

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112818\
 Data File : VW007116.D
 Acq On : 28 Nov 2018 16:24
 Operator : VAY/AP
 Sample : J6079-01RE
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 J-1RE

Quant Time: Nov 29 04:36:36 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	103226	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	159905	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	149334	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	70225	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	50220	49.69	ug/l	0.00
Spiked Amount			Recovery	=	99.38%	
35) Dibromofluoromethane	7.89	113	42978	47.59	ug/l	0.00
Spiked Amount			Recovery	=	95.18%	
50) Toluene-d8	10.33	98	182171	45.68	ug/l	0.00
Spiked Amount			Recovery	=	91.36%	
62) 4-Bromofluorobenzene	12.62	95	68536	43.68	ug/l	0.00
Spiked Amount			Recovery	=	87.36%	

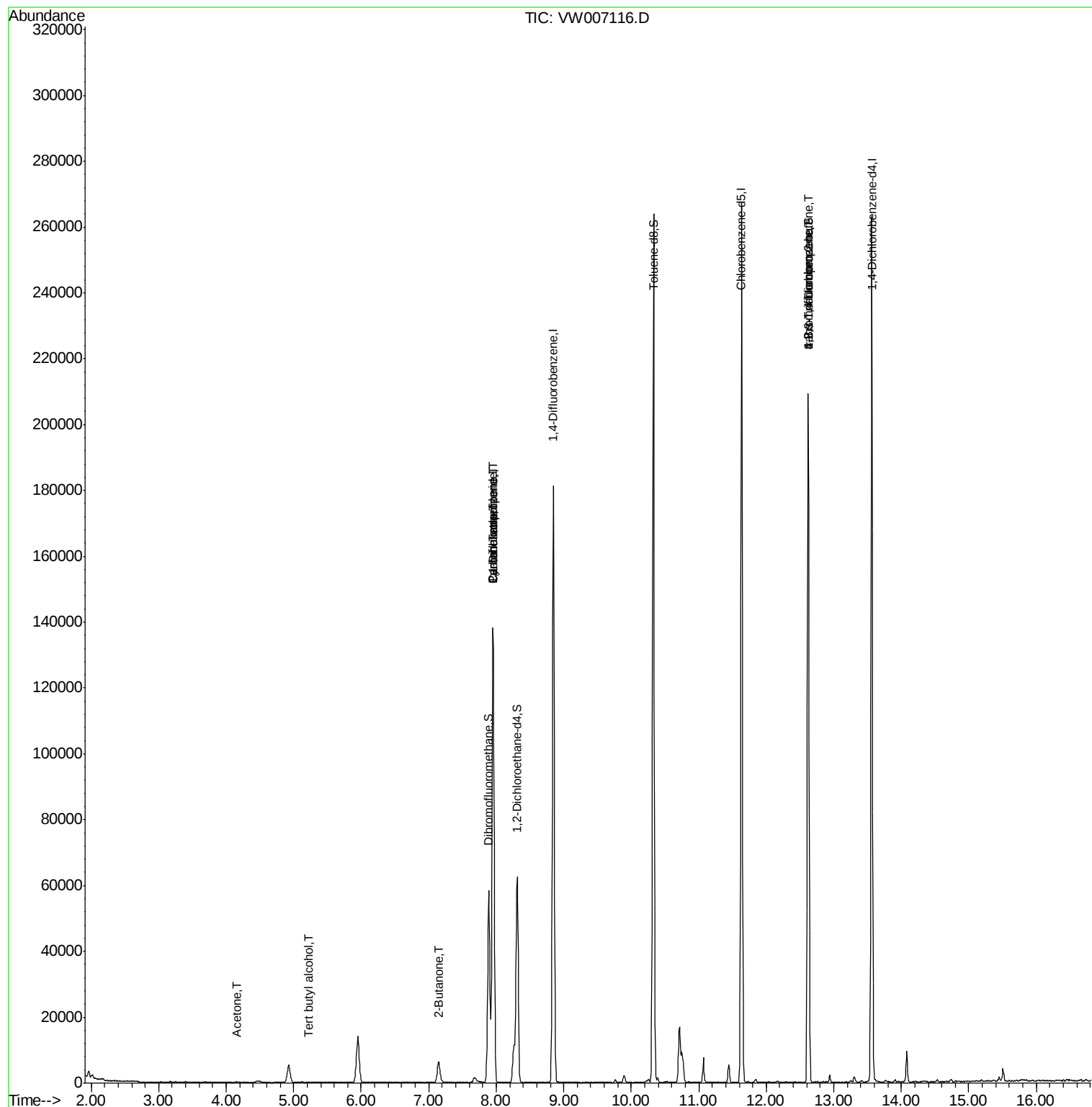
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	229	3.481	ug/l #	71
16) Acetone	4.15	43	456	3.108	ug/l	95
20) Methylene Chloride	4.92	84	4277	Below Cal		91
25) 2-Butanone	7.16	43	309	1.230	ug/l #	48
31) Cyclohexane	7.95	56	2059	1.058	ug/l #	9
36) 1,1-Dichloropropene	7.95	75	7664	4.905	ug/l #	50
38) Carbon Tetrachloride	7.96	117	10950	7.318	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	33134	60.045	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	33134	150.748	ug/l #	10

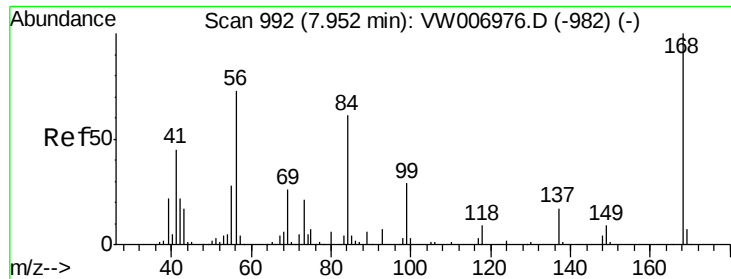
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW007116.D

Acq: 28 Nov 2018 16:24

Instrument :

MSVOA_W

ClientSampled :

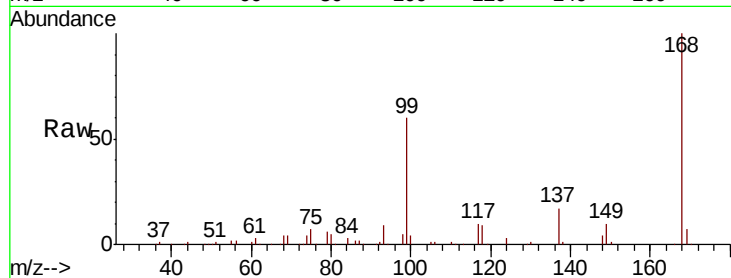
J-1RE

Tot Ion:168 Resp: 103226

Ion Ratio Lower Upper

168 100

99 60.0 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

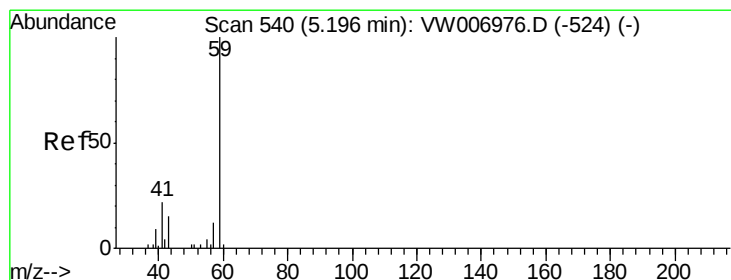
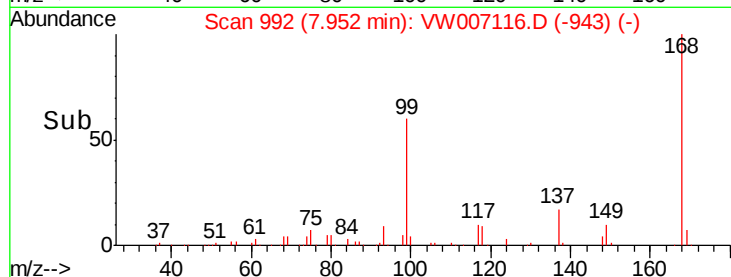
20000

10000

0

Time-->

7.90 8.00



#11

Tert butyl alcohol

Concen: 3.481 ug/l

RT: 5.21 min Scan# 543

Delta R.T. 0.02 min

Lab File: VW007116.D

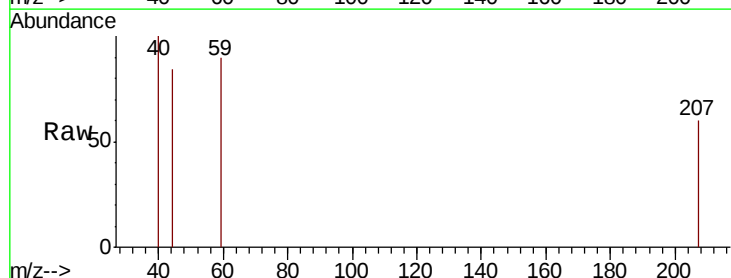
Acq: 28 Nov 2018 16:24

Tgt Ion: 59 Resp: 229

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

5.21

120

100

80

60

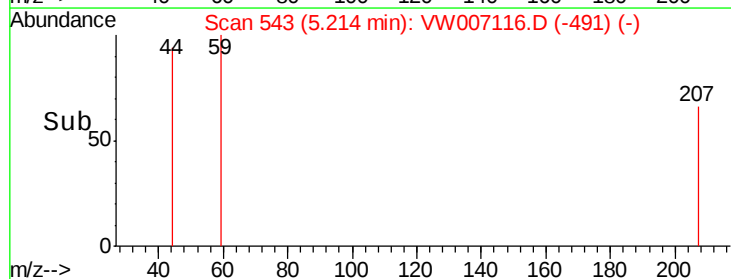
40

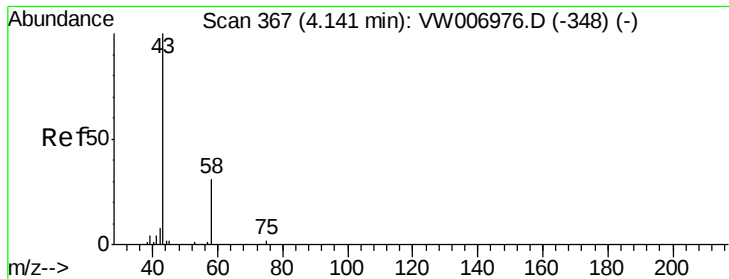
20

0

Time-->

5.15 5.20 5.25

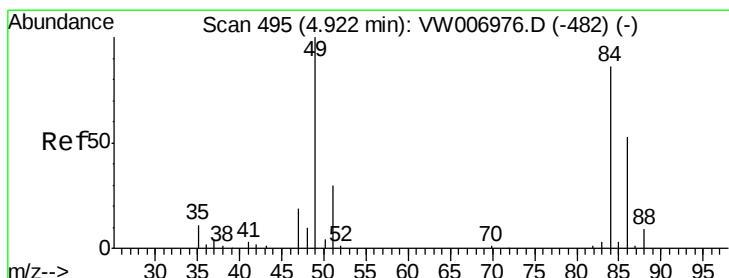
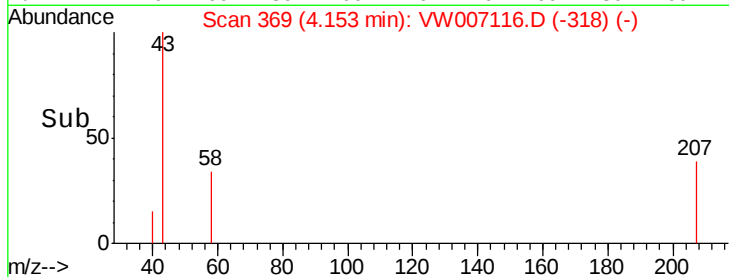
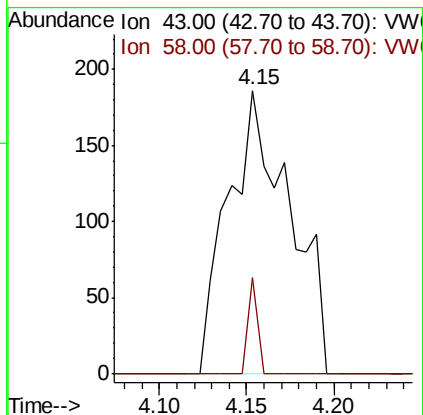
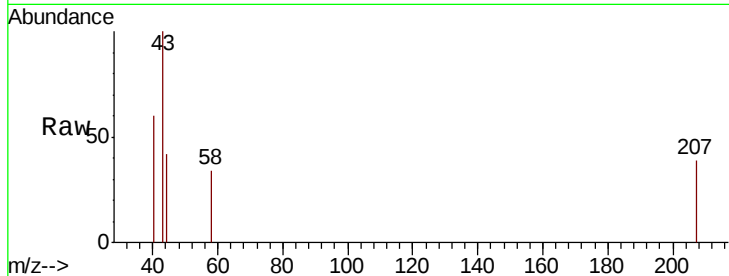




#16
Acetone
Concen: 3.108 ug/l
RT: 4.15 min Scan# 369
Delta R.T. 0.01 min
Lab File: VW007116.D
Acq: 28 Nov 2018 16:24

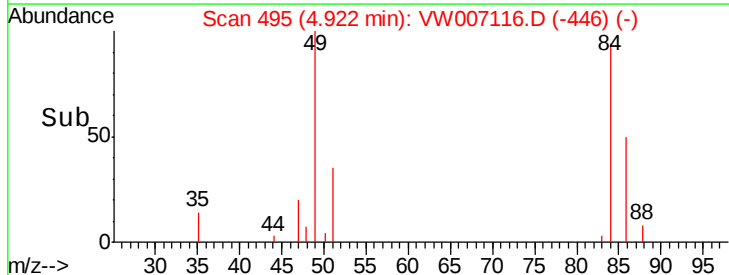
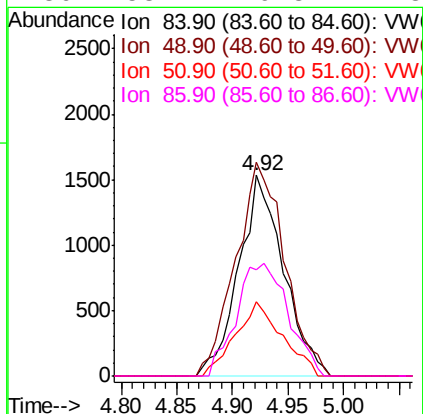
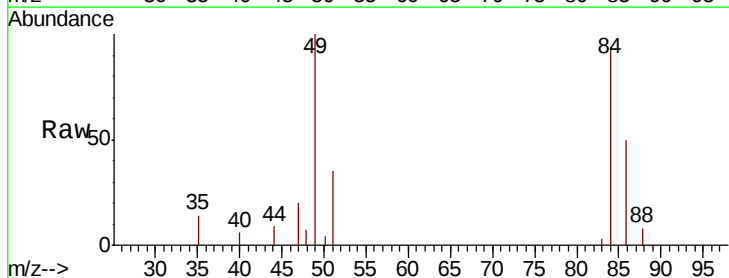
Instrument :
MSVOA_W
ClientSampleId :
J-1RE

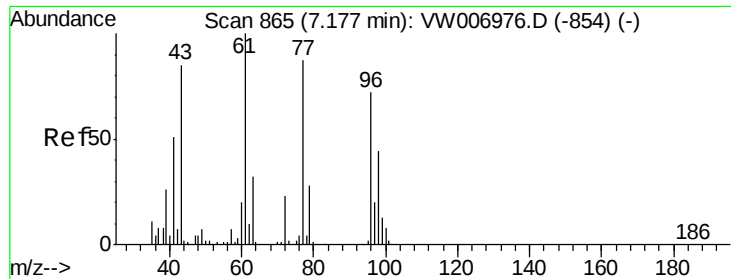
Tot Ion: 43 Resp: 456
Ion Ratio Lower Upper
43 100
58 33.9 24.8 37.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007116.D
Acq: 28 Nov 2018 16:24

Tgt Ion: 84 Resp: 4277
Ion Ratio Lower Upper
84 100
49 106.3 93.4 140.0
51 37.1 28.4 42.6
86 53.2 49.8 74.8





#25

2-Butanone

Concen: 1.230 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.02 min

Lab File: VW007116.D

Acq: 28 Nov 2018 16:24

Instrument :

MSVOA_W

ClientSampled :

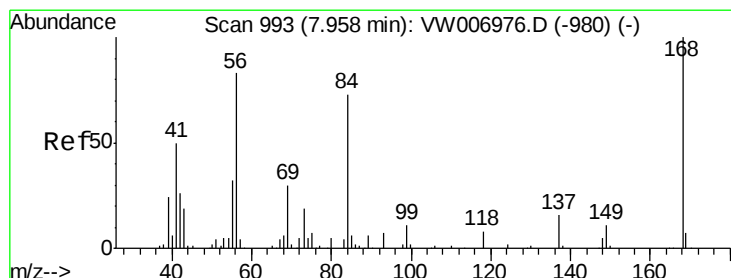
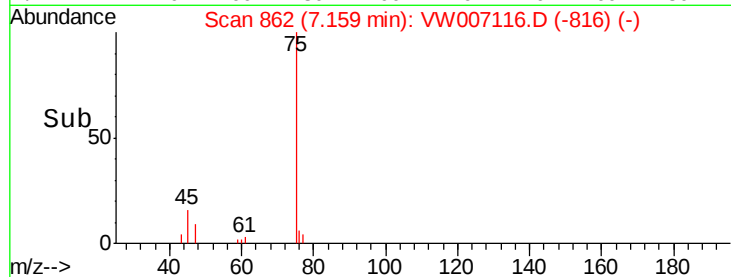
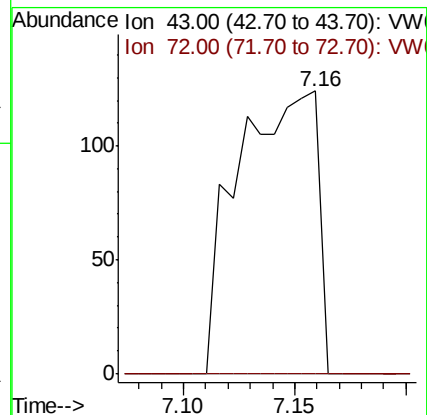
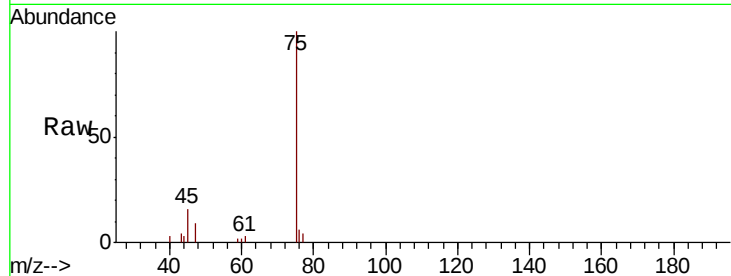
J-1RE

Tot Ion: 43 Resp: 309

Ion Ratio Lower Upper

43 100

72 0.0 21.3 31.9#



#31

Cyclohexane

Concen: 1.058 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007116.D

Acq: 28 Nov 2018 16:24

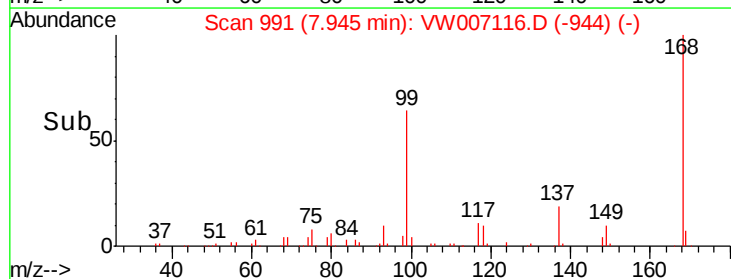
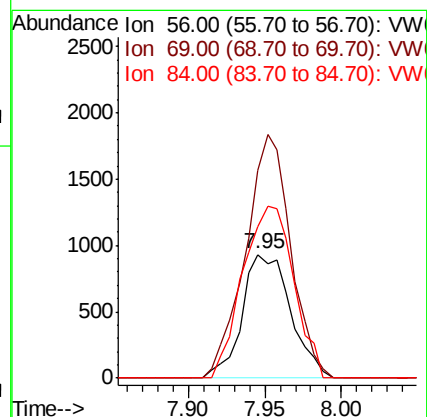
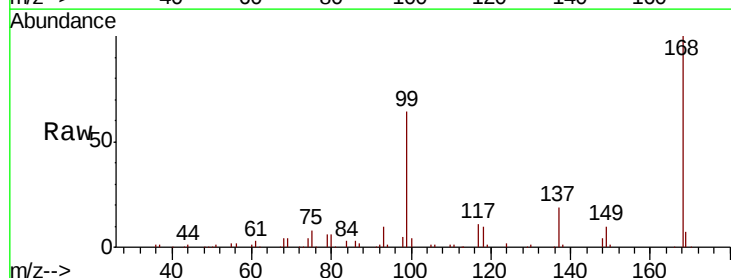
Tgt Ion: 56 Resp: 2059

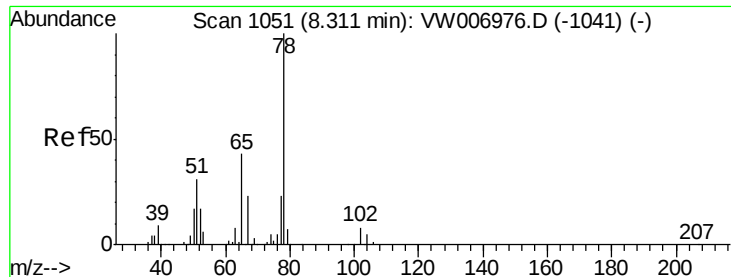
Ion Ratio Lower Upper

56 100

69 168.2 29.1 43.7#

84 122.6 70.6 105.8#





#33

1,2-Dichloroethane-d4

Concen: 49.693 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW007116.D

Acq: 28 Nov 2018 16:24

Instrument :

MSVOA_W

ClientSampleId :

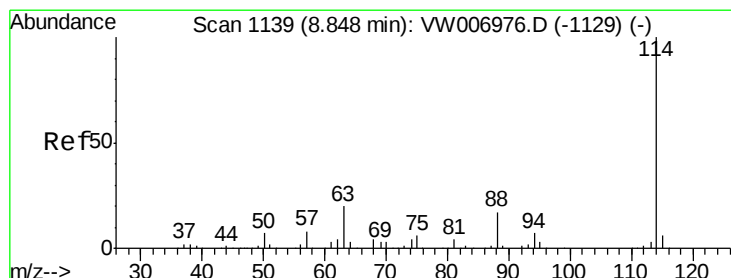
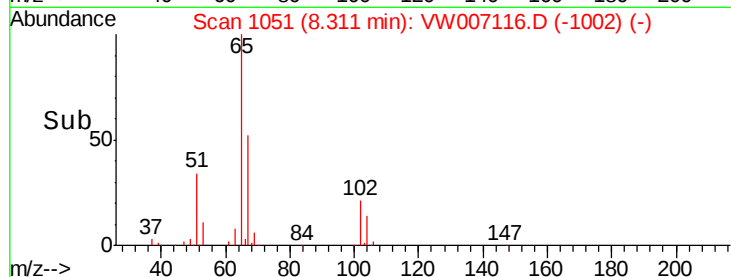
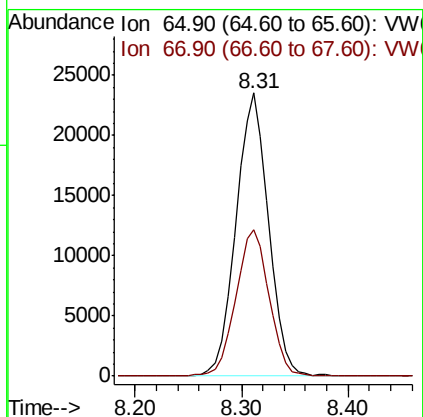
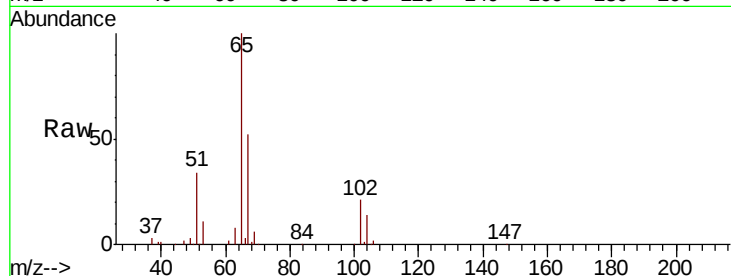
J-1RE

Tot Ion: 65 Resp: 50220

Ion Ratio Lower Upper

65 100

67 52.8 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW007116.D

Acq: 28 Nov 2018 16:24

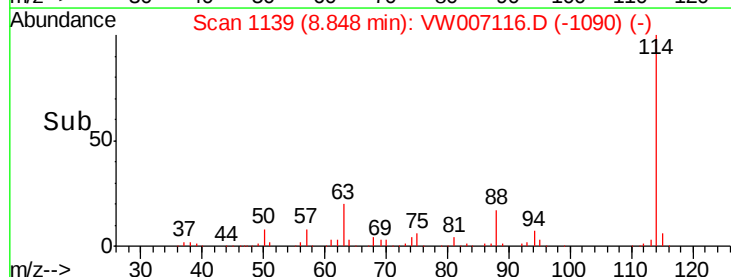
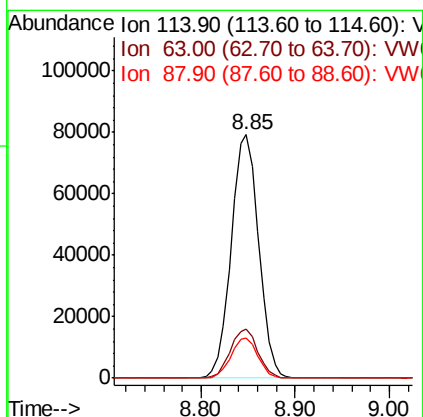
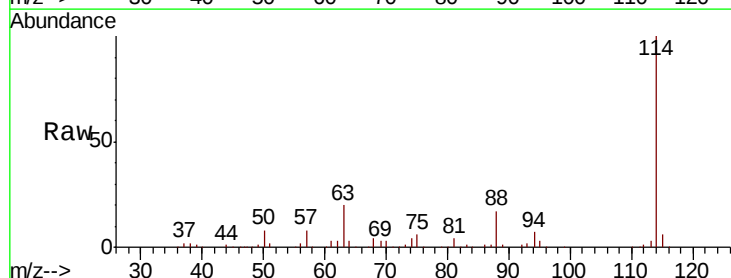
Tgt Ion: 114 Resp: 159905

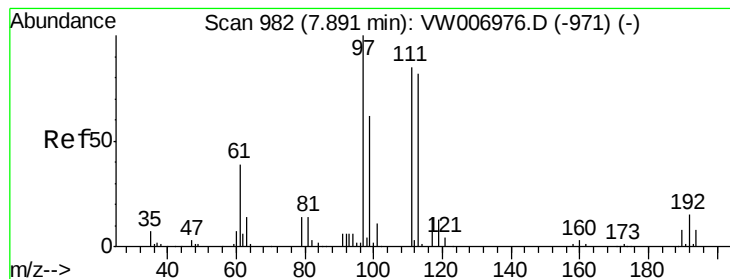
Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.4

88 16.7 0.0 34.2





#35

Dibromofluoromethane

Concen: 47.593 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW007116.D

Acq: 28 Nov 2018 16:24

Instrument :

MSVOA_W

ClientSampleId :

J-1RE

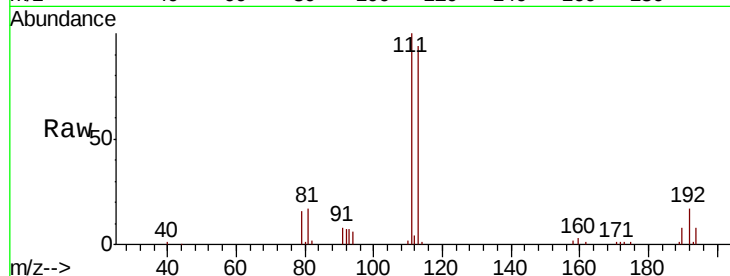
Tot Ion:113 Resp: 42978

Ion Ratio Lower Upper

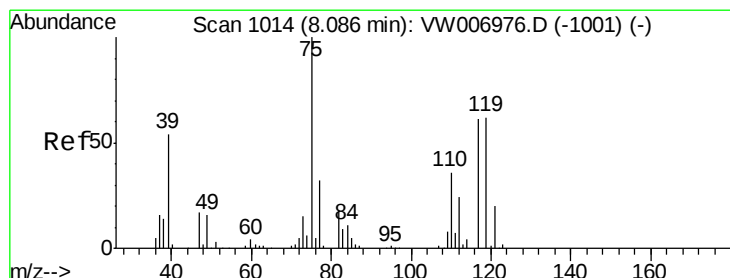
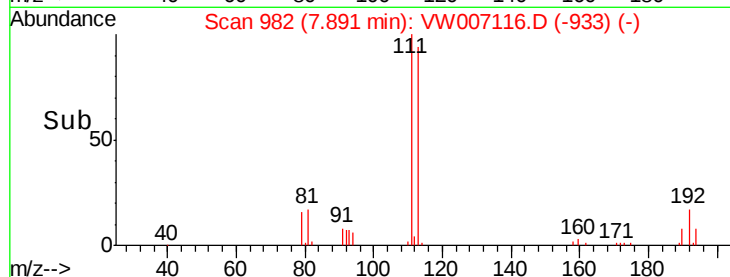
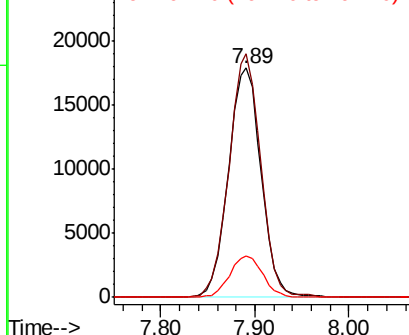
113 100

111 103.3 81.0 121.6

192 18.0 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: 4.905 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW007116.D

Acq: 28 Nov 2018 16:24

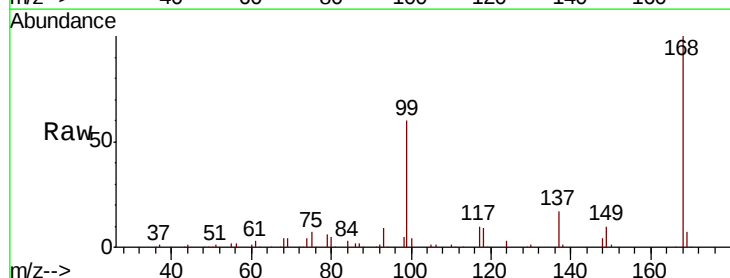
Tgt Ion: 75 Resp: 7664

Ion Ratio Lower Upper

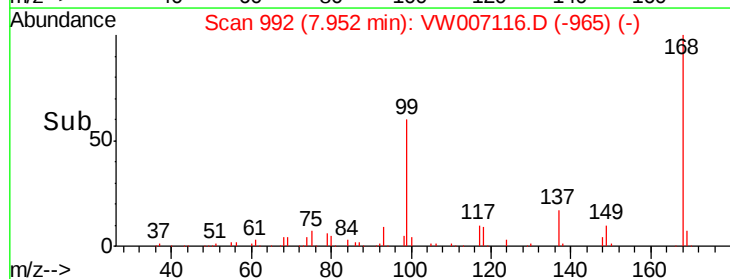
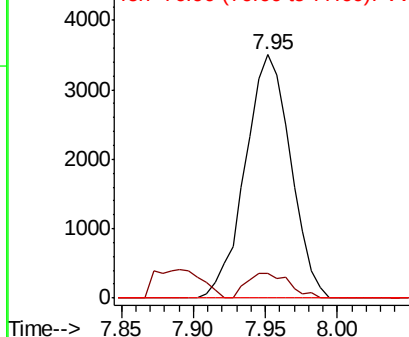
75 100

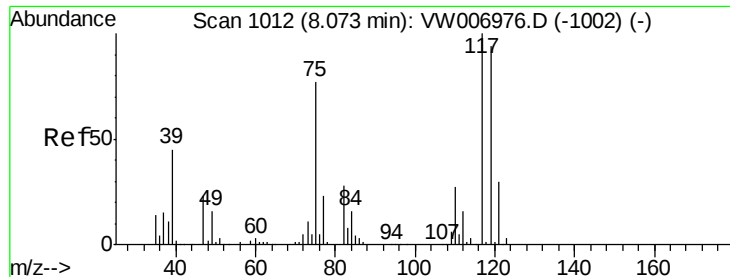
110 9.6 18.0 54.0#

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: 7.318 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.12 min

Lab File: VW007116.D

Acq: 28 Nov 2018 16:24

Instrument :

MSVOA_W

ClientSampleId :

J-1RE

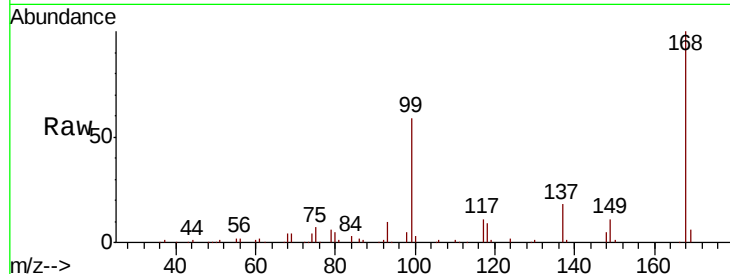
Tot Ion:117 Resp: 10950

Ion Ratio Lower Upper

117 100

119 5.7 74.9 112.3#

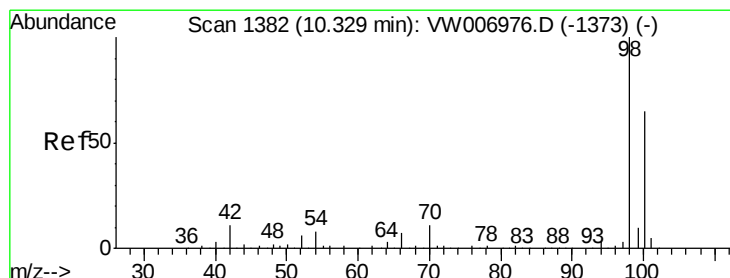
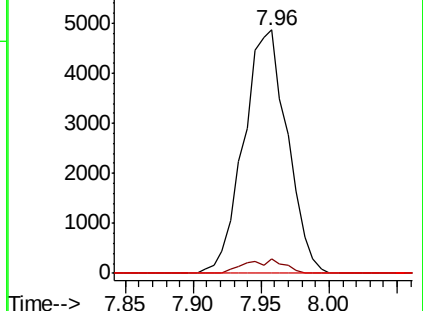
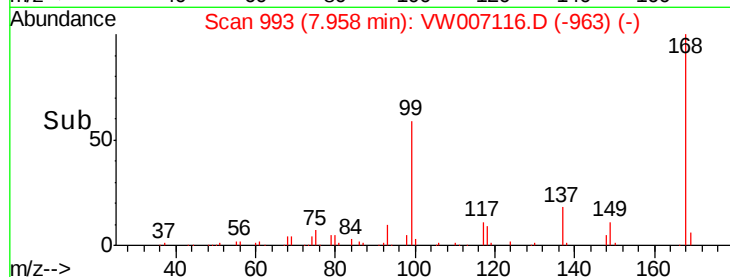
121 0.0 23.6 35.4#



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: 45.684 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW007116.D

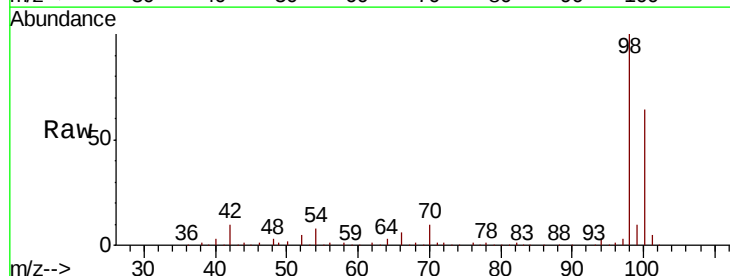
Acq: 28 Nov 2018 16:24

Tgt Ion: 98 Resp: 182171

Ion Ratio Lower Upper

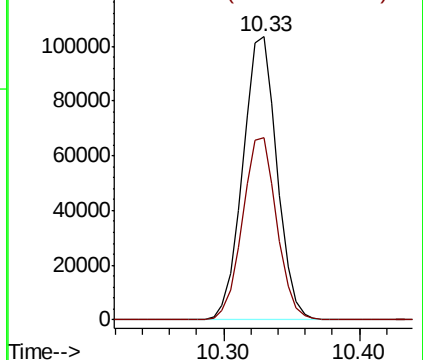
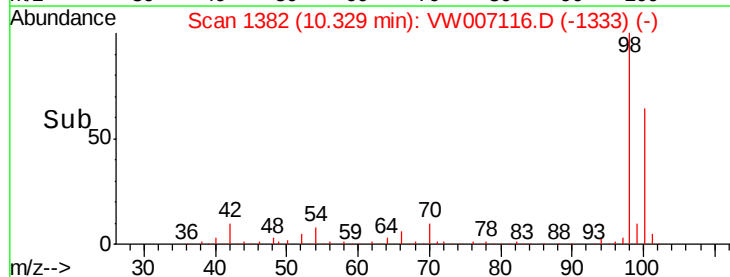
98 100

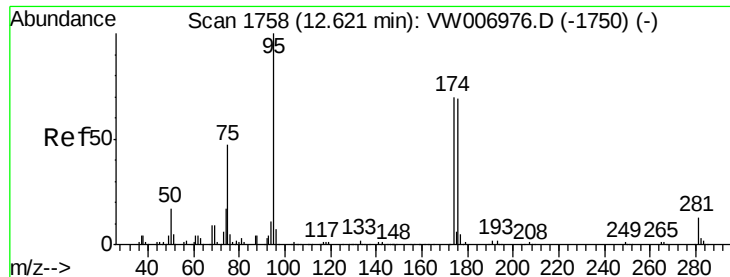
100 64.4 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

120000 Ion 100.00 (99.70 to 100.70): VW

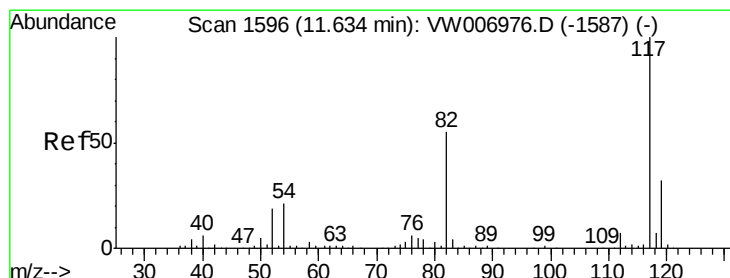
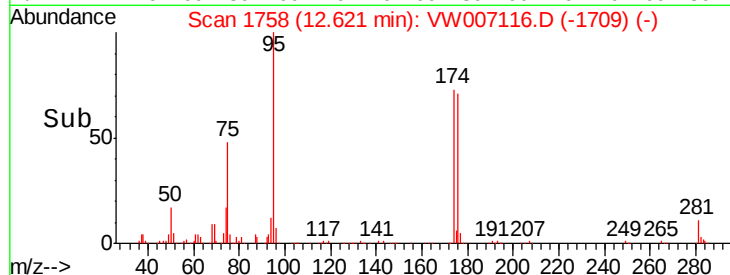
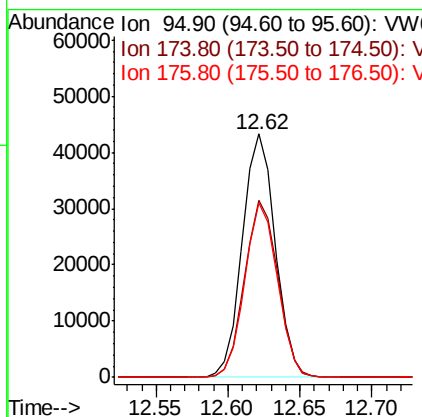
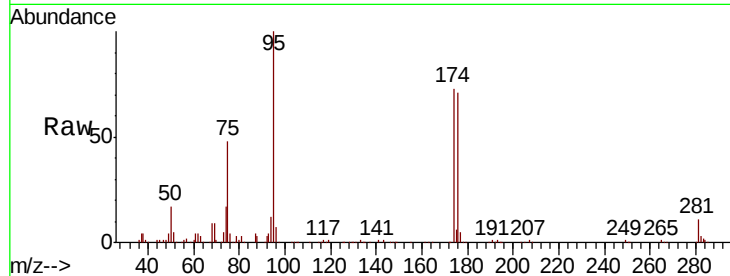




#62
4-Bromofluorobenzene
Concen: 43.676 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW007116.D
Acq: 28 Nov 2018 16:24

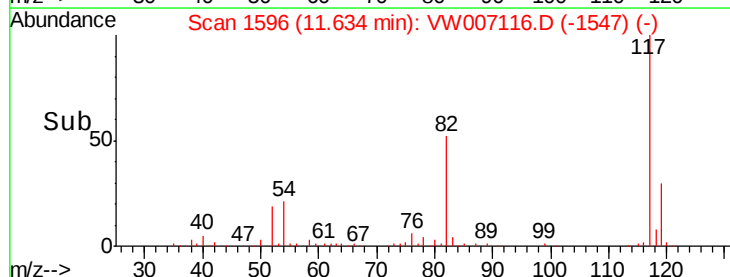
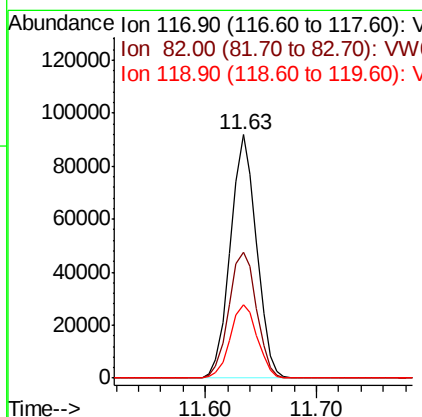
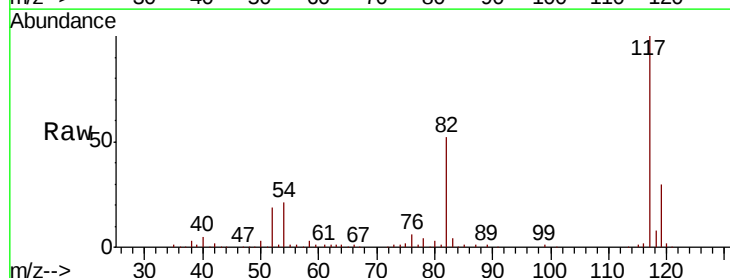
Instrument :
MSVOA_W
ClientSampleId :
J-1RE

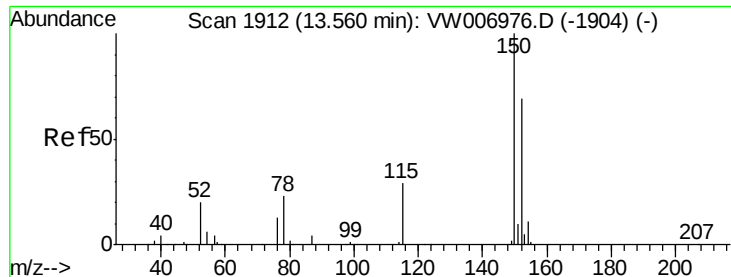
Tot Ion	95	Resp	68536
Ion Ratio	100		
Lower		0.0	143.6
Upper		0.0	140.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007116.D
Acq: 28 Nov 2018 16:24

Tgt Ion	117	Resp	149334
Ion Ratio	100		
Lower		44.2	66.2
Upper		25.9	38.9



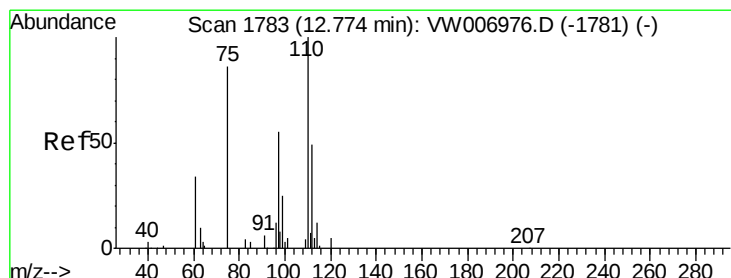
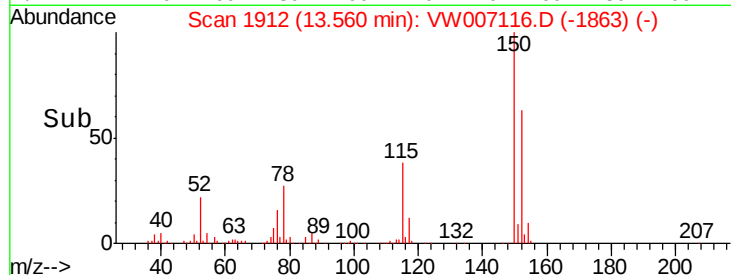
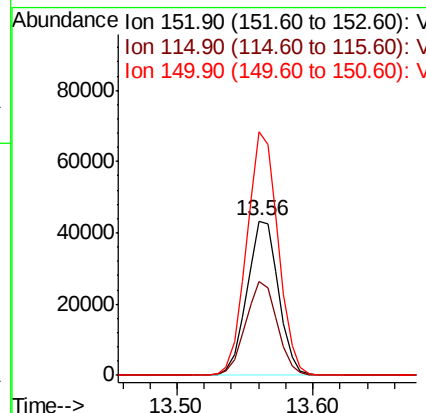
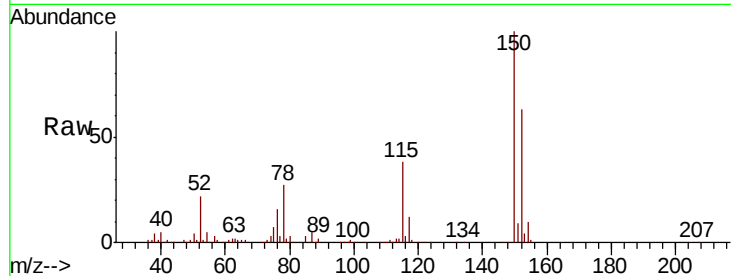


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW007116.D
Acq: 28 Nov 2018 16:24

Instrument :
MSVOA_W
ClientSampleId :
J-1RE

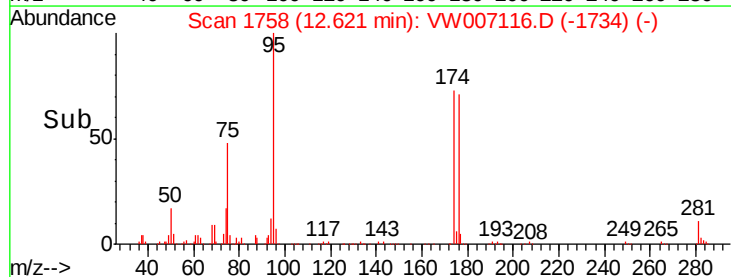
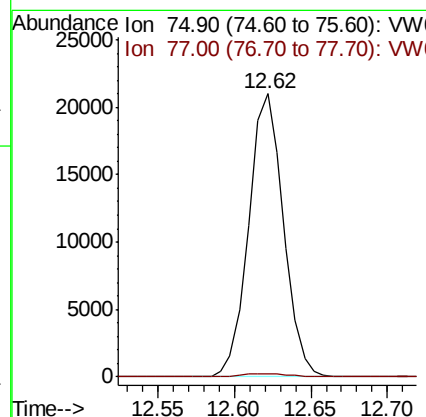
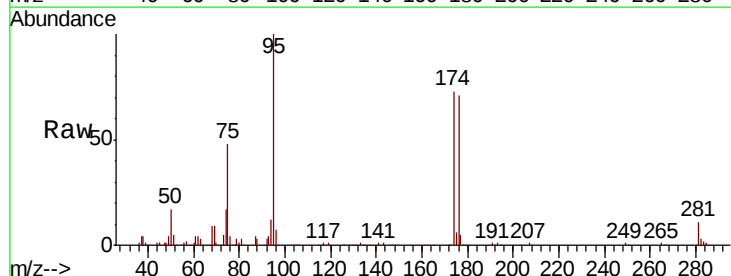
Tot Ion:152 Resp: 70225
Ion Ratio Lower Upper
152 100
115 60.8 31.4 94.2
150 156.9 0.0 353.4

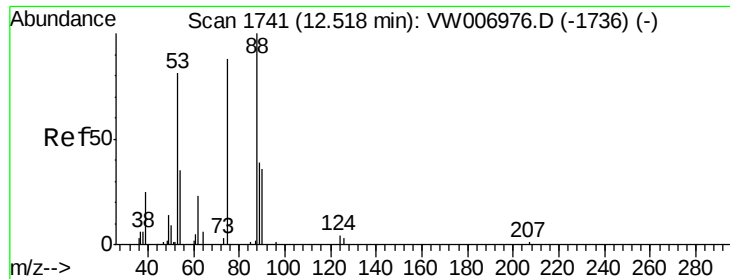


#76

1,2,3-Trichloropropane
Concen: 60.045 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW007116.D
Acq: 28 Nov 2018 16:24

Tgt Ion: 75 Resp: 33134
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 150.748 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007116.D

Acq: 28 Nov 2018 16:24

Instrument :

MSVOA_W

ClientSampleId :

J-1RE

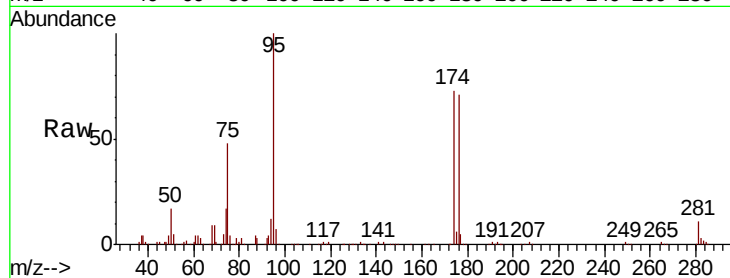
Tot Ion: 75 Resp: 33134

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.2 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

