

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112218\
 Data File : VW007035.D
 Acq On : 22 Nov 2018 08:25
 Operator : VAY/AP
 Sample : J6028-03
 Misc : 5.57G/5ML/MSVOA W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 22 23:46:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

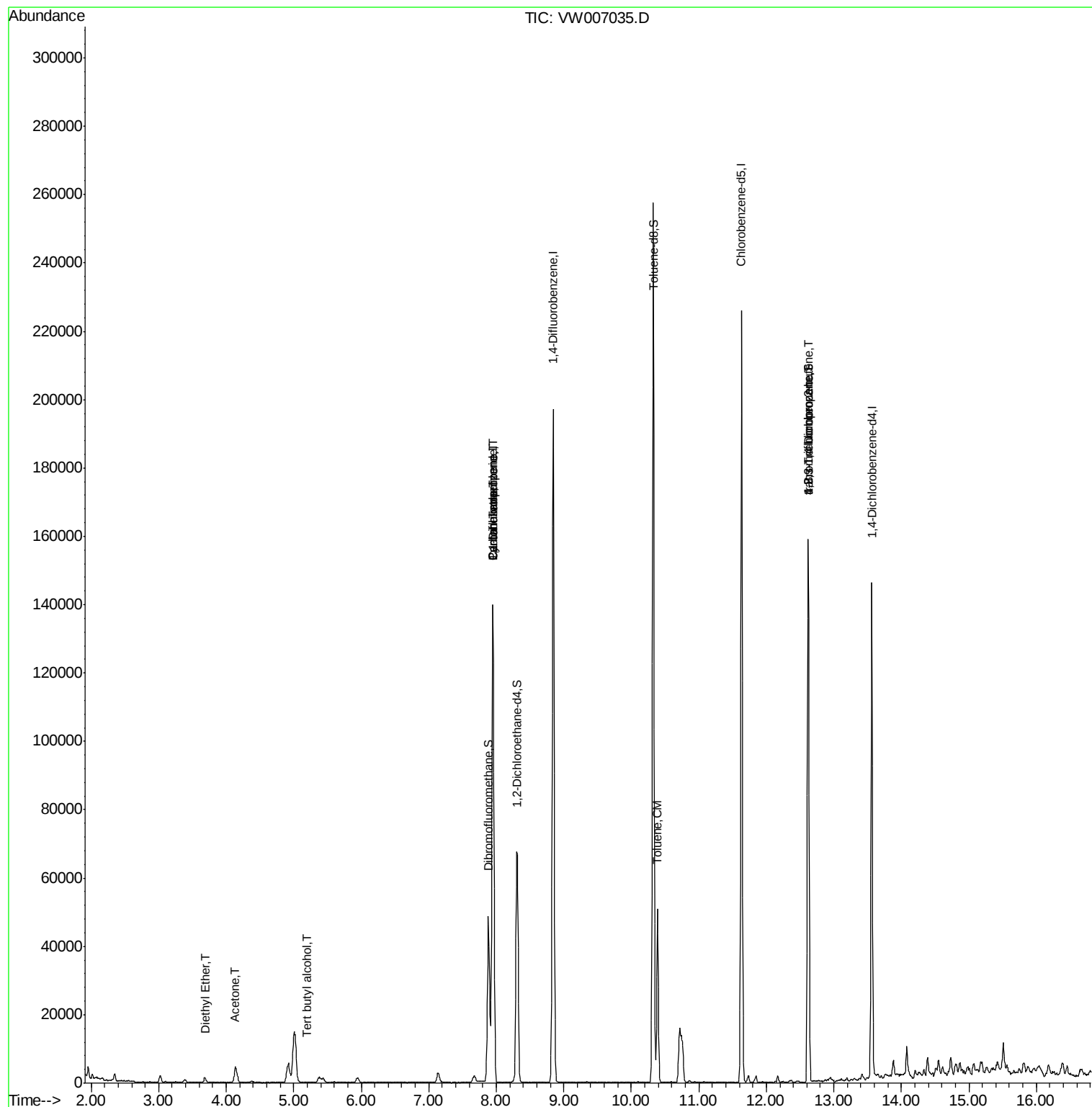
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	103273	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	167803	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	125533	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	37482	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	55109	54.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.02%	
35) Dibromofluoromethane	7.88	113	36472	38.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.98%	
50) Toluene-d8	10.32	98	179341	42.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.72%	
62) 4-Bromofluorobenzene	12.62	95	52489	31.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	63.76%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.69	74	718	1.355	ug/l	100
11) Tert butyl alcohol	5.20	59	99	1.504	ug/l #	71
16) Acetone	4.14	43	8028	54.689	ug/l	98
20) Methylene Chloride	4.91	84	4316	Below Cal	#	82
31) Cyclohexane	7.95	56	2084	1.070	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	8165	4.979	ug/l #	49
38) Carbon Tetrachloride	7.95	117	10785	6.868	ug/l #	18
52) Toluene	10.39	92	21741	7.217	ug/l	100
76) 1,2,3-Trichloropropane	12.62	75	25631	87.023	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	25631	218.480	ug/l #	10

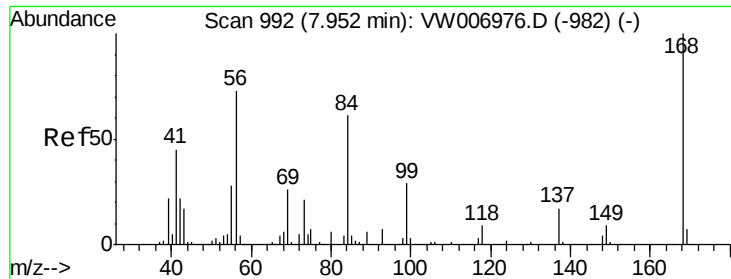
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 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: VW007035.D

Acq: 22 Nov 2018 08:25

Instrument :

MSVOA_W

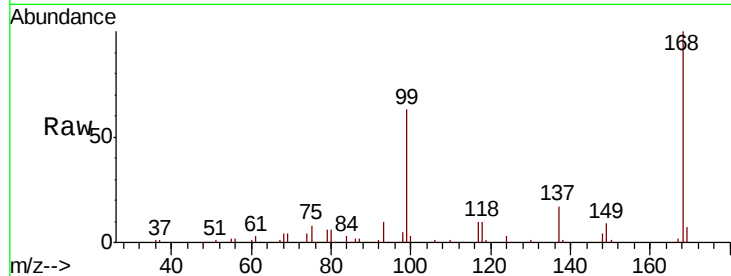
ClientSampleId :

Tot Ion:168 Resp: 103273

Ion Ratio Lower Upper

168 100

99 62.5 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

50000

40000

30000

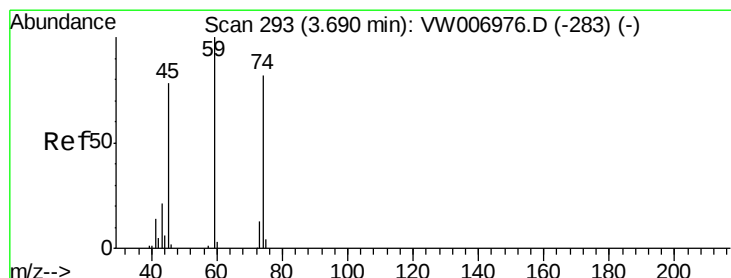
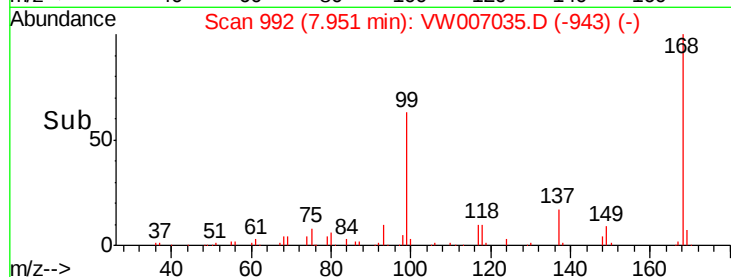
20000

10000

0

Time-->

7.90 8.00



#8

Diethyl Ether

Concen: 1.355 ug/l

RT: 3.69 min Scan# 293

Delta R.T. -0.00 min

Lab File: VW007035.D

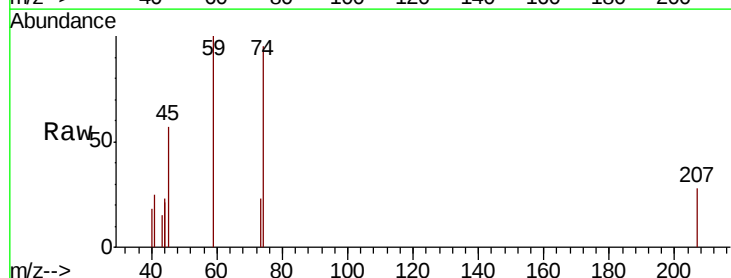
Acq: 22 Nov 2018 08:25

Tgt Ion: 74 Resp: 718

Ion Ratio Lower Upper

74 100

45 96.9 48.4 145.2



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.69

400

300

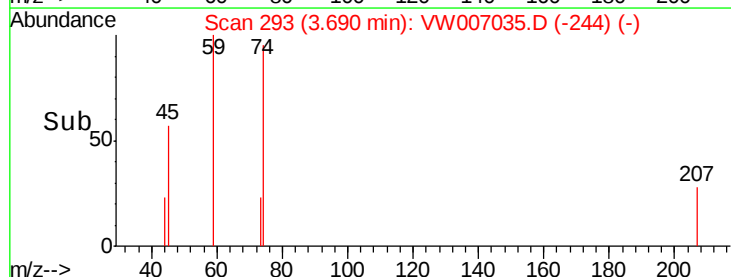
200

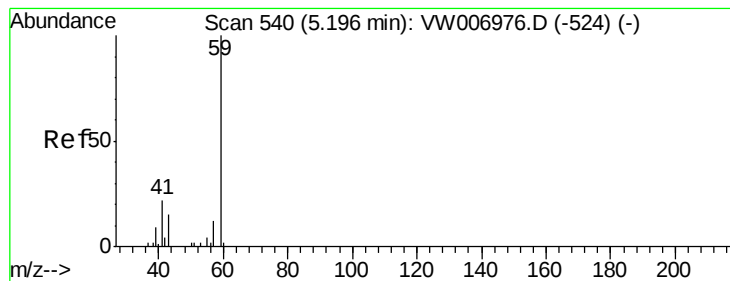
100

0

Time-->

3.65 3.70 3.75





#11

Tert butyl alcohol

Concen: 1.504 ug/l

RT: 5.20 min Scan# 540

Delta R.T. -0.00 min

Lab File: VW007035.D

Acq: 22 Nov 2018 08:25

Instrument :

MSVOA_W

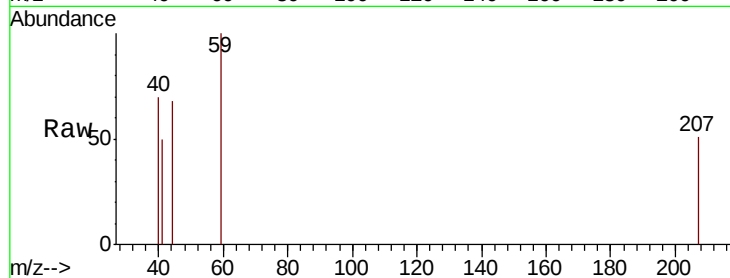
ClientSampled :

Tot Ion: 59 Resp: 99

Ion Ratio Lower Upper

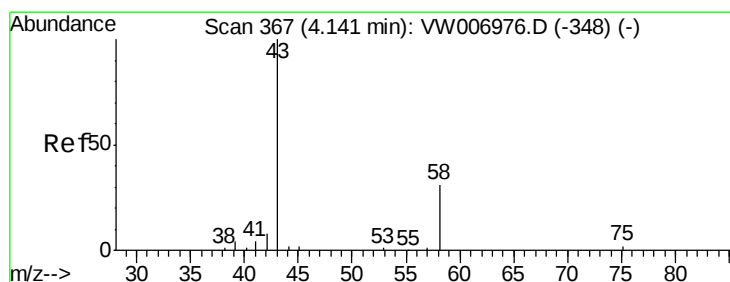
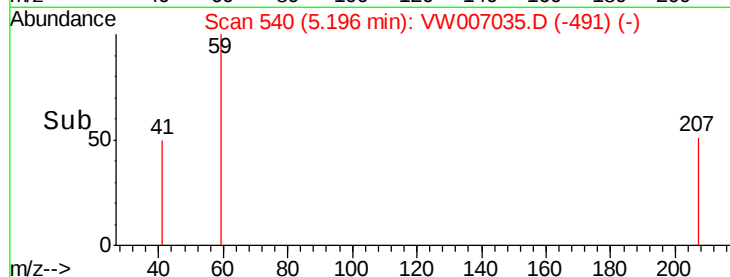
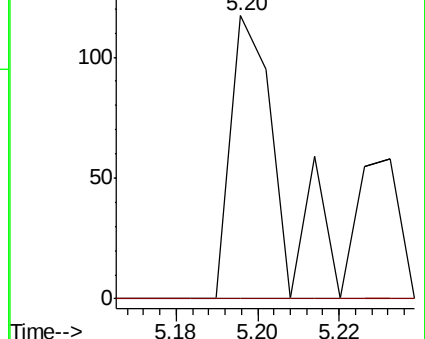
59 100

57 0.0 8.6 13.0#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW



#16

Acetone

Concen: 54.689 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW007035.D

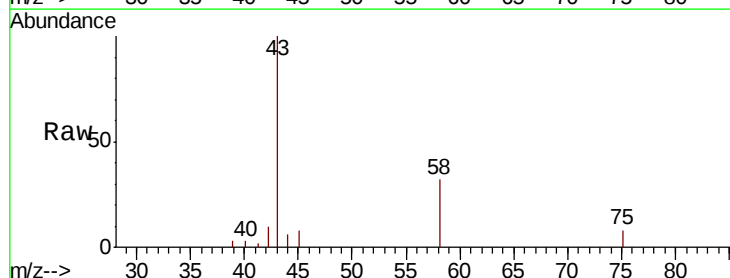
Acq: 22 Nov 2018 08:25

Tgt Ion: 43 Resp: 8028

Ion Ratio Lower Upper

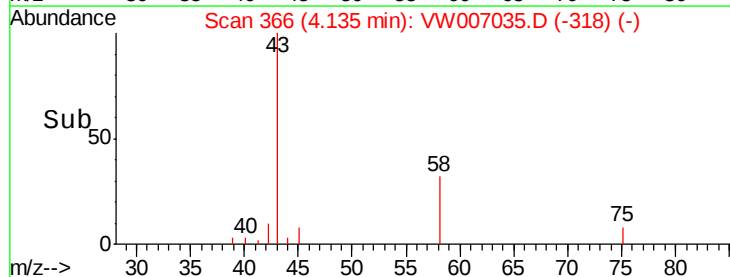
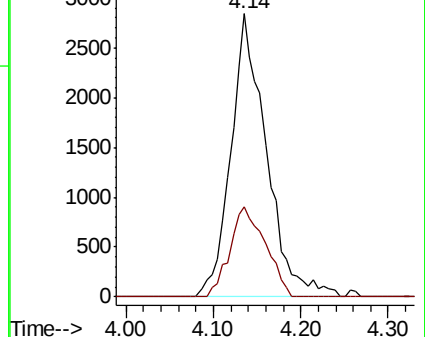
43 100

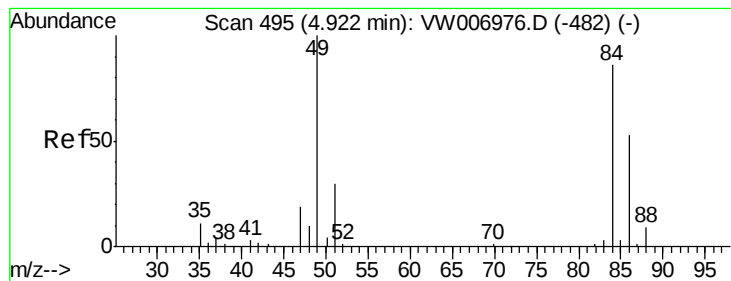
58 32.0 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methvlene Chloride

Concen: Below Cal

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW007035.D

Acq: 22 Nov 2018 08:25

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 84 Resp: 4316

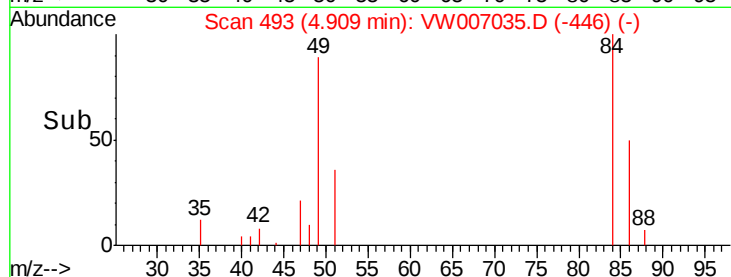
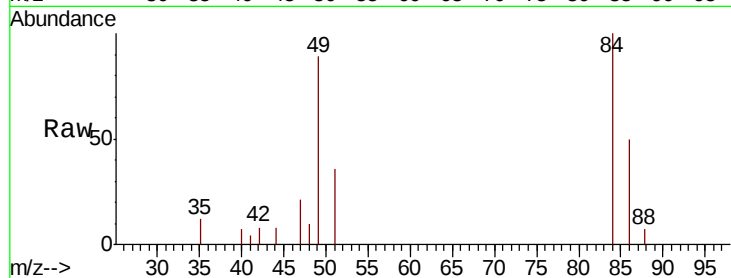
Ion Ratio Lower Upper

84 100

49 89.5 93.4 140.0#

51 36.1 28.4 42.6

86 50.2 49.8 74.8

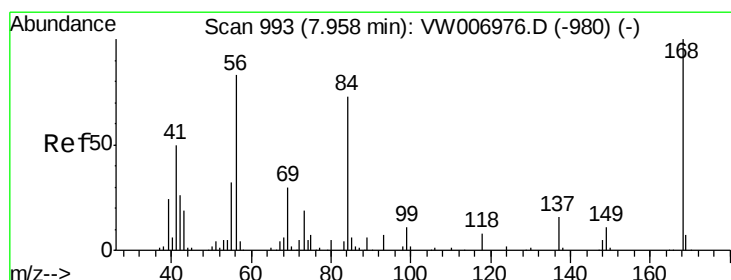
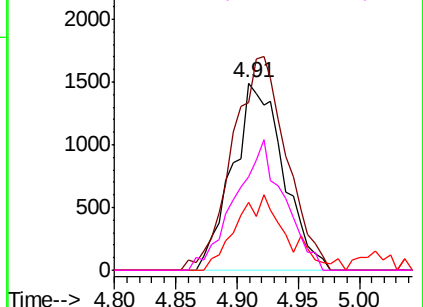


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 1.070 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007035.D

Acq: 22 Nov 2018 08:25

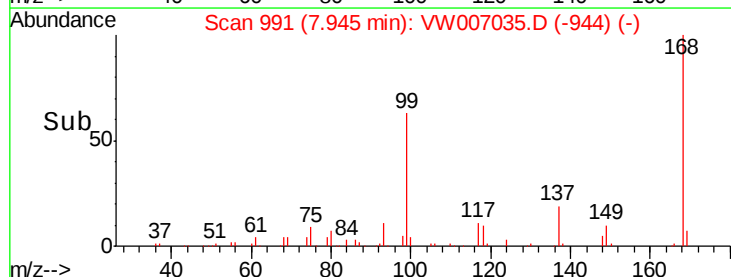
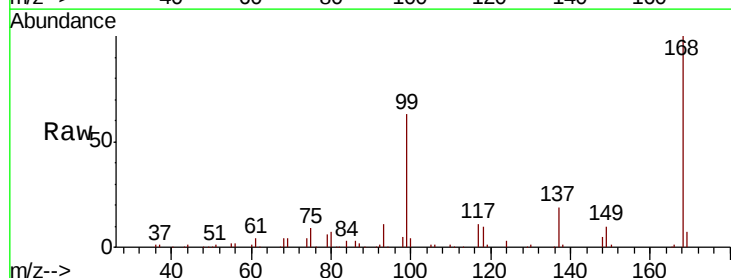
Tgt Ion: 56 Resp: 2084

Ion Ratio Lower Upper

56 100

69 191.3 29.1 43.7#

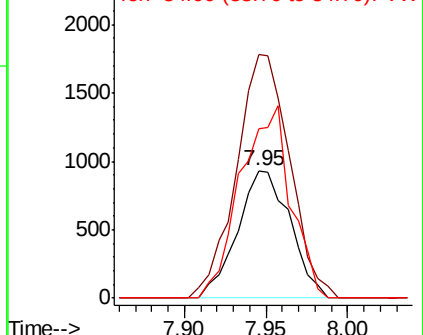
84 133.2 70.6 105.8#

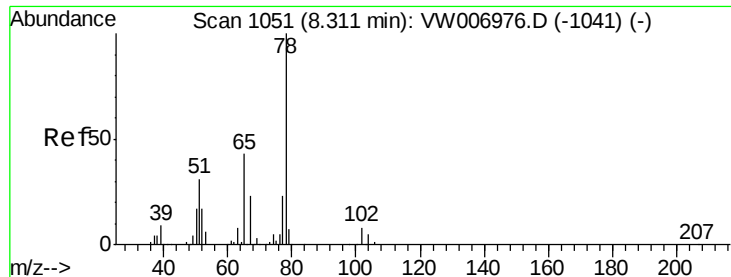


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW





#33

1,2-Dichloroethane-d4

Concen: 54.506 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW007035.D

Acq: 22 Nov 2018 08:25

Instrument :

MSVOA_W

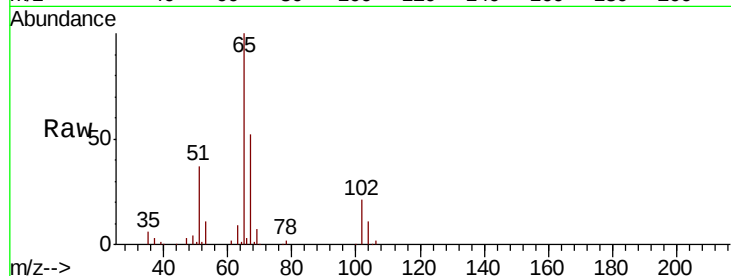
ClientSampleId :

Tot Ion: 65 Resp: 55109

Ion Ratio Lower Upper

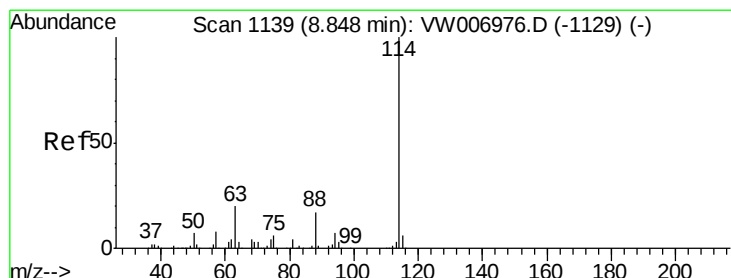
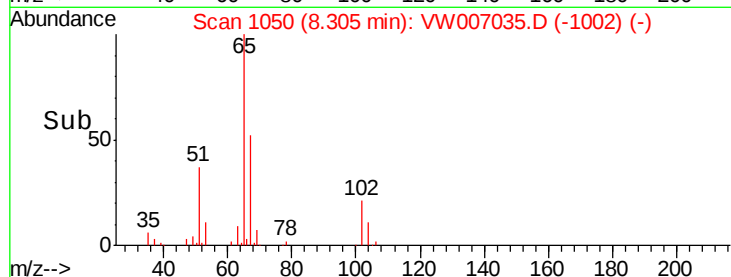
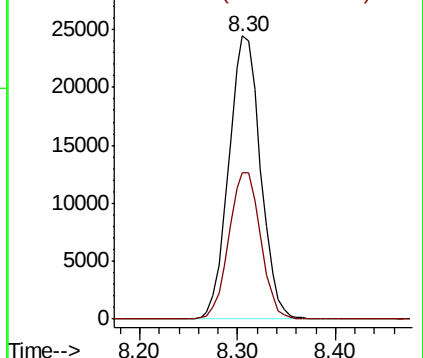
65 100

67 51.6 0.0 106.2



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. -0.01 min

Lab File: VW007035.D

Acq: 22 Nov 2018 08:25

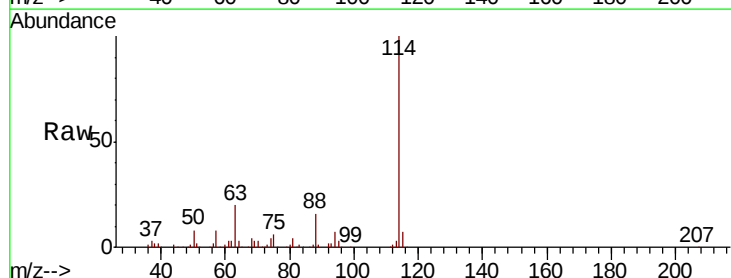
Tgt Ion: 114 Resp: 167803

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.4

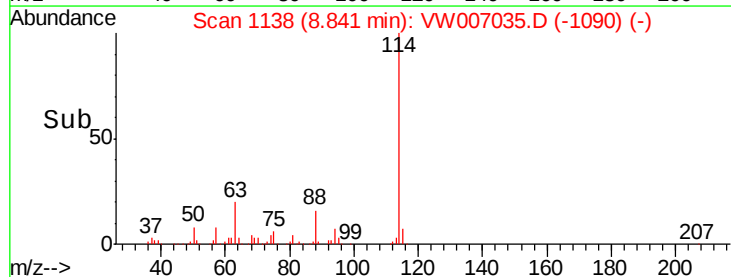
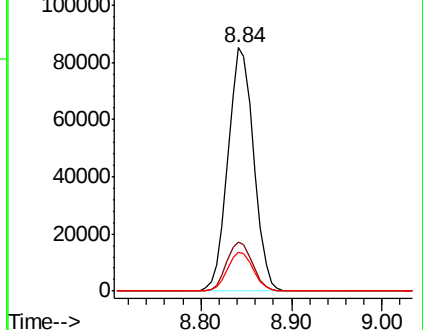
88 16.1 0.0 34.2

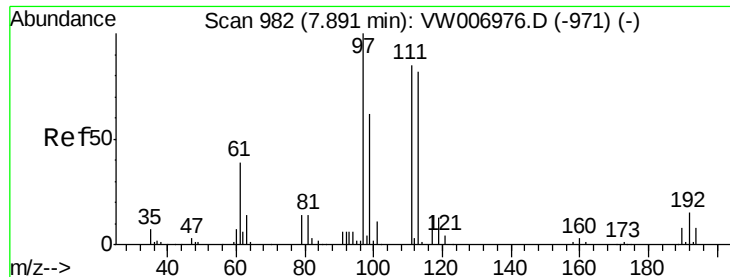


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 38.488 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW007035.D

Acq: 22 Nov 2018 08:25

Instrument :

MSVOA_W

ClientSampleId :

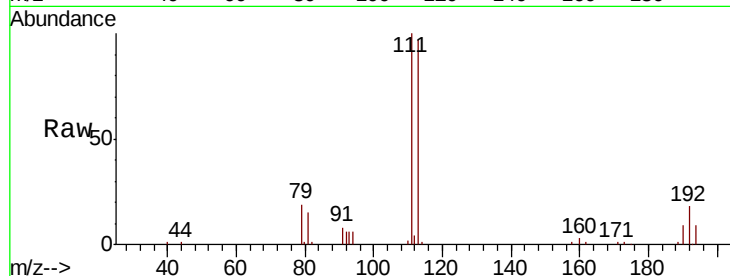
Tot Ion:113 Resp: 36472

Ion Ratio Lower Upper

113 100

111 102.9 81.0 121.6

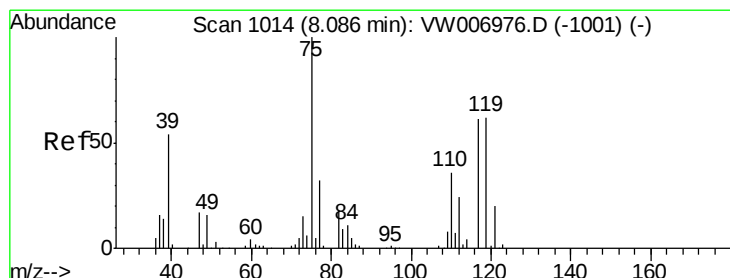
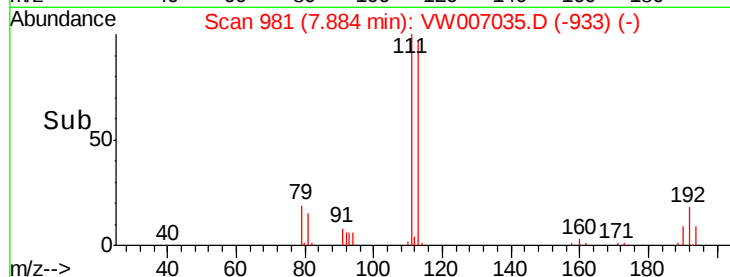
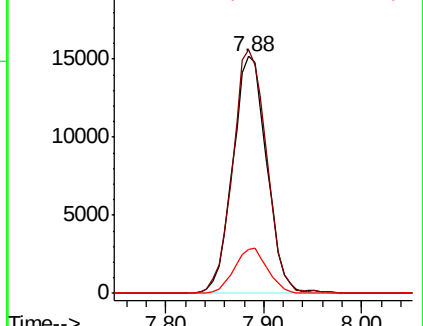
192 18.5 15.0 22.6



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: 4.979 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW007035.D

Acq: 22 Nov 2018 08:25

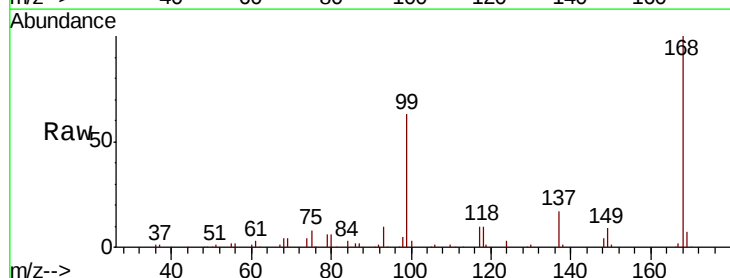
Tgt Ion: 75 Resp: 8165

Ion Ratio Lower Upper

75 100

110 8.7 18.0 54.0#

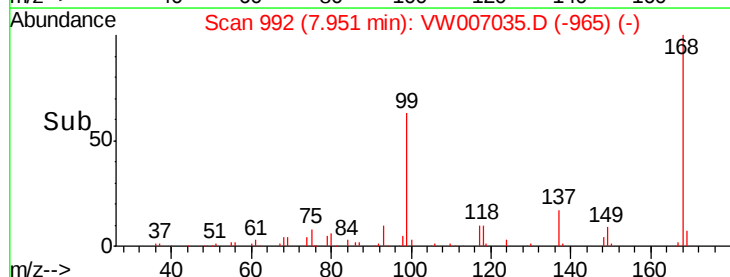
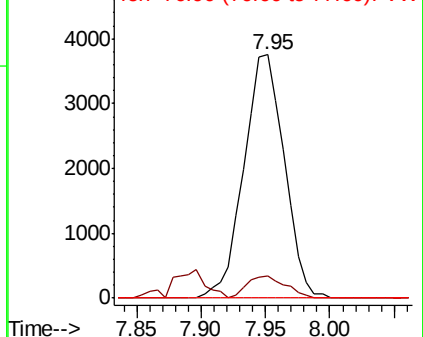
77 0.0 24.9 37.3#

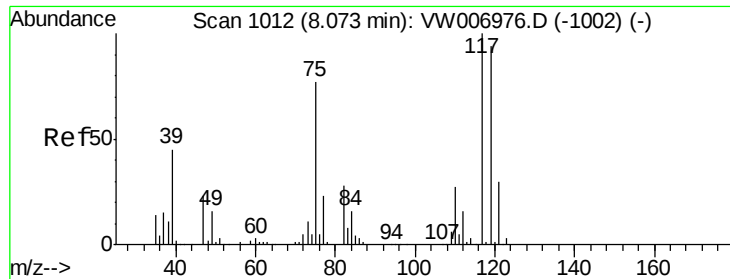


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

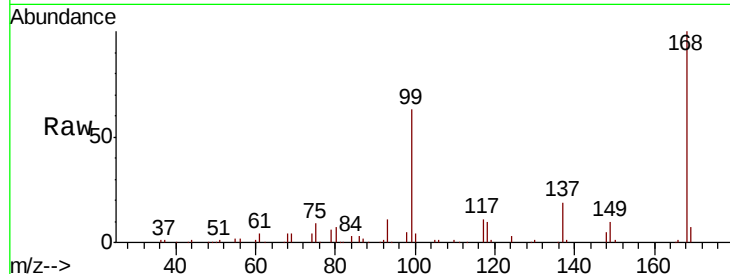




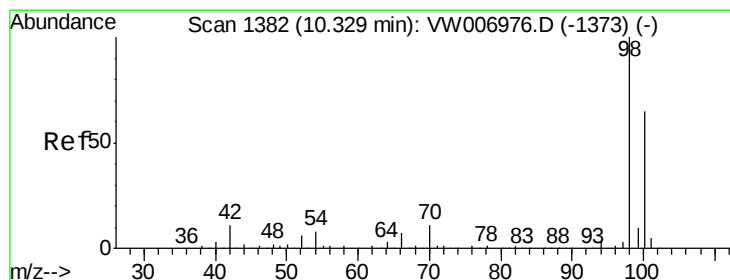
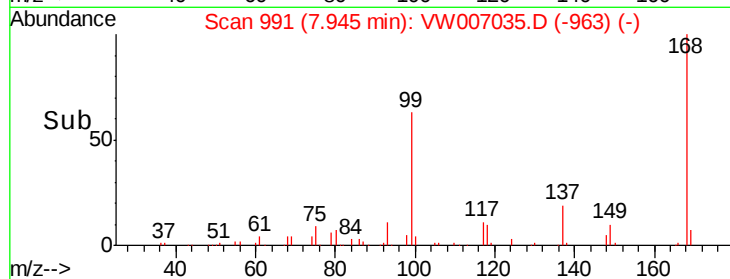
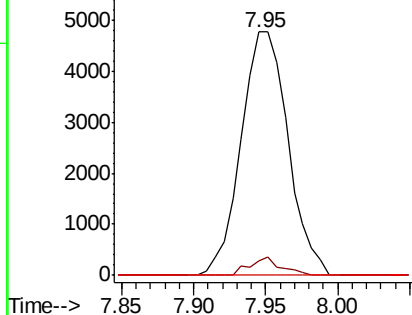
#38
Carbon Tetrachloride
Concen: 6.868 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW007035.D
Acq: 22 Nov 2018 08:25

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 10785
Ion Ratio Lower Upper
117 100
119 6.1 74.9 112.3#
121 0.0 23.6 35.4#

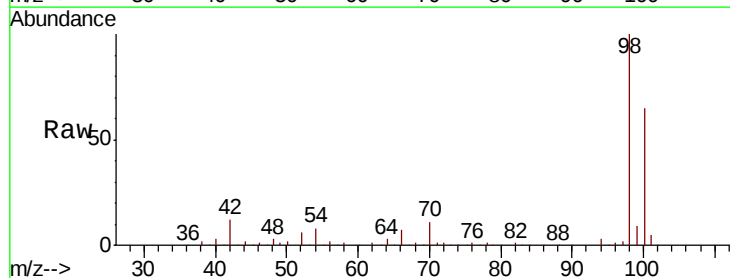


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

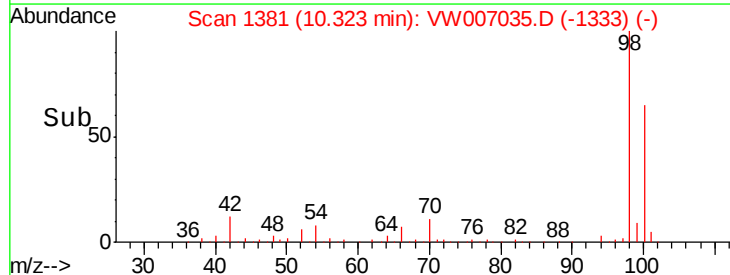
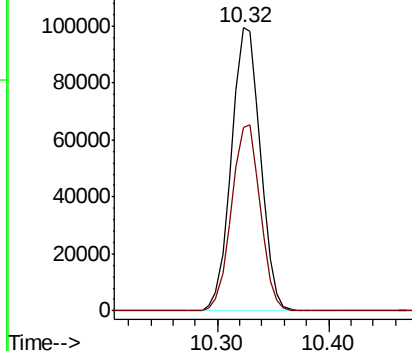


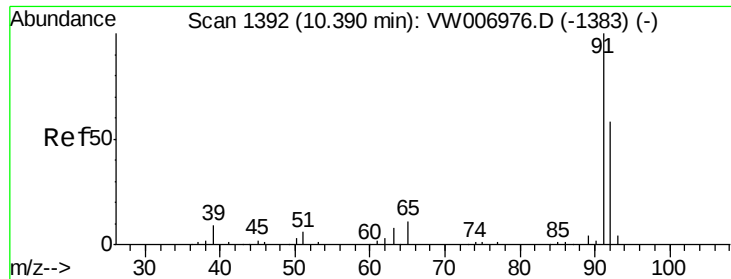
#50
Toluene-d8
Concen: 42.857 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW007035.D
Acq: 22 Nov 2018 08:25

Tgt Ion: 98 Resp: 179341
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.2



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





#52

Toluene

Concen: 7.217 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007035.D

Acq: 22 Nov 2018 08:25

Instrument :

MSVOA_W

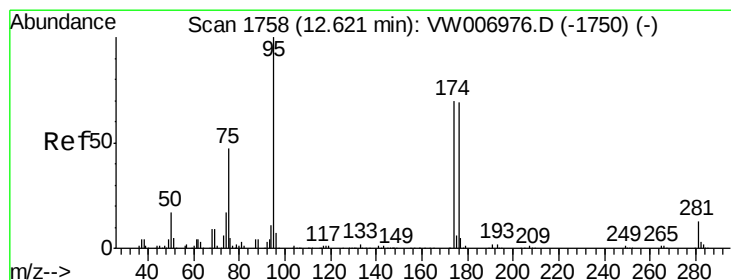
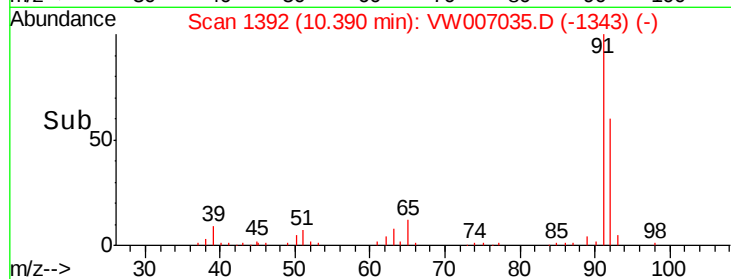
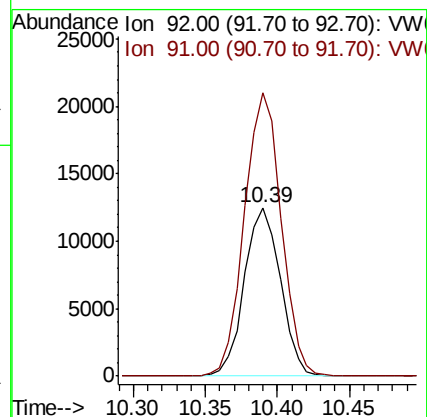
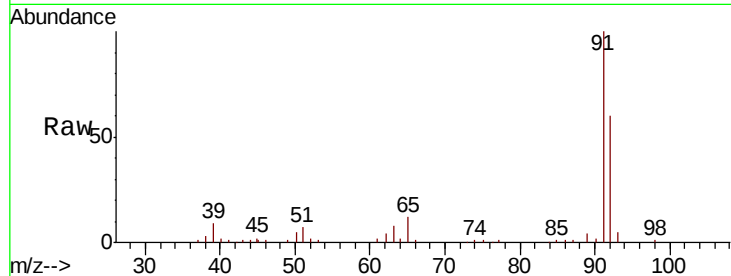
ClientSampleId :

Tot Ion: 92 Resp: 21741

Ion Ratio Lower Upper

92 100

91 171.2 137.3 205.9



#62

4-Bromofluorobenzene

Concen: 31.875 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007035.D

Acq: 22 Nov 2018 08:25

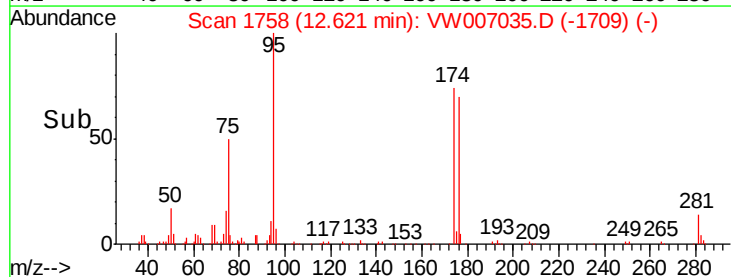
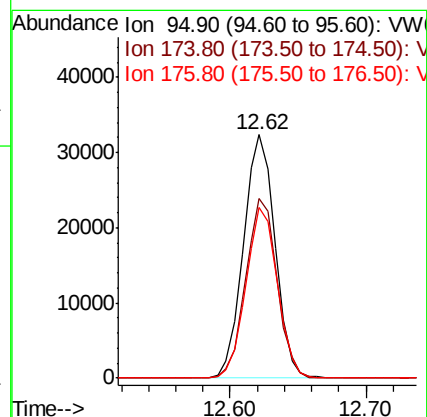
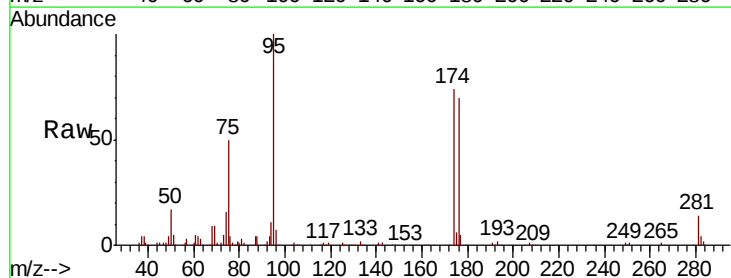
Tgt Ion: 95 Resp: 52489

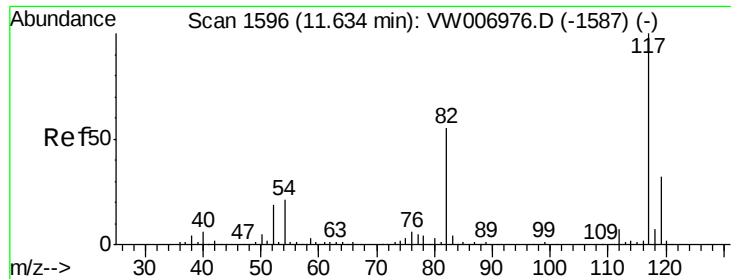
Ion Ratio Lower Upper

95 100

174 72.9 0.0 143.6

176 70.2 0.0 140.4

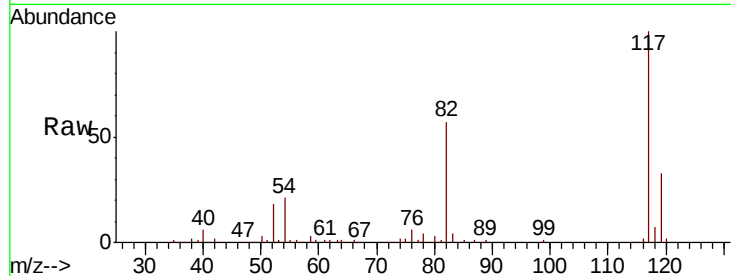




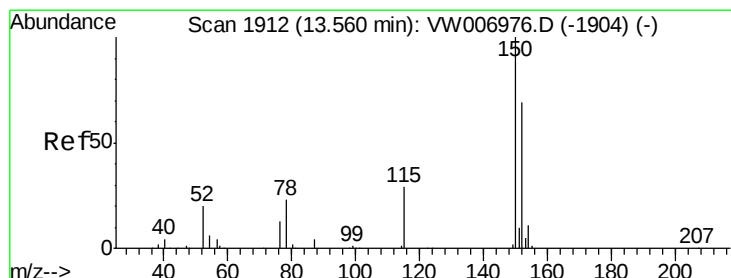
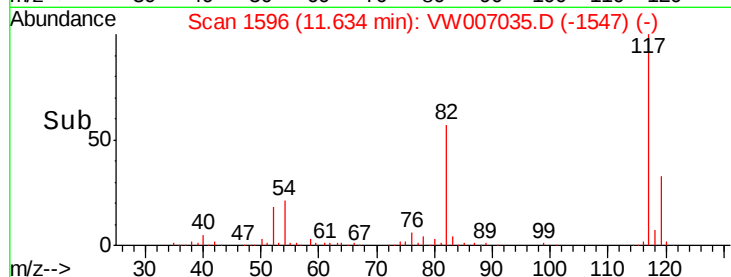
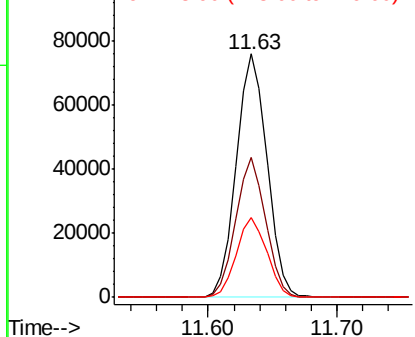
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007035.D
Acq: 22 Nov 2018 08:25

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 125533
Ion Ratio Lower Upper
117 100
82 57.3 44.2 66.2
119 32.7 25.9 38.9

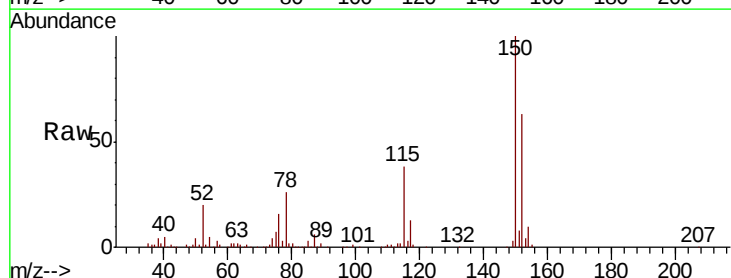


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

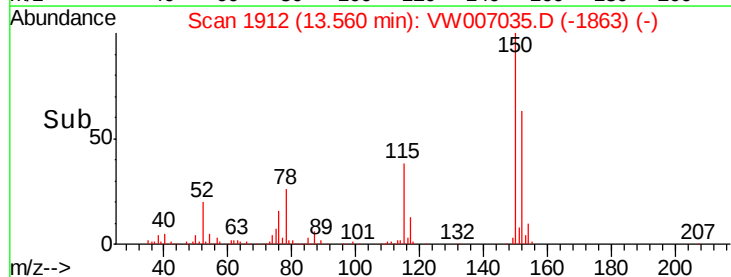
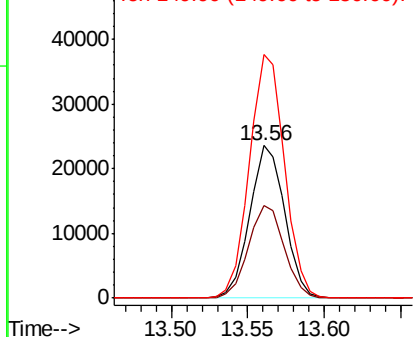


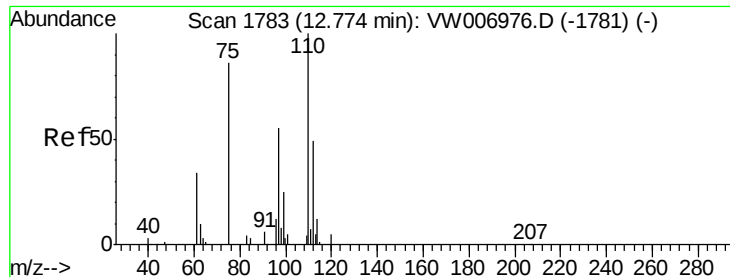
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007035.D
Acq: 22 Nov 2018 08:25

Tgt Ion:152 Resp: 37482
Ion Ratio Lower Upper
152 100
115 61.9 31.4 94.2
150 159.8 0.0 353.4



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: 87.023 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007035.D

Acq: 22 Nov 2018 08:25

Instrument :

MSVOA_W

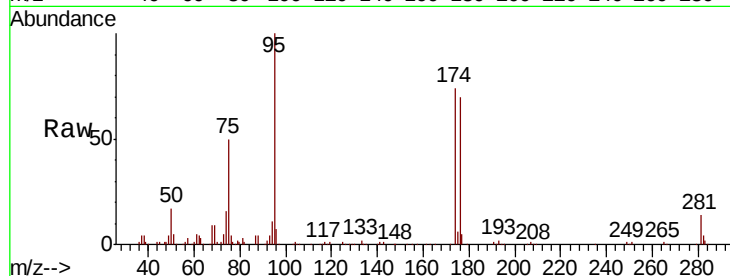
ClientSampleId :

Tot Ion: 75 Resp: 25631

Ion Ratio Lower Upper

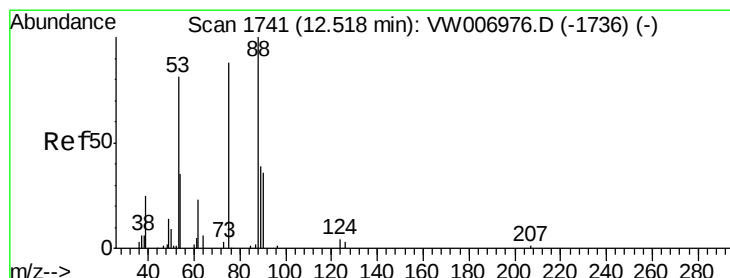
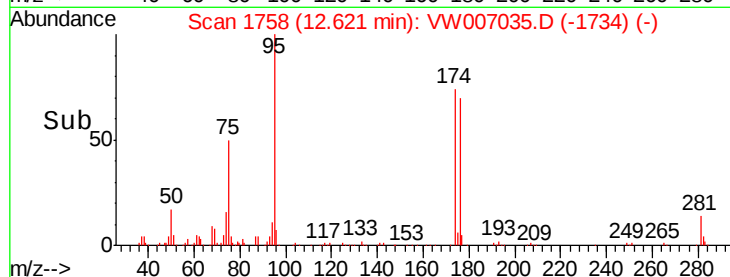
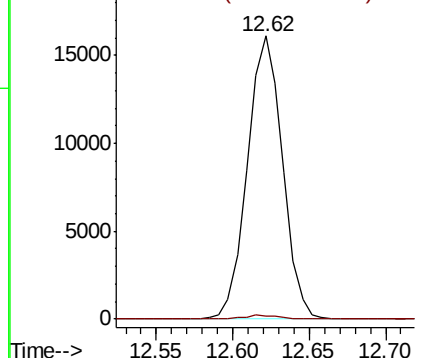
75 100

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: 218.480 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007035.D

Acq: 22 Nov 2018 08:25

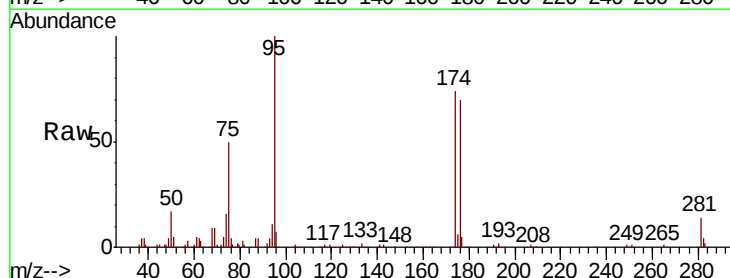
Tgt Ion: 75 Resp: 25631

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.0 39.3 58.9#



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

