

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW021919\
 Data File : VW008745.D
 Acq On : 19 Feb 2019 11:49
 Operator : SY/VA
 Sample : VW0219SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0219SBL01

Quant Time: Feb 20 06:49:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 04:06:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	358024	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	536837	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	477279	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	229906	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	189139	50.81	ug/l	0.00
Spiked Amount			Recovery	=	101.62%	
35) Dibromofluoromethane	7.88	113	171188	51.35	ug/l	0.00
Spiked Amount			Recovery	=	102.70%	
50) Toluene-d8	10.32	98	636277	49.52	ug/l	0.00
Spiked Amount			Recovery	=	99.04%	
62) 4-Bromofluorobenzene	12.62	95	219084	45.26	ug/l	0.00
Spiked Amount			Recovery	=	90.52%	

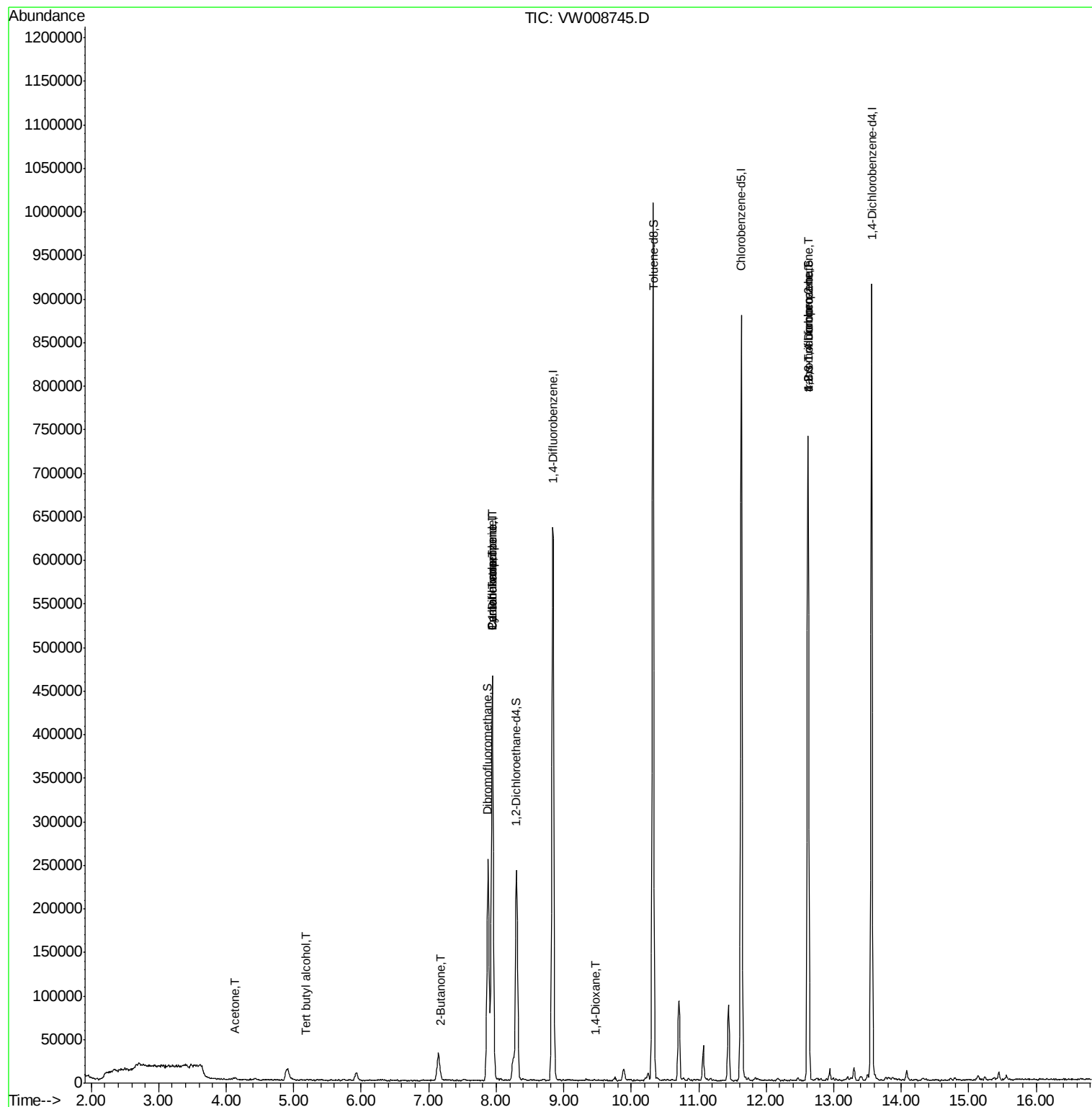
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	314	1.054	ug/l #	61
16) Acetone	4.13	43	5757	6.797	ug/l	94
20) Methylene Chloride	4.91	84	10676	Below Cal	#	75
25) 2-Butanone	7.18	43	1203	1.006	ug/l #	75
31) Cyclohexane	7.94	56	8996	1.322	ug/l #	46
36) 1,1-Dichloropropene	7.94	75	26000	4.821	ug/l #	51
38) Carbon Tetrachloride	7.94	117	33213	6.193	ug/l #	18
49) 1,4-Dioxane	9.47	88	208	6.489	ug/l #	63
76) 1,2,3-Trichloropropane	12.62	75	115844	51.028	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	115844	109.356	ug/l #	6

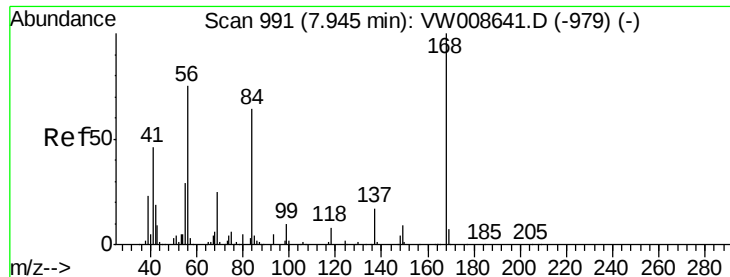
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW021919\
Data File : VW008745.D
Acq On : 19 Feb 2019 11:49
Operator : SY/VA
Sample : VW0219SBL01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0219SBL01

Quant Time: Feb 20 06:49:53 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 04:06:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008745.D

Acq: 19 Feb 2019 11:49

Instrument :

MSVOA_W

ClientSampleId :

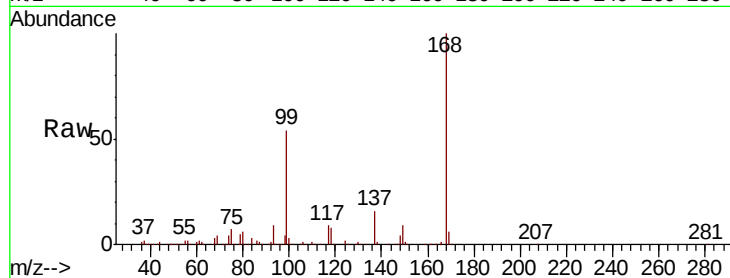
VW0219SBL01

Tgt Ion:168 Resp: 358024

Ion Ratio Lower Upper

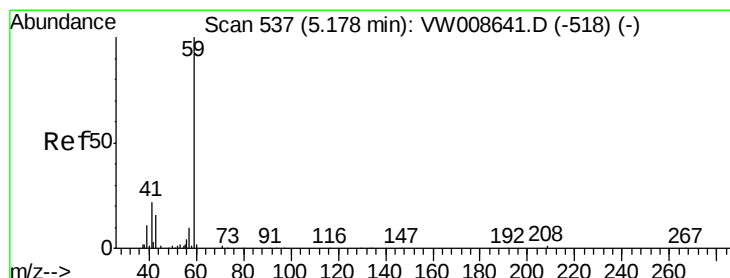
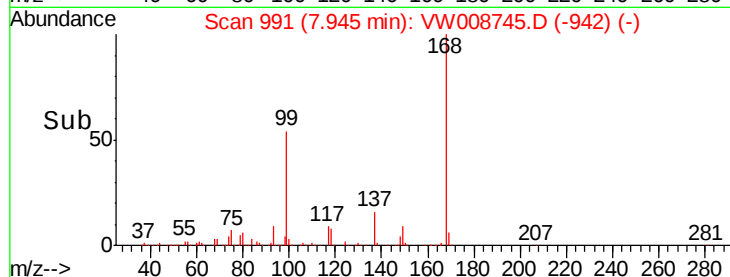
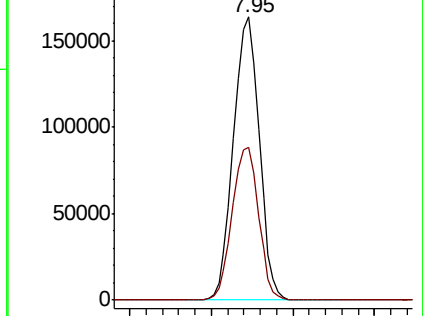
168 100

99 53.8 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 1.054 ug/l

RT: 5.18 min Scan# 537

Delta R.T. 0.00 min

Lab File: VW008745.D

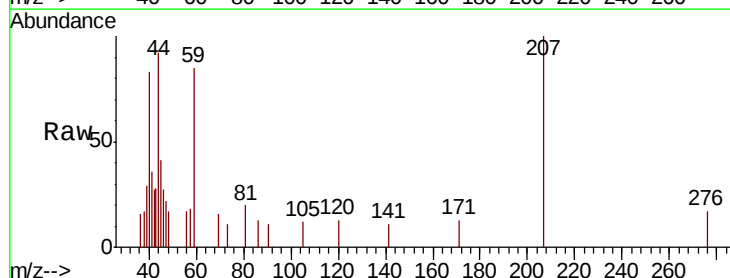
Acq: 19 Feb 2019 11:49

Tgt Ion: 59 Resp: 314

Ion Ratio Lower Upper

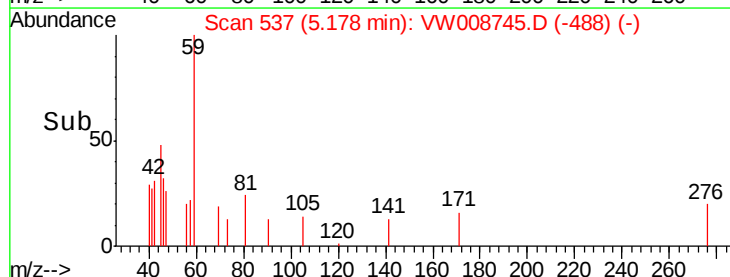
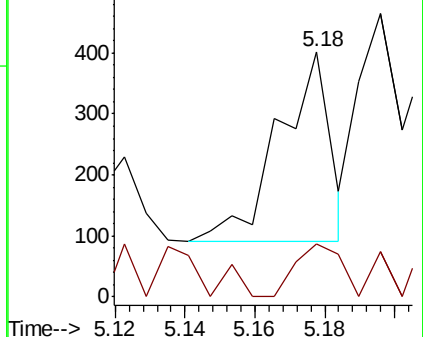
59 100

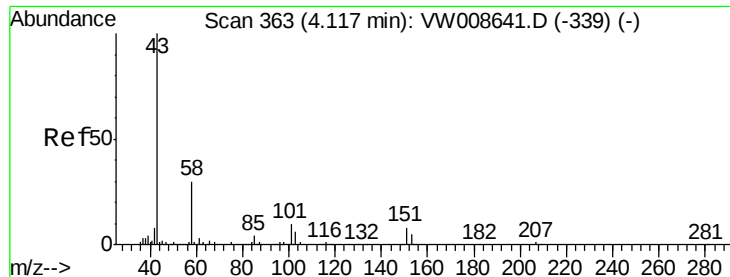
57 24.8 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

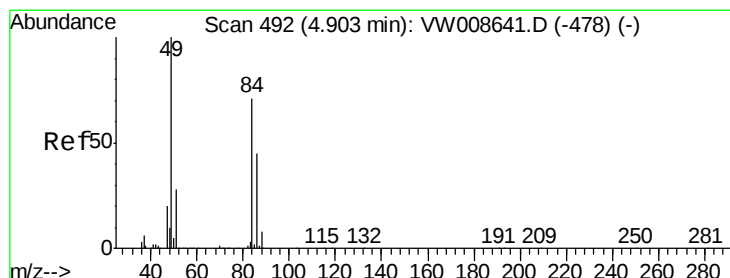
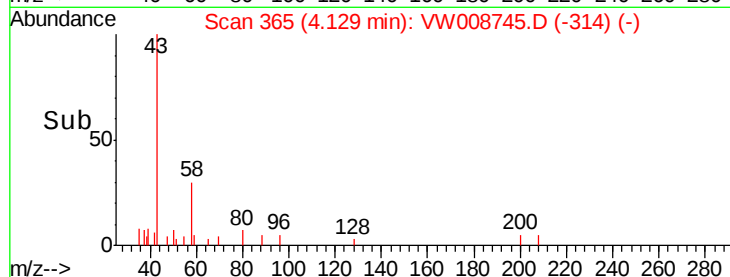
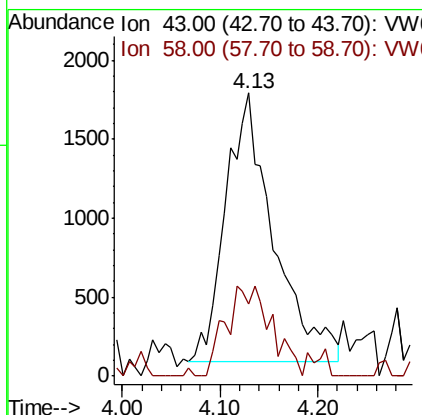
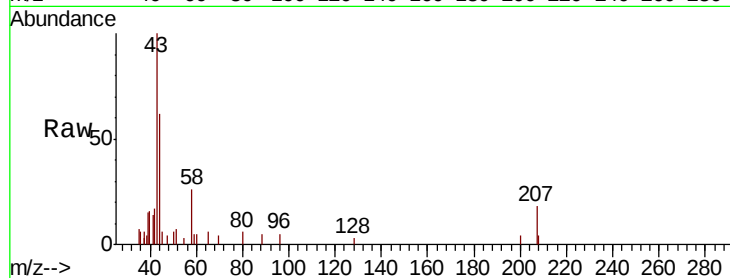




#16
Acetone
Concen: 6.797 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW008745.D
Acq: 19 Feb 2019 11:49

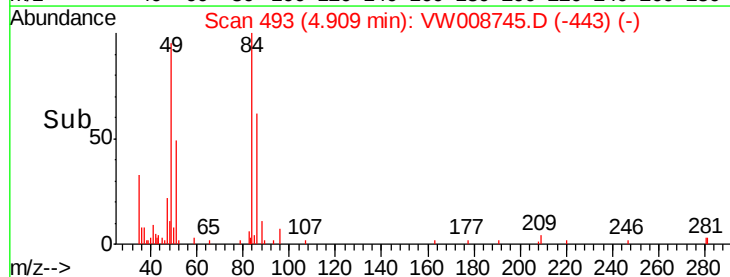
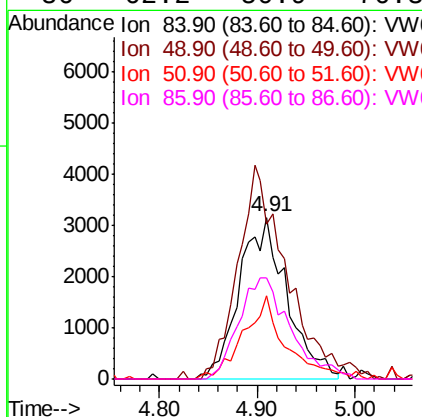
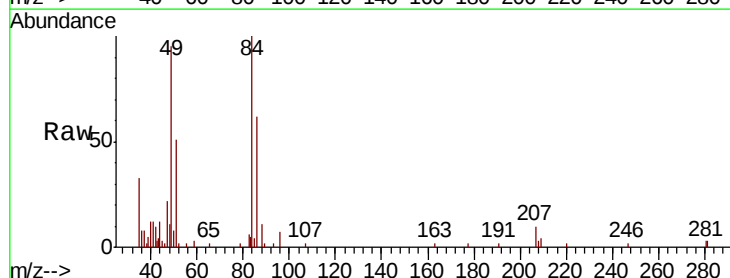
Instrument :
MSVOA_W
ClientSampleId :
VW0219SBL01

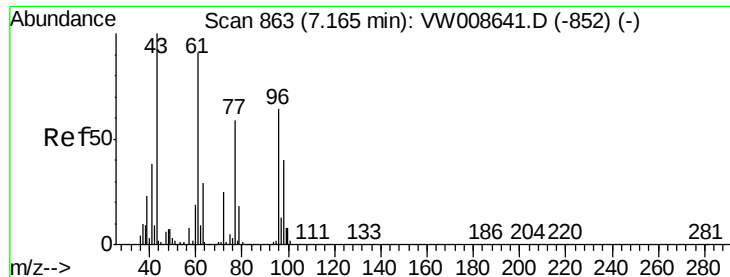
Tgt Ion: 43 Resp: 5757
Ion Ratio Lower Upper
43 100
58 27.1 24.1 36.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW008745.D
Acq: 19 Feb 2019 11:49

Tgt Ion: 84 Resp: 10676
Ion Ratio Lower Upper
84 100
49 95.3 113.3 169.9#
51 51.2 32.1 48.1#
86 62.2 50.9 76.3





#25

2-Butanone

Concen: 1.006 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW008745.D

Acq: 19 Feb 2019 11:49

Instrument :

MSVOA_W

ClientSampleId :

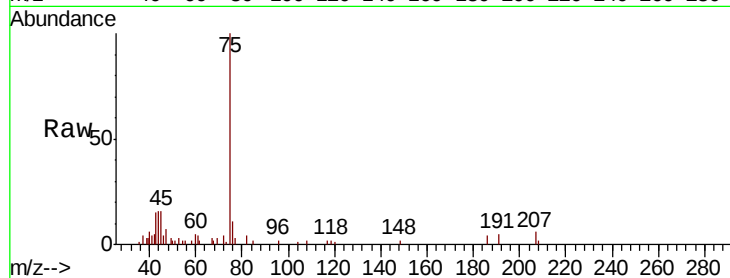
VW0219SBL01

Tgt Ion: 43 Resp: 1203

Ion Ratio Lower Upper

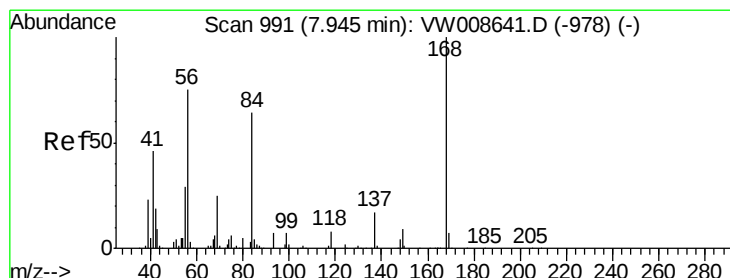
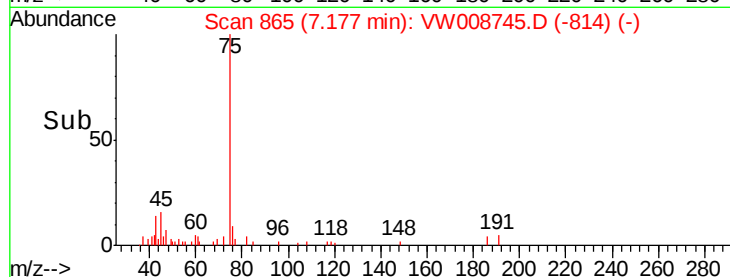
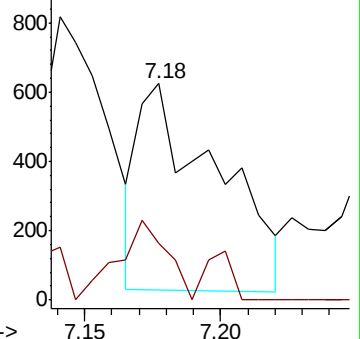
43 100

72 37.2 19.7 29.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#31

Cyclohexane

Concen: 1.322 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW008745.D

Acq: 19 Feb 2019 11:49

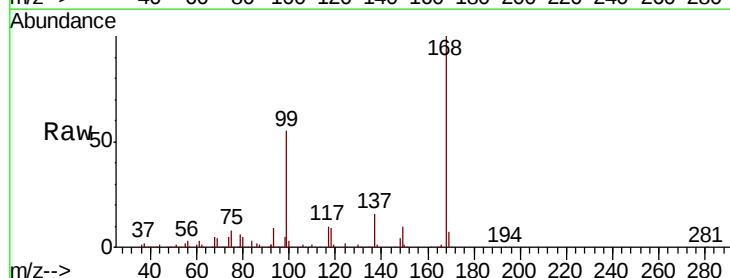
Tgt Ion: 56 Resp: 8996

Ion Ratio Lower Upper

56 100

69 133.1 26.4 39.6#

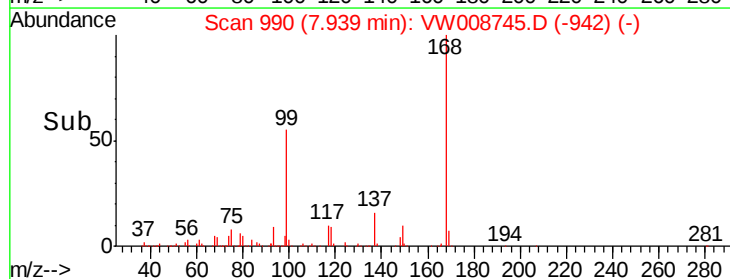
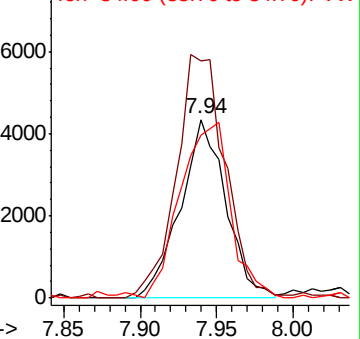
84 89.9 67.4 101.2

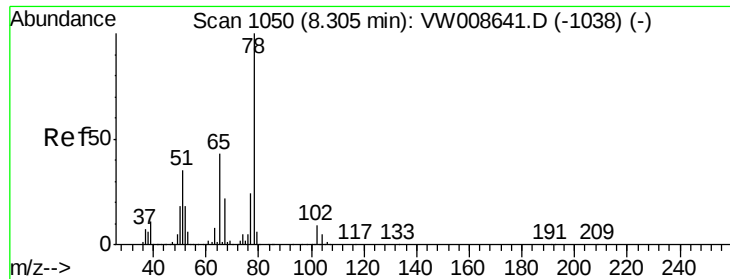


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

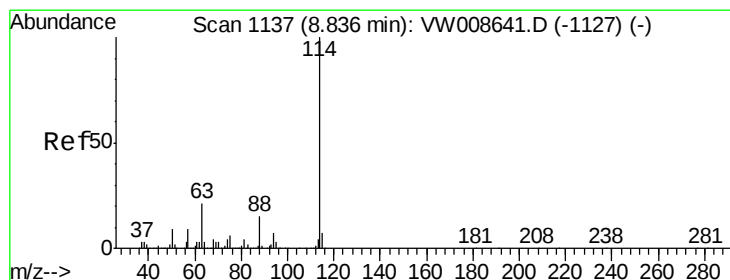
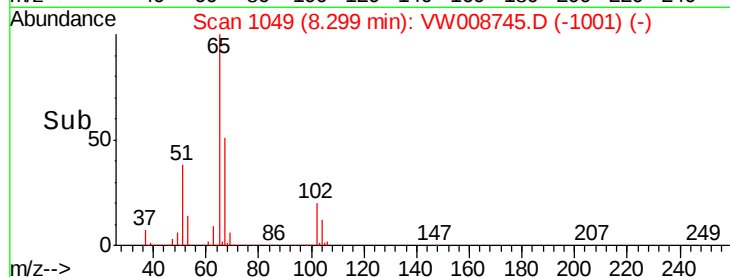
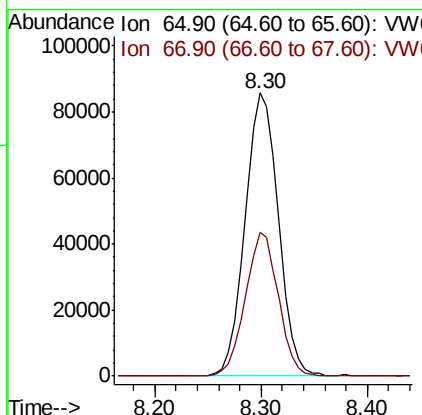
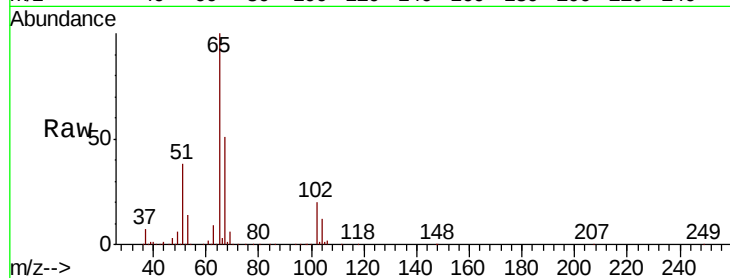




#33
 1,2-Dichloroethane-d4
 Concen: 50.815 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW008745.D
 Acq: 19 Feb 2019 11:49

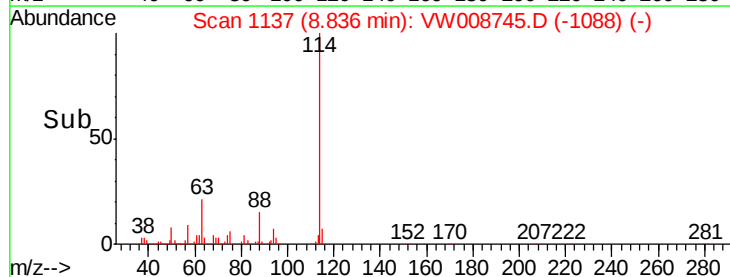
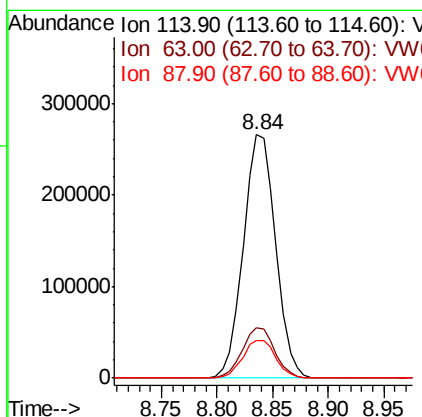
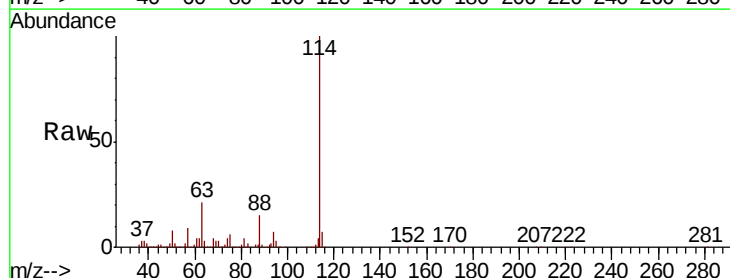
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0219SBL01

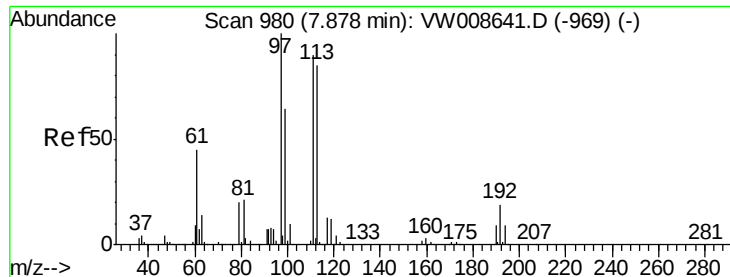
Tgt Ion: 65 Resp: 189139
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VW008745.D
 Acq: 19 Feb 2019 11:49

Tgt Ion: 114 Resp: 536837
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 41.2
 88 15.3 0.0 29.6

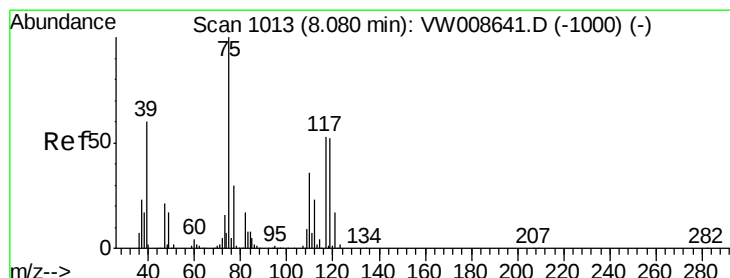
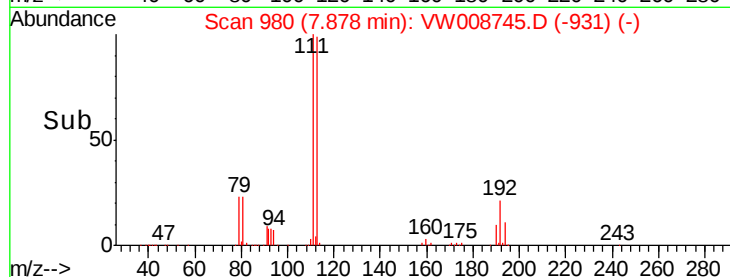
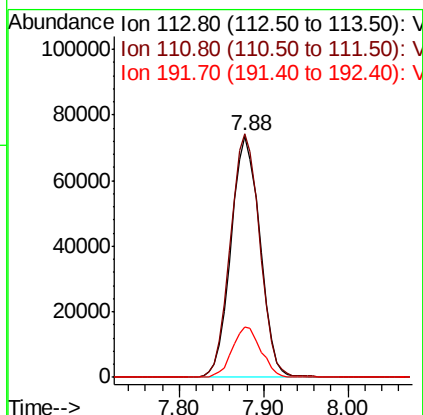
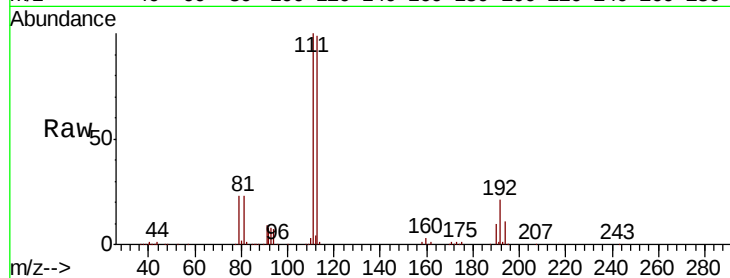




#35
 Dibromofluoromethane
 Concen: 51.355 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW008745.D
 Acq: 19 Feb 2019 11:49

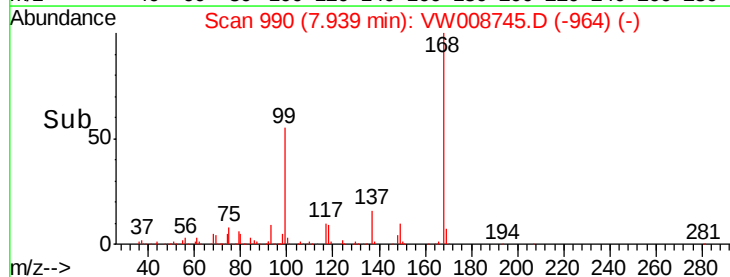
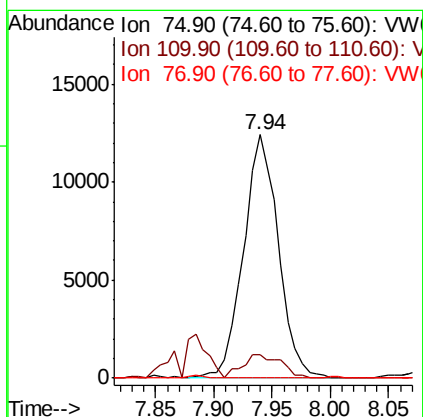
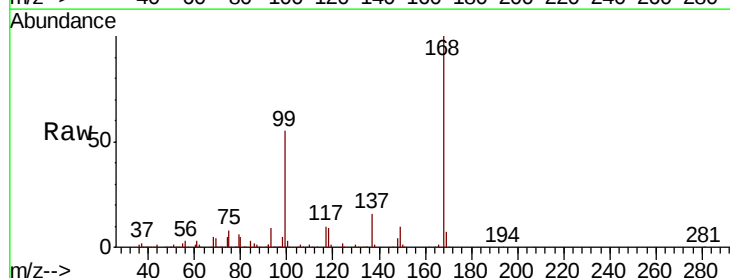
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0219SBL01

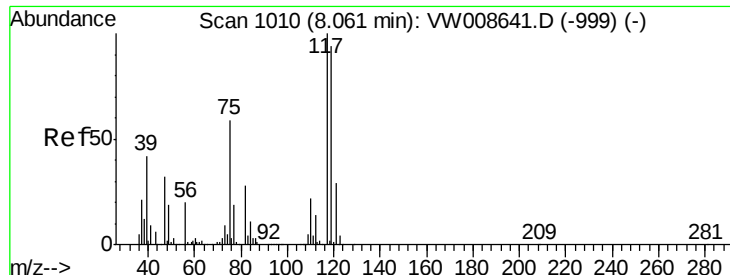
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	84.0	126.0
192	20.6	17.4	26.2



#36
 1,1-Dichloropropene
 Concen: 4.821 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW008745.D
 Acq: 19 Feb 2019 11:49

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.8	17.8	53.3#
77	0.0	24.7	37.1#





#38

Carbon Tetrachloride

Concen: 6.193 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.12 min

Lab File: VW008745.D

Acq: 19 Feb 2019 11:49

Instrument :

MSVOA_W

ClientSampleId :

VW0219SBL01

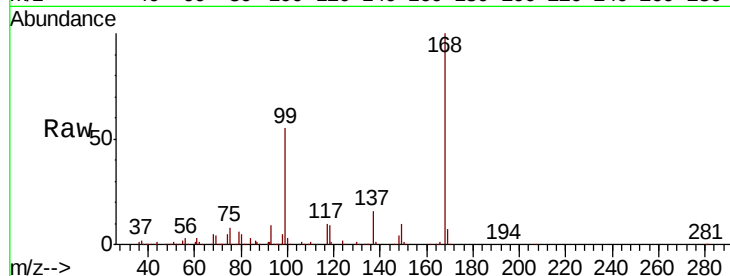
Tgt Ion: 117 Resp: 33213

Ion Ratio Lower Upper

117 100

119 6.0 75.1 112.7#

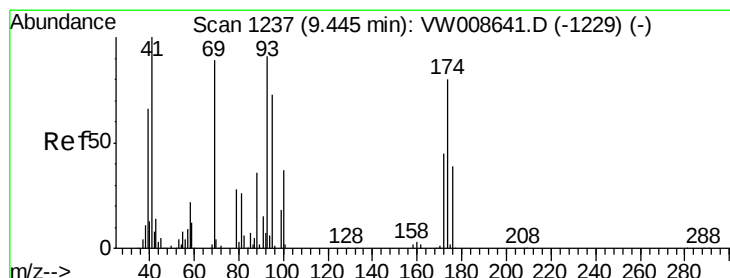
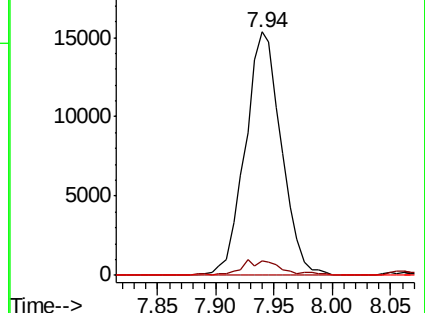
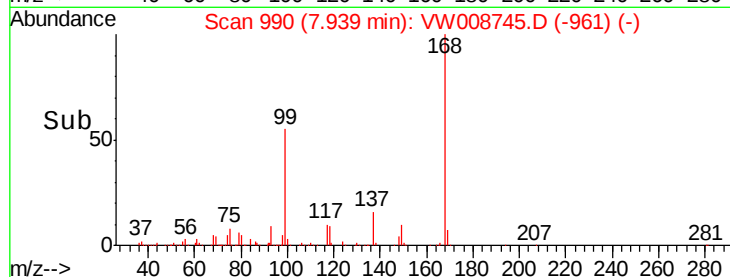
121 0.0 23.5 35.3#



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: 6.489 ug/l

RT: 9.47 min Scan# 1241

Delta R.T. 0.02 min

Lab File: VW008745.D

Acq: 19 Feb 2019 11:49

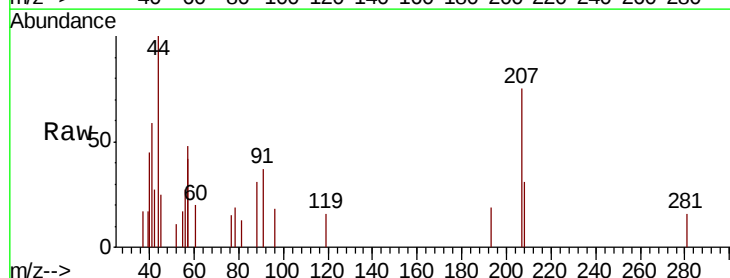
Tgt Ion: 88 Resp: 208

Ion Ratio Lower Upper

88 100

43 0.0 31.0 46.6#

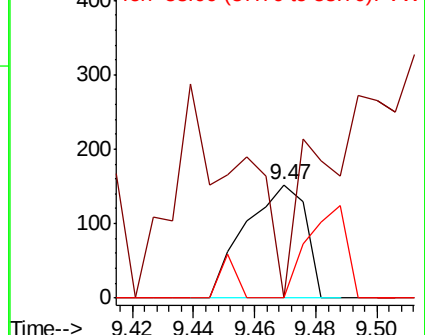
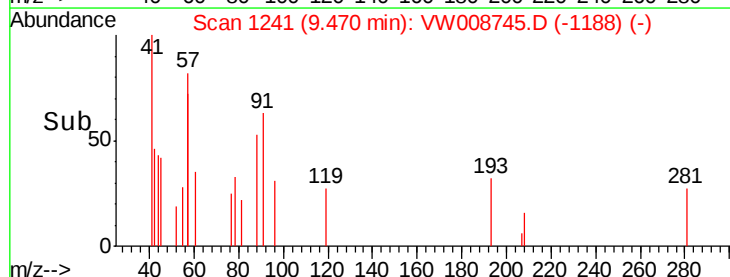
58 52.4 57.0 85.6#

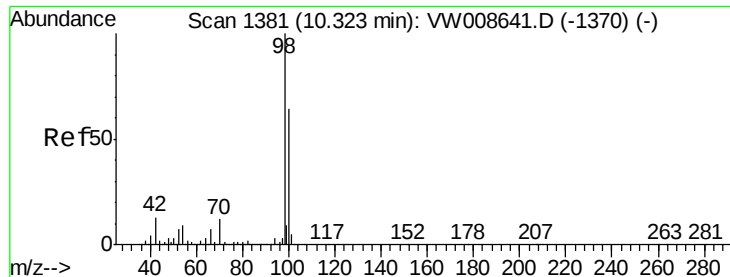


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#50

Toluene-d8

Concen: 49.516 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008745.D

Acq: 19 Feb 2019 11:49

Instrument :

MSVOA_W

ClientSampleId :

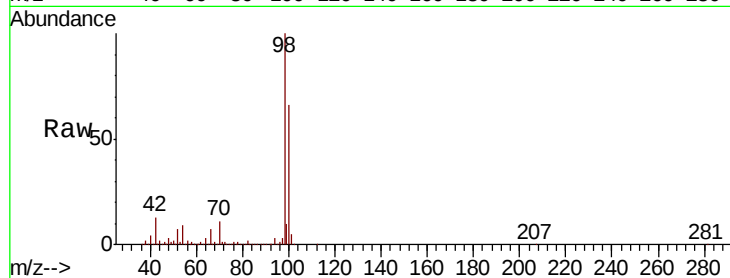
VW0219SBL01

Tgt Ion: 98 Resp: 636277

Ion Ratio Lower Upper

98 100

100 66.0 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

400000

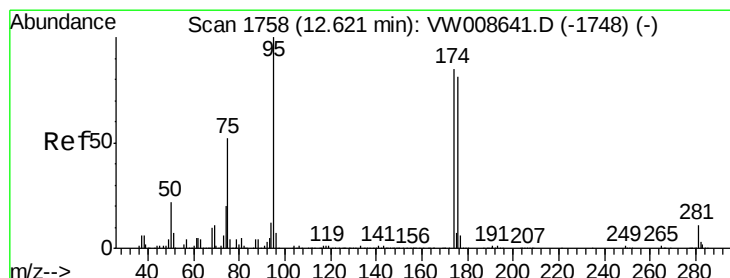
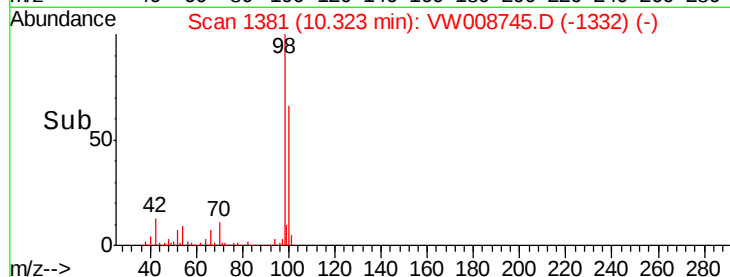
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.264 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008745.D

Acq: 19 Feb 2019 11:49

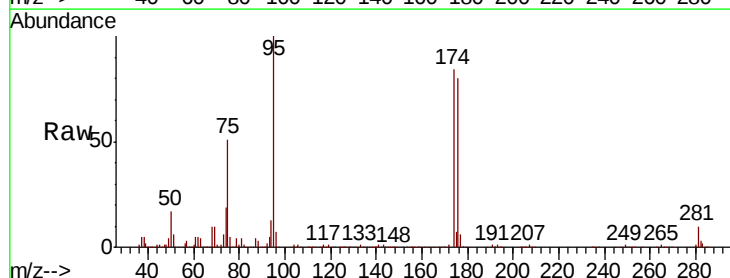
Tgt Ion: 95 Resp: 219084

Ion Ratio Lower Upper

95 100

174 85.8 0.0 163.2

176 82.8 0.0 158.0



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

12.62

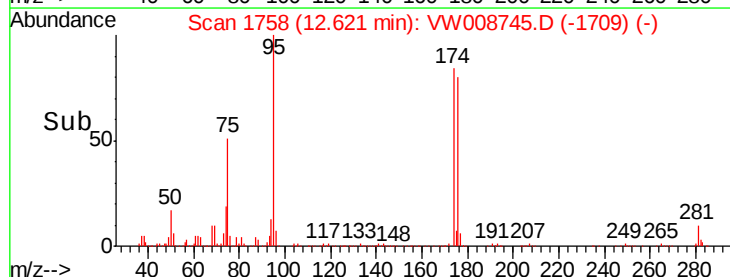
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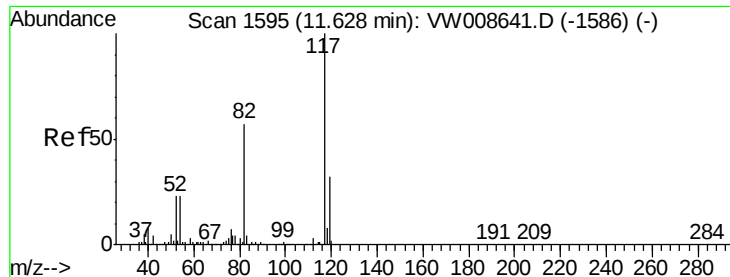
100000

50000

0

Time-->

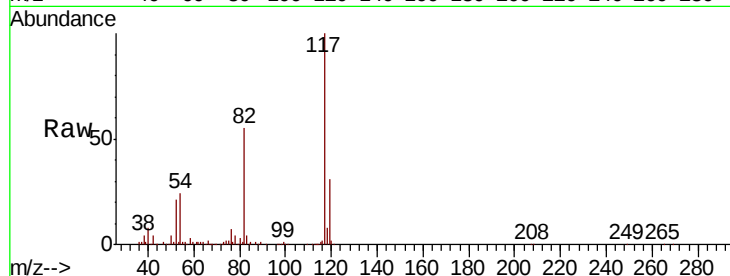




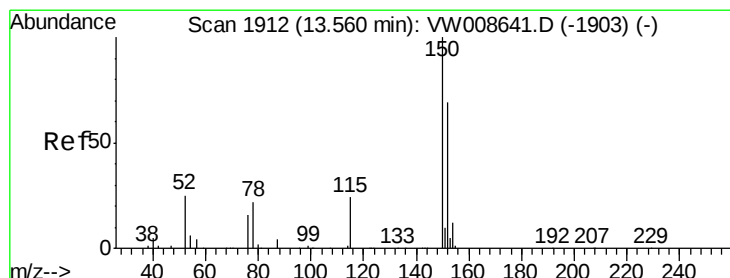
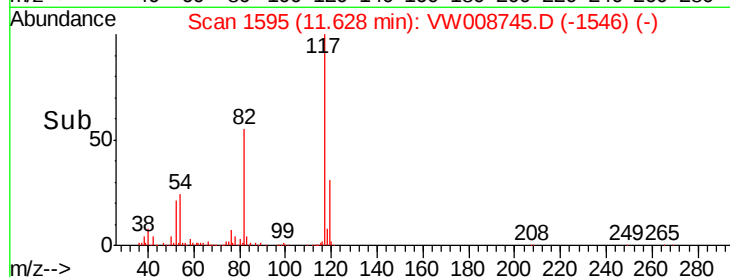
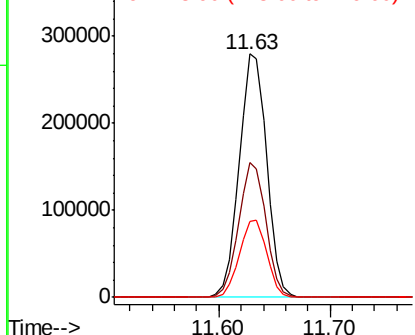
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW008745.D
Acq: 19 Feb 2019 11:49

Instrument :
MSVOA_W
ClientSampleId :
VW0219SBL01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.3	45.6	68.4
119	31.3	25.7	38.5

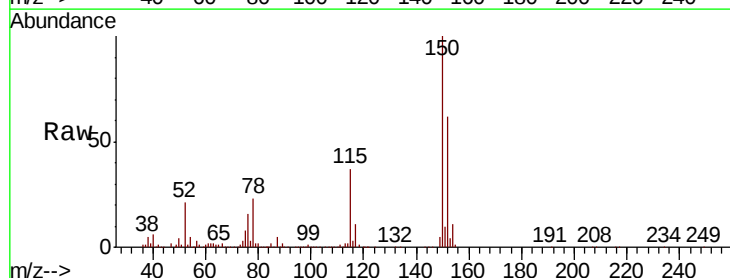


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

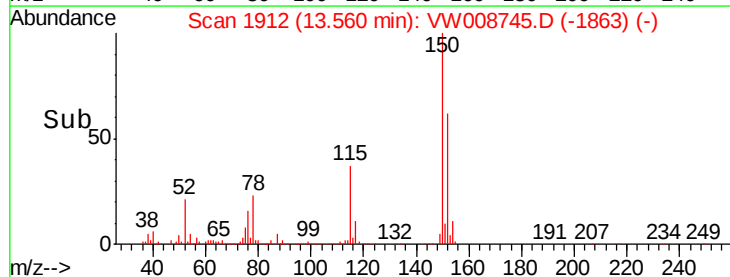
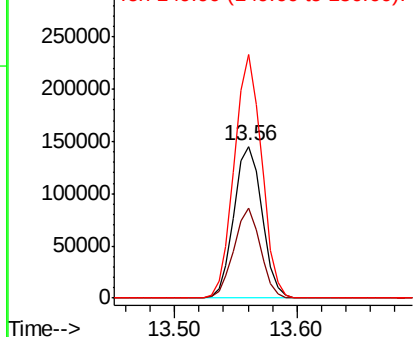


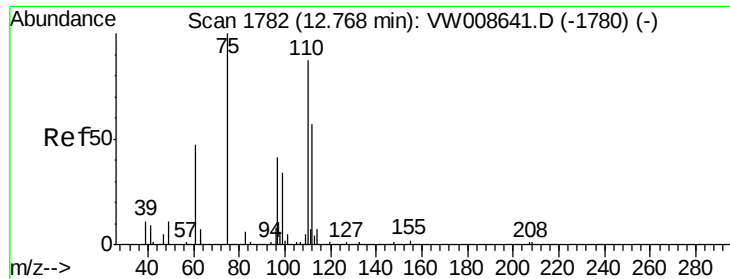
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008745.D
Acq: 19 Feb 2019 11:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.4	29.3	87.8
150	157.1	0.0	352.8



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: 51.028 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008745.D

Acq: 19 Feb 2019 11:49

Instrument :

MSVOA_W

ClientSampleId :

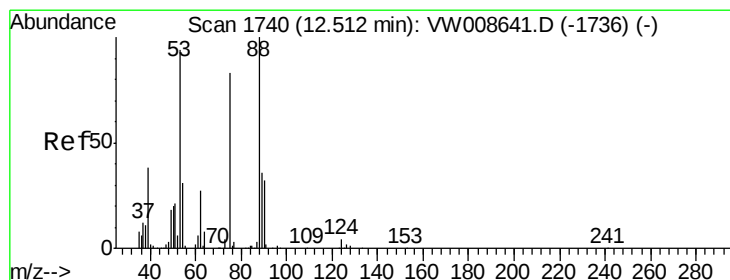
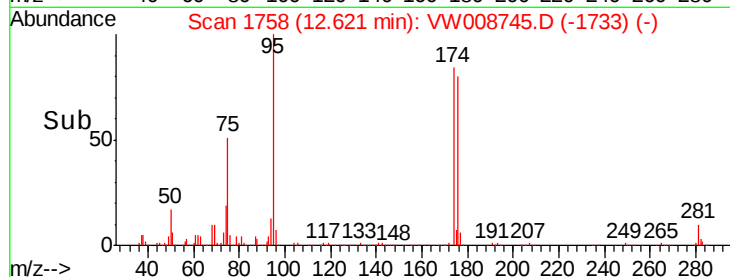
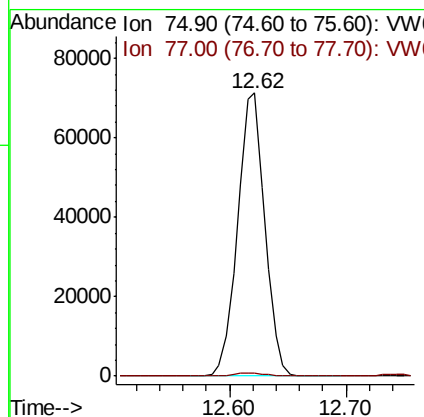
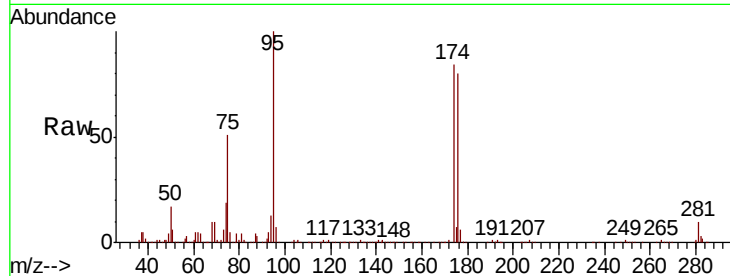
VW0219SBL01

Tgt Ion: 75 Resp: 115844

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 109.356 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008745.D

Acq: 19 Feb 2019 11:49

Tgt Ion: 75 Resp: 115844

Ion Ratio Lower Upper

75 100

53 0.0 87.4 131.0#

89 0.1 37.0 55.4#

