

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022719\
 Data File : VW008847.D
 Acq On : 27 Feb 2019 11:44
 Operator : SY/VA
 Sample : VW0227SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 28 06:59:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	370118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	557683	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	477974	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	229116	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	190203	54.79	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.58%	
35) Dibromofluoromethane	7.88	113	169840	50.72	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.44%	
50) Toluene-d8	10.32	98	670302	51.86	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.72%	
62) 4-Bromofluorobenzene	12.62	95	222536	43.97	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	87.94%	

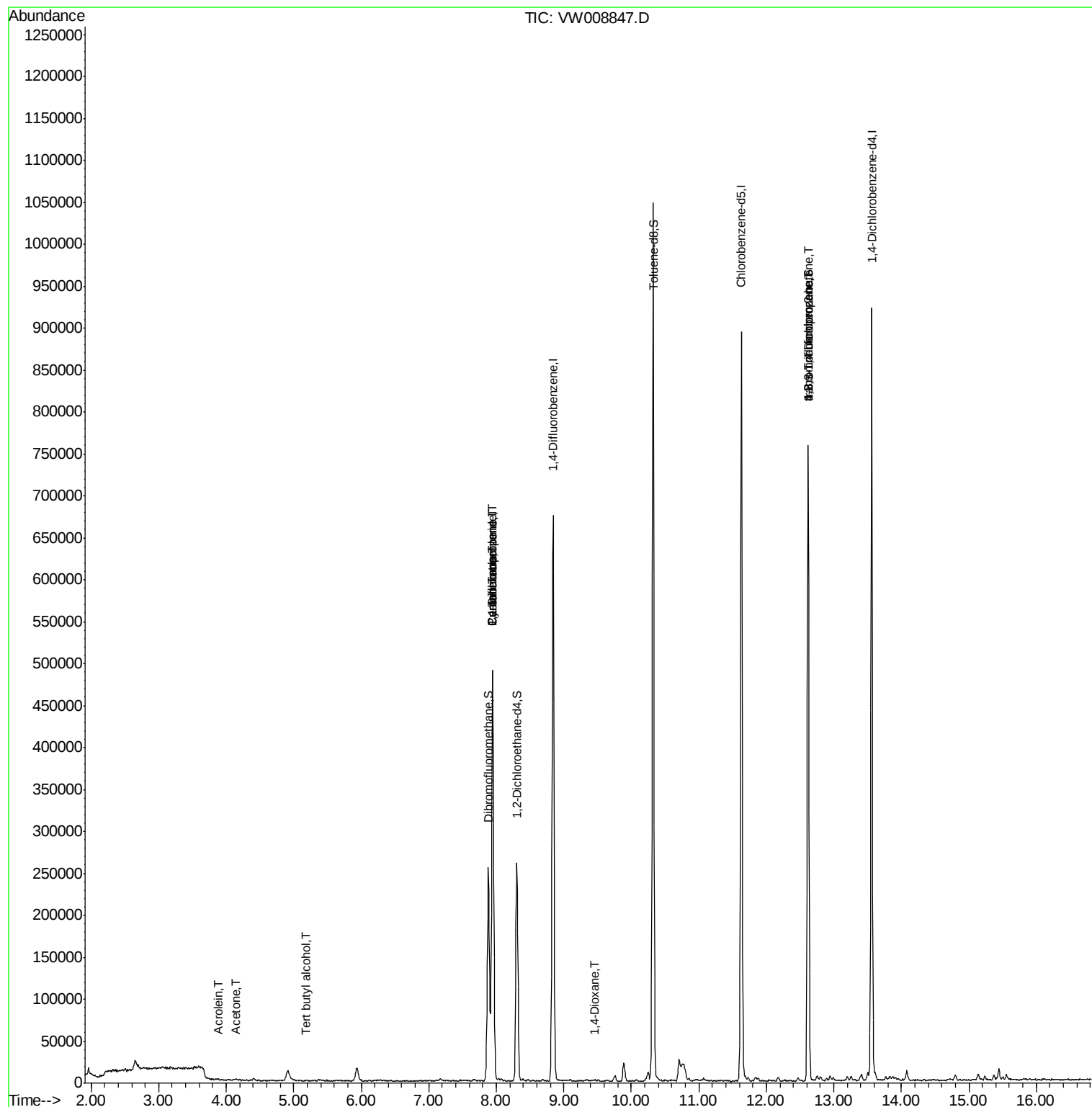
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	589	1.906	ug/l #	70
13) Acrolein	3.88	56	407	20.930	ug/l #	14
16) Acetone	4.15	43	2588	3.216	ug/l	99
20) Methylene Chloride	4.92	84	8917	Below Cal		88
31) Cyclohexane	7.94	56	8891	1.359	ug/l #	46
36) 1,1-Dichloropropene	7.95	75	27983	5.155	ug/l #	51
38) Carbon Tetrachloride	7.95	117	35698	6.235	ug/l #	16
49) 1,4-Dioxane	9.45	88	178	5.456	ug/l #	47
76) 1,2,3-Trichloropropane	12.62	75	116486	61.579	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	116486	149.703	ug/l #	6

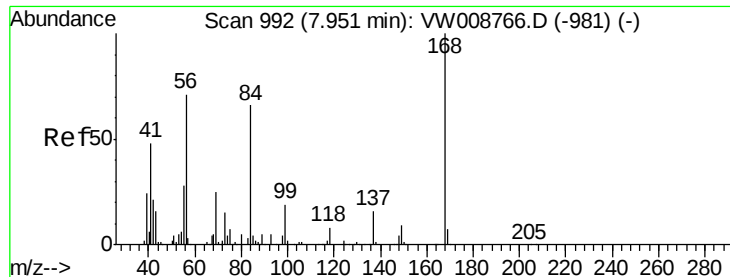
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW022719\
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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Feb 28 06:59:57 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:38:32 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008847.D

Acq: 27 Feb 2019 11:44

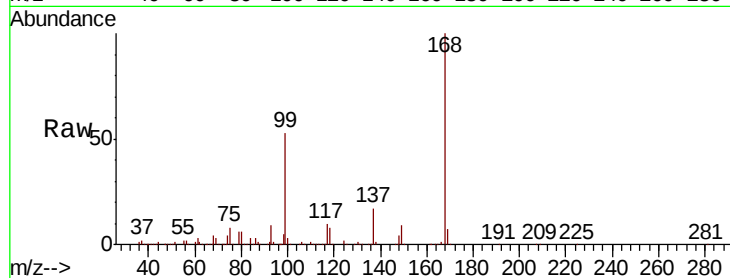
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 370118

Ion Ratio Lower Upper

168 100

99 53.4 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

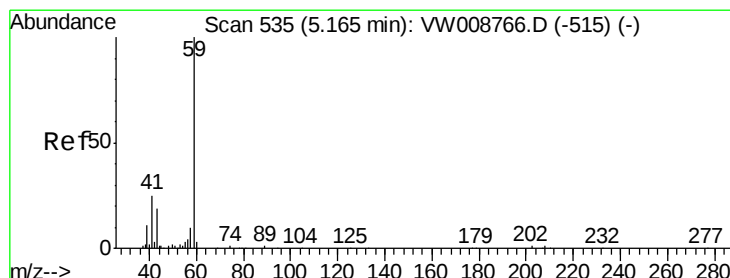
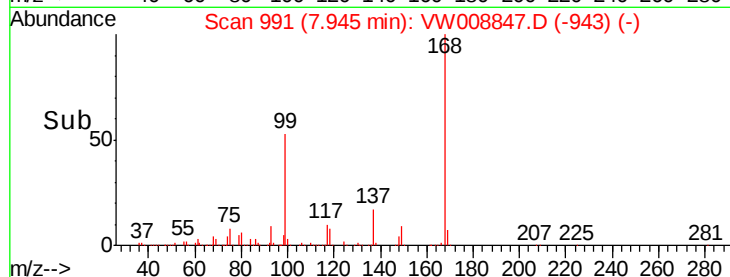
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.906 ug/l

RT: 5.18 min Scan# 537

Delta R.T. 0.01 min

Lab File: VW008847.D

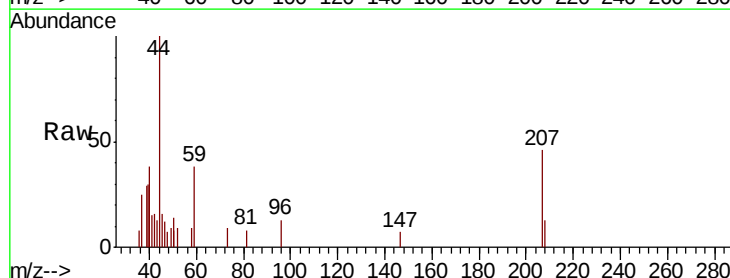
Acq: 27 Feb 2019 11:44

Tgt Ion: 59 Resp: 589

Ion Ratio Lower Upper

59 100

57 0.0 9.3 13.9#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.18

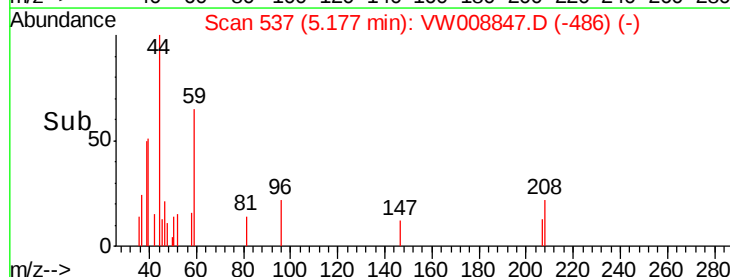
300

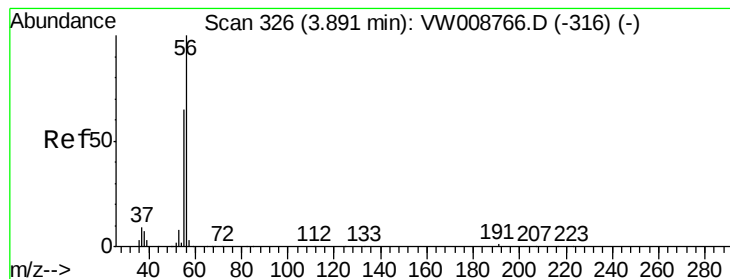
200

100

0

Time-->





#13

Acrolein

Concen: 20.930 ug/l

RT: 3.88 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW008847.D

Acq: 27 Feb 2019 11:44

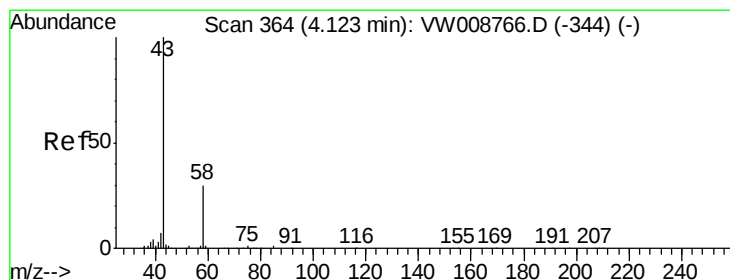
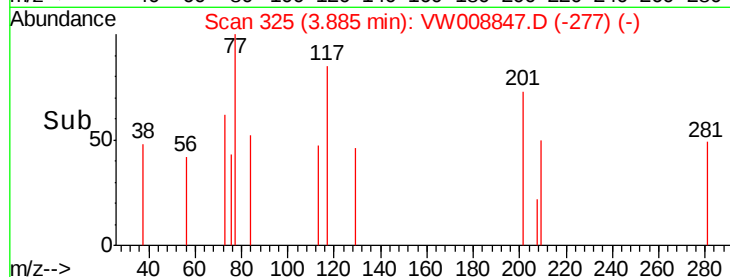
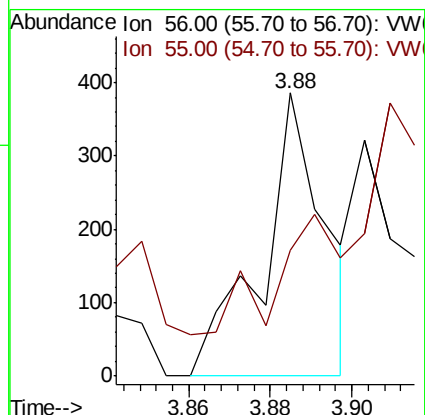
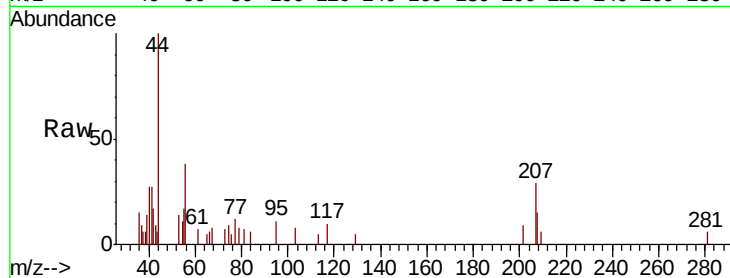
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 407

Ion Ratio Lower Upper

56 100

55 0.0 56.9 85.3#



#16

Acetone

Concen: 3.216 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW008847.D

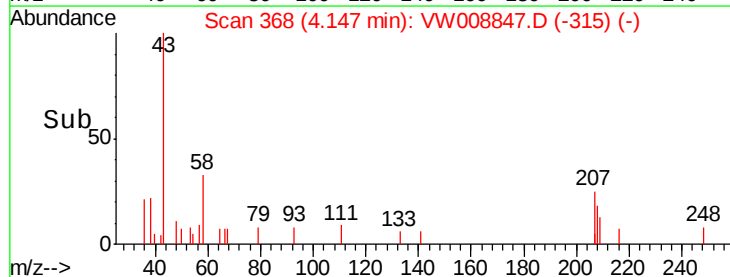
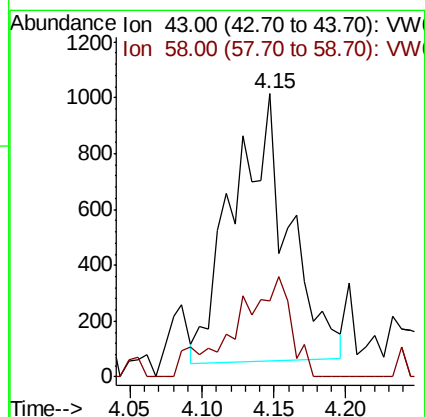
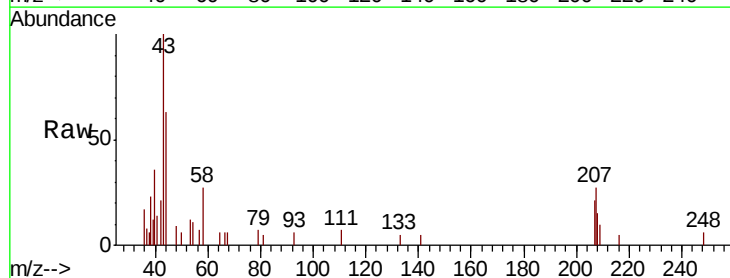
Acq: 27 Feb 2019 11:44

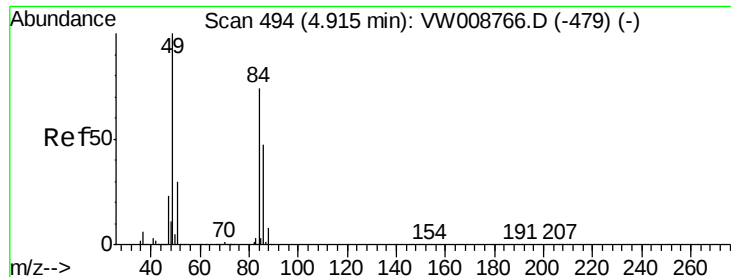
Tgt Ion: 43 Resp: 2588

Ion Ratio Lower Upper

43 100

58 30.2 23.8 35.6

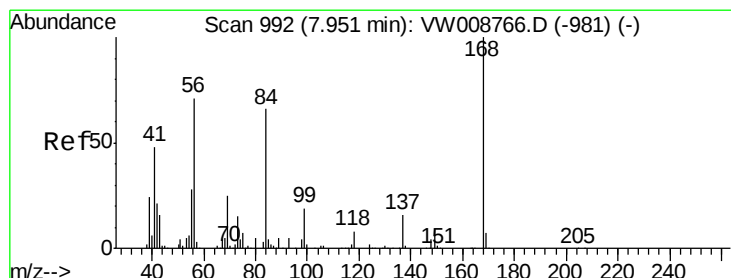
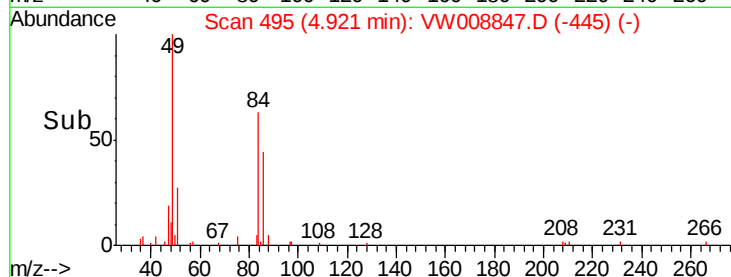
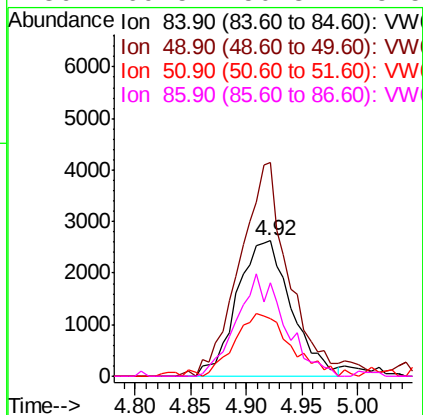
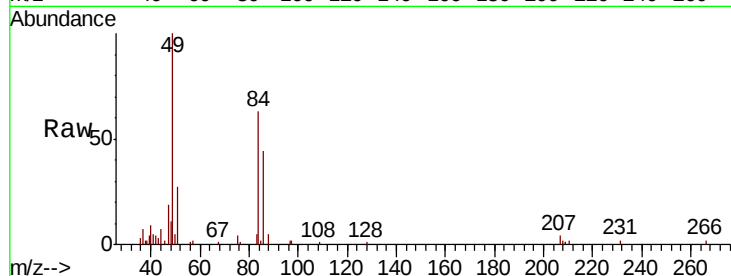




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW008847.D
Acq: 27 Feb 2019 11:44

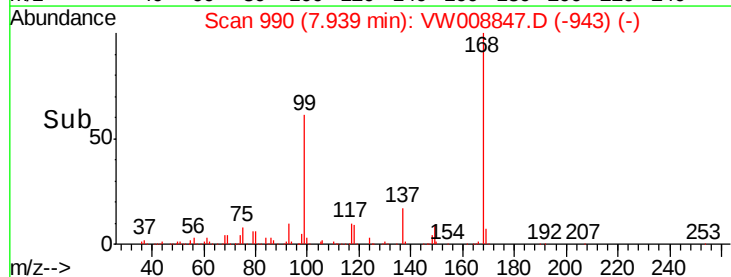
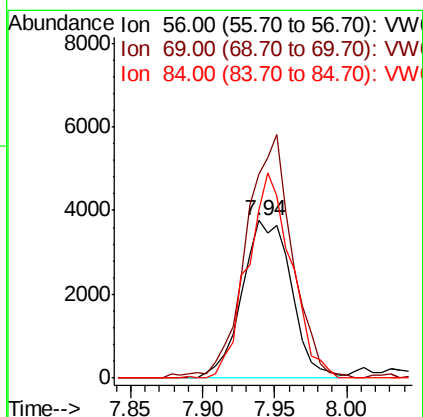
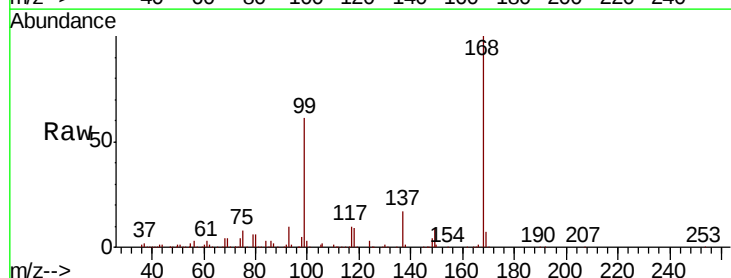
Instrument :
MSVOA_W
ClientSampled :

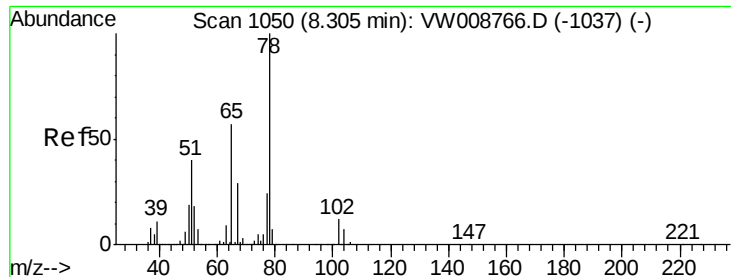
Tot Ion	84	Resp	8917
Ion	Ratio	Lower	Upper
84	100		
49	154.0	108.2	162.2
51	42.9	32.7	49.1
86	69.5	50.3	75.5



#31
Cyclohexane
Concen: 1.359 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW008847.D
Acq: 27 Feb 2019 11:44

Tgt Ion	56	Resp	8891
Ion	Ratio	Lower	Upper
56	100		
69	126.6	28.2	42.4#
84	106.7	74.1	111.1





#33

1,2-Dichloroethane-d4

Concen: 54.792 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008847.D

Acq: 27 Feb 2019 11:44

Instrument :

MSVOA_W

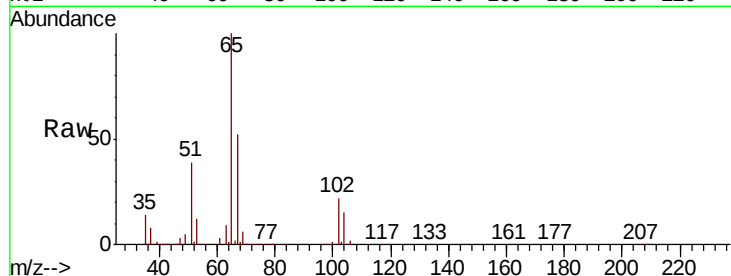
ClientSampleId :

Tot Ion: 65 Resp: 190203

Ion Ratio Lower Upper

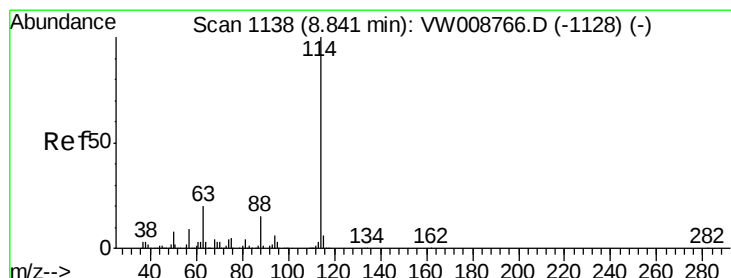
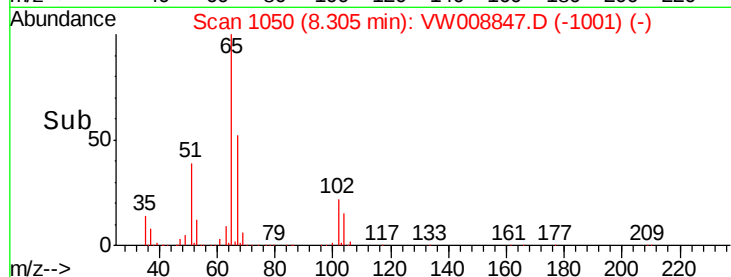
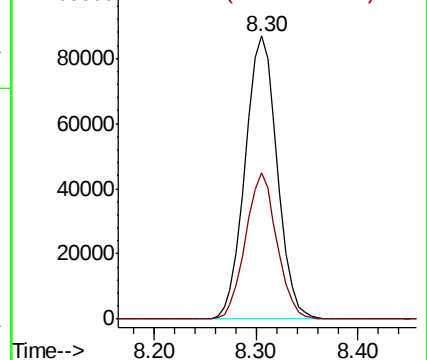
65 100

67 50.6 0.0 101.4



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. -0.00 min

Lab File: VW008847.D

Acq: 27 Feb 2019 11:44

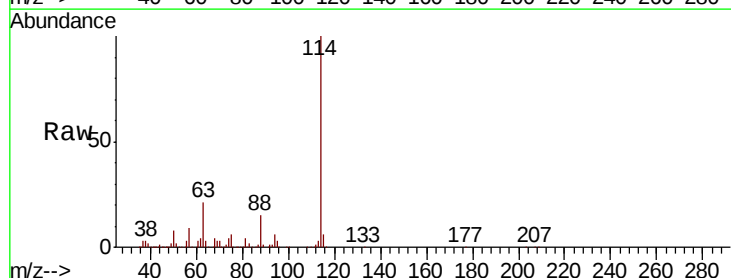
Tgt Ion: 114 Resp: 557683

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

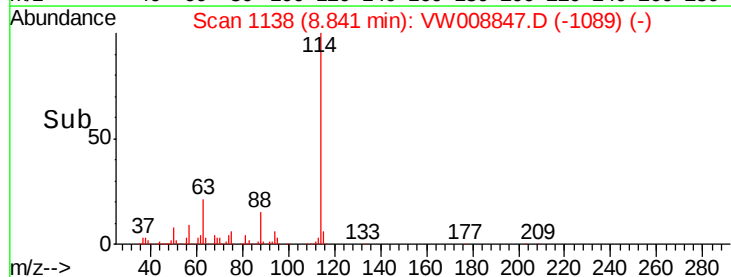
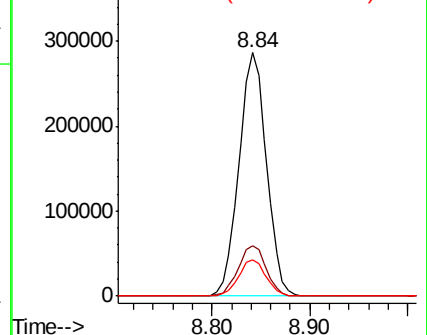
88 15.0 0.0 30.4

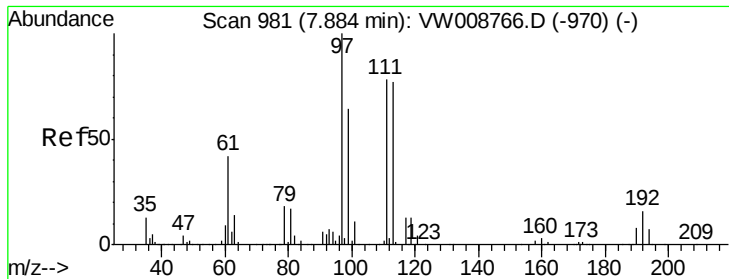


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

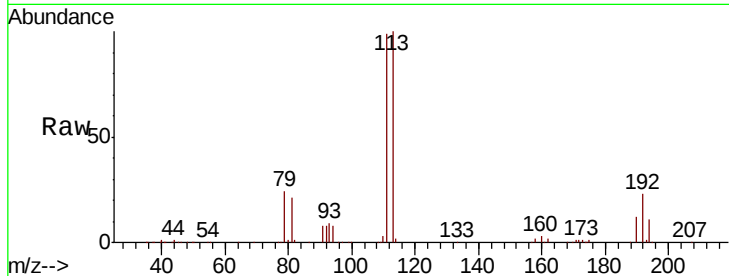




#35
 Dibromofluoromethane
 Concen: 50.723 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008847.D
 Acq: 27 Feb 2019 11:44

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.9	122.9
192	21.8	17.1	25.7

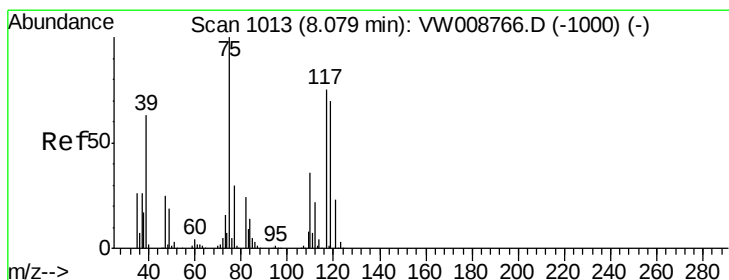
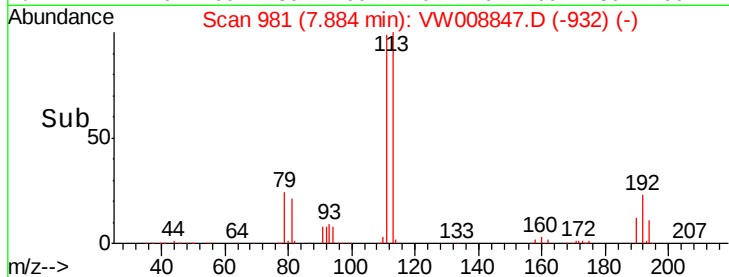
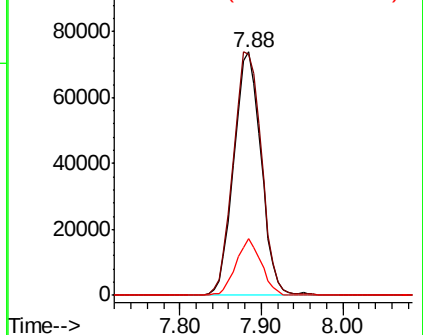


Abundance

Ion 112.80 (112.50 to 113.50): V

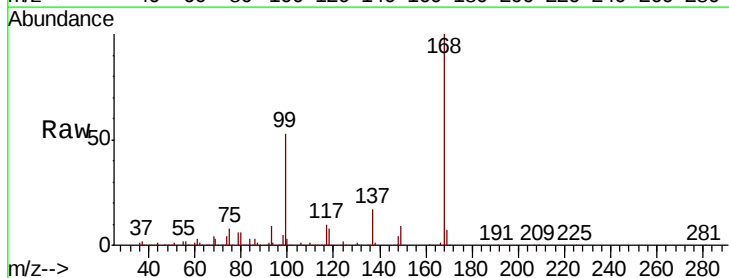
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 5.155 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008847.D
 Acq: 27 Feb 2019 11:44

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.0	17.5	52.6#
77	0.2	24.5	36.7#

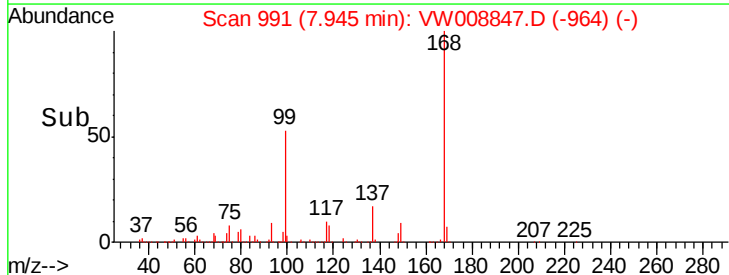
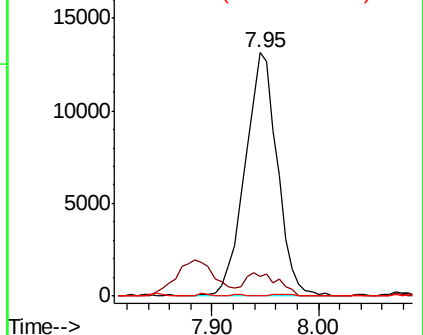


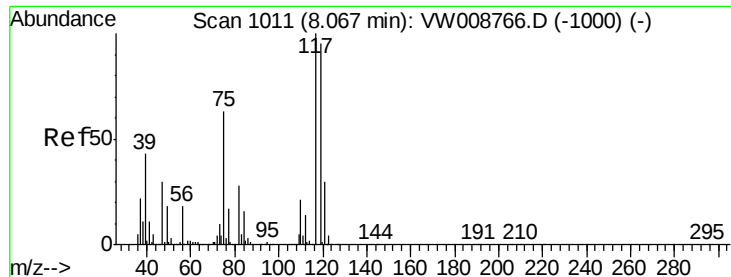
Abundance

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: 6.235 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW008847.D

Acq: 27 Feb 2019 11:44

Instrument :
MSVOA_W
ClientSampled :

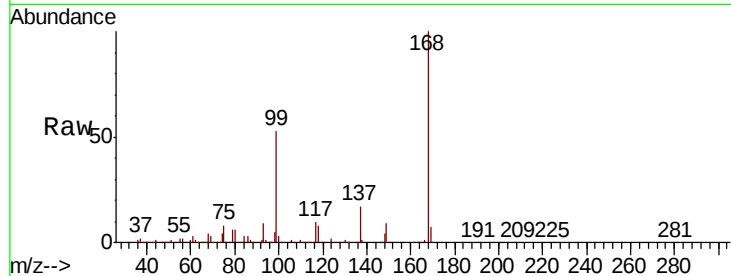
Tot Ion:117 Resp: 35698

Ion Ratio Lower Upper

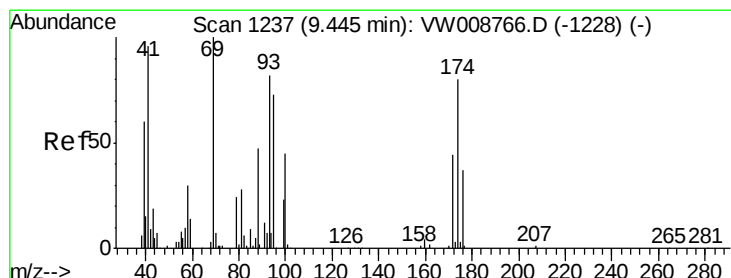
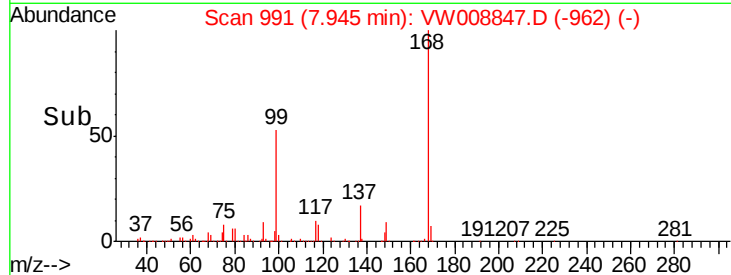
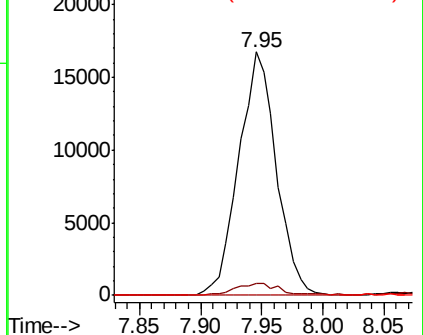
117 100

119 5.0 76.1 114.1#

121 0.0 24.0 36.0#



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



#49

1,4-Dioxane

Concen: 5.456 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VW008847.D

Acq: 27 Feb 2019 11:44

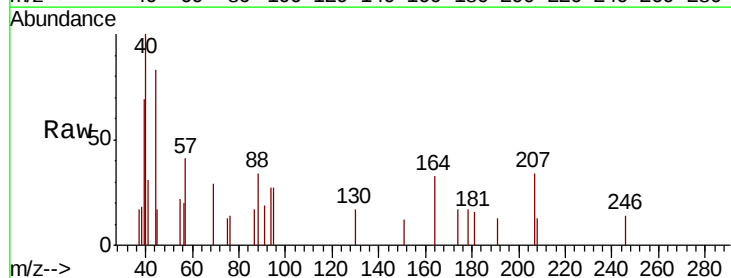
Tgt Ion: 88 Resp: 178

Ion Ratio Lower Upper

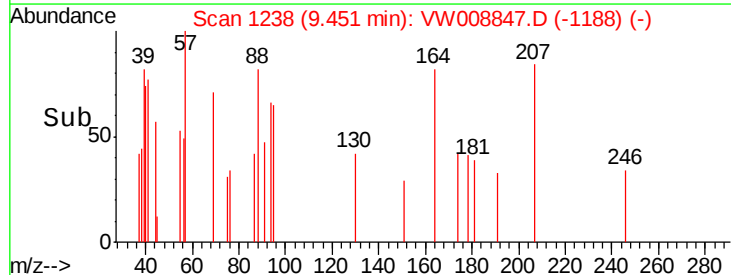
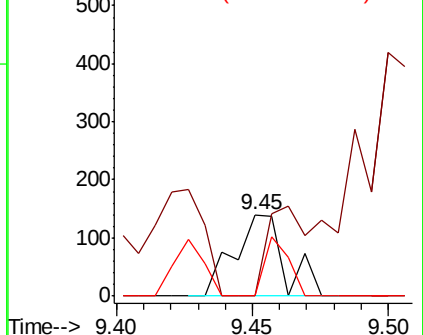
88 100

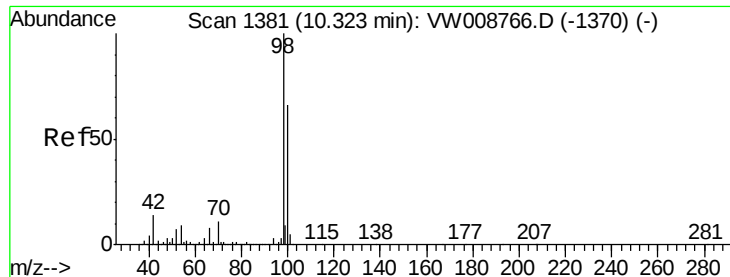
43 82.0 29.0 43.4#

58 34.3 52.0 78.0#



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: 51.858 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008847.D

Acq: 27 Feb 2019 11:44

Instrument :

MSVOA_W

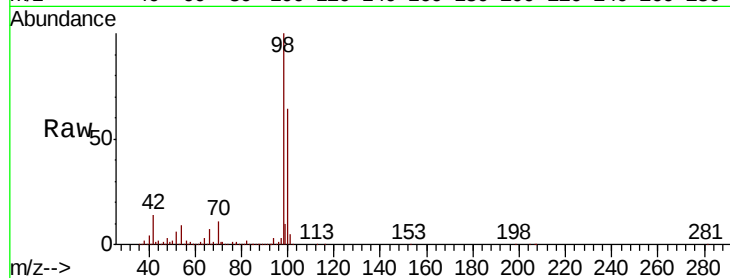
ClientSampleId :

Tot Ion: 98 Resp: 670302

Ion Ratio Lower Upper

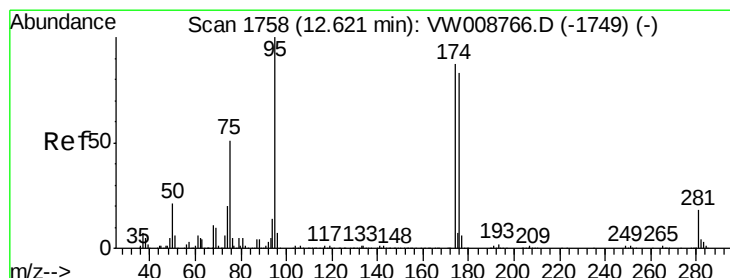
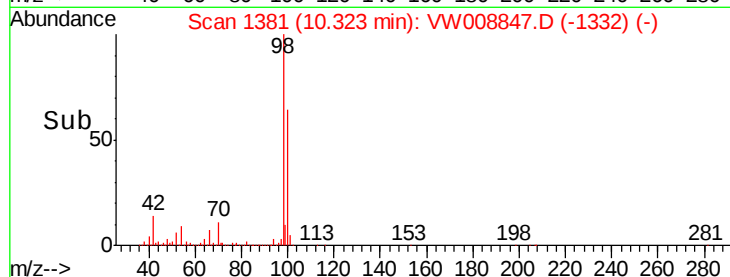
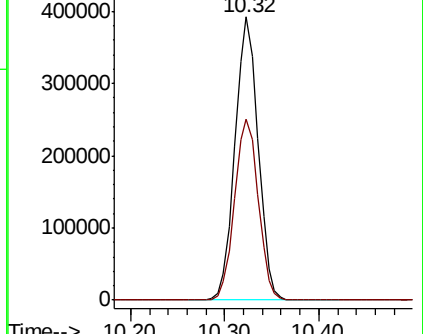
98 100

100 65.5 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 43.971 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008847.D

Acq: 27 Feb 2019 11:44

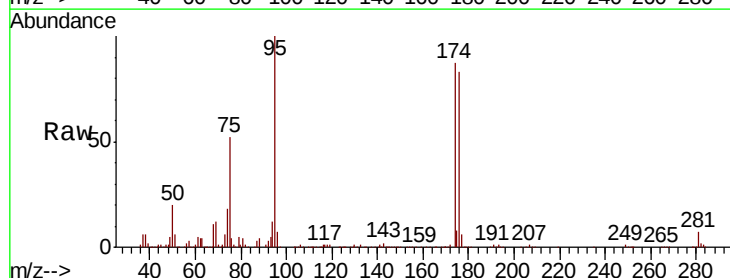
Tgt Ion: 95 Resp: 222536

Ion Ratio Lower Upper

95 100

174 85.7 0.0 169.2

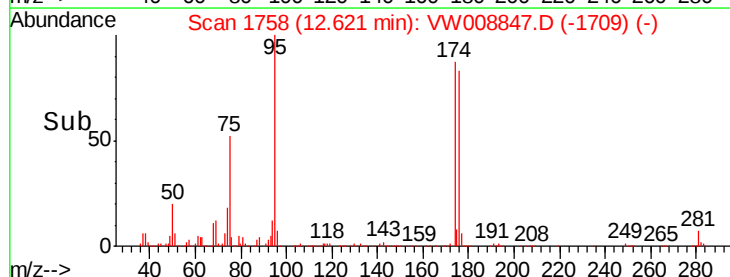
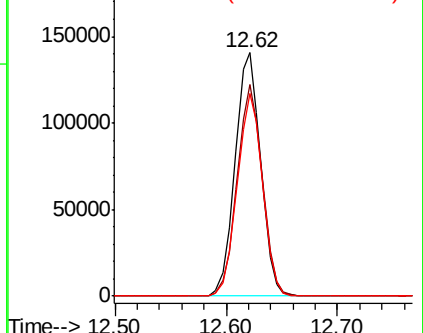
176 82.2 0.0 163.6

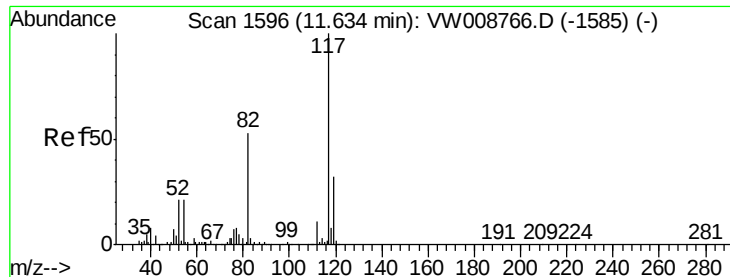


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

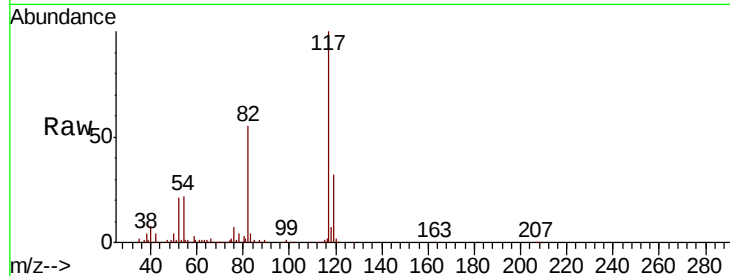




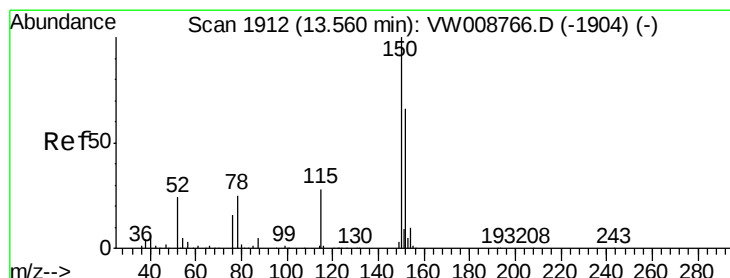
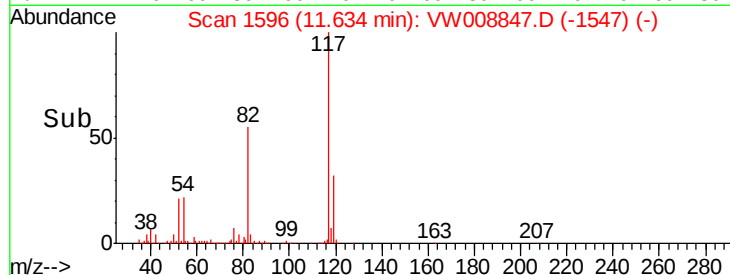
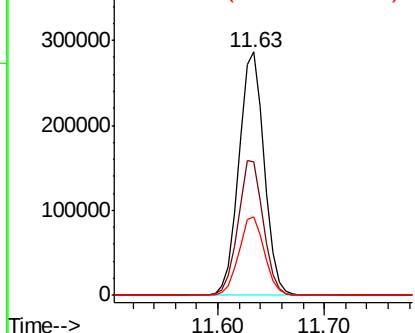
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008847.D
Acq: 27 Feb 2019 11:44

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 477974
Ion Ratio Lower Upper
117 100
82 54.7 42.2 63.4
119 32.0 25.9 38.9

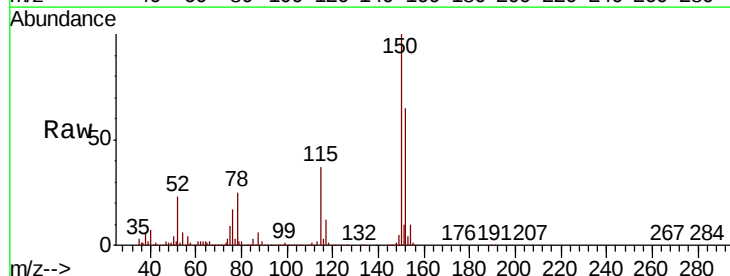


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

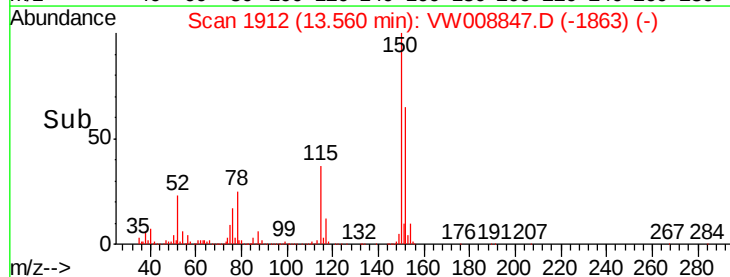
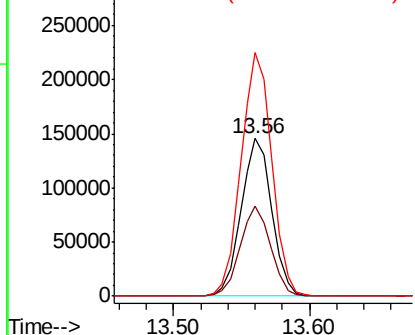


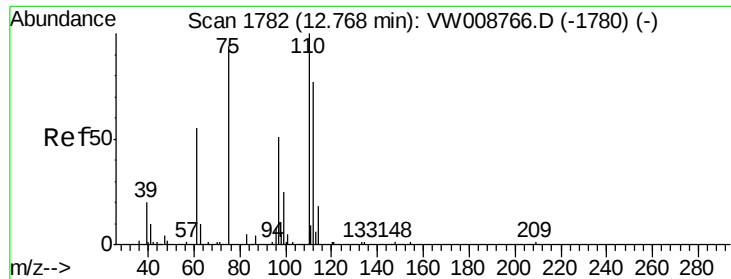
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008847.D
Acq: 27 Feb 2019 11:44

Tgt Ion:152 Resp: 229116
Ion Ratio Lower Upper
152 100
115 56.5 28.6 85.8
150 154.3 0.0 348.0



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: 61.579 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008847.D

Acq: 27 Feb 2019 11:44

Instrument :

MSVOA_W

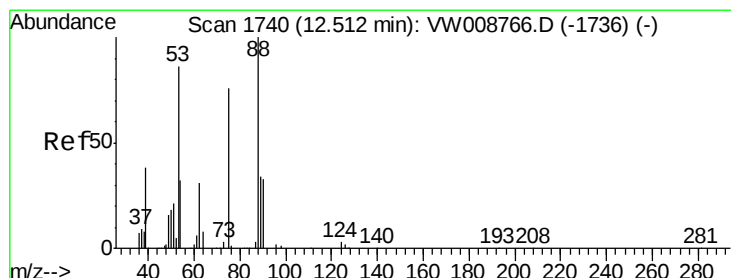
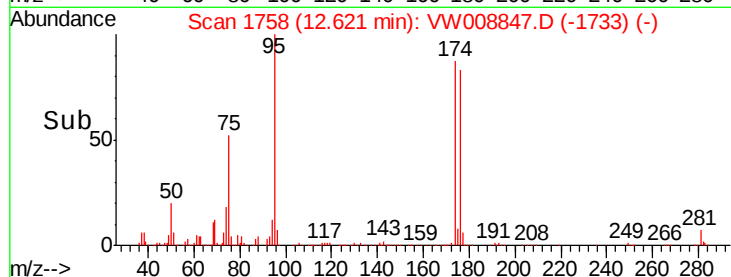
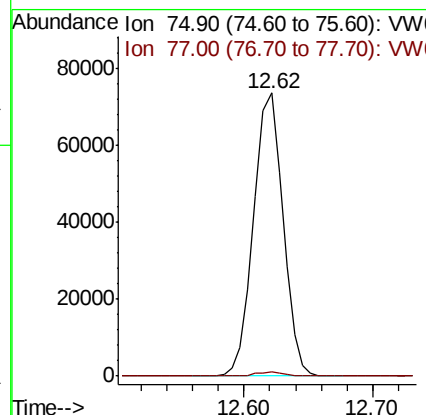
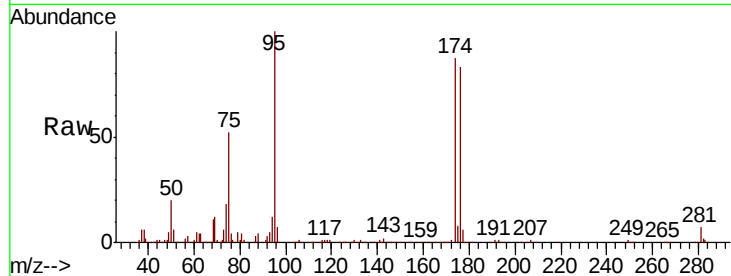
ClientSampleId :

Tot Ion: 75 Resp: 116486

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 149.703 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008847.D

Acq: 27 Feb 2019 11:44

Tgt Ion: 75 Resp: 116486

Ion Ratio Lower Upper

75 100

53 0.2 88.2 132.2#

89 0.1 39.5 59.3#

