

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072818\
 Data File : VW004244.D
 Acq On : 27 Jul 2018 00:37
 Operator : SY/AP
 Sample : VW0728SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 27 07:36:43 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	210433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	366651	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	345383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	164923	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	140718	59.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.64%	
35) Dibromofluoromethane	7.88	113	121186	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
50) Toluene-d8	10.33	98	437298	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
62) 4-Bromofluorobenzene	12.62	95	149350	45.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.74%	

Target Compounds

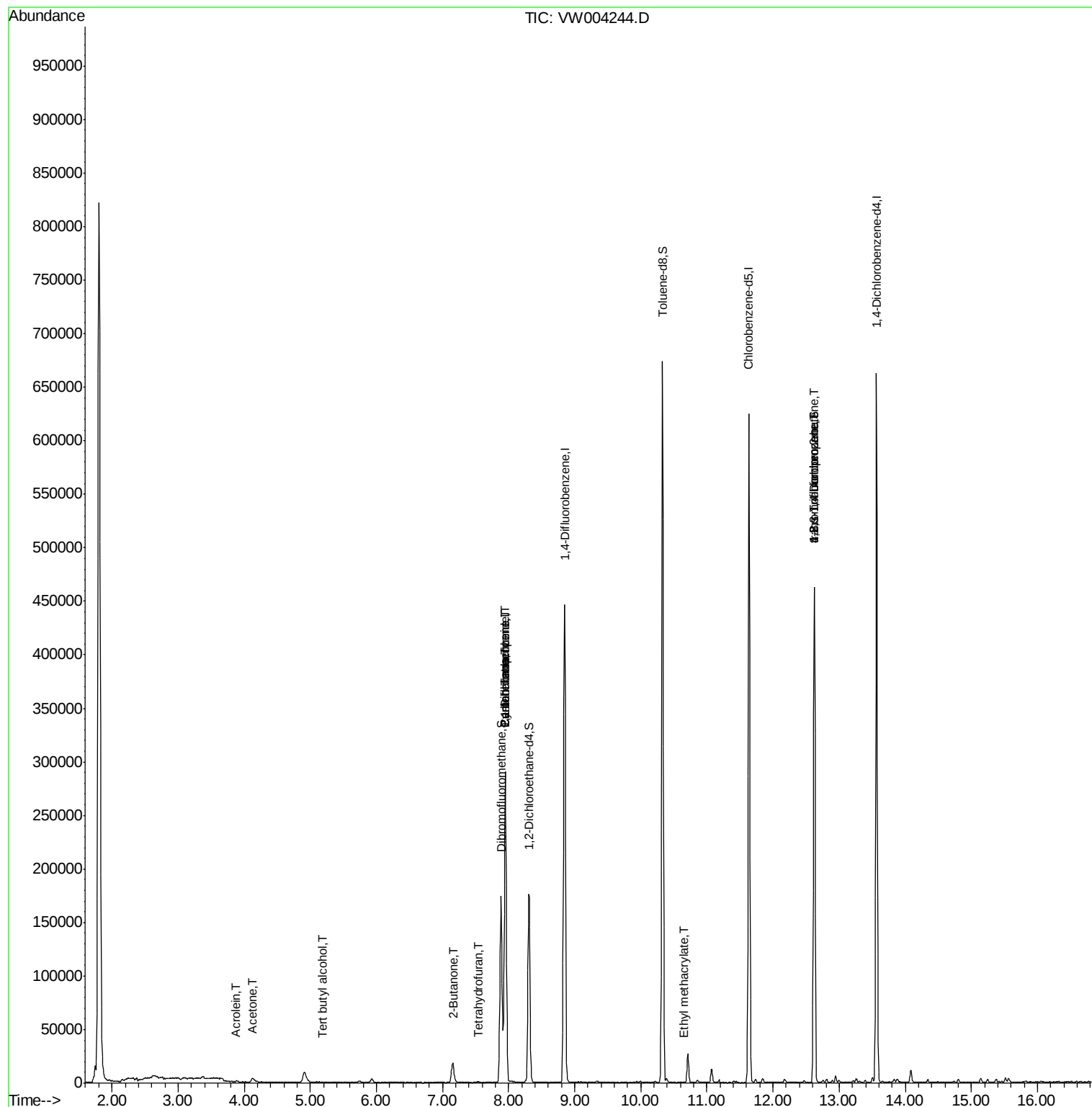
					Qvalue	
11) Tert butyl alcohol	5.19	59	392	2.414	ug/l #	72
13) Acrolein	3.87	56	290	1.738	ug/l #	1
16) Acetone	4.12	43	7959	14.081	ug/l	94
20) Methylene Chloride	4.90	84	8565	Below Cal		94
25) 2-Butanone	7.15	43	1709	2.247	ug/l #	51
29) Tetrahydrofuran	7.54	42	560	1.182	ug/l #	54
31) Cyclohexane	7.95	56	5246	1.344	ug/l #	5
36) 1,1-Dichloropropene	7.95	75	17111	4.536	ug/l #	51
38) Carbon Tetrachloride	7.95	117	21274	6.036	ug/l #	19
56) Ethyl methacrylate	10.65	69	135	2.992	ug/l #	68
76) 1,2,3-Trichloropropane	12.62	75	76002	46.419	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	76002	102.678	ug/l #	11

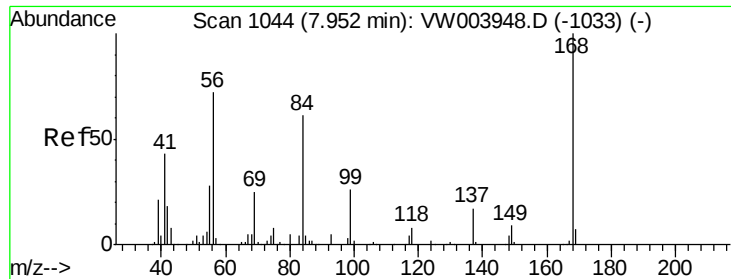
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW004244.D

Acq: 27 Jul 2018 00:37

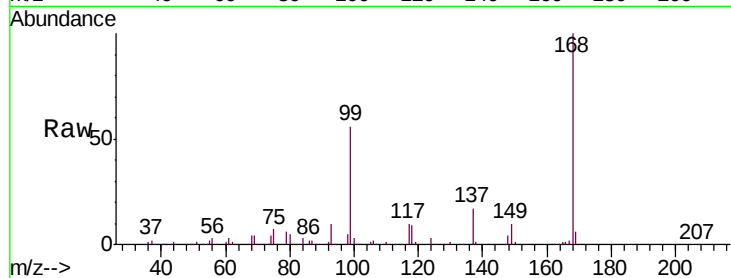
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 210433

Ion Ratio Lower Upper

168 100

99 55.7 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

100000

80000

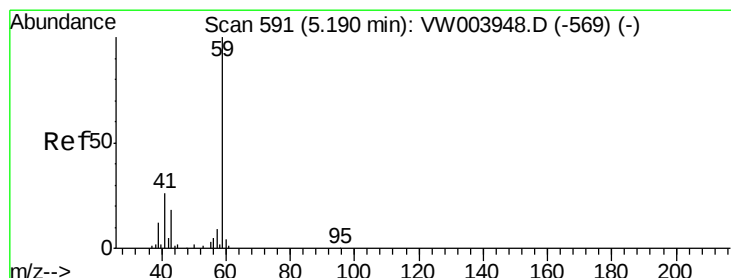
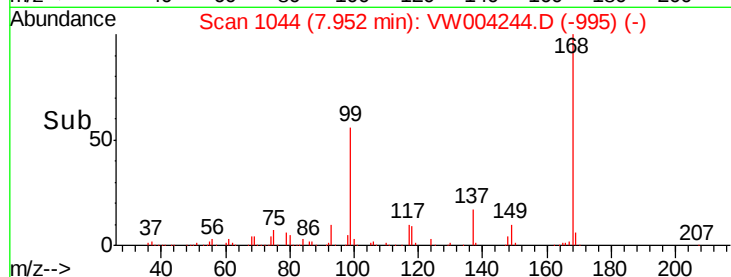
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 2.414 ug/l

RT: 5.19 min Scan# 591

Delta R.T. 0.00 min

Lab File: VW004244.D

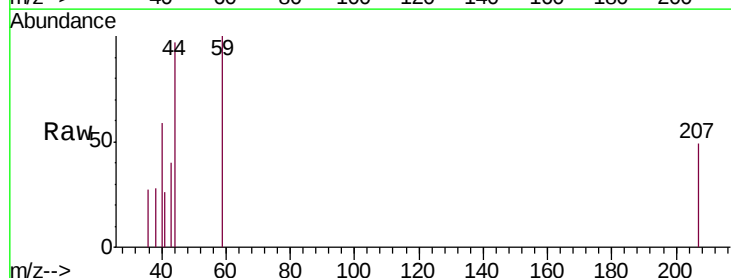
Acq: 27 Jul 2018 00:37

Tgt Ion: 59 Resp: 392

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

5.19

250

200

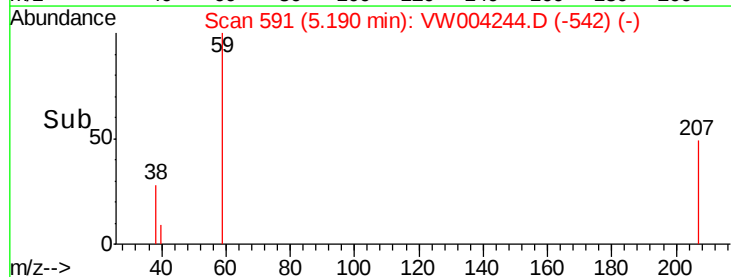
150

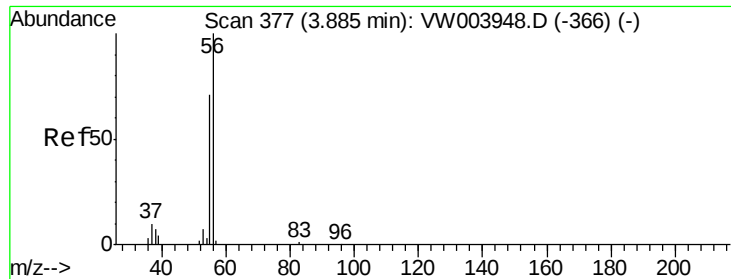
100

50

0

Time-->





#13

Acrolein

Concen: 1.738 ug/l

RT: 3.87 min Scan# 375

Delta R.T. -0.01 min

Lab File: VW004244.D

Acq: 27 Jul 2018 00:37

Instrument :

MSVOA_W

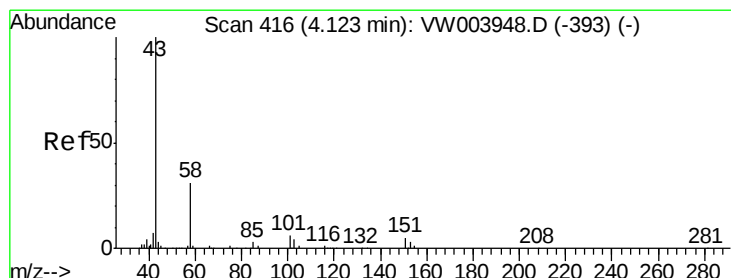
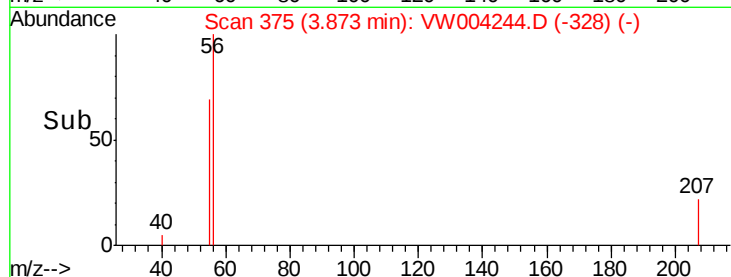
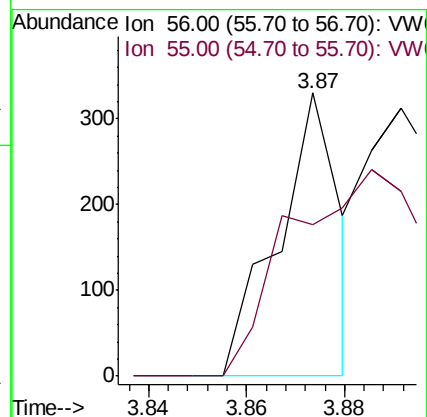
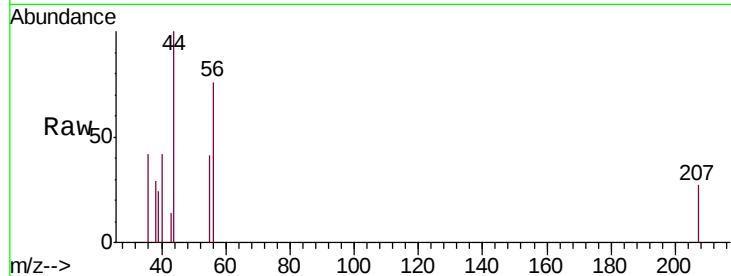
ClientSampled :

Tot Ion: 56 Resp: 290

Ion Ratio Lower Upper

56 100

55 200.7 58.2 87.4#



#16

Acetone

Concen: 14.081 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.00 min

Lab File: VW004244.D

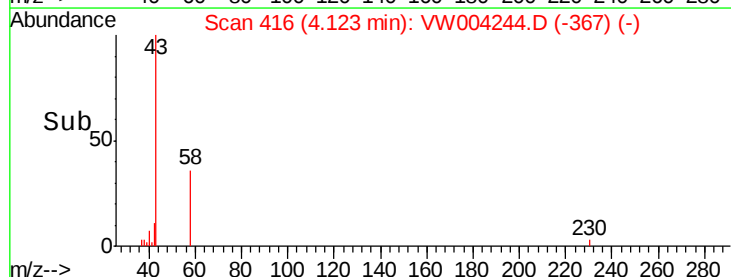
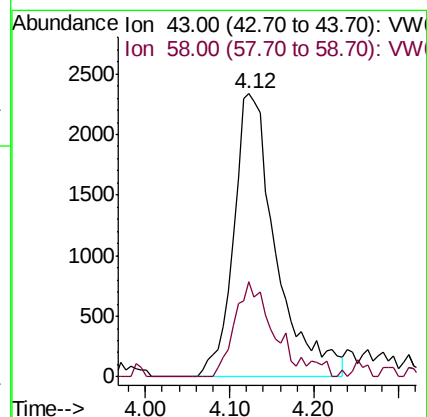
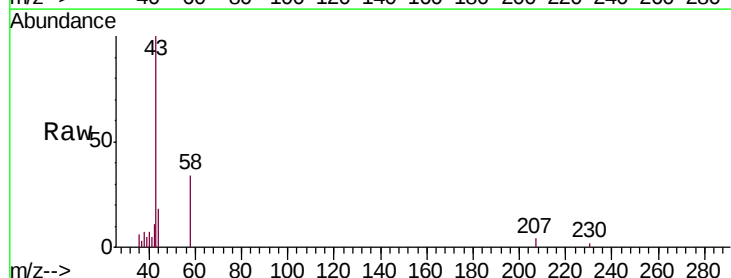
Acq: 27 Jul 2018 00:37

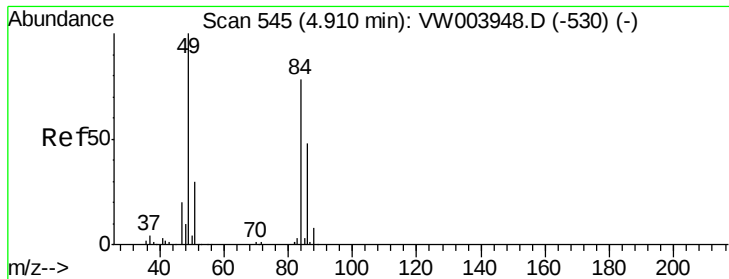
Tgt Ion: 43 Resp: 7959

Ion Ratio Lower Upper

43 100

58 33.7 24.5 36.7

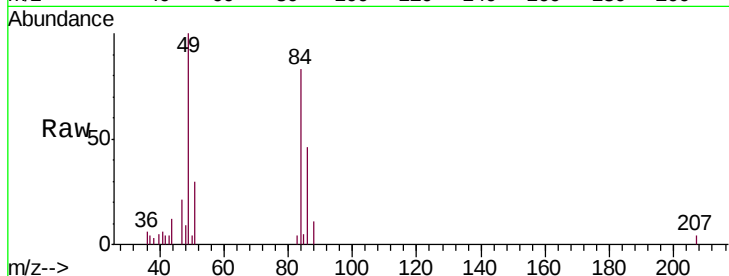




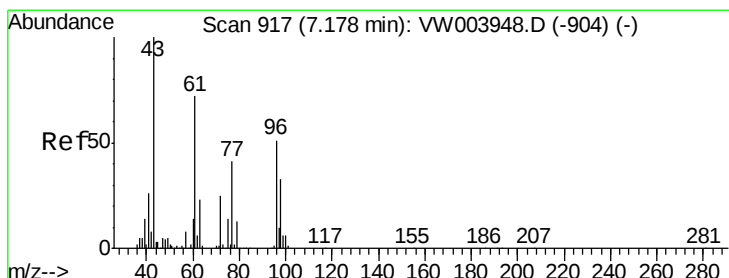
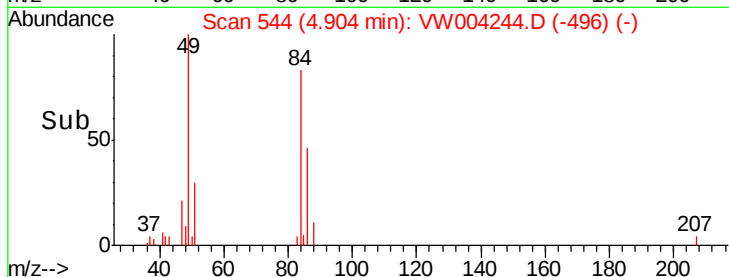
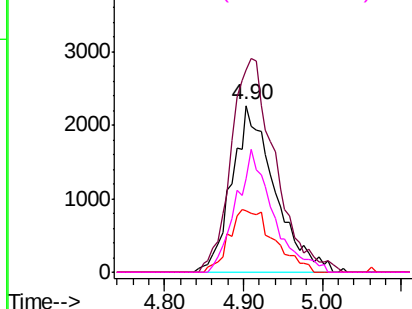
#20
Methylene Chloride
Concen: Below Cal
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW004244.D
Acq: 27 Jul 2018 00:37

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 84 Resp: 8565
Ion Ratio Lower Upper
84 100
49 121.2 102.9 154.3
51 36.7 30.9 46.3
86 56.3 49.9 74.9

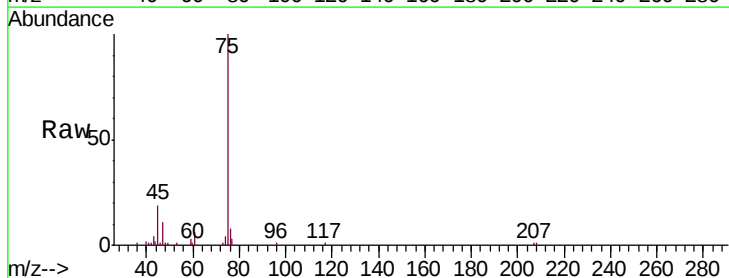


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

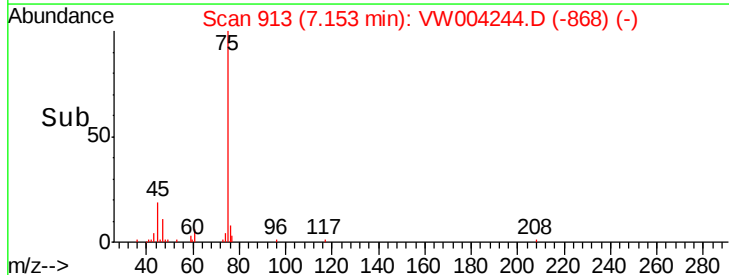
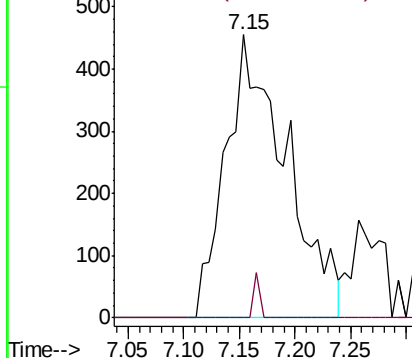


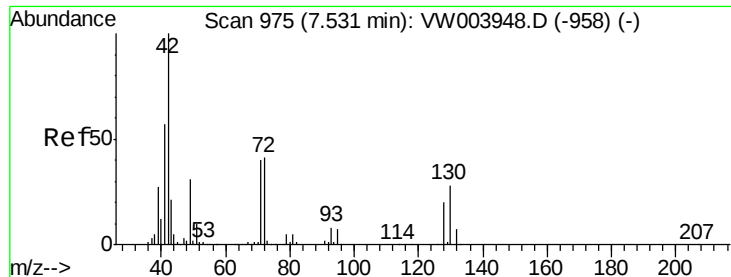
#25
2-Butanone
Concen: 2.247 ug/l
RT: 7.15 min Scan# 913
Delta R.T. -0.02 min
Lab File: VW004244.D
Acq: 27 Jul 2018 00:37

Tgt Ion: 43 Resp: 1709
Ion Ratio Lower Upper
43 100
72 0.0 19.8 29.6#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW

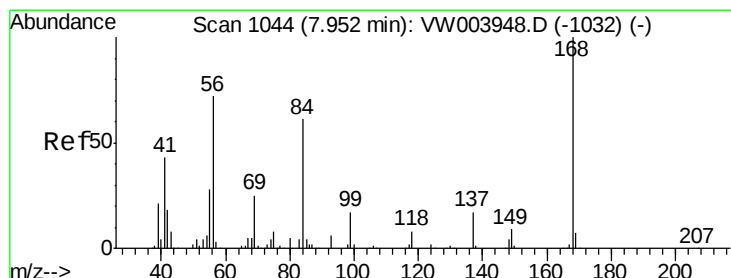
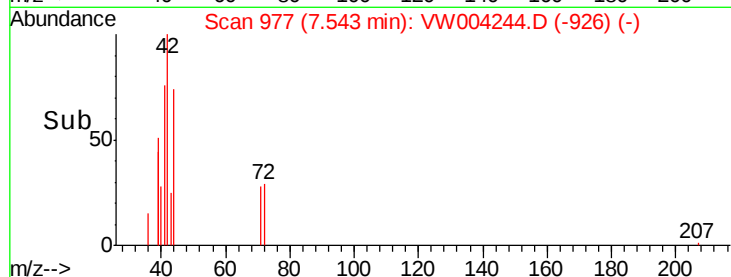
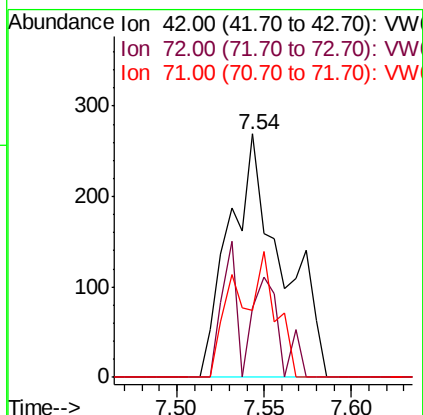
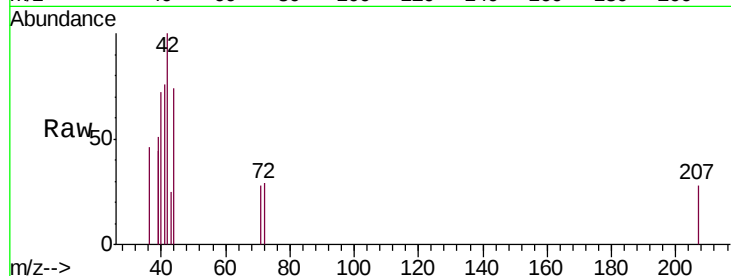




#29
Tetrahydrofuran
Concen: 1.182 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW004244.D
Acq: 27 Jul 2018 00:37

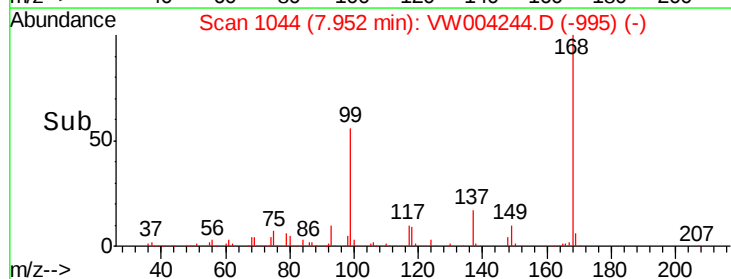
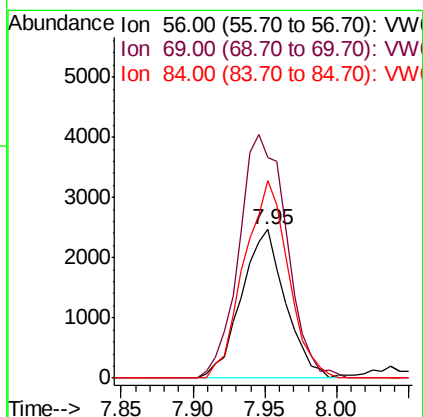
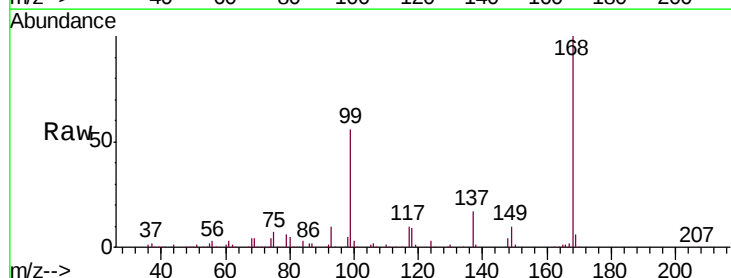
Instrument :
MSVOA_W
ClientSampleId :

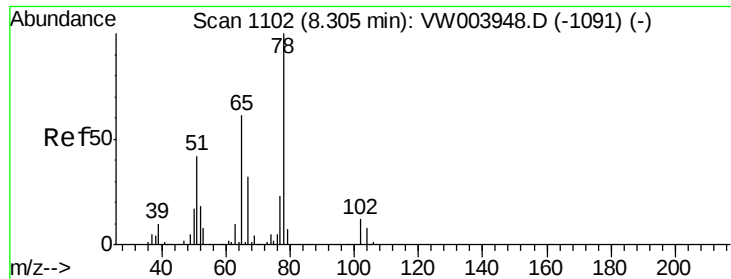
Tot Ion: 42 Resp: 560
Ion Ratio Lower Upper
42 100
72 21.8 32.6 48.8#
71 0.0 30.5 45.7#



#31
Cyclohexane
Concen: 1.344 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW004244.D
Acq: 27 Jul 2018 00:37

Tgt Ion: 56 Resp: 5246
Ion Ratio Lower Upper
56 100
69 147.9 27.8 41.8#
84 132.7 67.2 100.8#

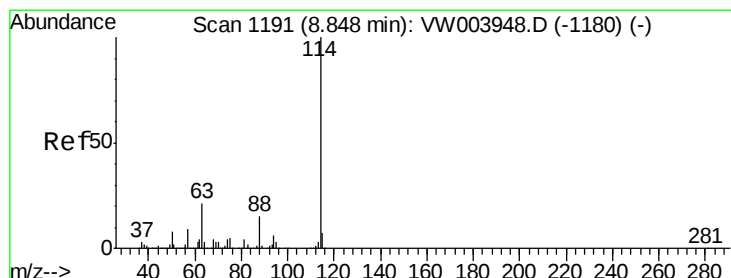
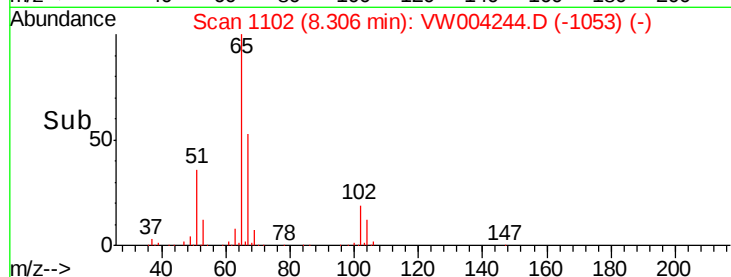
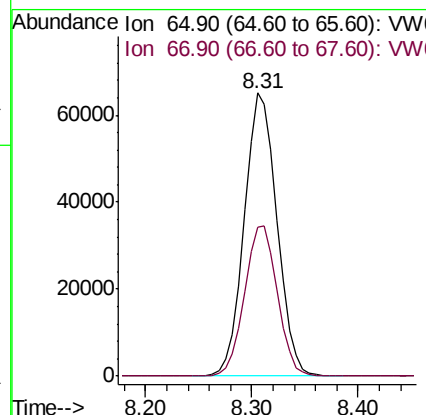
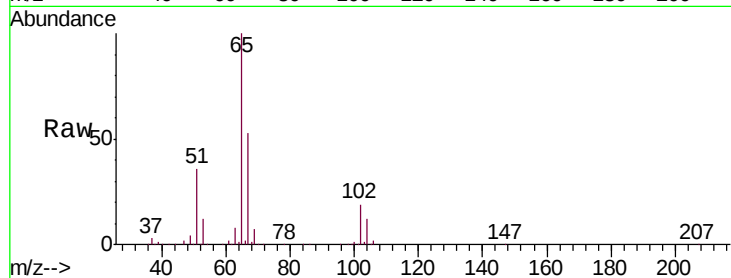




#33
 1,2-Dichloroethane-d4
 Concen: 59.824 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW004244.D
 Acq: 27 Jul 2018 00:37

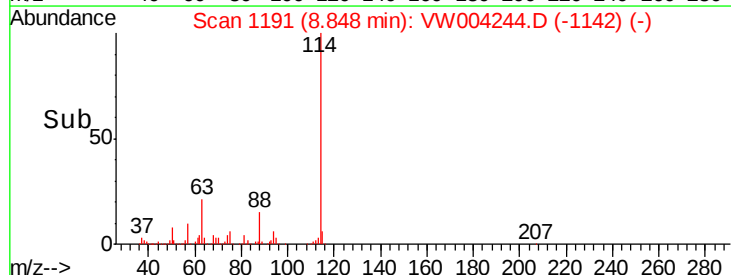
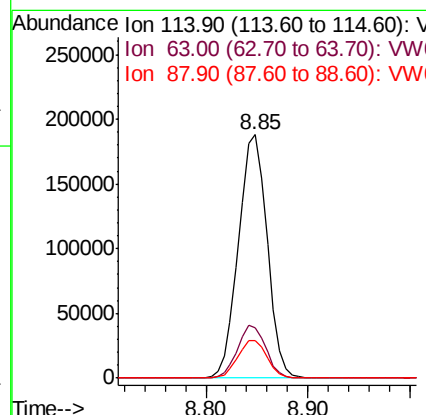
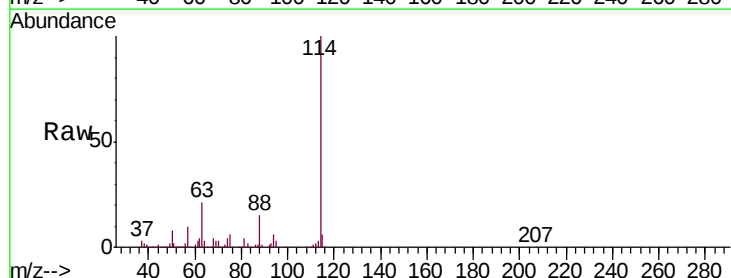
Instrument :
 MSVOA_W
 ClientSampleId :

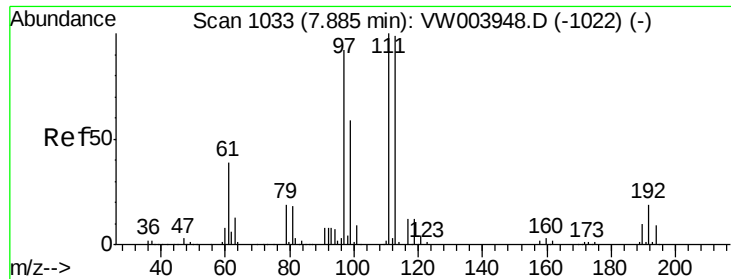
Tot Ion: 65 Resp: 140718
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004244.D
 Acq: 27 Jul 2018 00:37

Tgt Ion: 114 Resp: 366651
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.8
 88 15.3 0.0 30.4

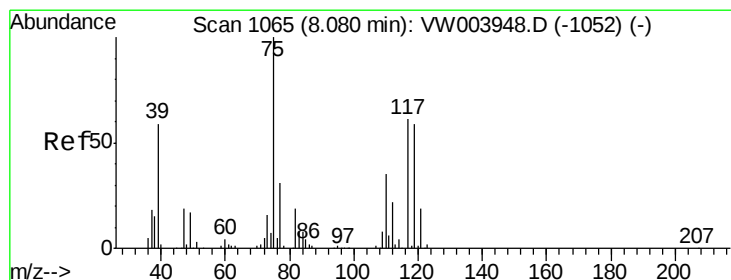
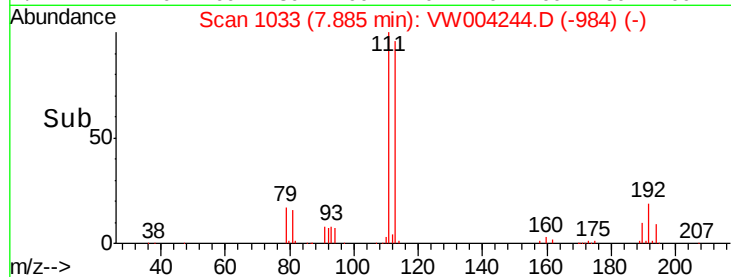
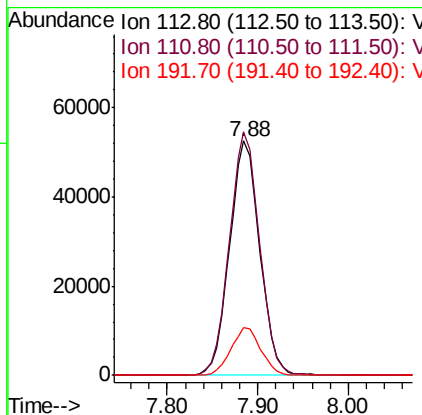
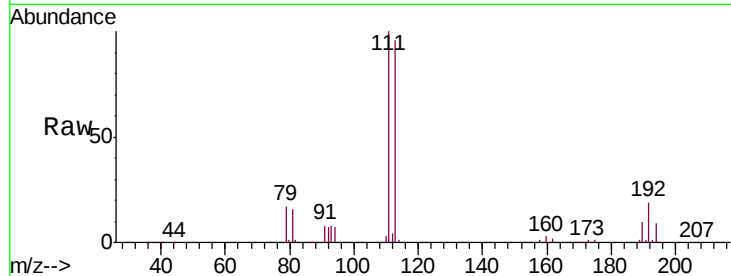




#35
 Dibromofluoromethane
 Concen: 51.513 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004244.D
 Acq: 27 Jul 2018 00:37

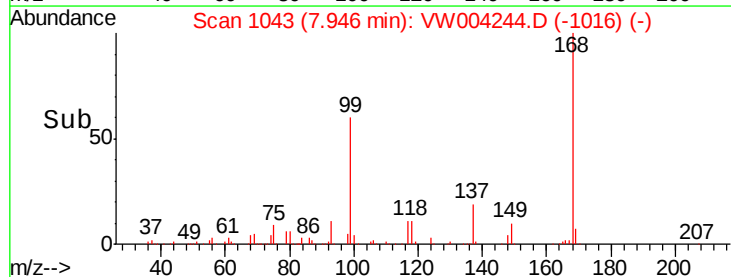
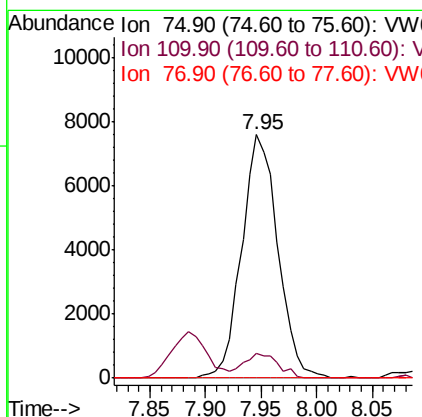
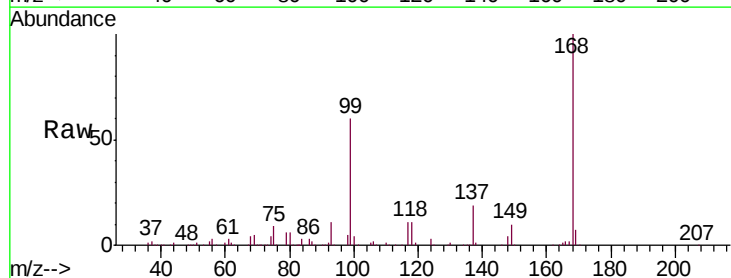
Instrument :
 MSVOA_W
 ClientSampleId :

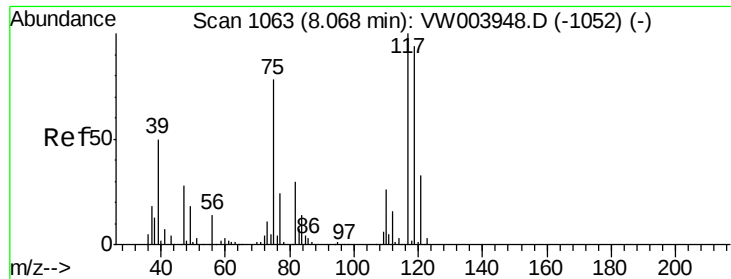
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.3	121.9
192	20.1	15.8	23.6



#36
 1,1-Dichloropropene
 Concen: 4.536 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW004244.D
 Acq: 27 Jul 2018 00:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.8	17.0	51.0#
77	0.0	24.9	37.3#





#38

Carbon Tetrachloride

Concen: 6.036 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004244.D

Acq: 27 Jul 2018 00:37

Instrument :

MSVOA_W

ClientSampleId :

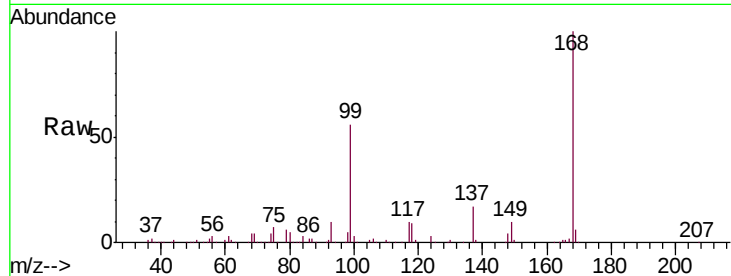
Tot Ion:117 Resp: 21274

Ion Ratio Lower Upper

117 100

119 7.8 75.3 112.9#

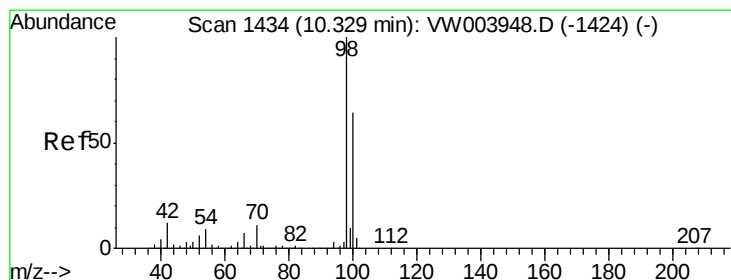
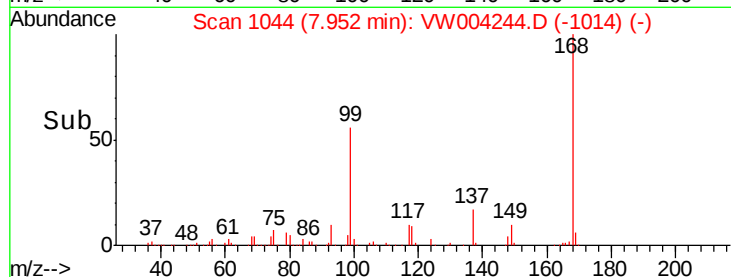
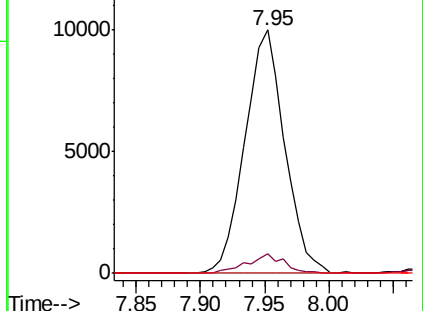
121 0.0 26.0 39.0#



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: 47.906 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004244.D

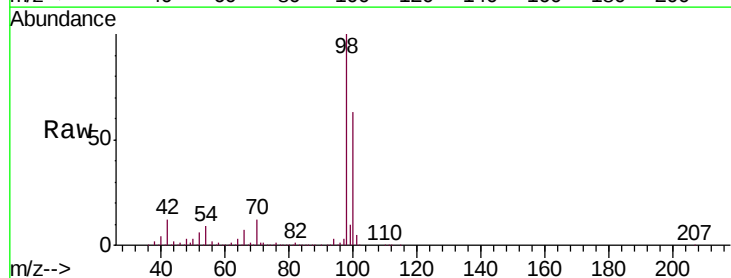
Acq: 27 Jul 2018 00:37

Tgt Ion: 98 Resp: 437298

Ion Ratio Lower Upper

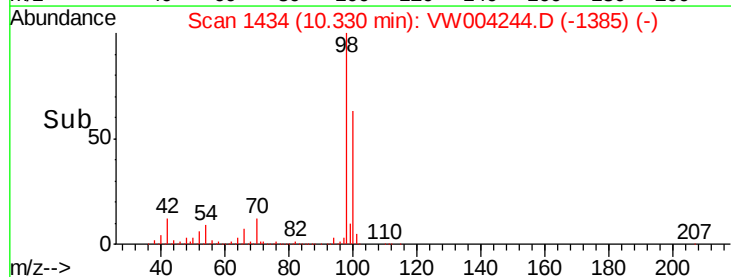
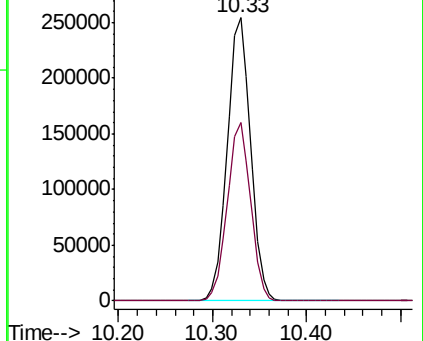
98 100

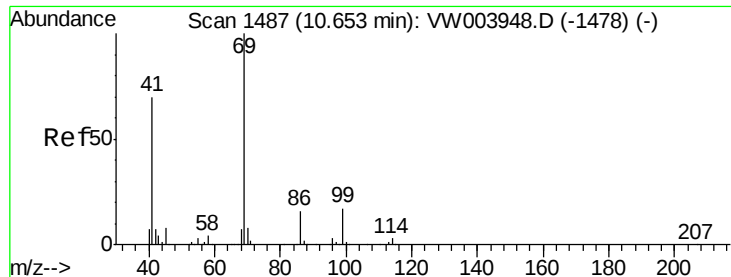
100 62.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#56

Ethyl methacrylate

Concen: 2.992 ug/l

RT: 10.65 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW004244.D

Acq: 27 Jul 2018 00:37

Instrument :

MSVOA_W

ClientSampled :

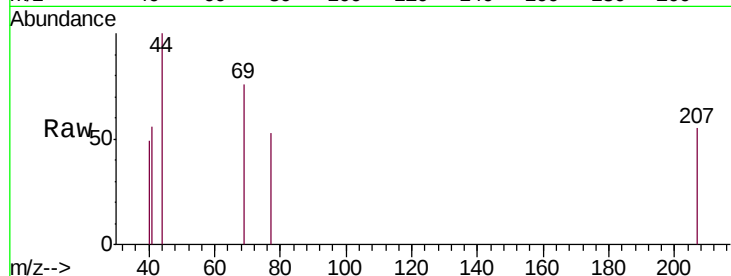
Tot Ion: 69 Resp: 135

Ion Ratio Lower Upper

69 100

41 57.8 56.5 84.7

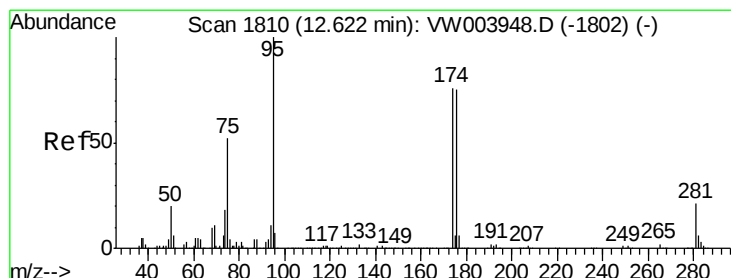
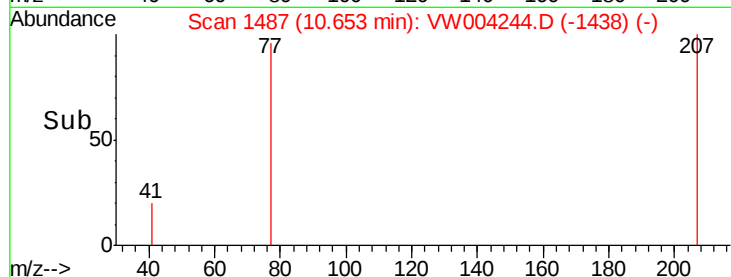
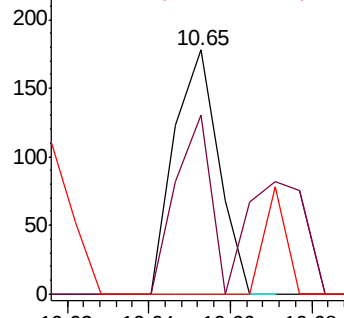
39 0.0 30.2 45.4#



Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW



#62

4-Bromofluorobenzene

Concen: 45.372 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004244.D

Acq: 27 Jul 2018 00:37

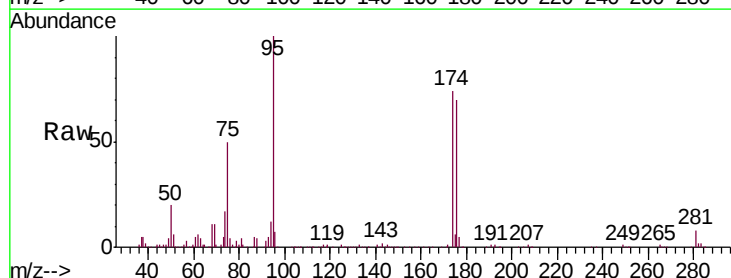
Tgt Ion: 95 Resp: 149350

Ion Ratio Lower Upper

95 100

174 79.4 0.0 160.2

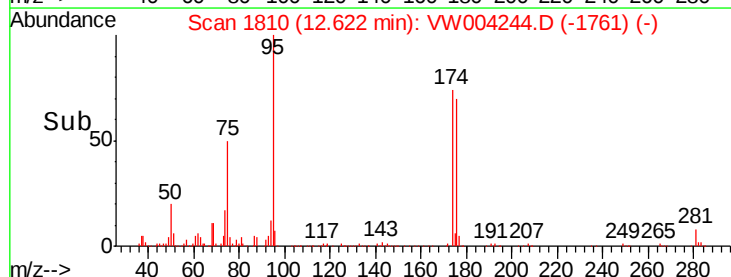
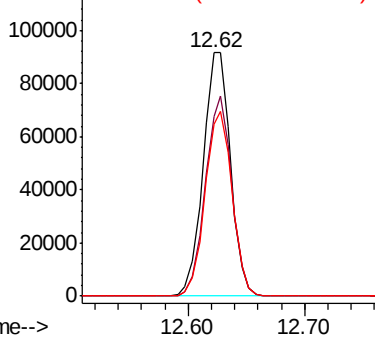
176 75.5 0.0 155.8

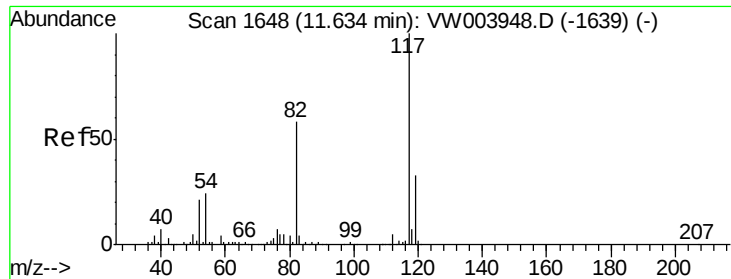


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

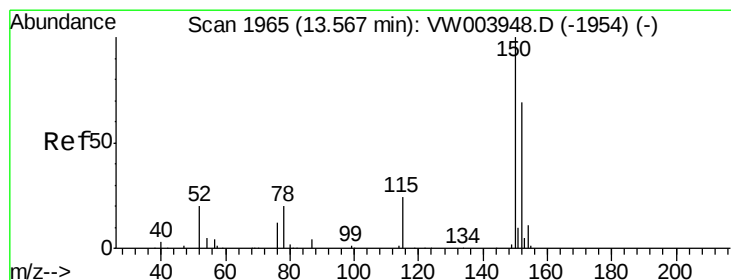
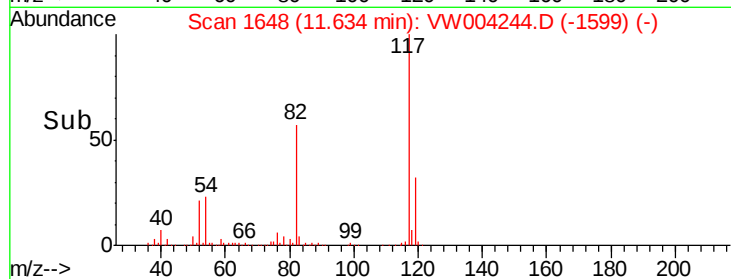
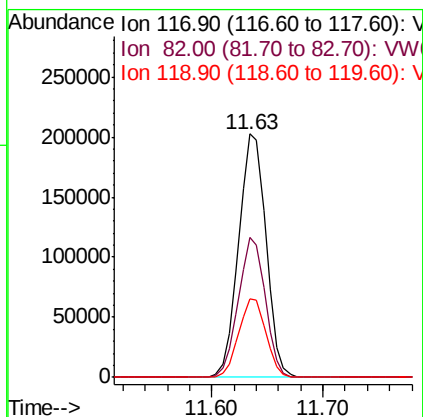
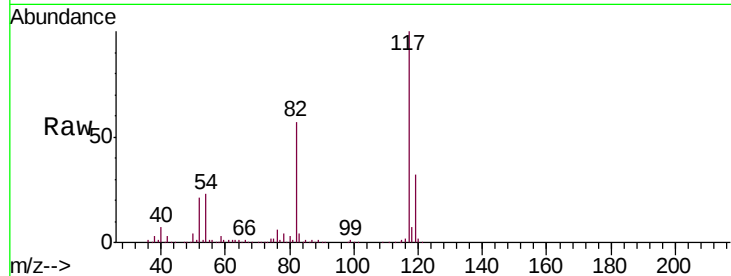




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004244.D
Acq: 27 Jul 2018 00:37

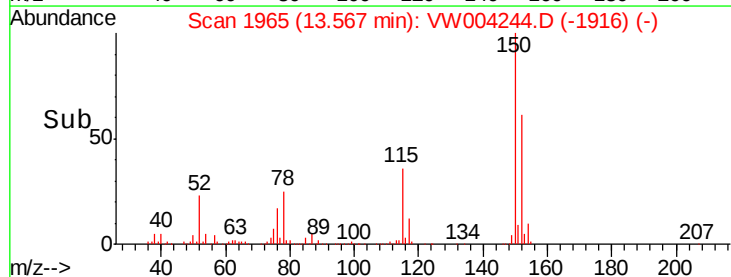
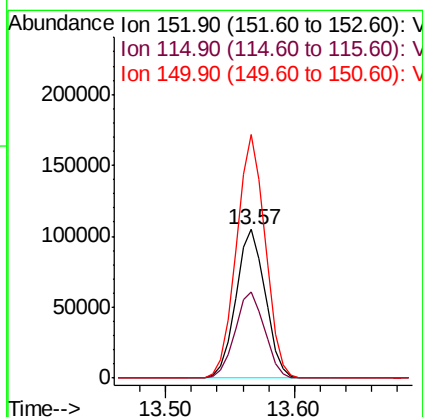
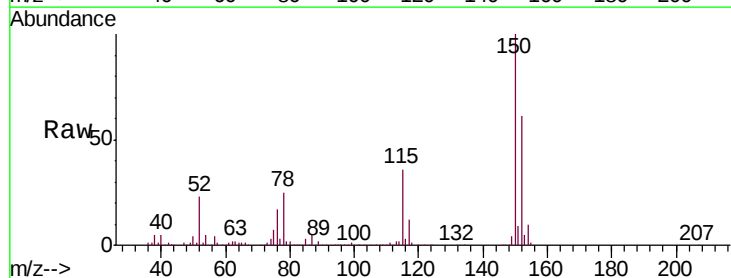
Instrument :
MSVOA_W
ClientSampleId :

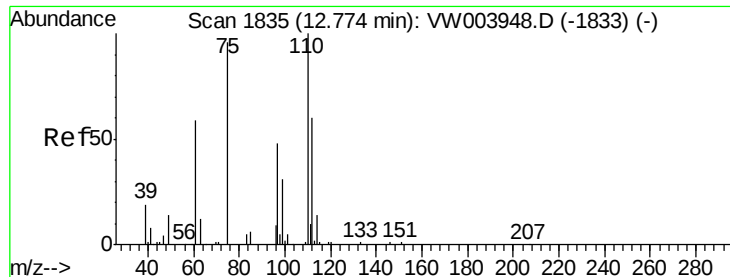
Tot Ion	Ratio	Lower	Upper
117	100		
82	57.3	46.5	69.7
119	32.2	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004244.D
Acq: 27 Jul 2018 00:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.6	29.2	87.6
150	160.6	0.0	345.2

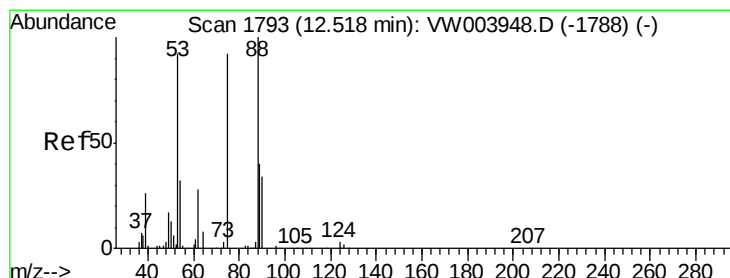
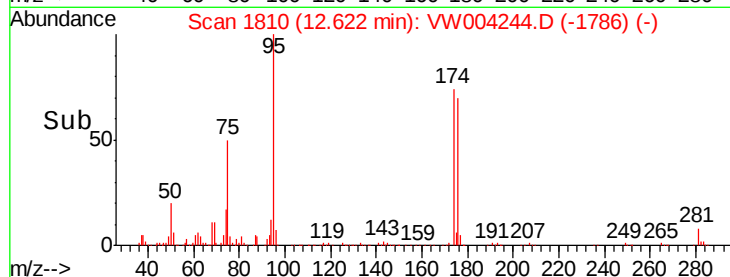
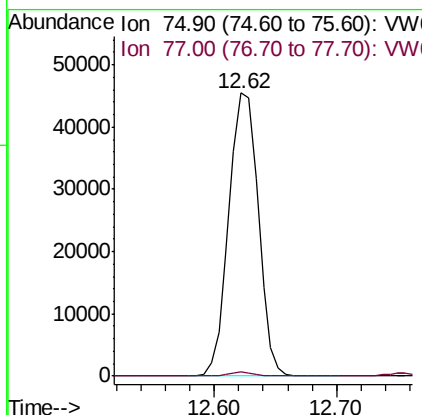
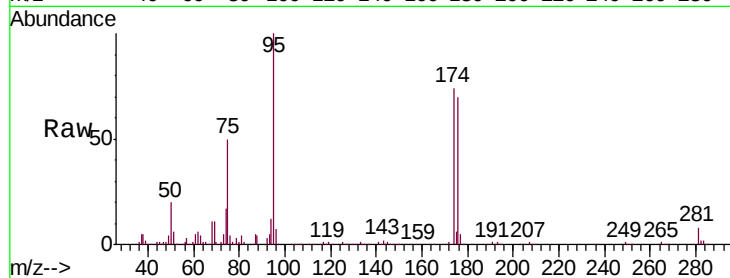




#76
 1,2,3-Trichloropropane
 Concen: 46.419 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.15 min
 Lab File: VW004244.D
 Acq: 27 Jul 2018 00:37

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion: 75 Resp: 76002
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 102.678 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.10 min
 Lab File: VW004244.D
 Acq: 27 Jul 2018 00:37

Tgt Ion: 75 Resp: 76002
 Ion Ratio Lower Upper
 75 100
 53 0.3 77.6 116.4#
 89 0.0 36.6 54.8#

