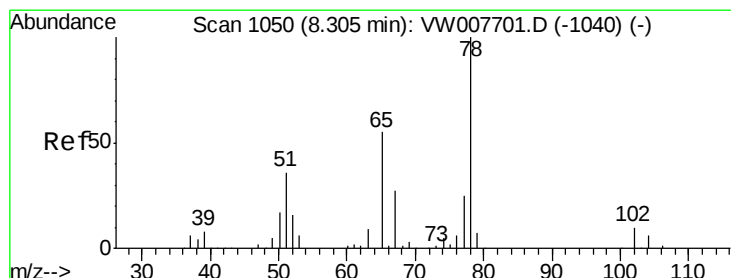
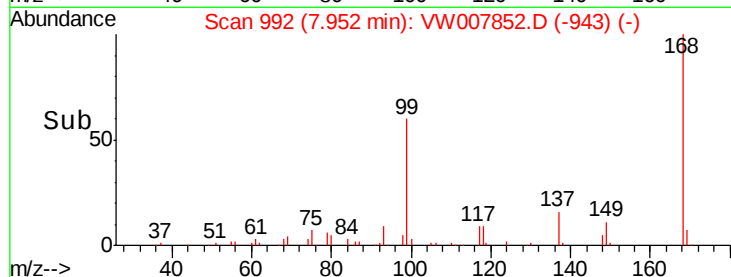
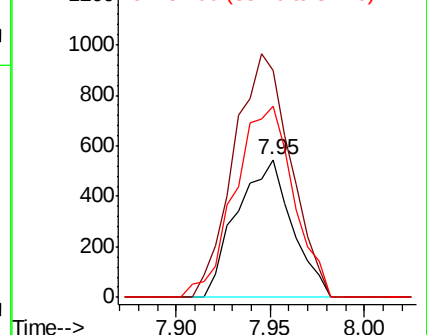
56 100

69 164.7 29.7 44.5#

84 139.0 78.9 118.3#



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: 60.031 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007852.D

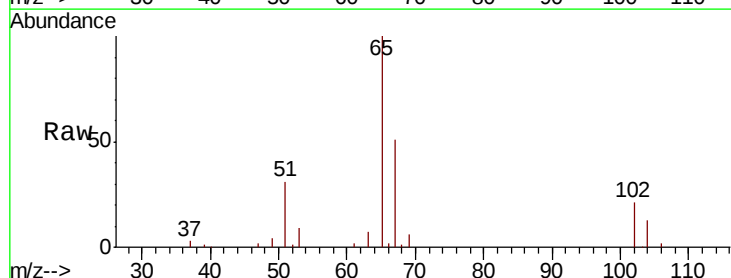
Acq: 22 Dec 2018 19:20

Tgt Ion: 65 Resp: 35530

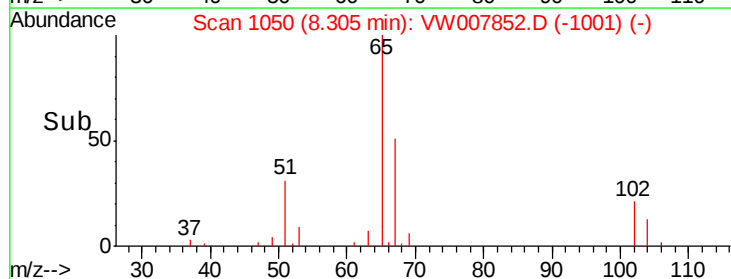
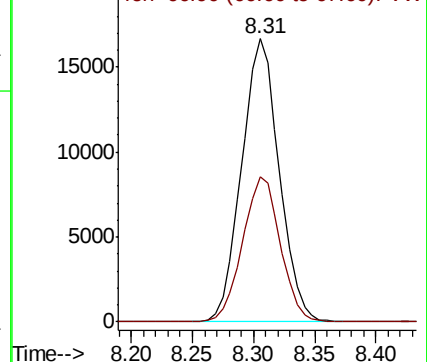
Ion Ratio Lower Upper

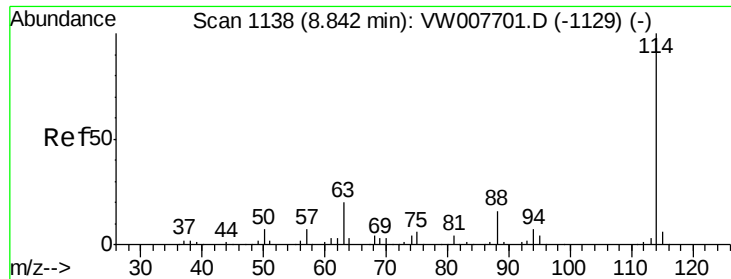
65 100

67 51.5 0.0 100.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

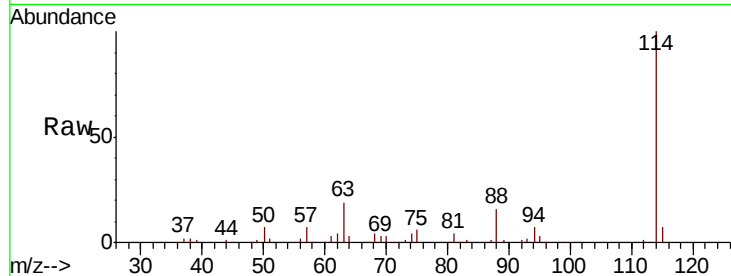




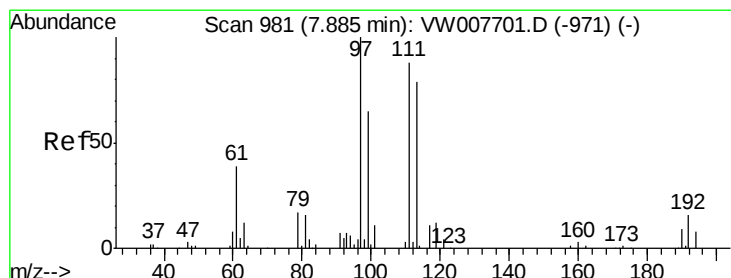
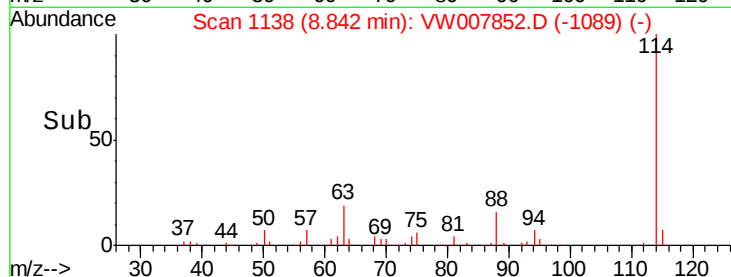
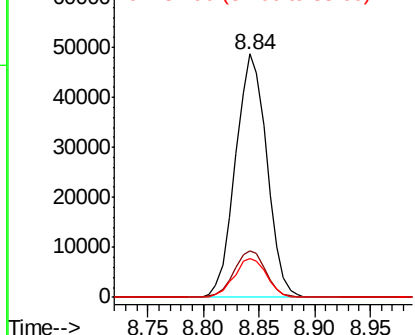
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007852.D
 Acq: 22 Dec 2018 19:20

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 MSVOA_W
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 P001-SS010-1824-01RE

Tgt Ion:114 Resp: 95146
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 40.0
 88 15.9 0.0 32.6

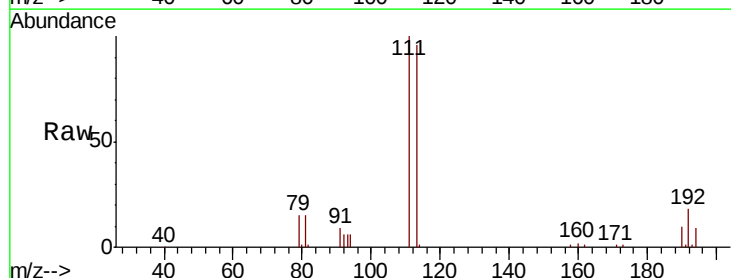


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

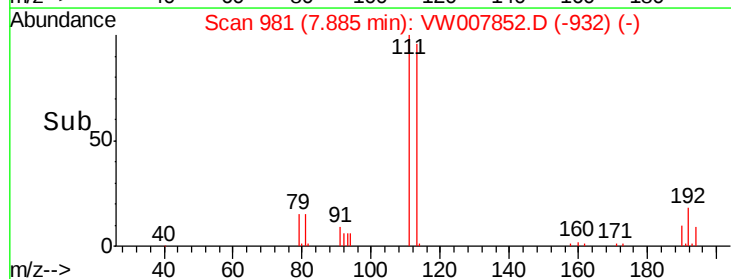
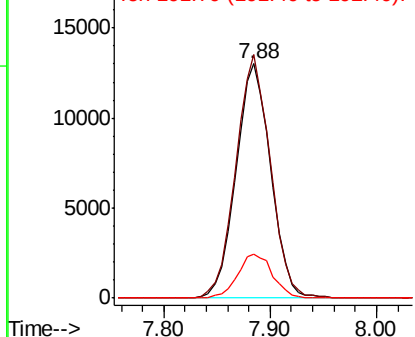


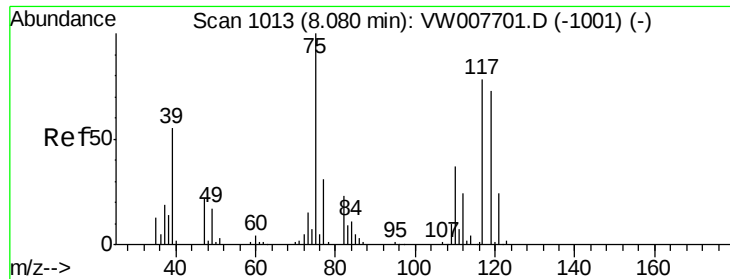
#35
 Dibromofluoromethane
 Concen: 51.249 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007852.D
 Acq: 22 Dec 2018 19:20

Tgt Ion:113 Resp: 29747
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.6 124.0
 192 18.9 15.5 23.3



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

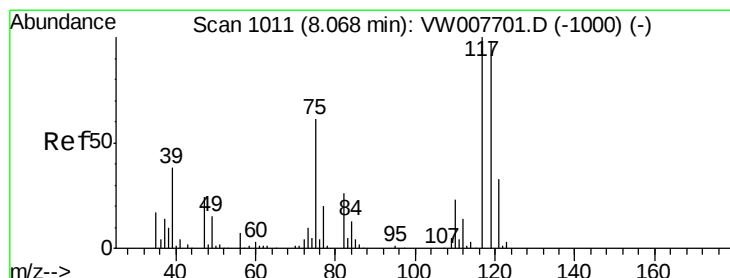
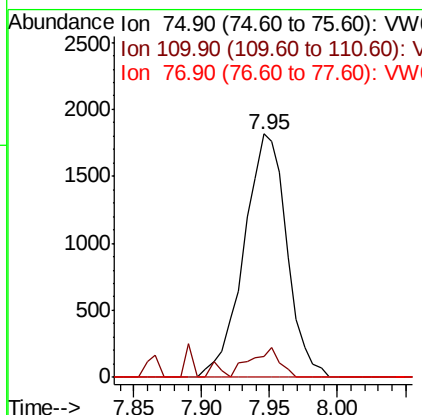
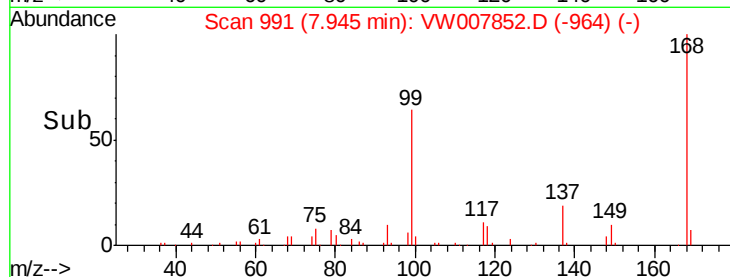
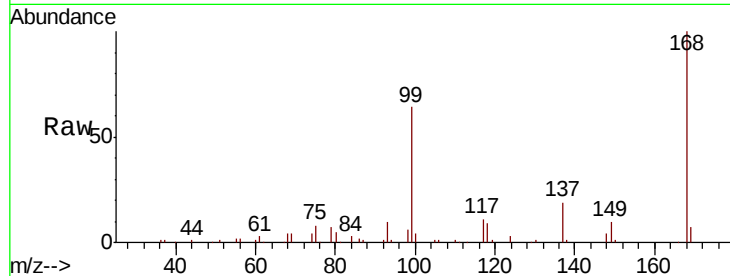




#36
 1,1-Dichloropropene
 Concen: 4.362 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007852.D
 Acq: 22 Dec 2018 19:20

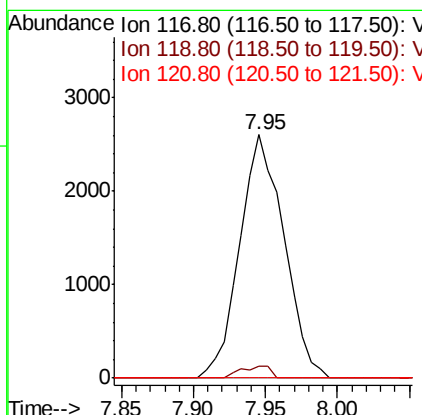
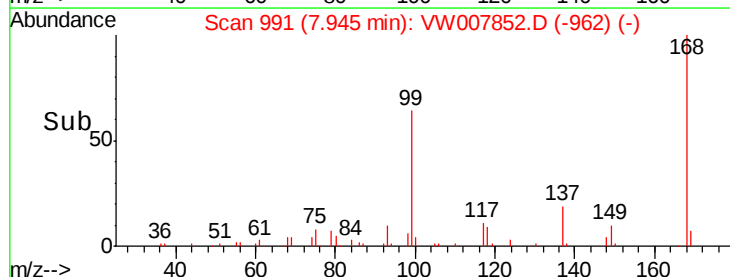
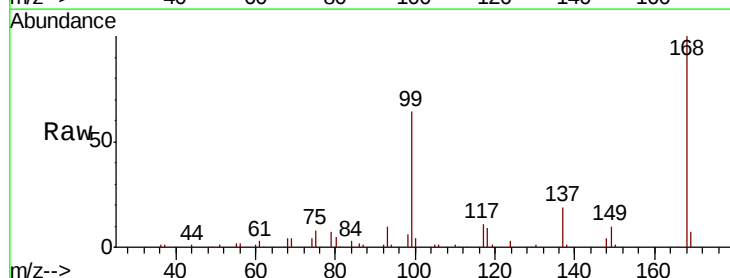
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS010-1824-01RE

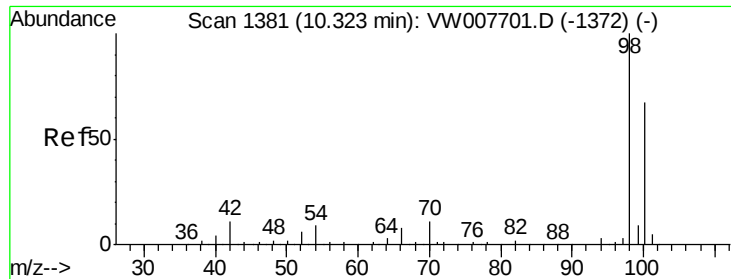
Tgt Ion: 75 Resp: 4006
 Ion Ratio Lower Upper
 75 100
 110 8.3 18.6 55.8#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.135 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW007852.D
 Acq: 22 Dec 2018 19:20

Tgt Ion: 117 Resp: 5554
 Ion Ratio Lower Upper
 117 100
 119 5.0 78.2 117.2#
 121 0.0 26.1 39.1#





#50

Toluene-d8

Concen: 43.950 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007852.D

Acq: 22 Dec 2018 19:20

Instrument :

MSVOA_W

ClientSampleId :

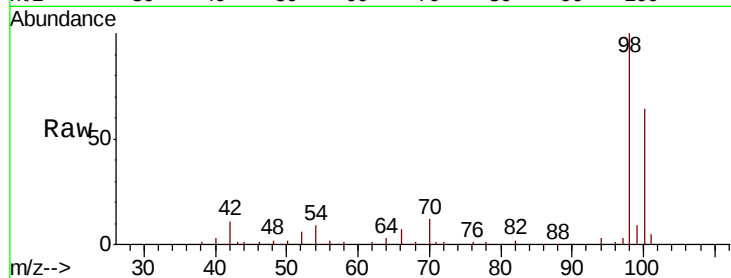
P001-SS010-1824-01RE

Tgt Ion: 98 Resp: 96171

Ion Ratio Lower Upper

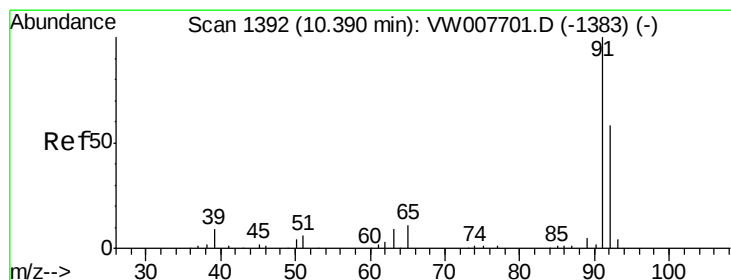
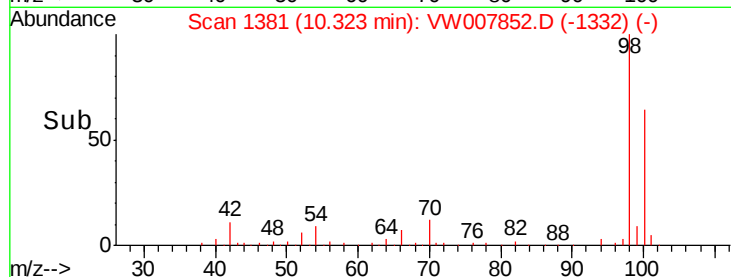
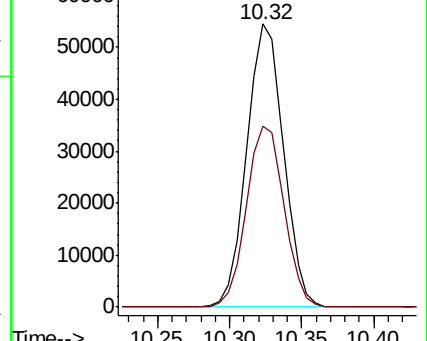
98 100

100 65.4 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#52

Toluene

Concen: 3.630 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007852.D

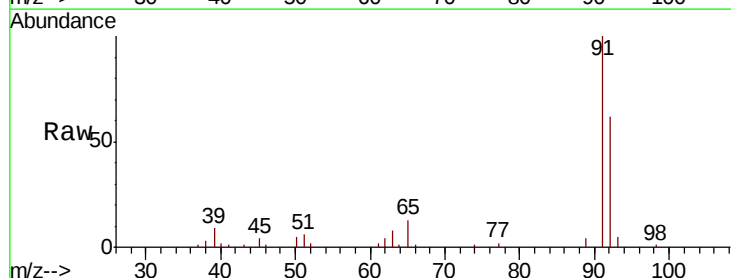
Acq: 22 Dec 2018 19:20

Tgt Ion: 92 Resp: 5968

Ion Ratio Lower Upper

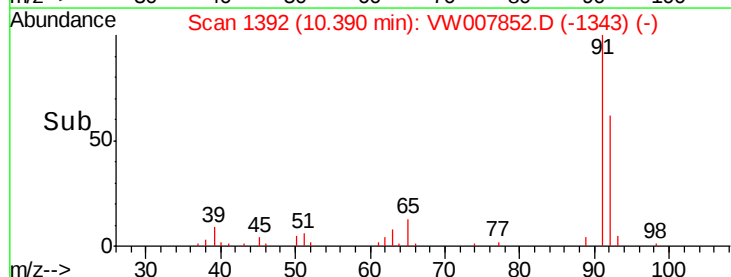
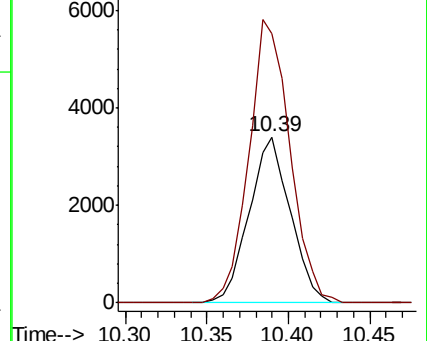
92 100

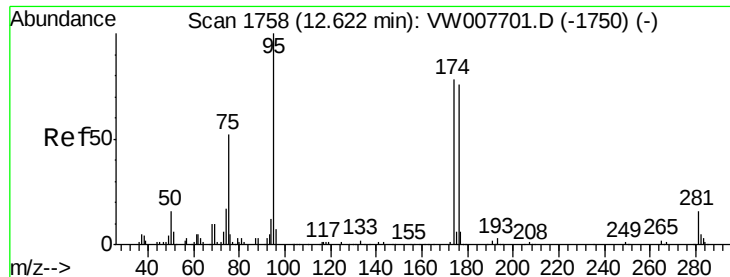
91 170.2 137.0 205.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

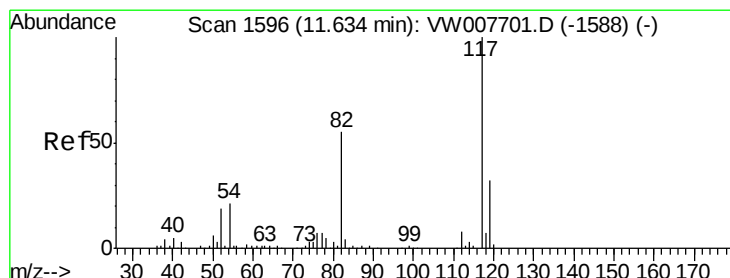
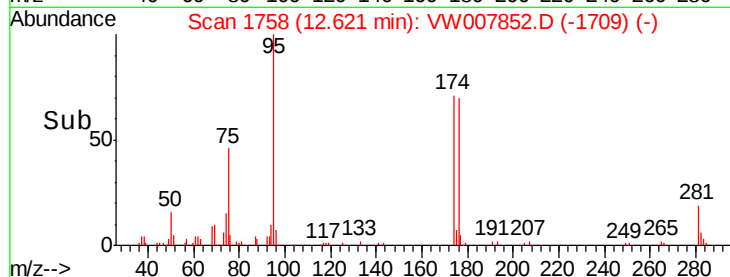
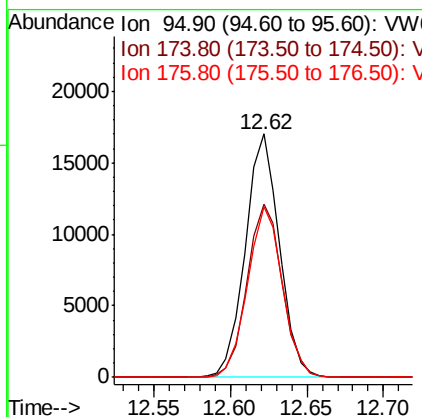
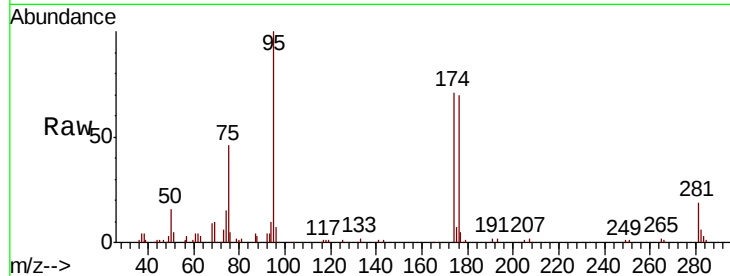




#62
4-Bromofluorobenzene
Concen: 31.152 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007852.D
Acq: 22 Dec 2018 19:20

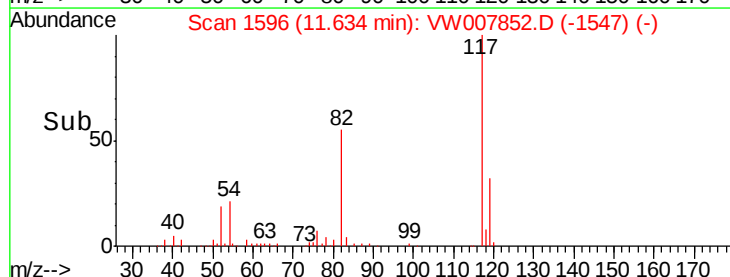
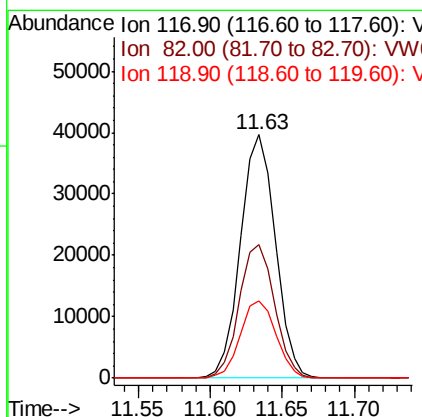
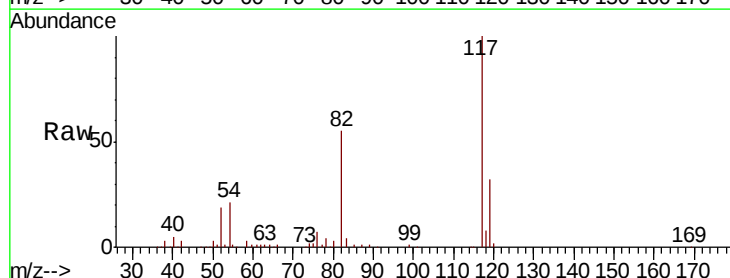
Instrument :
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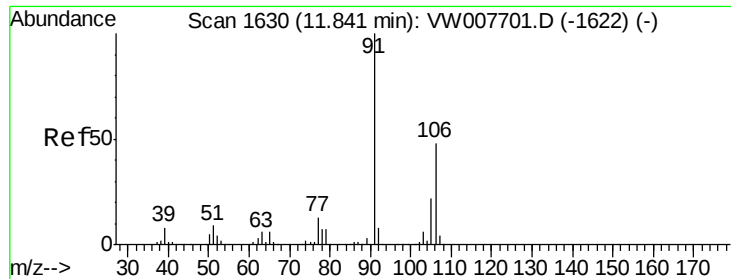
Tgt Ion: 95 Resp: 26334
Ion Ratio Lower Upper
95 100
174 73.2 0.0 152.2
176 71.6 0.0 146.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007852.D
Acq: 22 Dec 2018 19:20

Tgt Ion: 117 Resp: 66624
Ion Ratio Lower Upper
117 100
82 55.0 44.3 66.5
119 31.6 25.7 38.5

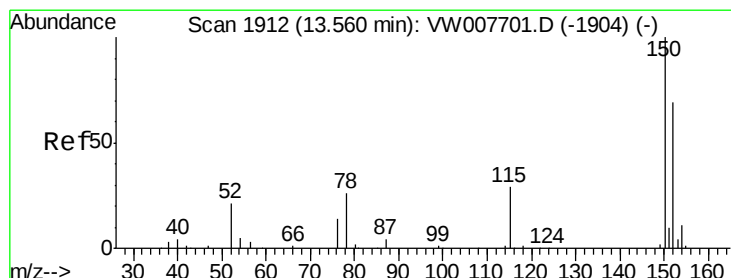
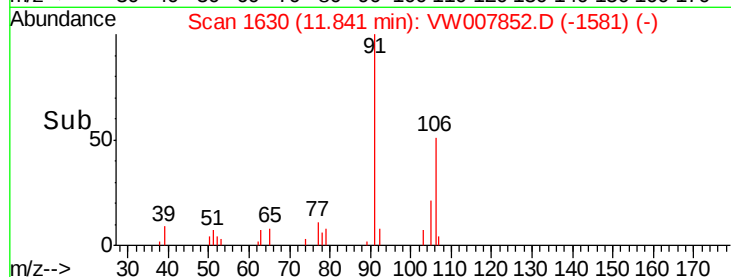
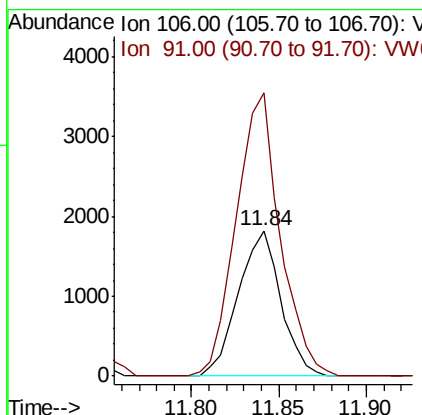
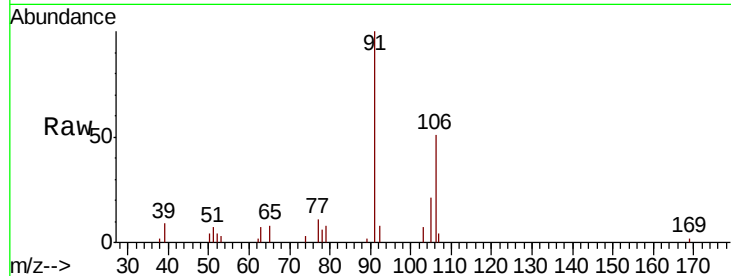




#68
m/p-Xylenes
Concen: 3.206 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007852.D
Acq: 22 Dec 2018 19:20

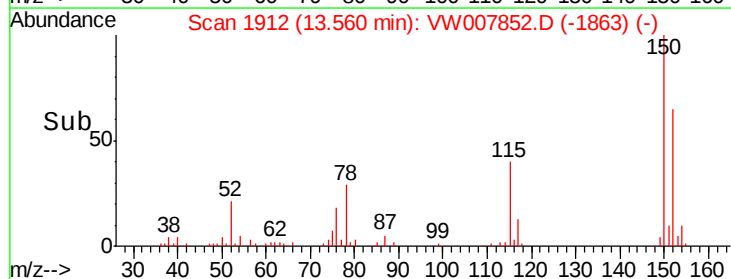
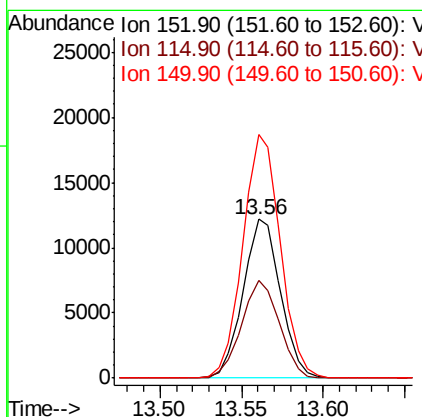
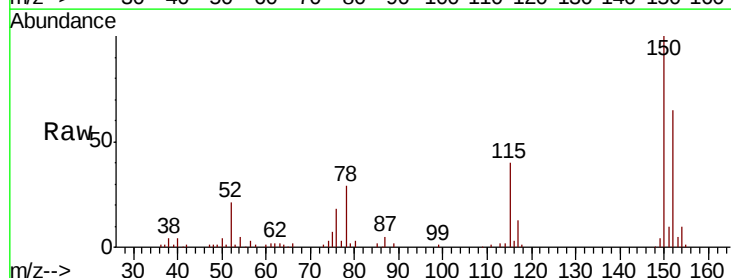
Instrument :
MSVOA_W
ClientSampleId :
P001-SS010-1824-01RE

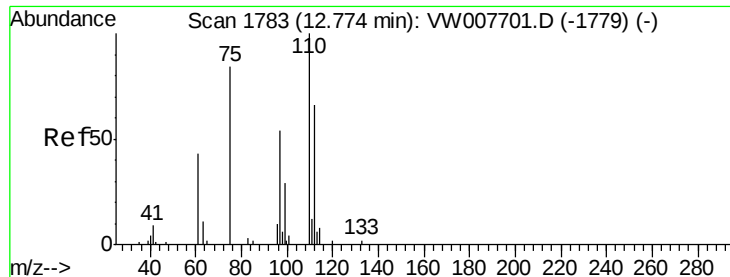
Tgt Ion:106 Resp: 3077
Ion Ratio Lower Upper
106 100
91 200.9 165.2 247.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007852.D
Acq: 22 Dec 2018 19:20

Tgt Ion:152 Resp: 19386
Ion Ratio Lower Upper
152 100
115 62.6 31.8 95.4
150 154.3 0.0 350.8





#76

1,2,3-Trichloropropane

Concen: 85.794 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007852.D

Acq: 22 Dec 2018 19:20

Instrument :

MSVOA_W

ClientSampleId :

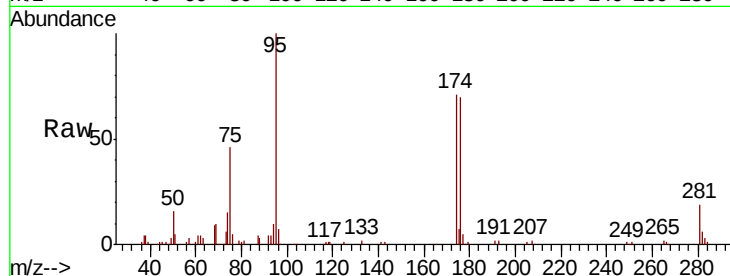
P001-SS010-1824-01RE

Tgt Ion: 75 Resp: 12855

Ion Ratio Lower Upper

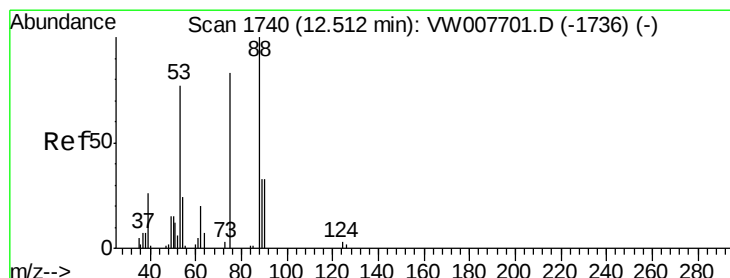
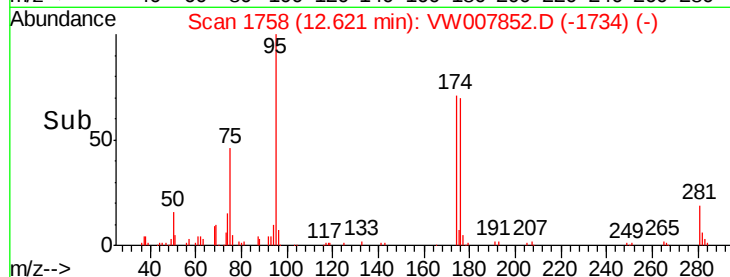
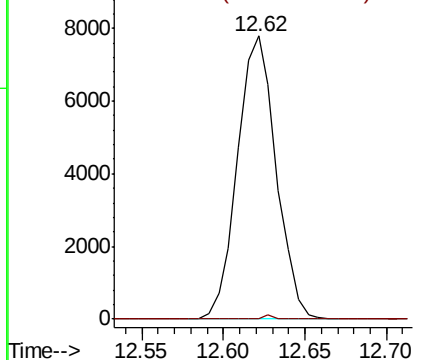
75 100

77 0.3 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: 180.088 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW007852.D

Acq: 22 Dec 2018 19:20

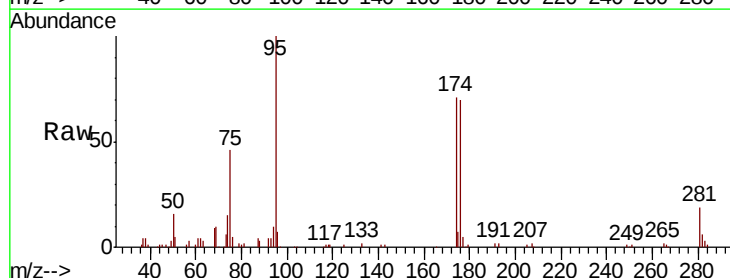
Tgt Ion: 75 Resp: 12855

Ion Ratio Lower Upper

75 100

53 0.0 80.2 120.2#

89 0.2 39.2 58.8#



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

