

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081718\
 Data File : VW004705.D
 Acq On : 15 Aug 2018 19:53
 Operator : SY/AP
 Sample : J4471-01
 Misc : 6.17G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1

Quant Time: Aug 16 04:59:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	161820	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	239920	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	210052	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	81687	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	77634	43.34	ug/l	0.00
Spiked Amount			Recovery	=	86.68%	
35) Dibromofluoromethane	7.89	113	73957	46.23	ug/l	0.00
Spiked Amount			Recovery	=	92.46%	
50) Toluene-d8	10.33	98	237700	38.98	ug/l	0.00
Spiked Amount			Recovery	=	77.96%	
62) 4-Bromofluorobenzene	12.62	95	64072	29.17	ug/l	0.00
Spiked Amount			Recovery	=	58.34%	

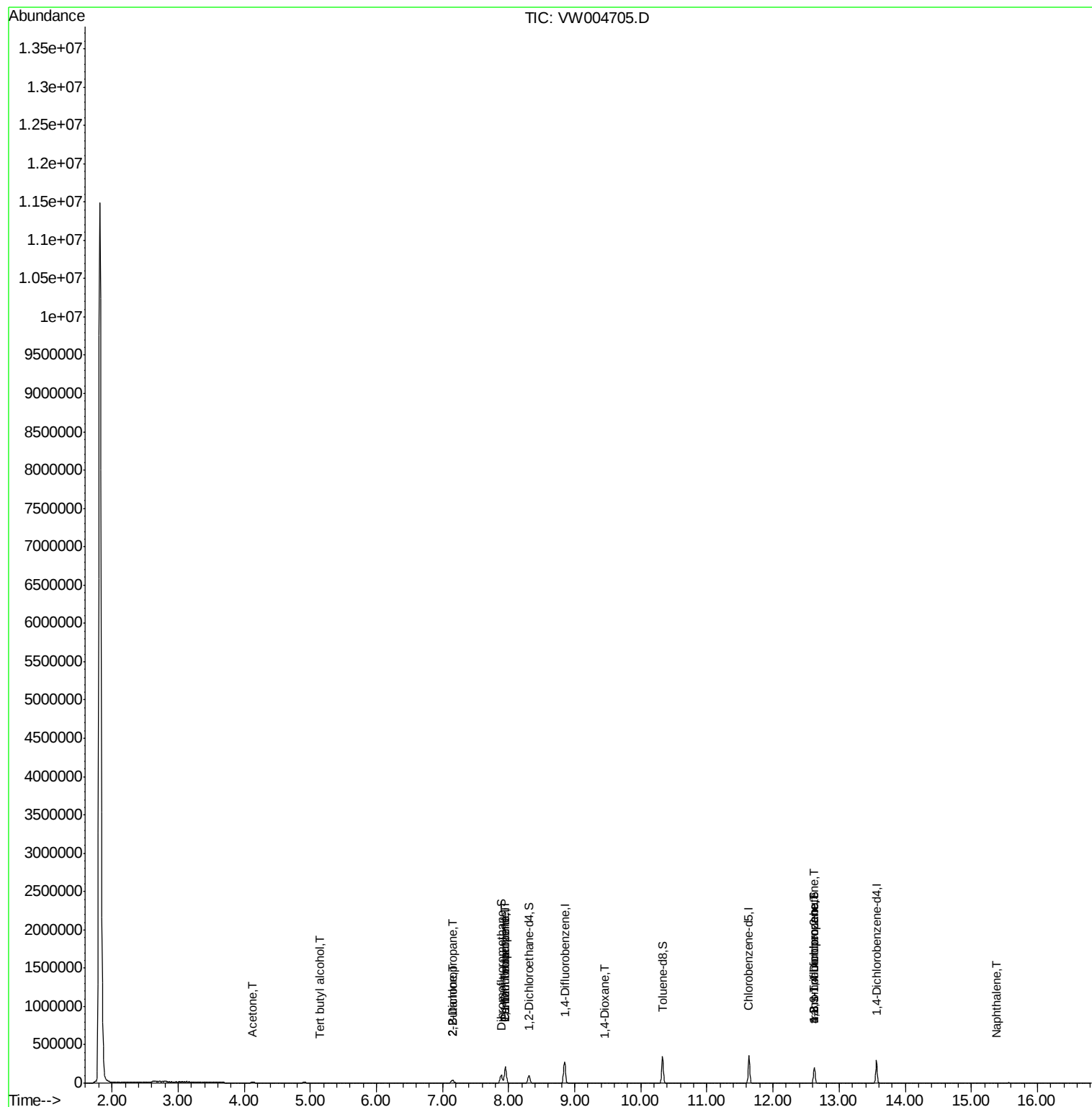
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.14	59	131	1.249	ug/l #	70
16) Acetone	4.12	43	24635	55.069	ug/l	98
20) Methylene Chloride	4.91	84	9546	Below Cal	#	93
25) 2-Butanone	7.15	43	2947	4.095	ug/l #	74
26) 2,2-Dichloropropane	7.15	77	2454	1.333	ug/l #	50
36) 1,1-Dichloropropene	7.95	75	12539	4.854	ug/l #	48
38) Carbon Tetrachloride	7.95	117	14988	6.448	ug/l #	17
49) 1,4-Dioxane	9.46	88	56	3.795	ug/l #	10
76) 1,2,3-Trichloropropane	12.62	75	31115	36.810	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	31115	88.119	ug/l #	12
95) Naphthalene	15.38	128	2050	3.444	ug/l #	93

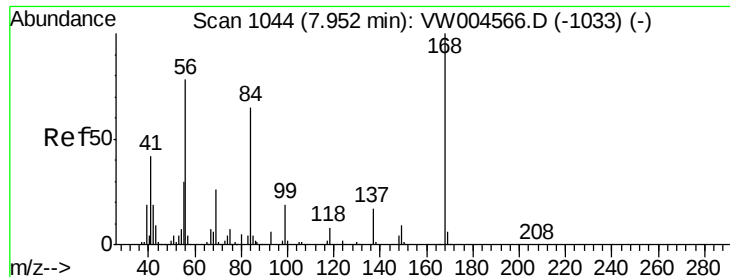
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081718\
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TP-1

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Quant Title : SW846 8260
QLast Update : Tue Aug 07 08:22:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004705.D

Acq: 15 Aug 2018 19:53

Instrument :

MSVOA_W

ClientSampled :

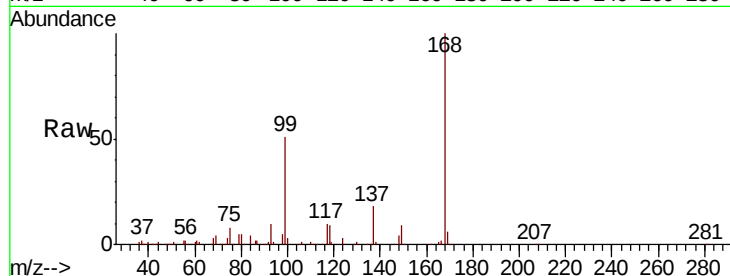
TP-1

Tot Ion:168 Resp: 161820

Ion Ratio Lower Upper

168 100

99 50.8 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

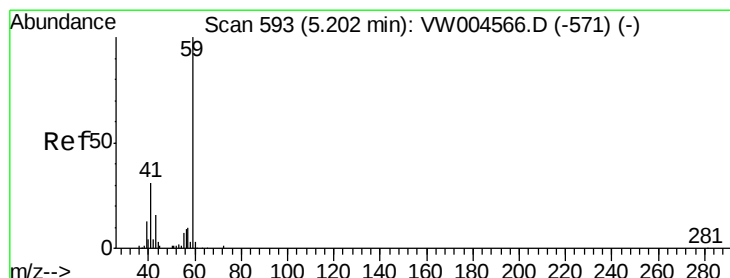
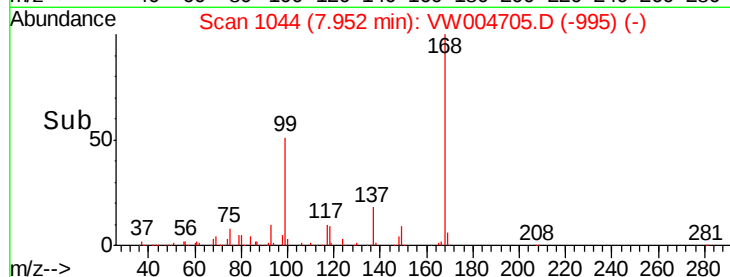
40000

20000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#11

Tert butyl alcohol

Concen: 1.249 ug/l

RT: 5.14 min Scan# 583

Delta R.T. -0.07 min

Lab File: VW004705.D

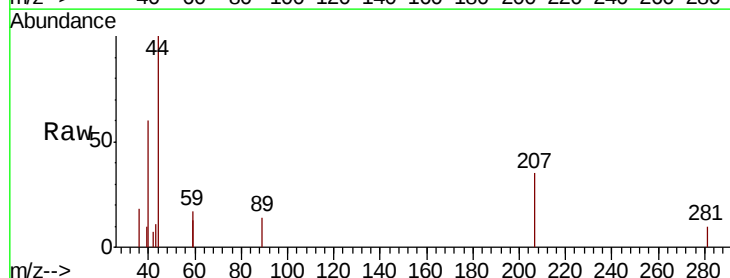
Acq: 15 Aug 2018 19:53

Tgt Ion: 59 Resp: 131

Ion Ratio Lower Upper

59 100

57 0.0 9.1 13.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.14

300

250

200

150

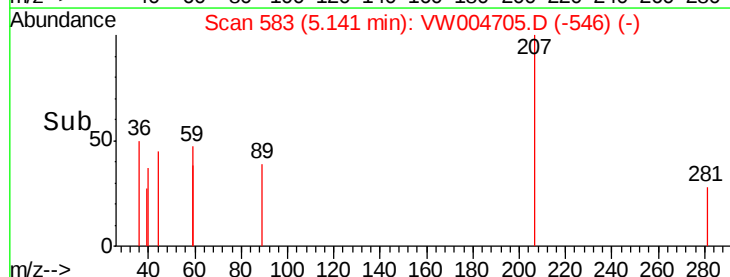
100

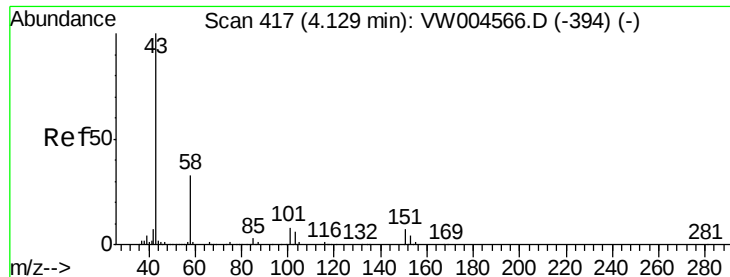
50

0

5.13 5.14 5.15 5.16

Time-->

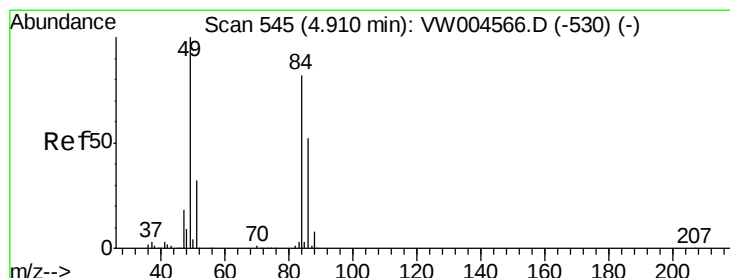
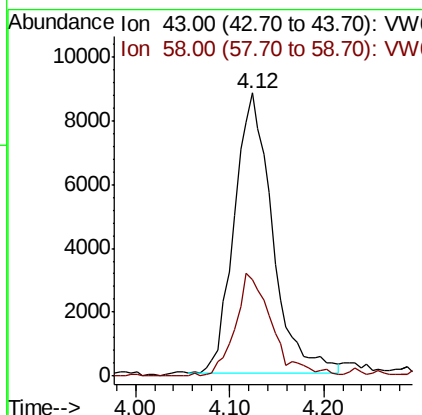
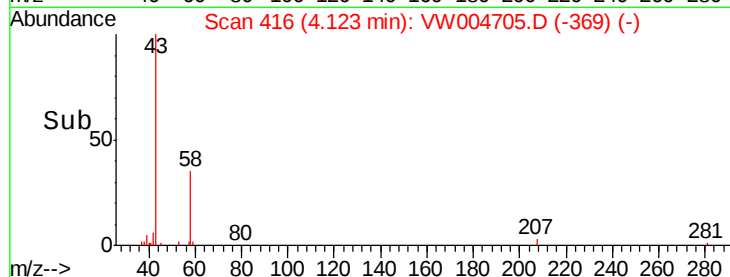
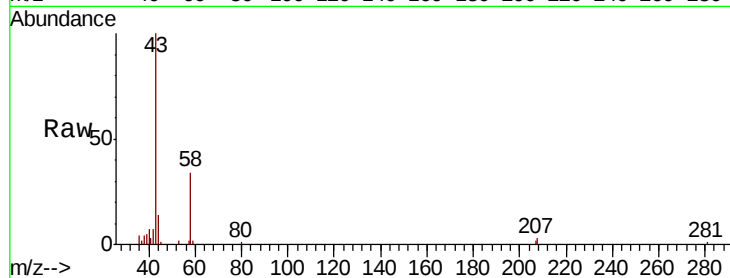




#16
Acetone
Concen: 55.069 ug/l
RT: 4.12 min Scan# 416
Delta R.T. -0.01 min
Lab File: VW004705.D
Acq: 15 Aug 2018 19:53

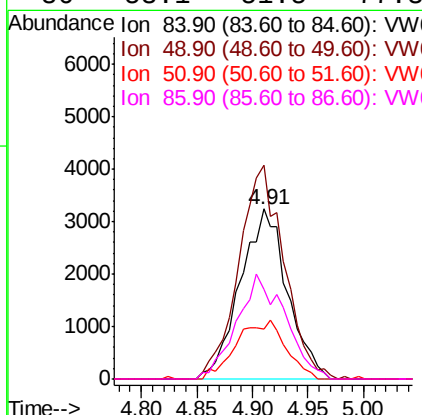
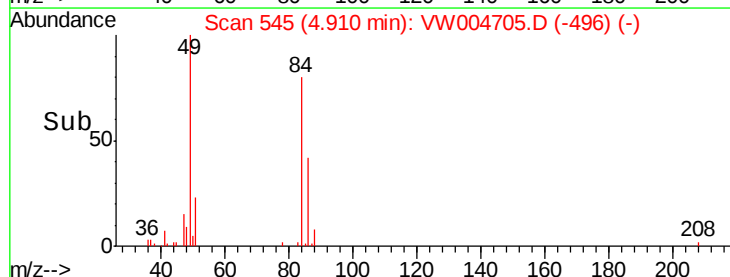
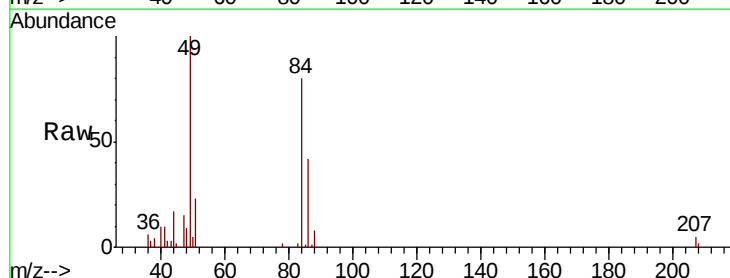
Instrument :
MSVOA_W
ClientSampleId :
TP-1

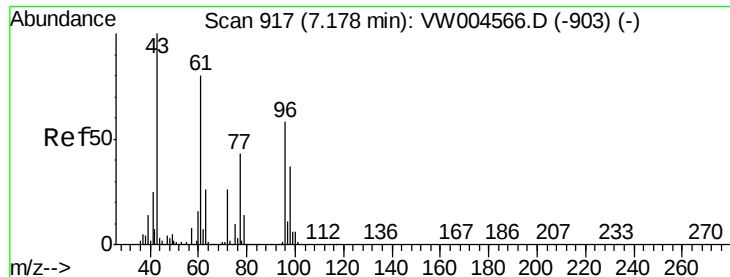
Tot Ion: 43 Resp: 24635
Ion Ratio Lower Upper
43 100
58 34.7 26.8 40.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004705.D
Acq: 15 Aug 2018 19:53

Tgt Ion: 84 Resp: 9546
Ion Ratio Lower Upper
84 100
49 125.8 99.6 149.4
51 29.2 31.0 46.4#
86 53.1 51.5 77.3





#25

2-Butanone

Concen: 4.095 ug/l

RT: 7.15 min Scan# 913

Delta R.T. -0.03 min

Lab File: VW004705.D

Acq: 15 Aug 2018 19:53

Instrument :

MSVOA_W

ClientSampled :

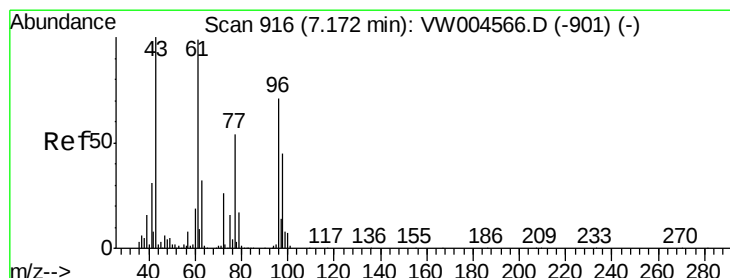
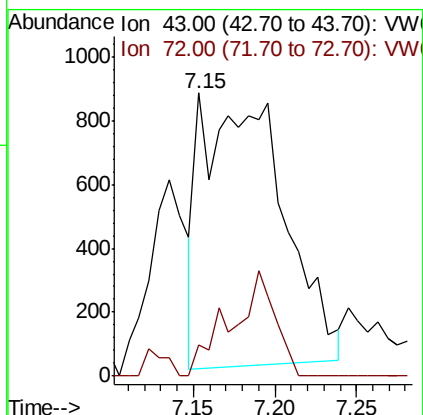
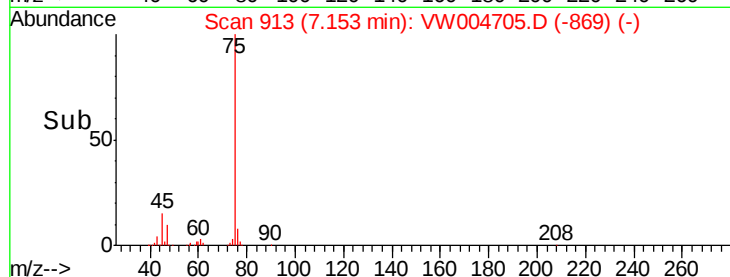
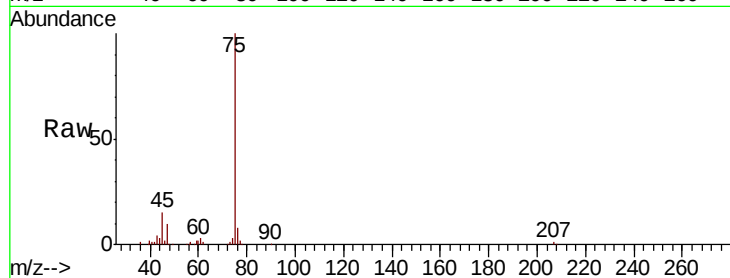
TP-1

Tot Ion: 43 Resp: 2947

Ion Ratio Lower Upper

43 100

72 13.2 21.0 31.6#



#26

2,2-Dichloropropane

Concen: 1.333 ug/l

RT: 7.15 min Scan# 912

Delta R.T. -0.02 min

Lab File: VW004705.D

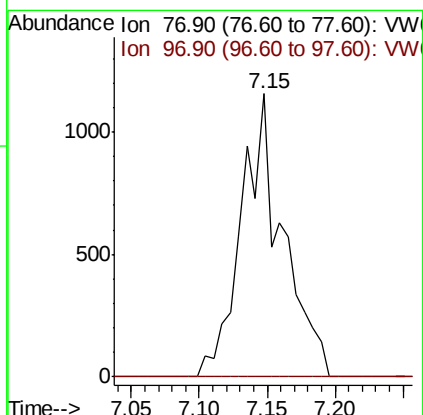
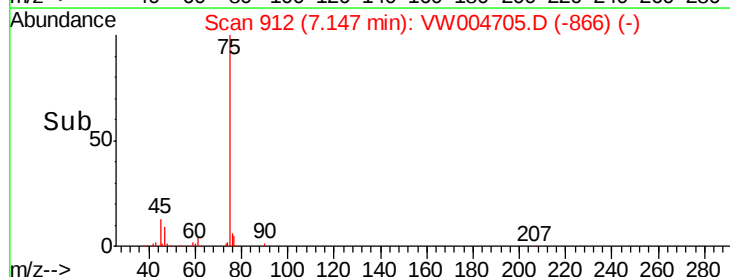
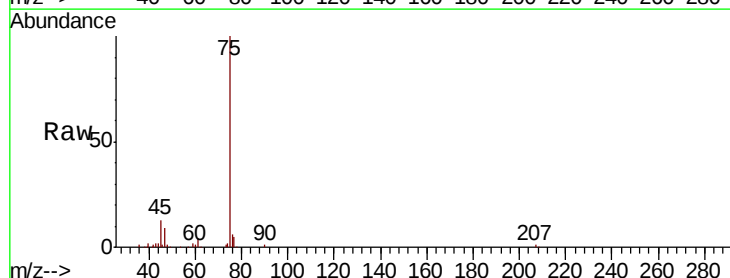
Acq: 15 Aug 2018 19:53

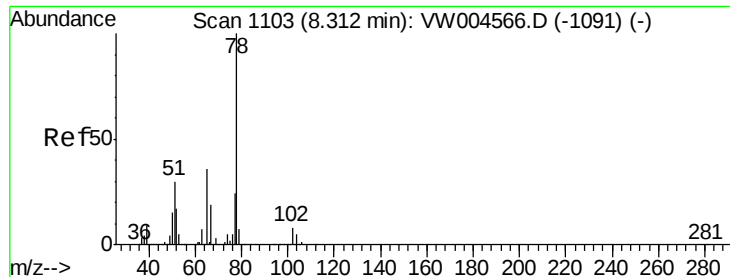
Tgt Ion: 77 Resp: 2454

Ion Ratio Lower Upper

77 100

97 0.0 12.5 37.5#





#33

1,2-Dichloroethane-d4

Concen: 43.340 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.01 min

Lab File: VW004705.D

Acq: 15 Aug 2018 19:53

Instrument :

MSVOA_W

ClientSampled :

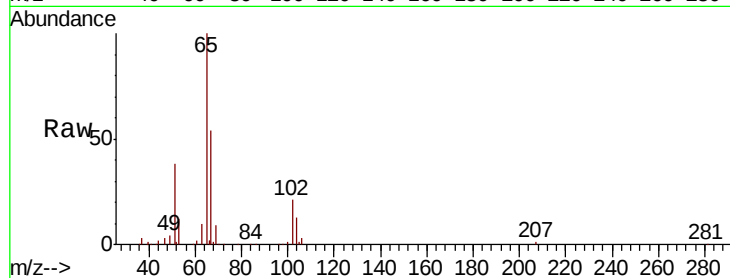
TP-1

Tot Ion: 65 Resp: 77634

Ion Ratio Lower Upper

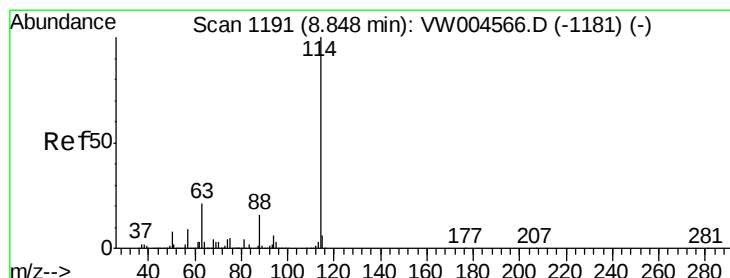
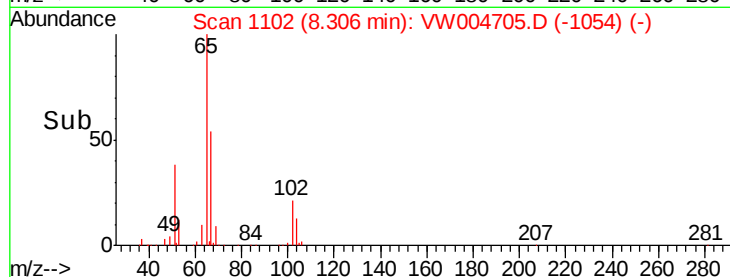
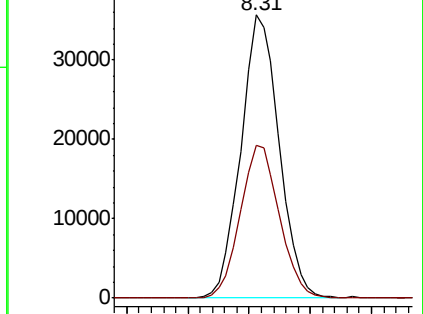
65 100

67 55.1 0.0 109.0



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: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW004705.D

Acq: 15 Aug 2018 19:53

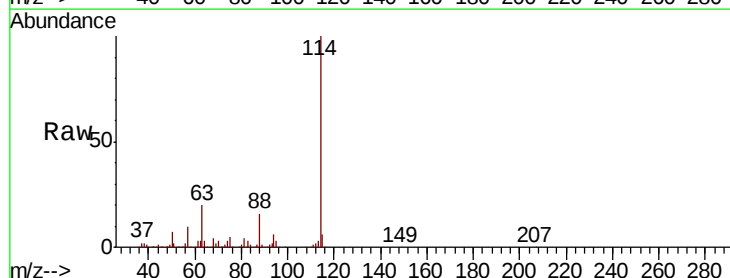
Tgt Ion: 114 Resp: 239920

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

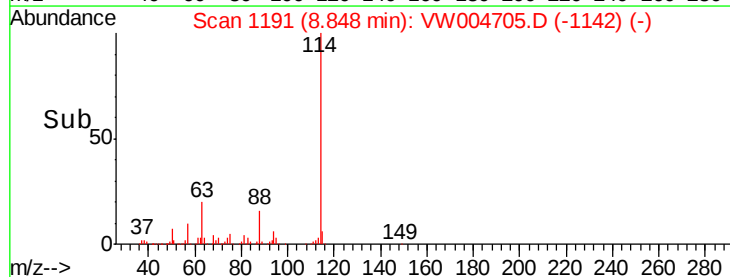
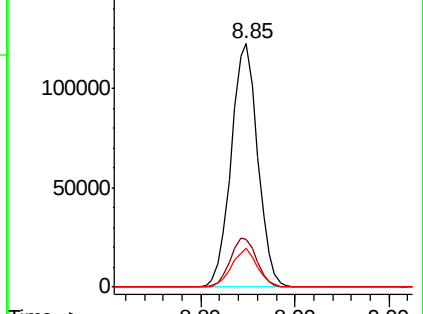
88 15.8 0.0 31.2

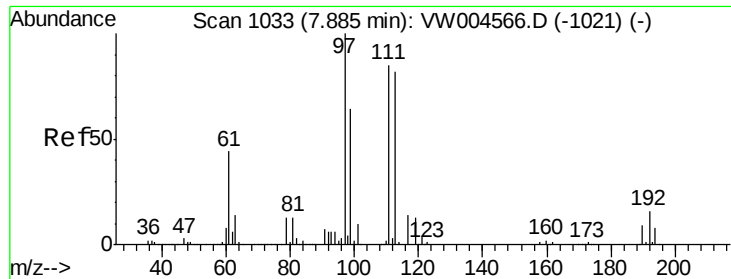


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

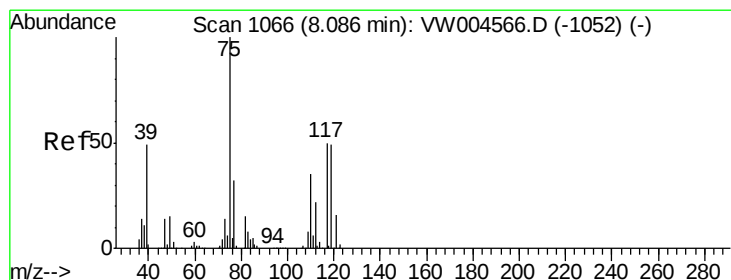
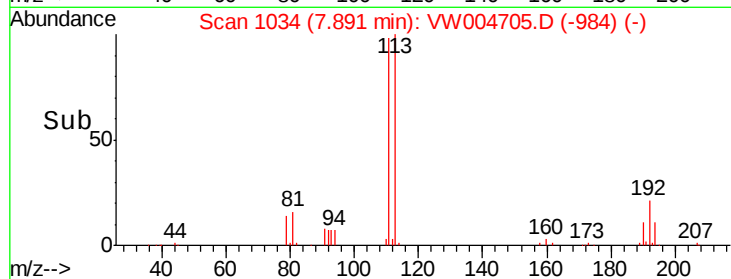
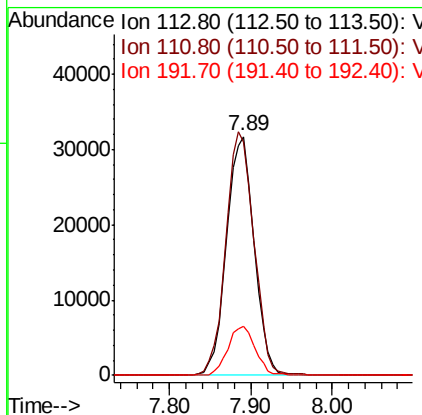
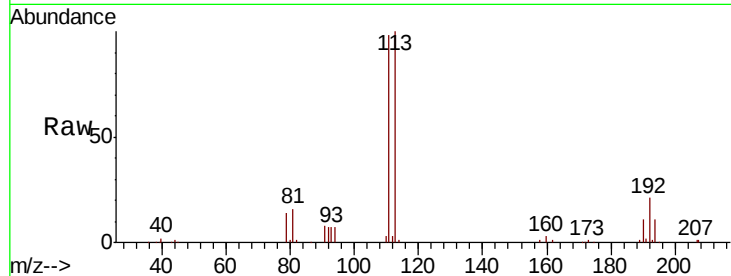




#35
 Dibromofluoromethane
 Concen: 46.231 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004705.D
 Acq: 15 Aug 2018 19:53

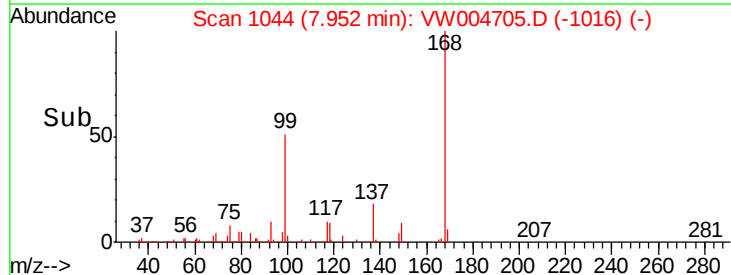
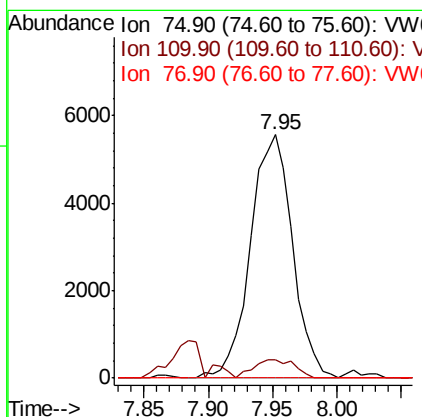
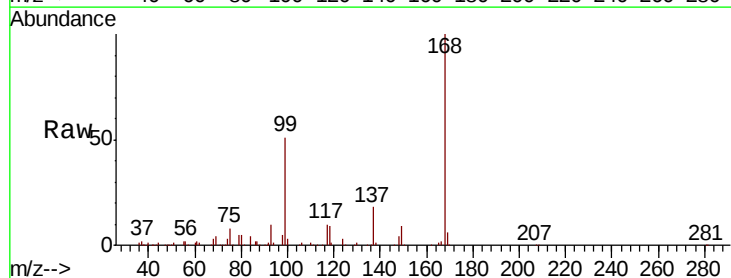
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1

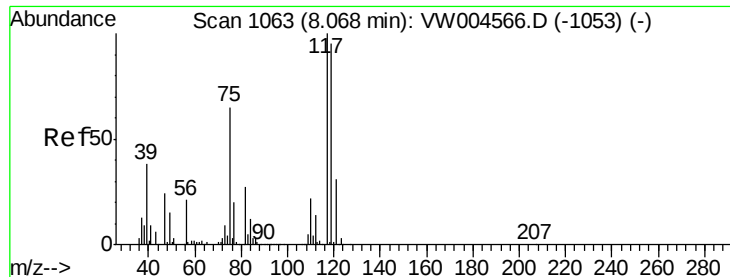
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.9	124.3
192	20.5	15.8	23.6



#36
 1,1-Dichloropropene
 Concen: 4.854 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004705.D
 Acq: 15 Aug 2018 19:53

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.4	17.4	52.2#
77	0.0	24.7	37.1#





#38

Carbon Tetrachloride

Concen: 6.448 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004705.D

Acq: 15 Aug 2018 19:53

Instrument :

MSVOA_W

ClientSampled :

TP-1

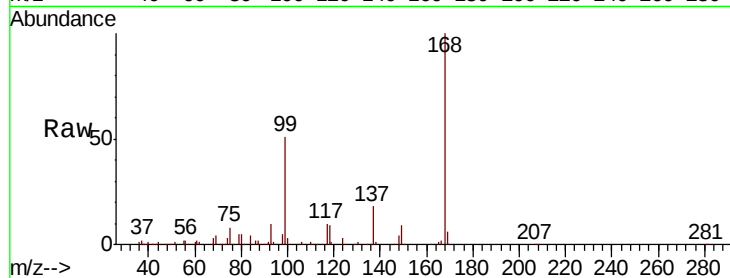
Tot Ion:117 Resp: 14988

Ion Ratio Lower Upper

117 100

119 5.3 76.1 114.1#

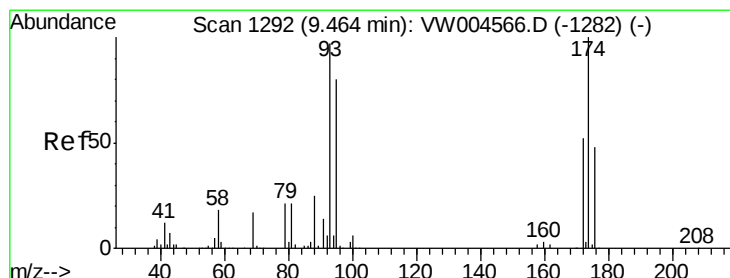
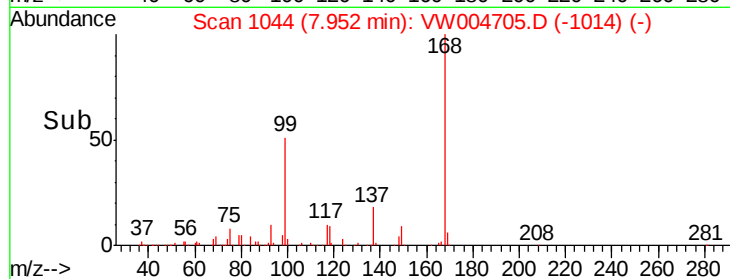
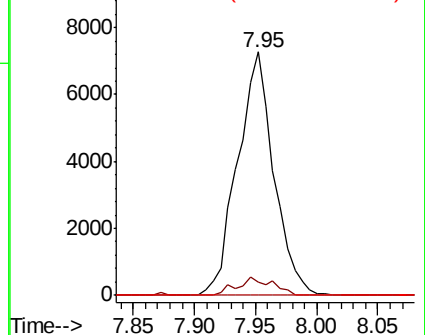
121 0.0 24.2 36.4#



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



#49

1,4-Dioxane

Concen: 3.795 ug/l

RT: 9.46 min Scan# 1291

Delta R.T. -0.01 min

Lab File: VW004705.D

Acq: 15 Aug 2018 19:53

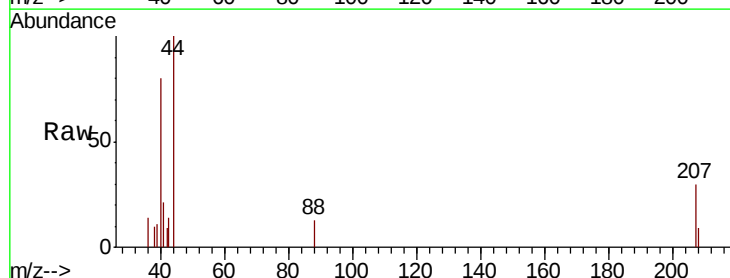
Tgt Ion: 88 Resp: 56

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

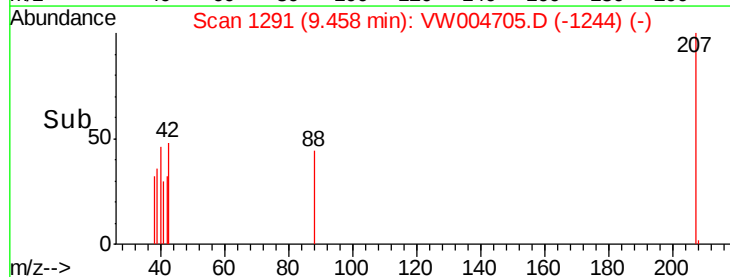
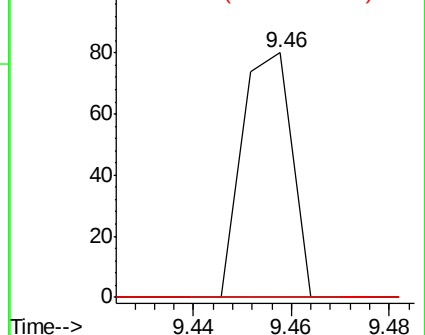
58 0.0 63.5 95.3#

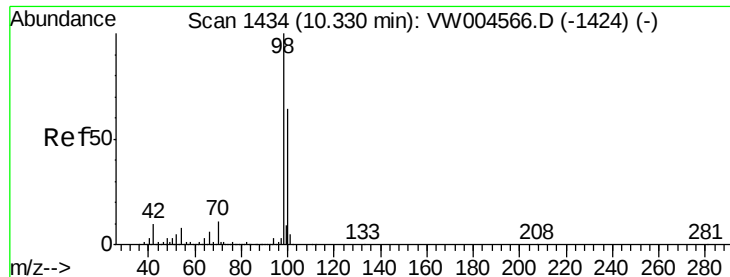


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#50

Toluene-d8

Concen: 38.976 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004705.D

Acq: 15 Aug 2018 19:53

Instrument :

MSVOA_W

ClientSampled :

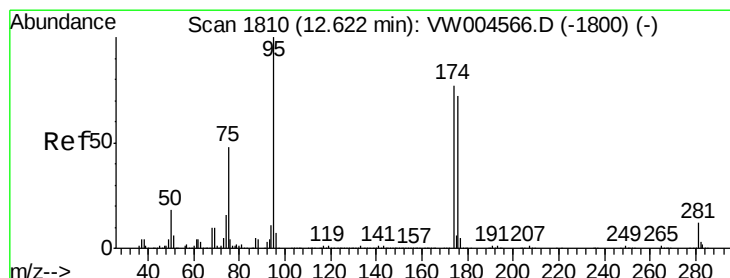
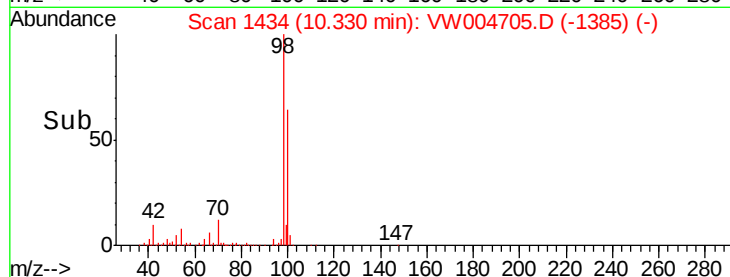
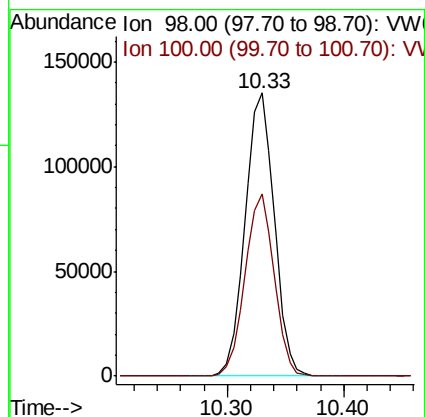
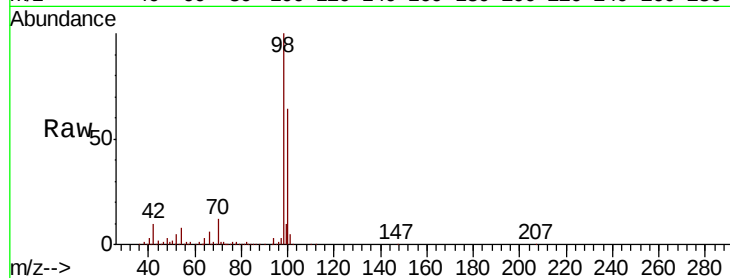
TP-1

Tot Ion: 98 Resp: 237700

Ion Ratio Lower Upper

98 100

100 64.0 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 29.165 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004705.D

Acq: 15 Aug 2018 19:53

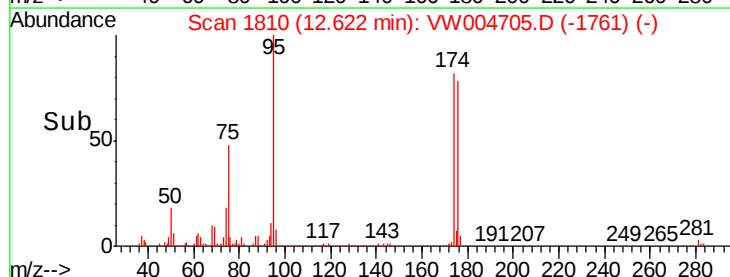
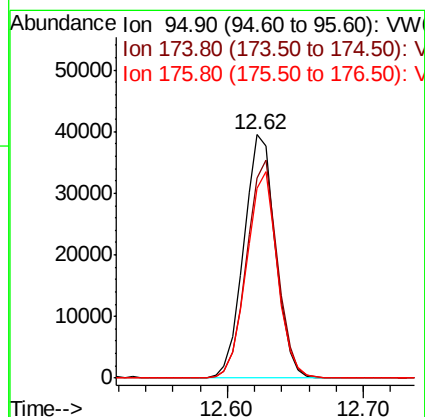
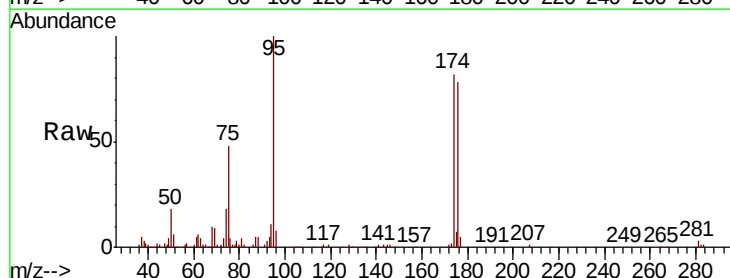
Tgt Ion: 95 Resp: 64072

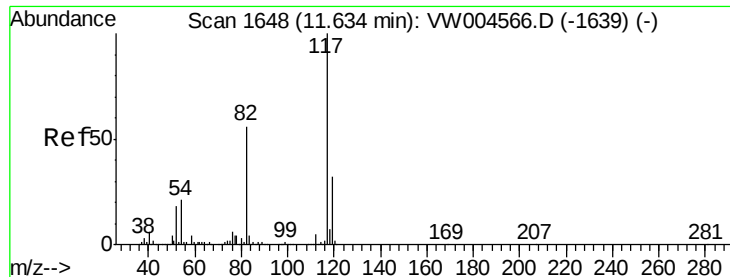
Ion Ratio Lower Upper

95 100

174 87.8 0.0 160.4

176 82.8 0.0 153.2

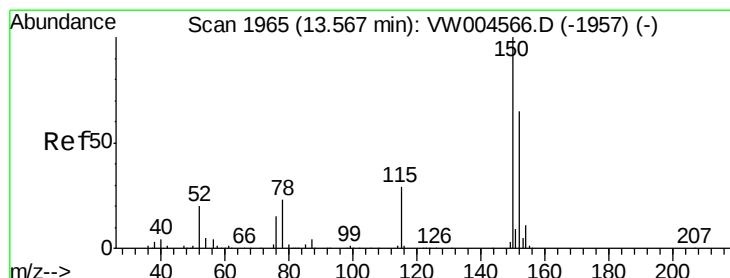
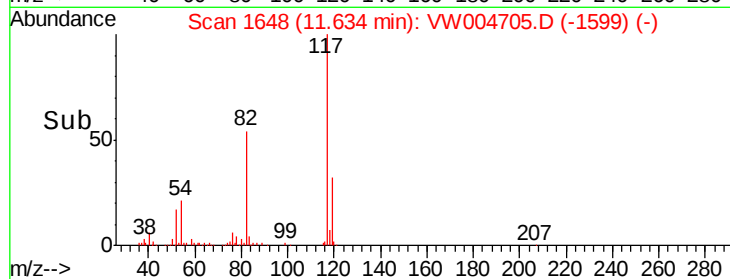
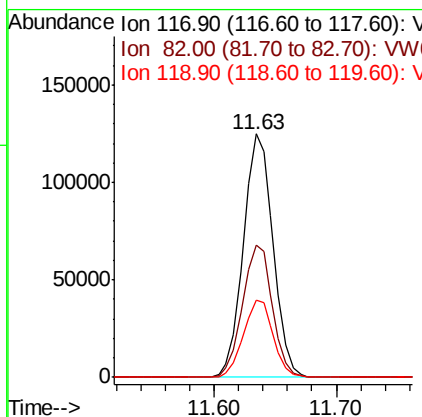
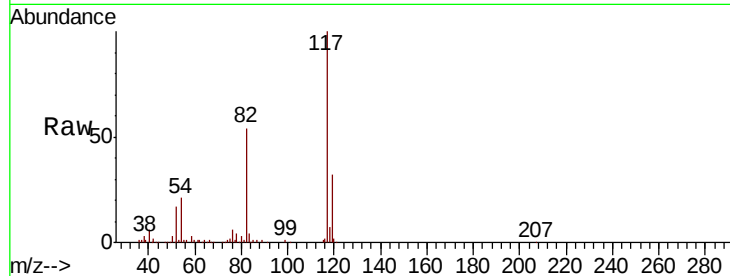




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004705.D
Acq: 15 Aug 2018 19:53

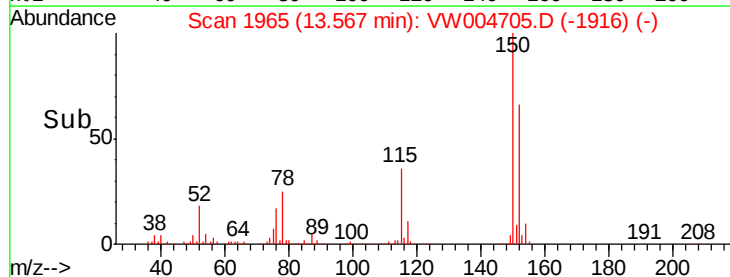
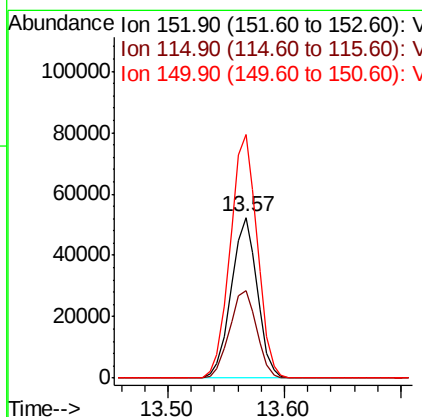
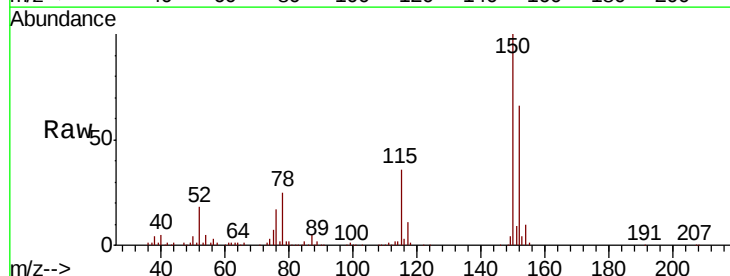
Instrument :
MSVOA_W
ClientSampleId :
TP-1

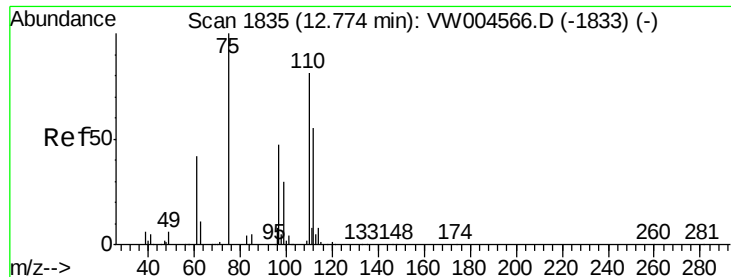
Tot Ion:117 Resp: 210052
Ion Ratio Lower Upper
117 100
82 54.4 45.3 67.9
119 31.7 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004705.D
Acq: 15 Aug 2018 19:53

Tgt Ion:152 Resp: 81687
Ion Ratio Lower Upper
152 100
115 56.5 29.1 87.3
150 156.7 0.0 349.6





#76

1,2,3-Trichloropropane

Concen: 36.810 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004705.D

Acq: 15 Aug 2018 19:53

Instrument :

MSVOA_W

ClientSampleId :

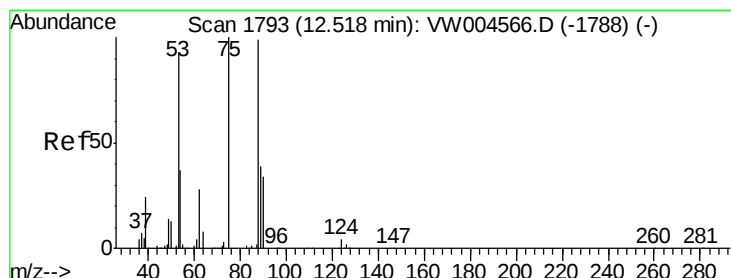
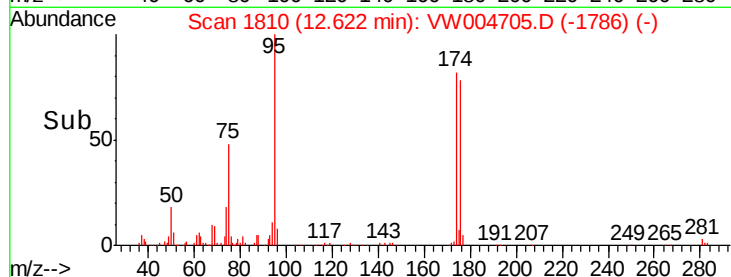
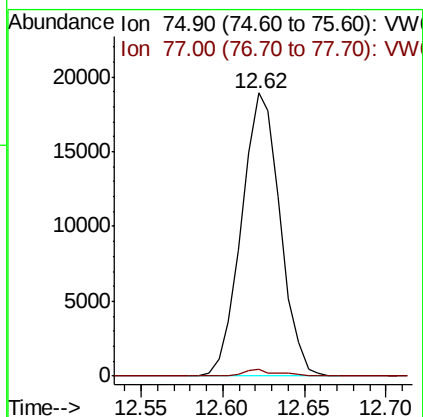
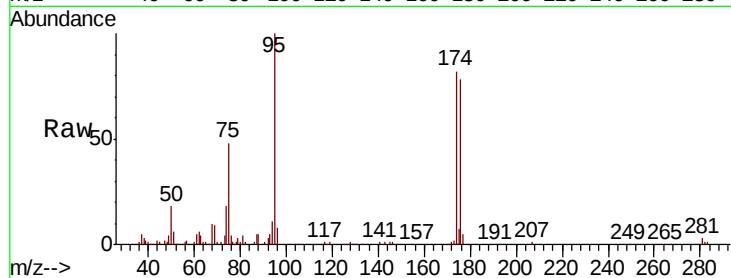
TP-1

Tot Ion: 75 Resp: 31115

Ion Ratio Lower Upper

75 100

77 1.9 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 88.119 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004705.D

Acq: 15 Aug 2018 19:53

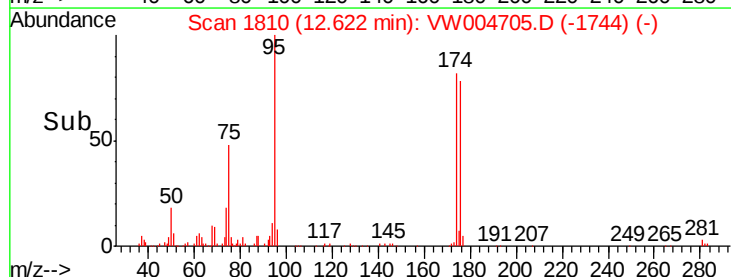
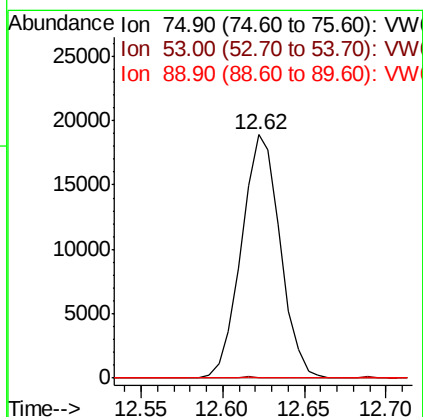
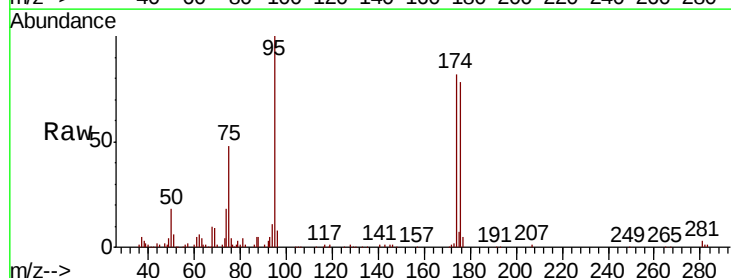
Tgt Ion: 75 Resp: 31115

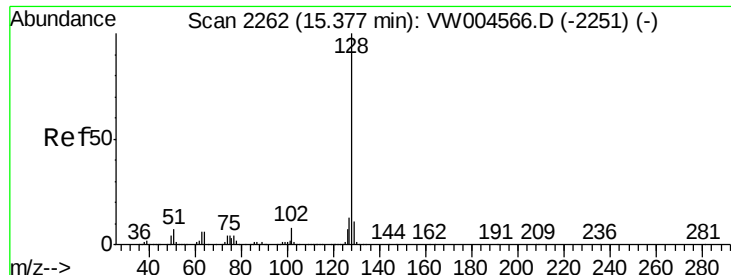
Ion Ratio Lower Upper

75 100

53 0.3 74.4 111.6#

89 0.0 35.9 53.9#





#95

Naphthalene

Concen: 3.444 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004705.D

Acq: 15 Aug 2018 19:53

Instrument :

MSVOA_W

ClientSampleId :

TP-1

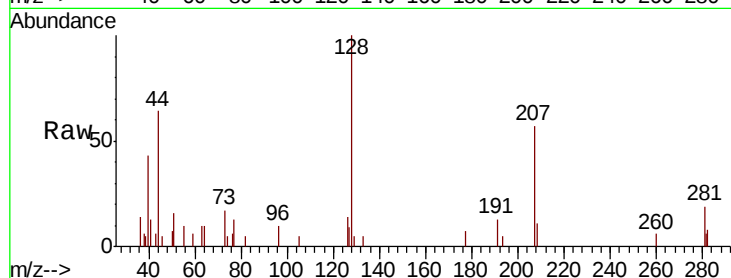
Tot Ion:128 Resp: 2050

Ion Ratio Lower Upper

128 100

127 14.8 10.3 15.5

129 7.0 8.6 13.0



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

