

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072818\
 Data File : VW004248.D
 Acq On : 27 Jul 2018 03:18
 Operator : SY/AP
 Sample : J4162-03
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 27 07:37:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	150115	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	266515	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	177833	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	41686	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	116351	69.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	138.68%	
35) Dibromofluoromethane	7.88	113	104123	60.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.78%	
50) Toluene-d8	10.33	98	296182	44.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.28%	
62) 4-Bromofluorobenzene	12.62	95	54886	22.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	45.88%	

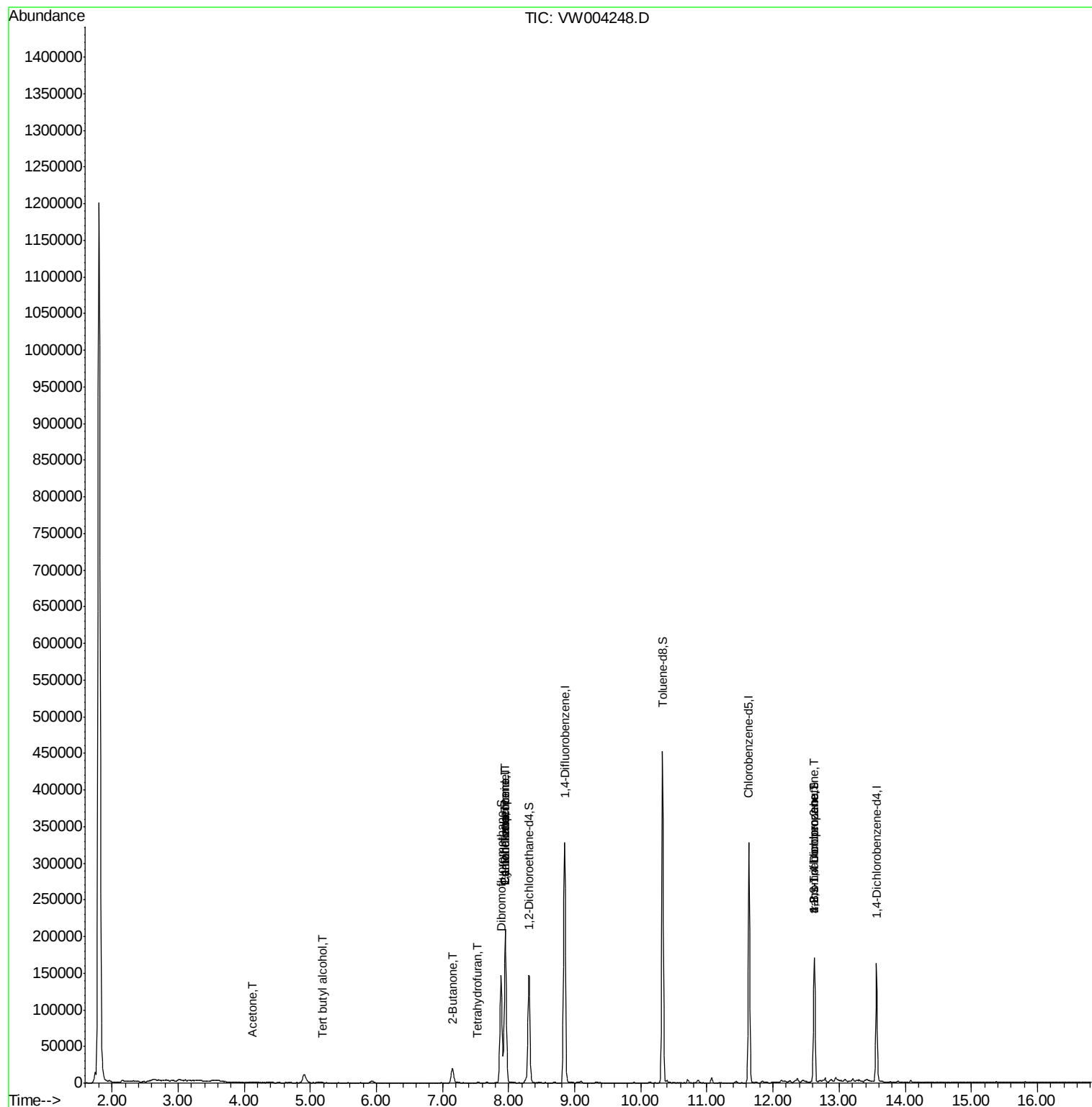
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	203	1.752	ug/l #	72
16) Acetone	4.12	43	2031	5.037	ug/l #	87
20) Methylene Chloride	4.90	84	9376	Below Cal		93
25) 2-Butanone	7.14	43	1192	2.197	ug/l #	51
29) Tetrahydrofuran	7.53	42	368	1.089	ug/l #	45
31) Cyclohexane	7.95	56	3858	1.386	ug/l #	22
36) 1,1-Dichloropropene	7.95	75	12660	4.617	ug/l #	49
38) Carbon Tetrachloride	7.95	117	15117	5.900	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	27976	67.600	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	27976	149.530	ug/l #	11

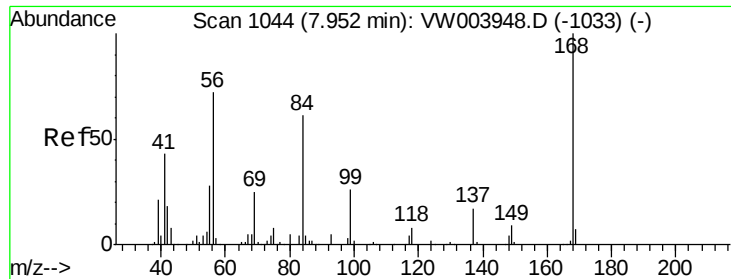
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW072818\
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QLast Update : Mon Jul 16 15:06:12 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: VW004248.D

Acq: 27 Jul 2018 03:18

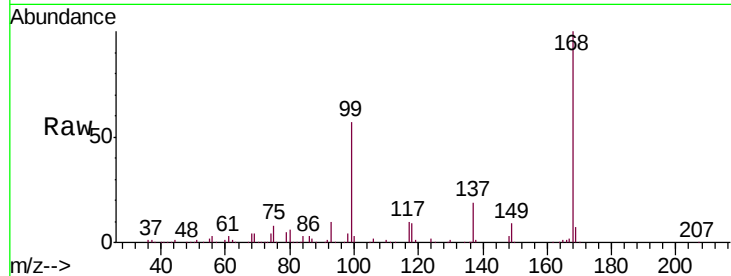
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 150115

Ion Ratio Lower Upper

168 100

99 56.6 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

40000

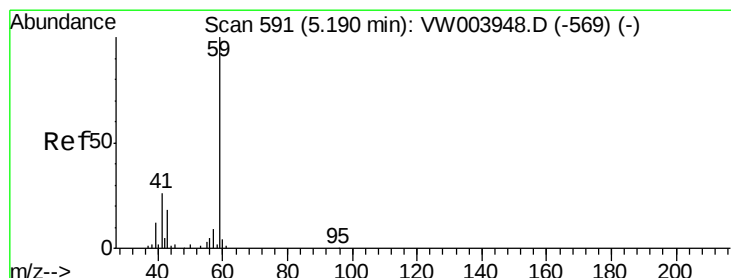
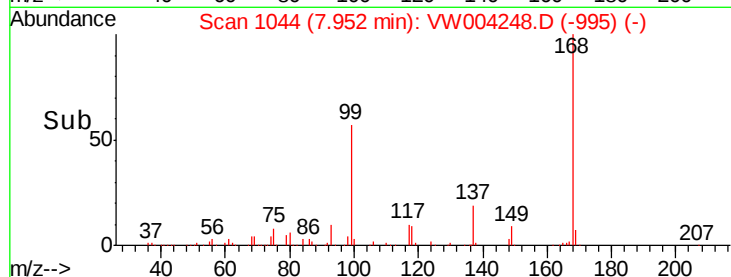
20000

0

Time-->

7.90

8.00



#11

Tert butyl alcohol

Concen: 1.752 ug/l

RT: 5.18 min Scan# 590

Delta R.T. -0.01 min

Lab File: VW004248.D

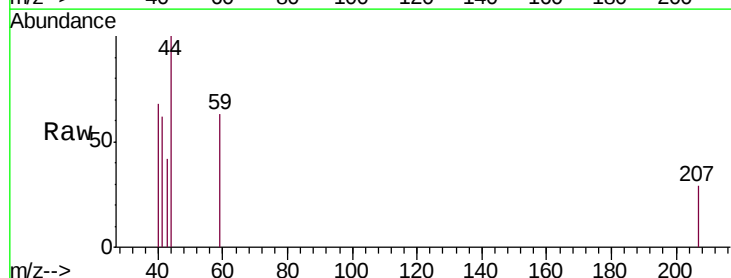
Acq: 27 Jul 2018 03:18

Tgt Ion: 59 Resp: 203

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.18

200

150

100

50

0

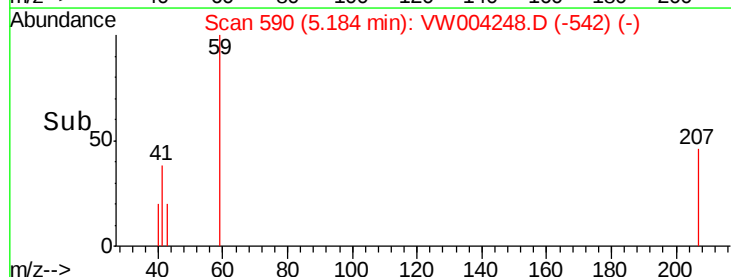
Time-->

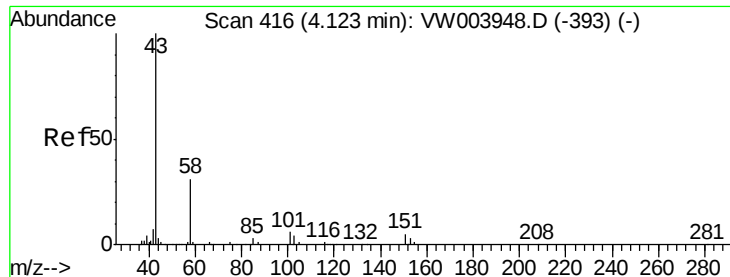
5.16

5.18

5.20

5.22





#16

Acetone

Concen: 5.037 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.00 min

Lab File: VW004248.D

Acq: 27 Jul 2018 03:18

Instrument :

MSVOA_W

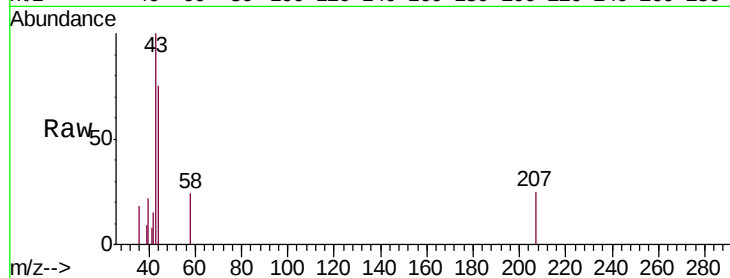
ClientSampleId :

Tot Ion: 43 Resp: 2031

Ion Ratio Lower Upper

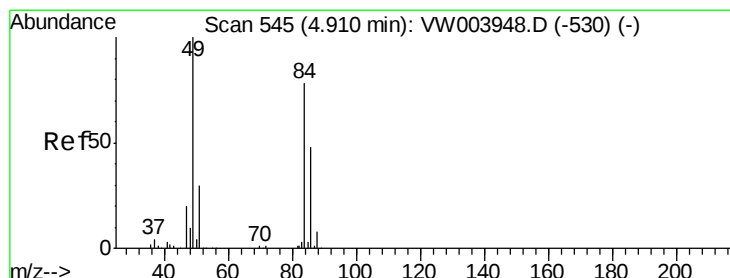
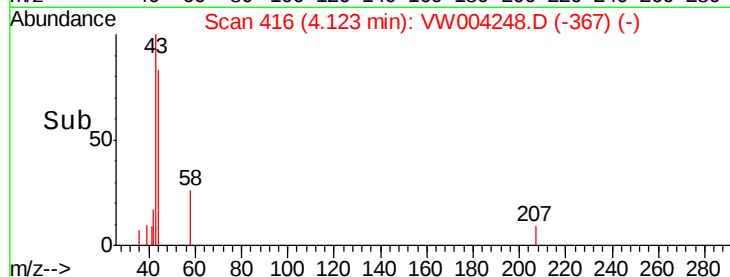
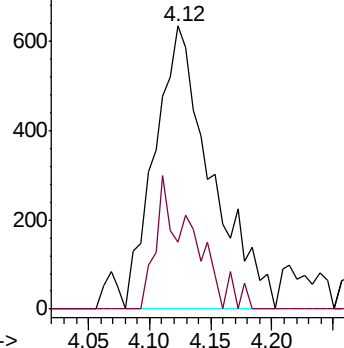
43 100

58 23.7 24.5 36.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: Below Cal

RT: 4.90 min Scan# 543

Delta R.T. -0.01 min

Lab File: VW004248.D

Acq: 27 Jul 2018 03:18

Tgt Ion: 84 Resp: 9376

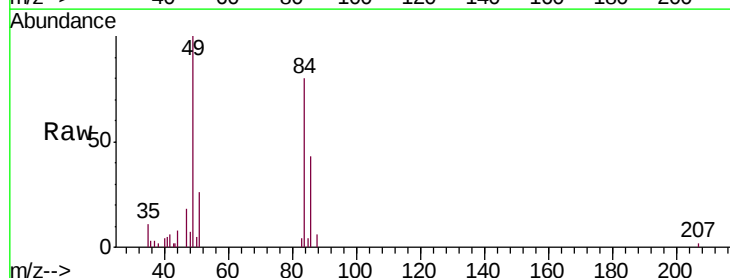
Ion Ratio Lower Upper

84 100

49 124.6 102.9 154.3

51 32.1 30.9 46.3

86 53.3 49.9 74.9

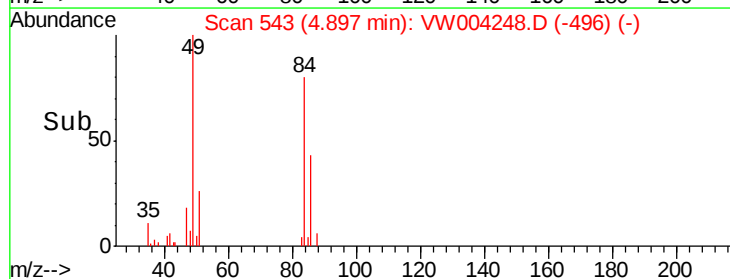
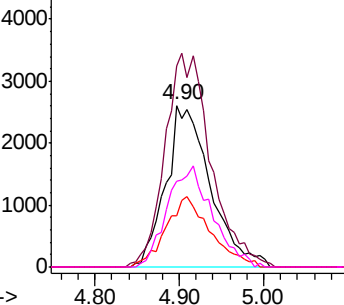


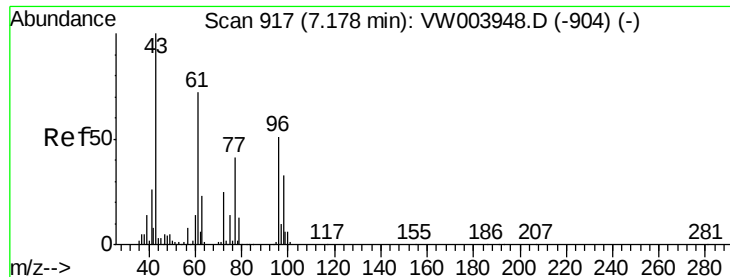
Abundance Ion 83.90 (83.60 to 84.60): VW

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

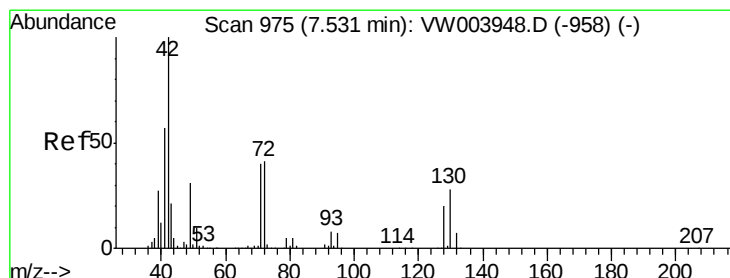
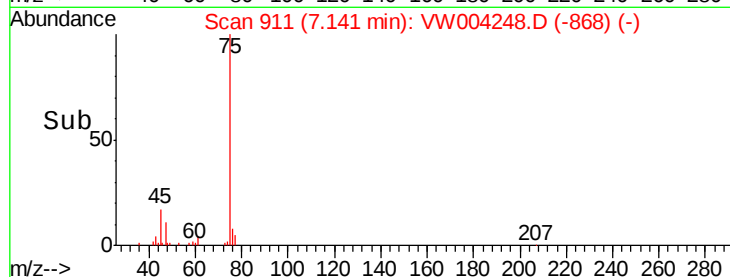
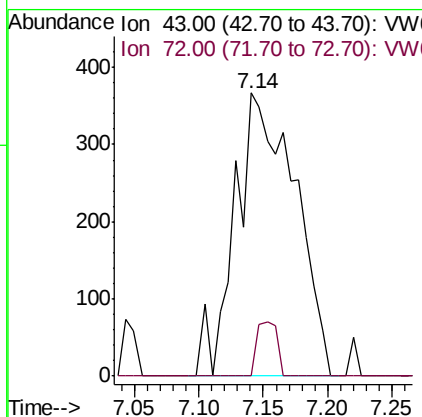
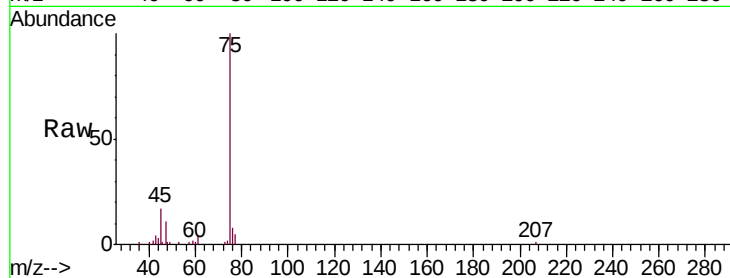




#25
2-Butanone
Concen: 2.197 ug/l
RT: 7.14 min Scan# 911
Delta R.T. -0.04 min
Lab File: VW004248.D
Acq: 27 Jul 2018 03:18

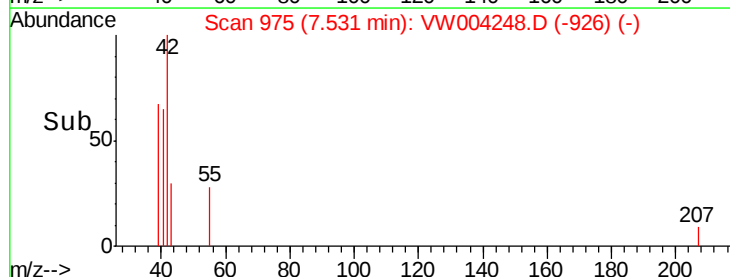
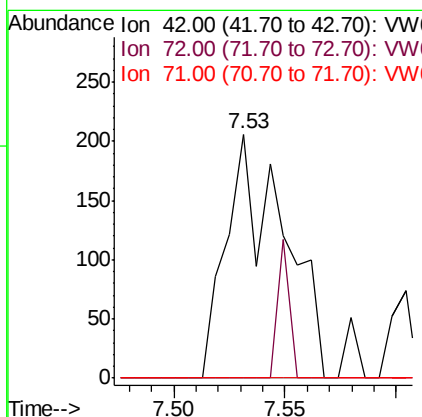
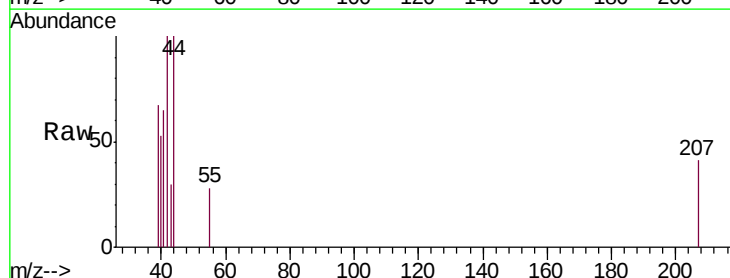
Instrument :
MSVOA_W
ClientSampled :

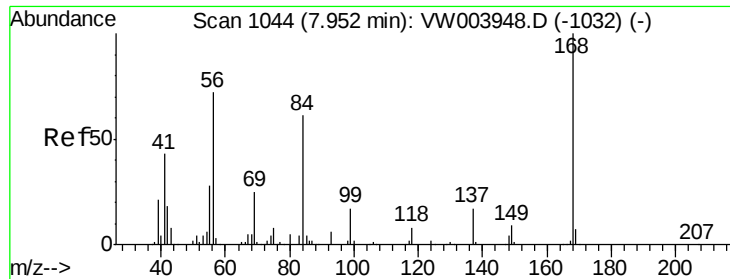
Tot Ion: 43 Resp: 1192
Ion Ratio Lower Upper
43 100
72 0.0 19.8 29.6#



#29
Tetrahydrofuran
Concen: 1.089 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.00 min
Lab File: VW004248.D
Acq: 27 Jul 2018 03:18

Tgt Ion: 42 Resp: 368
Ion Ratio Lower Upper
42 100
72 11.7 32.6 48.8#
71 0.0 30.5 45.7#

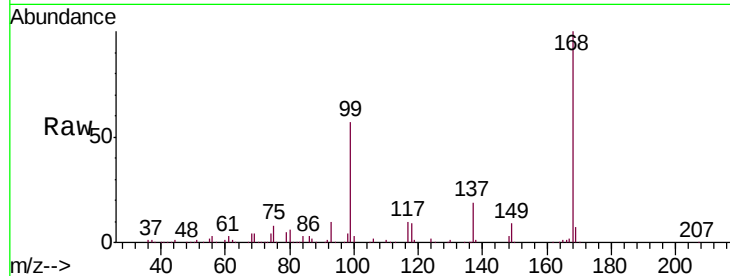




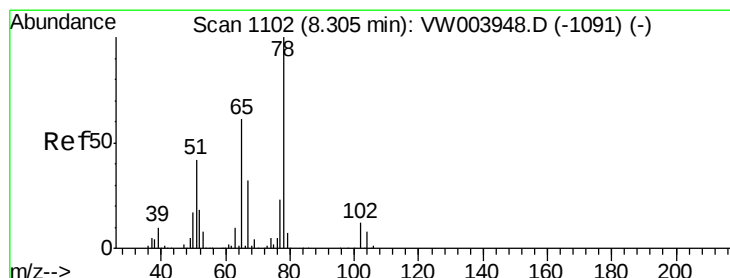
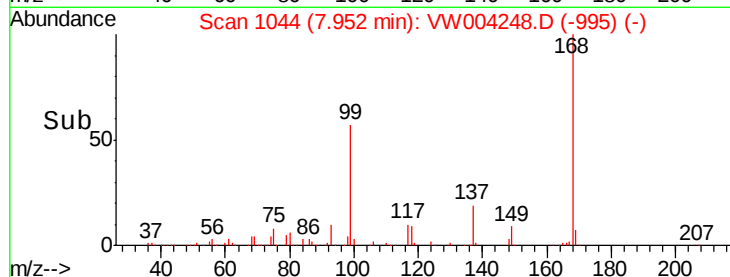
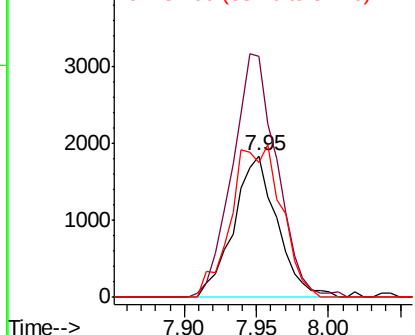
#31
Cyclohexane
Concen: 1.386 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW004248.D
Acq: 27 Jul 2018 03:18

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 3858
Ion Ratio Lower Upper
56 100
69 170.2 27.8 41.8#
84 95.9 67.2 100.8

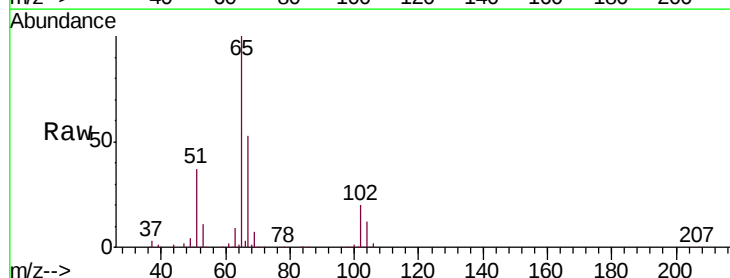


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

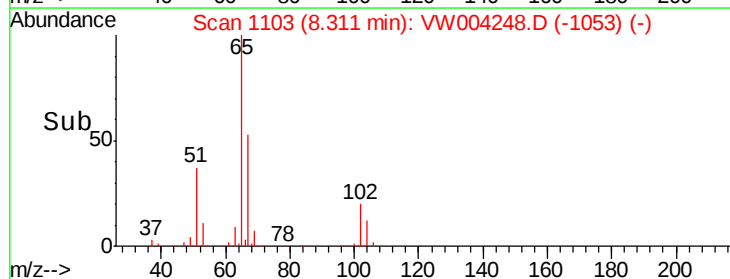
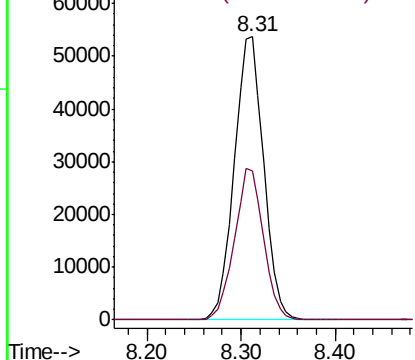


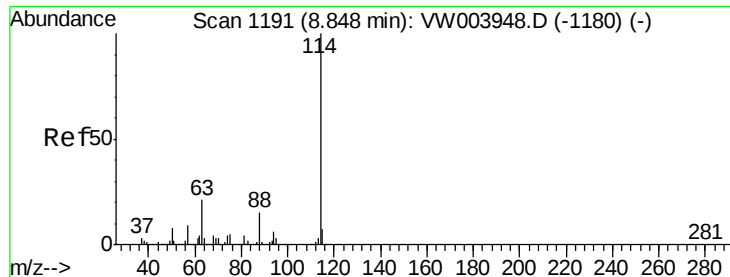
#33
1,2-Dichloroethane-d4
Concen: 69.340 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.01 min
Lab File: VW004248.D
Acq: 27 Jul 2018 03:18

Tgt Ion: 65 Resp: 116351
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.0



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

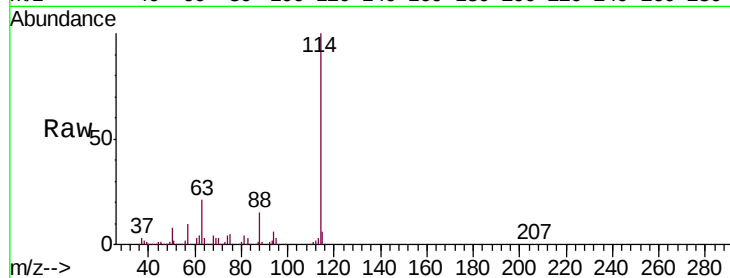




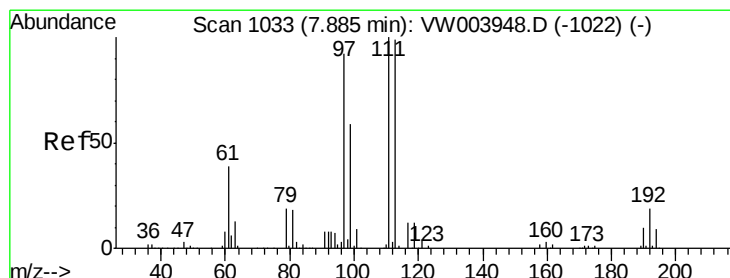
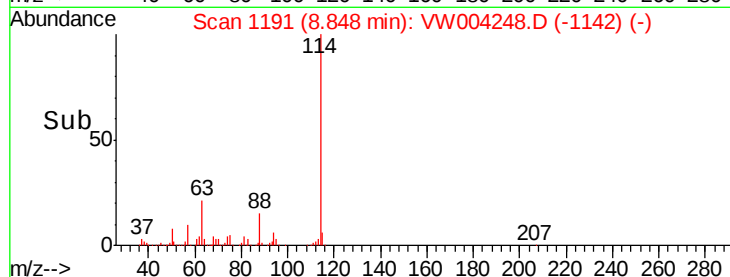
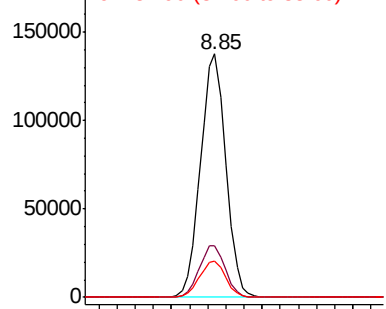
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1191
Delta R.T. -0.00 min
Lab File: VW004248.D
Acq: 27 Jul 2018 03:18

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	42.8
88	15.1	0.0	30.4

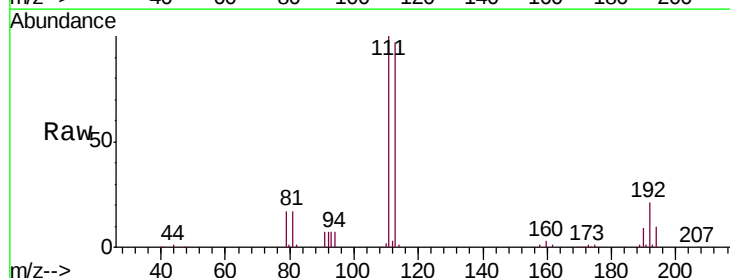


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

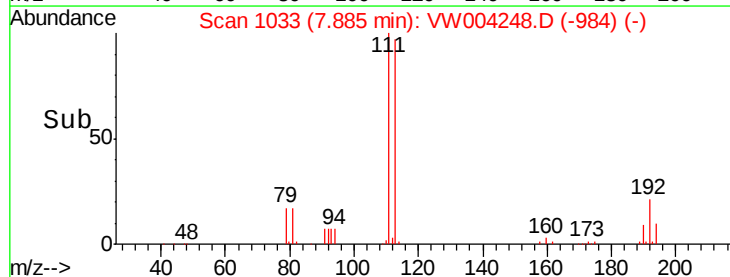
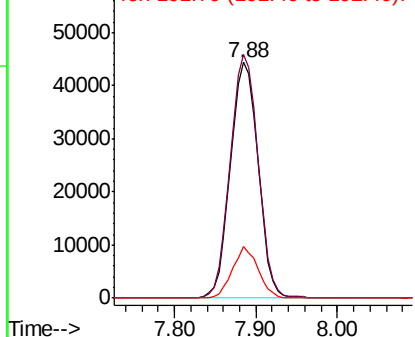


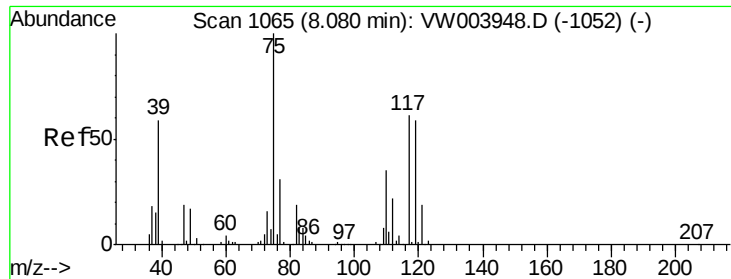
#35
Dibromofluoromethane
Concen: 60.890 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. -0.00 min
Lab File: VW004248.D
Acq: 27 Jul 2018 03:18

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.3	121.9
192	20.1	15.8	23.6



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

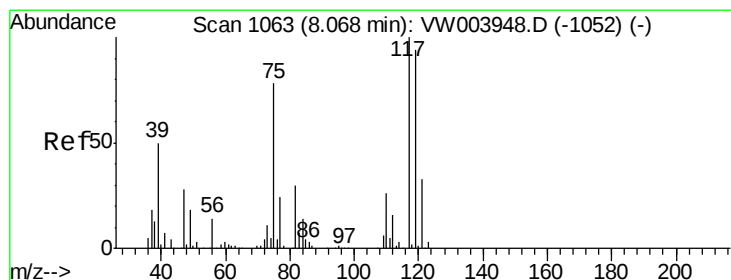
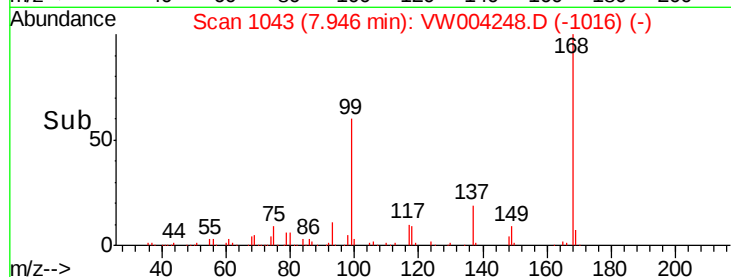
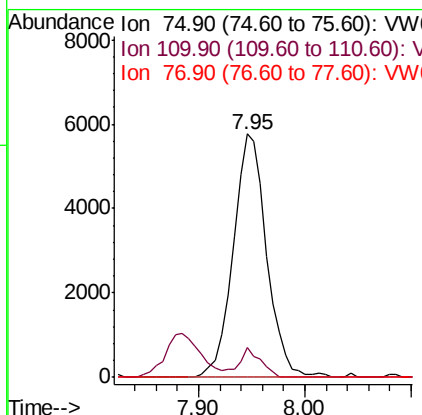
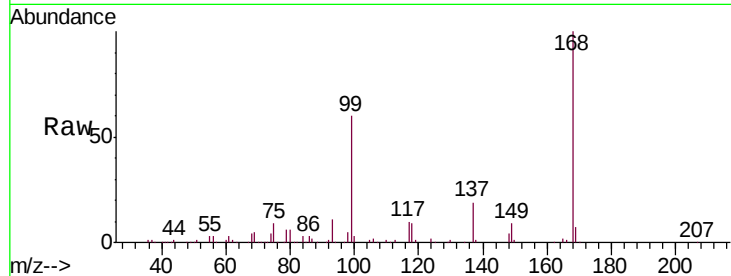




#36
 1,1-Dichloropropene
 Concen: 4.617 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW004248.D
 Acq: 27 Jul 2018 03:18

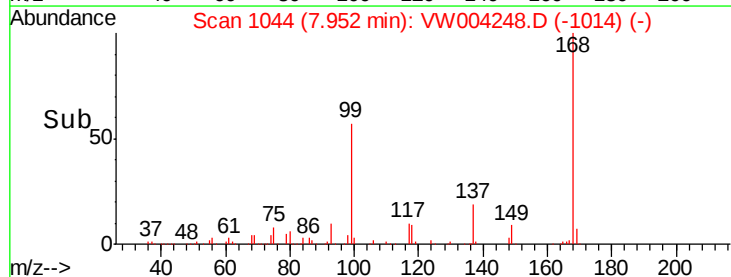
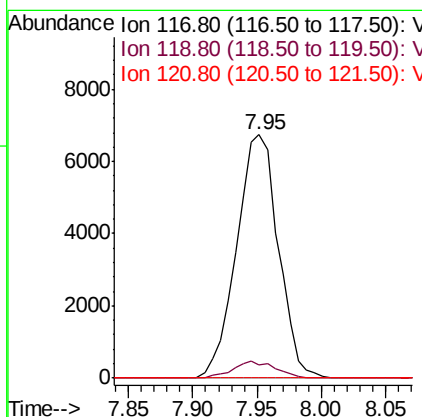
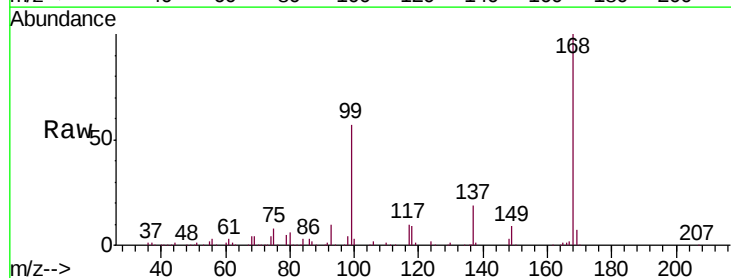
Instrument :
 MSVOA_W
 ClientSampled :

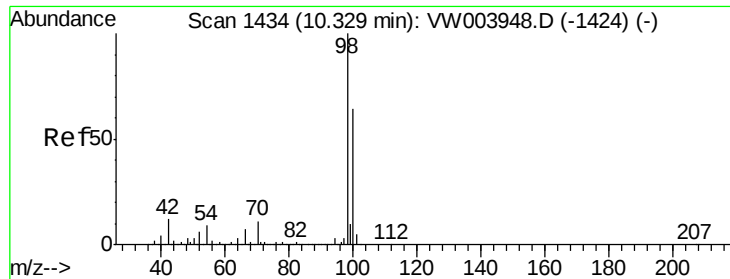
Tot Ion	75	Resp	12660
Ion Ratio	Lower	Upper	
75	100		
110	7.9	17.0	51.0#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 5.900 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW004248.D
 Acq: 27 Jul 2018 03:18

Tgt Ion	117	Resp	15117
Ion Ratio	Lower	Upper	
117	100		
119	5.4	75.3	112.9#
121	0.0	26.0	39.0#





#50

Toluene-d8

Concen: 44.637 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004248.D

Acq: 27 Jul 2018 03:18

Instrument :

MSVOA_W

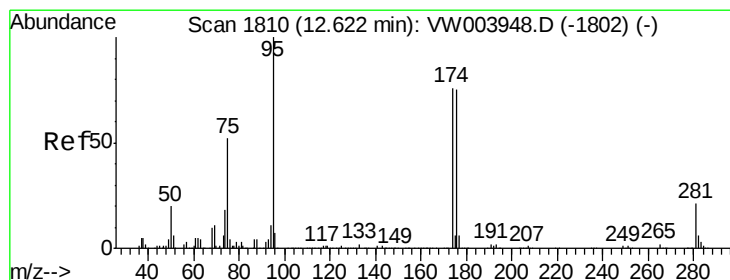
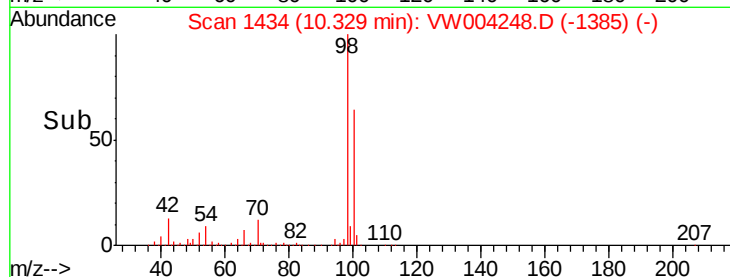
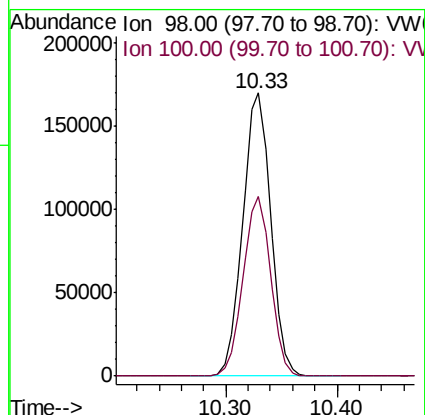
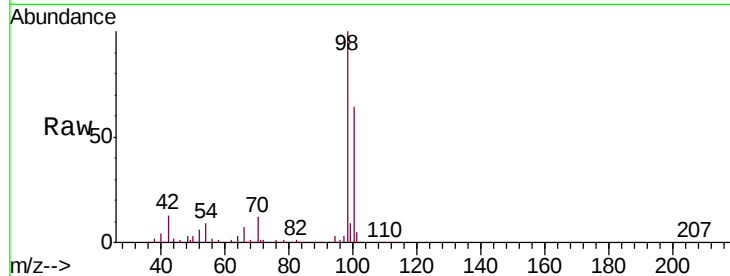
ClientSampleId :

Tot Ion: 98 Resp: 296182

Ion Ratio Lower Upper

98 100

100 62.5 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 22.939 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004248.D

Acq: 27 Jul 2018 03:18

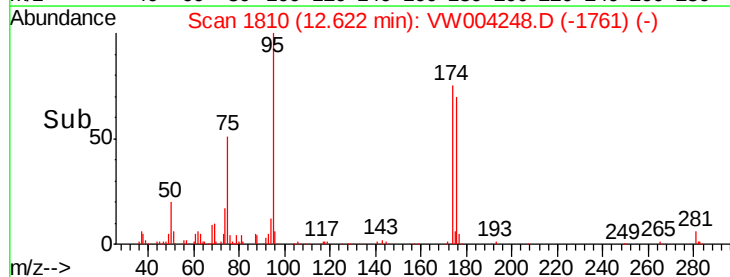
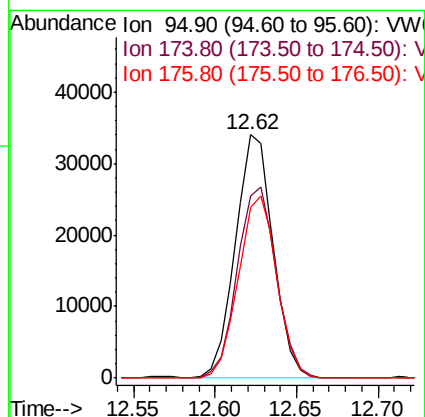
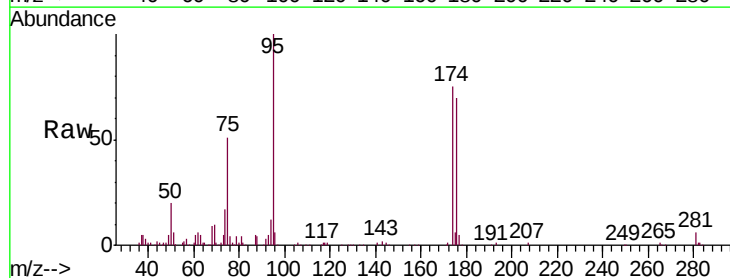
Tgt Ion: 95 Resp: 54886

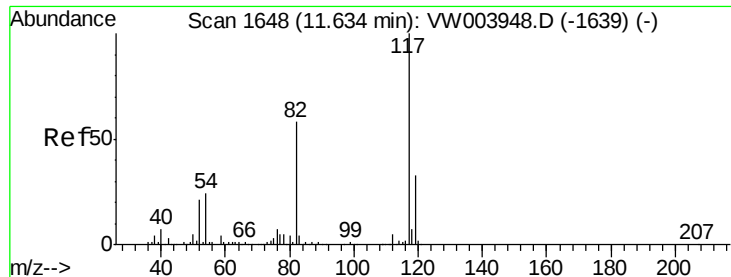
Ion Ratio Lower Upper

95 100

174 81.1 0.0 160.2

176 76.1 0.0 155.8

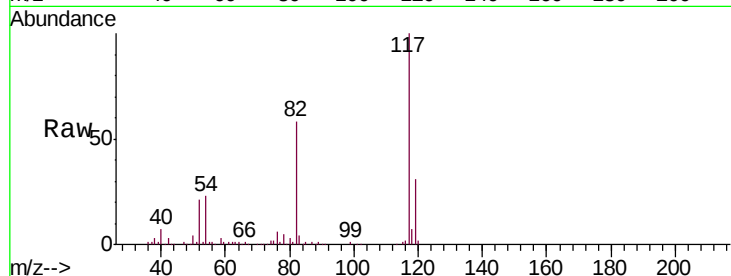




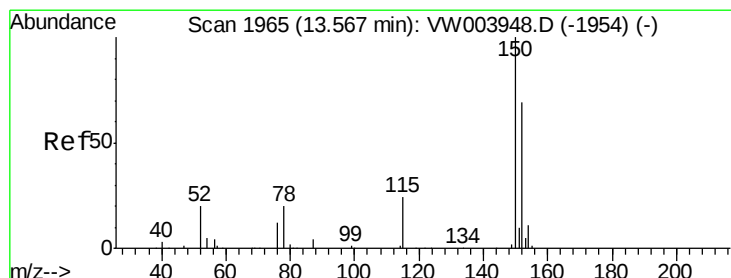
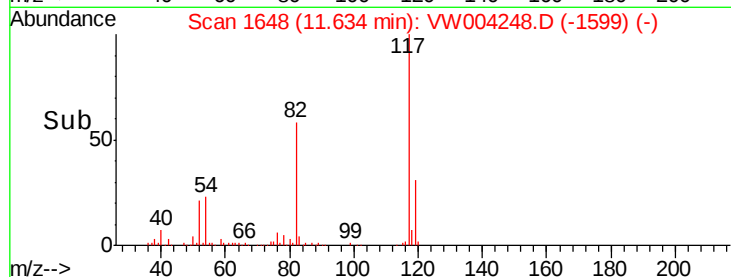
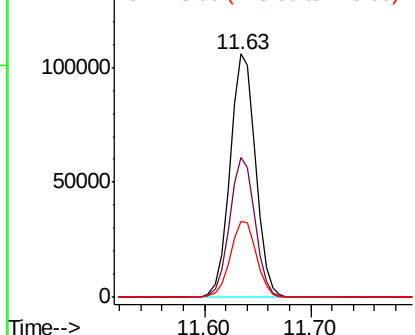
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004248.D
Acq: 27 Jul 2018 03:18

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 177833
Ion Ratio Lower Upper
117 100
82 57.6 46.5 69.7
119 31.4 26.2 39.2

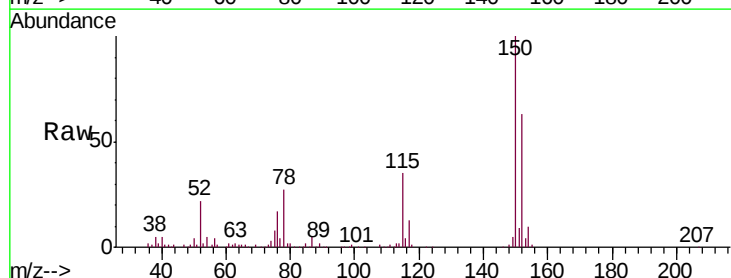


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

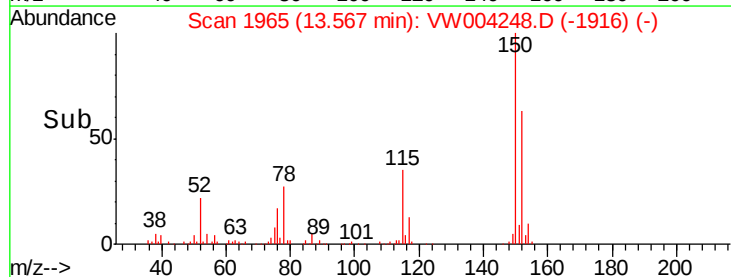
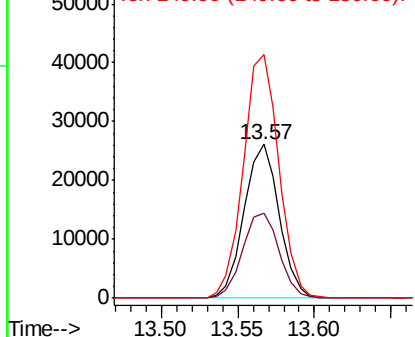


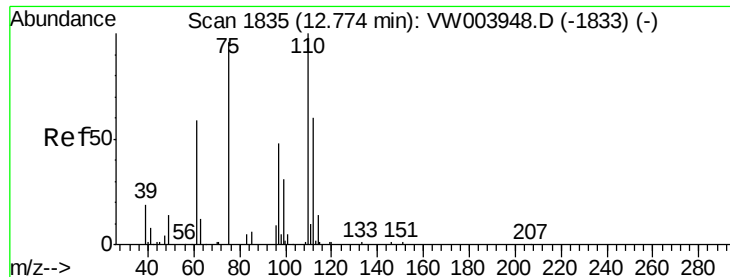
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004248.D
Acq: 27 Jul 2018 03:18

Tgt Ion:152 Resp: 41686
Ion Ratio Lower Upper
152 100
115 57.6 29.2 87.6
150 160.2 0.0 345.2



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: 67.600 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004248.D

Acq: 27 Jul 2018 03:18

Instrument :

MSVOA_W

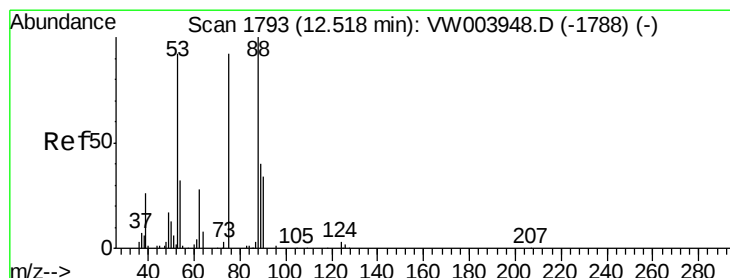
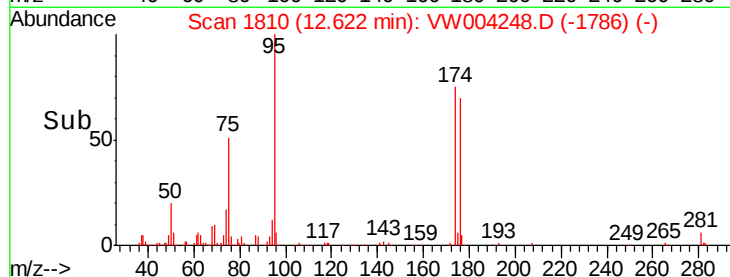
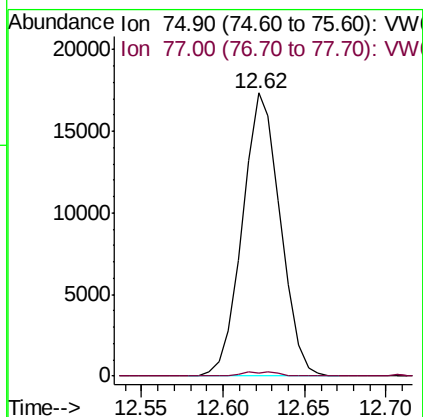
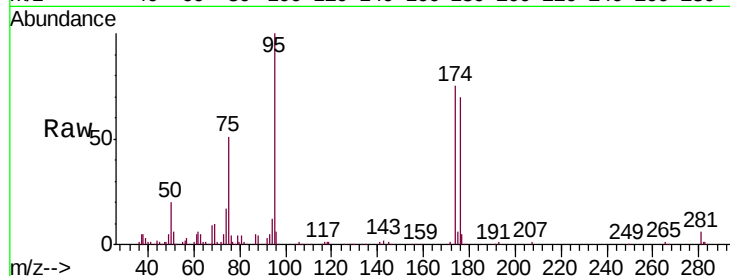
ClientSampleId :

Tot Ion: 75 Resp: 27976

Ion Ratio Lower Upper

75 100

77 1.8 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 149.530 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004248.D

Acq: 27 Jul 2018 03:18

Tgt Ion: 75 Resp: 27976

Ion Ratio Lower Upper

75 100

53 0.1 77.6 116.4#

89 0.0 36.6 54.8#

