

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031919\
 Data File : VW009272.D
 Acq On : 20 Mar 2019 07:21
 Operator : SY/VA
 Sample : K1987-03
 Misc : 5.06G/5ML/MSVOA W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 20190145-COMPOSITE-D

Quant Time: Mar 20 09:13:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W031919S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 07:22:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	296439	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	485574	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	443810	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	218195	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	192194	60.95	ug/l	0.00
Spiked Amount			Recovery	=	121.90%	
35) Dibromofluoromethane	7.88	113	160486	52.10	ug/l	0.00
Spiked Amount			Recovery	=	104.20%	
50) Toluene-d8	10.32	98	597072	53.34	ug/l	0.00
Spiked Amount			Recovery	=	106.68%	
62) 4-Bromofluorobenzene	12.62	95	208222	50.66	ug/l	0.00
Spiked Amount			Recovery	=	101.32%	

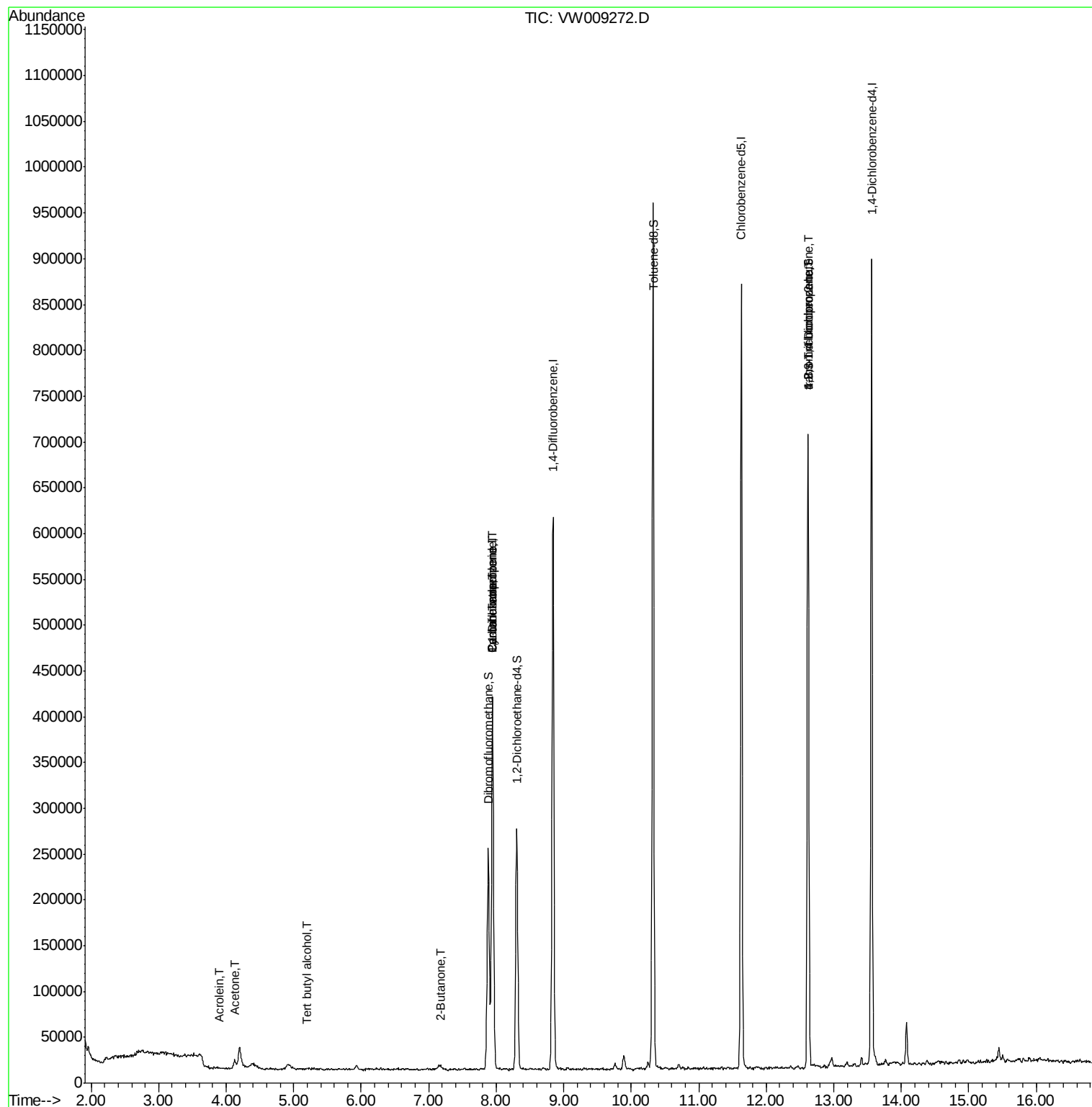
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.03	85	163	Below Cal	#	41
11) Tert butyl alcohol	5.18	59	1350	7.375	ug/l #	93
13) Acrolein	3.90	56	371	2.483	ug/l	94
16) Acetone	4.13	43	18191	28.120	ug/l	95
20) Methylene Chloride	4.92	84	4789	Below Cal		95
25) 2-Butanone	7.18	43	3493	3.768	ug/l	99
31) Cyclohexane	7.95	56	7951	1.537	ug/l #	20
36) 1,1-Dichloropropene	7.95	75	24019	4.971	ug/l #	51
38) Carbon Tetrachloride	7.94	117	30173	5.901	ug/l #	19
76) 1,2,3-Trichloropropane	12.62	75	116712	56.920	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	116712	139.667	ug/l #	7

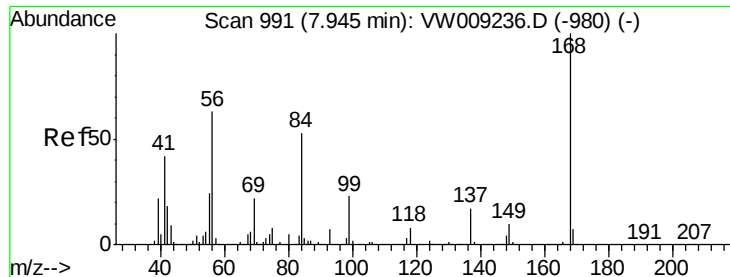
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW031919\
Data File : VW009272.D
Acq On : 20 Mar 2019 07:21
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Quant Time: Mar 20 09:13:45 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W031919S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 20 07:22:50 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: VW009272.D

Acq: 20 Mar 2019 07:21

Instrument :

MSVOA_W

ClientSampleId :

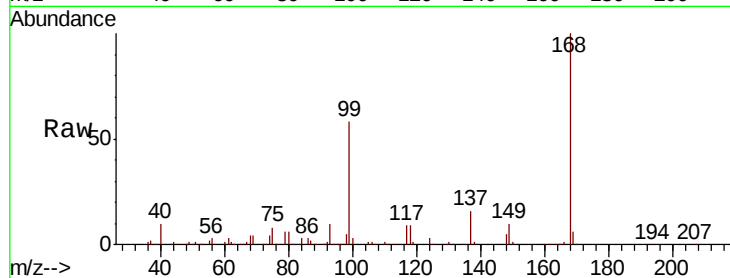
20190145-COMPOSITE-D

Tot Ion:168 Resp: 296439

Ion Ratio Lower Upper

168 100

99 58.0 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

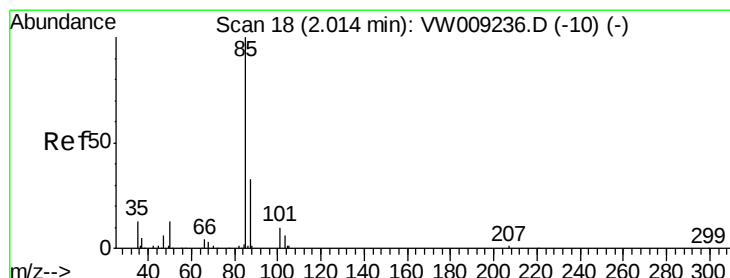
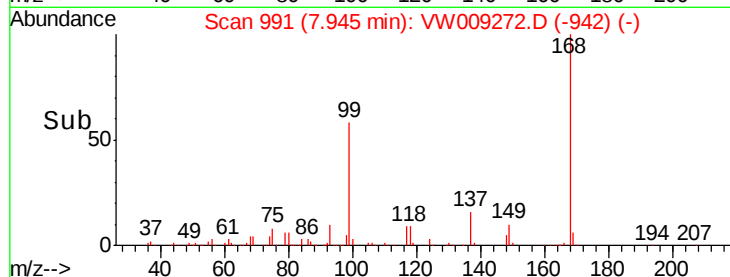
100000

50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.03 min Scan# 20

Delta R.T. 0.01 min

Lab File: VW009272.D

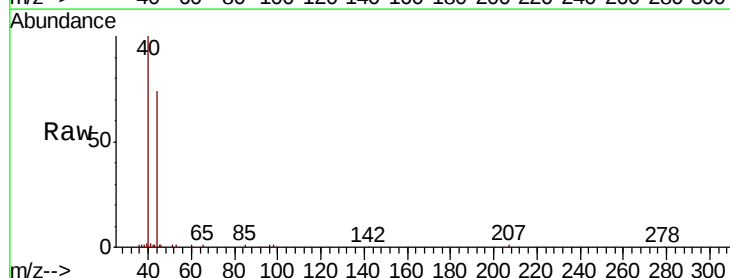
Acq: 20 Mar 2019 07:21

Tgt Ion: 85 Resp: 163

Ion Ratio Lower Upper

85 100

87 0.0 16.7 50.1#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.03

150

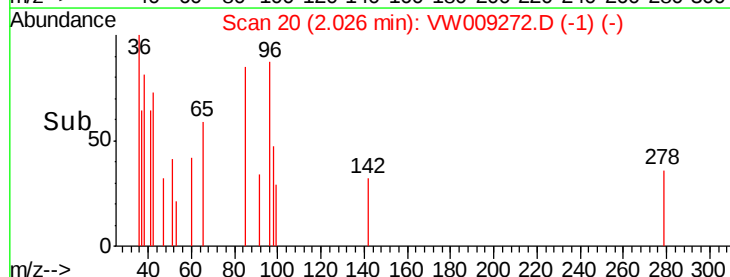
100

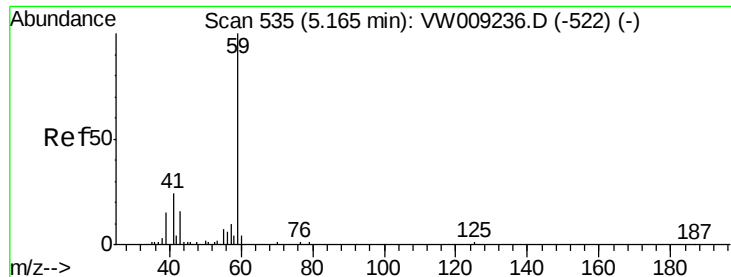
50

0

1.98 2.00 2.02 2.04

Time-->

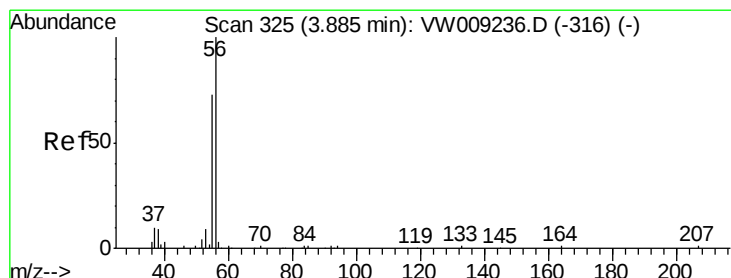
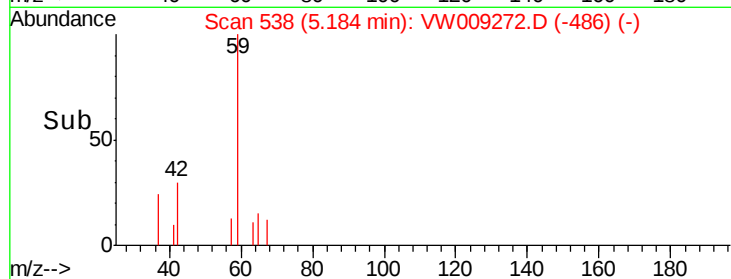
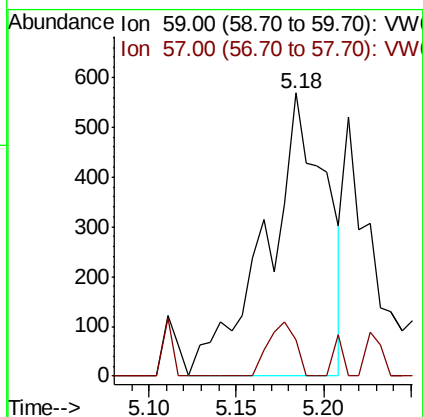
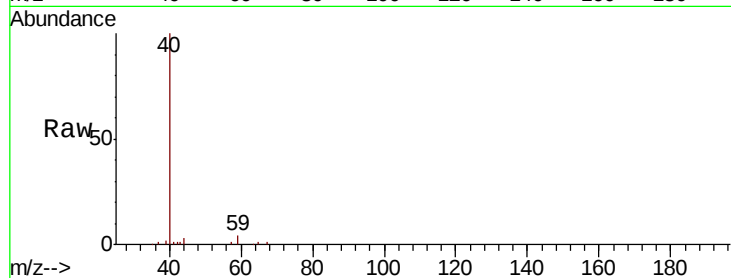




#11
Tert butyl alcohol
Concen: 7.375 ug/l
RT: 5.18 min Scan# 538
Delta R.T. 0.02 min
Lab File: VW009272.D
Acq: 20 Mar 2019 07:21

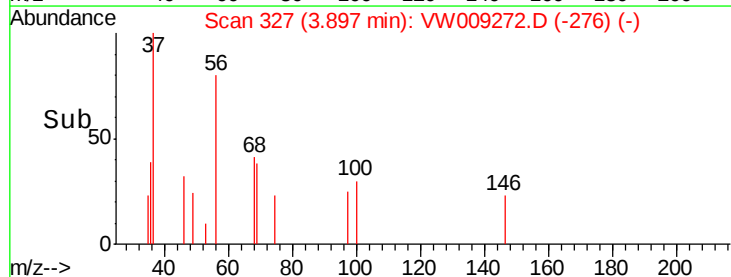
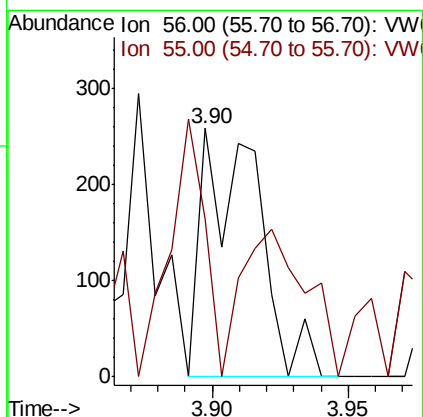
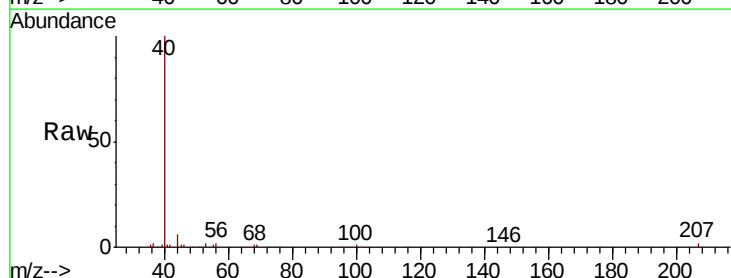
Instrument :
MSVOA_W
ClientSampleId :
20190145-COMPOSITE-D

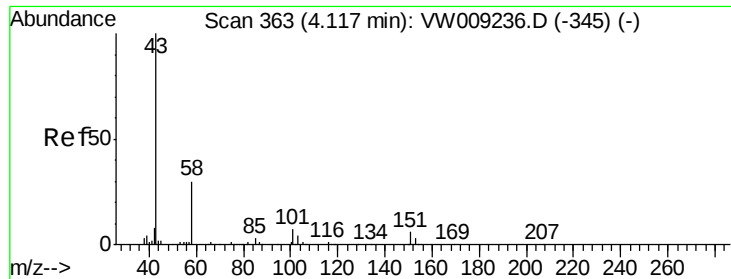
Tot Ion: 59 Resp: 1350
Ion Ratio Lower Upper
59 100
57 8.8 9.4 14.0#



#13
Acrolein
Concen: 2.483 ug/l
RT: 3.90 min Scan# 327
Delta R.T. 0.01 min
Lab File: VW009272.D
Acq: 20 Mar 2019 07:21

Tgt Ion: 56 Resp: 371
Ion Ratio Lower Upper
56 100
55 64.2 55.2 82.8





#16

Acetone

Concen: 28.120 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW009272.D

Acq: 20 Mar 2019 07:21

Instrument :

MSVOA_W

ClientSampleId :

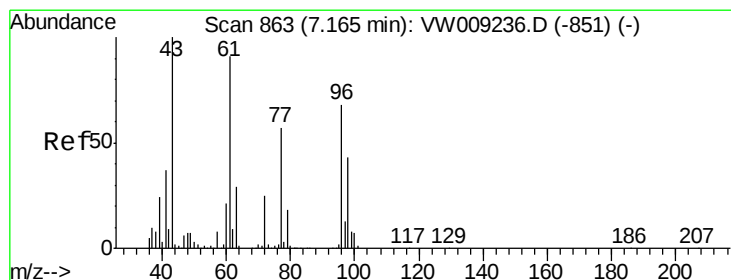
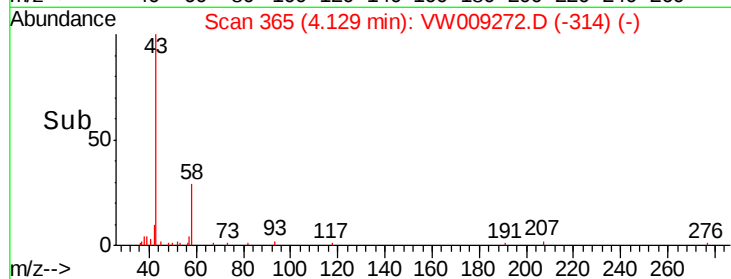
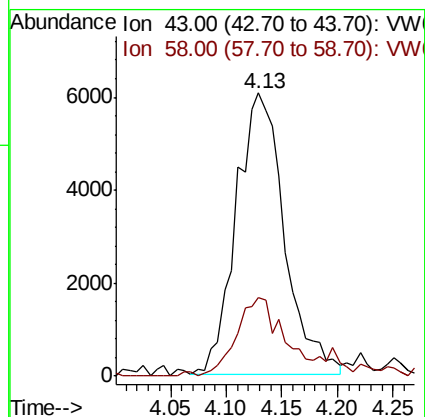
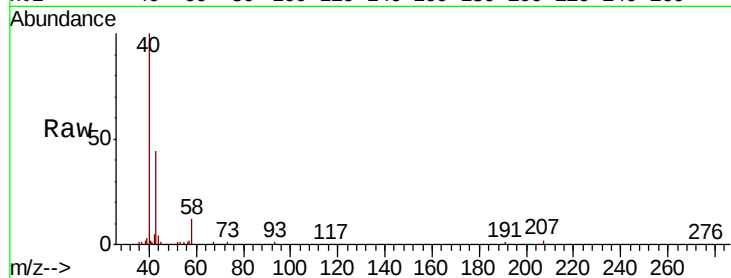
20190145-COMPOSITE-D

Tot Ion: 43 Resp: 18191

Ion Ratio Lower Upper

43 100

58 26.7 23.6 35.4



#25

2-Butanone

Concen: 3.768 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW009272.D

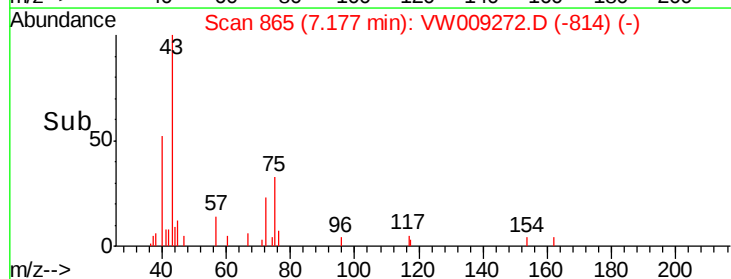
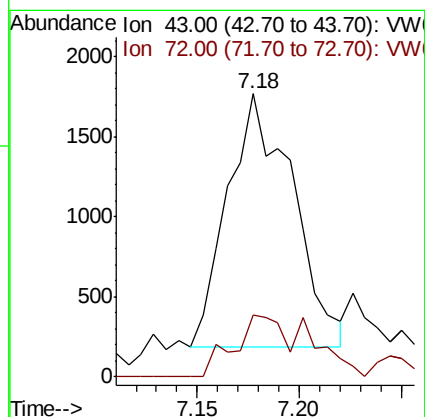
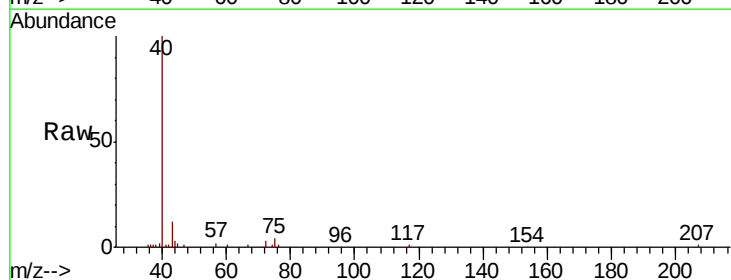
Acq: 20 Mar 2019 07:21

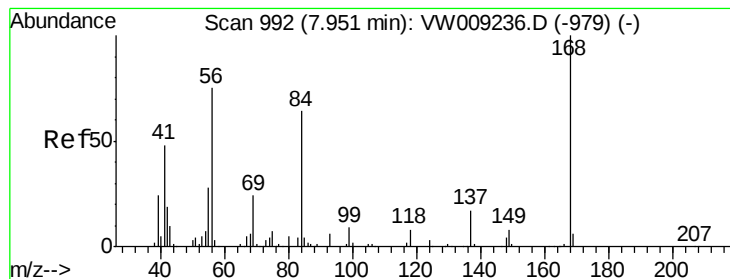
Tgt Ion: 43 Resp: 3493

Ion Ratio Lower Upper

43 100

72 24.5 20.0 30.0





#31

Cyclohexane

Concen: 1.537 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW009272.D

Acq: 20 Mar 2019 07:21

Instrument :

MSVOA_W

ClientSampleId :

20190145-COMPOSITE-D

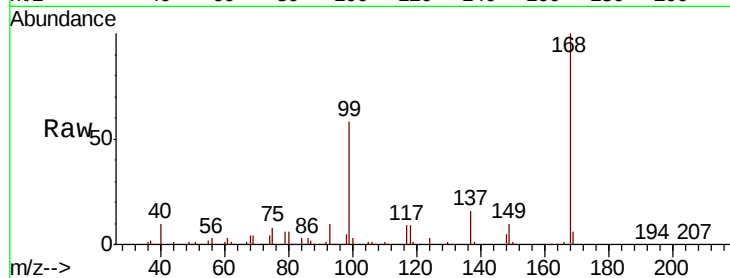
Tot Ion: 56 Resp: 7951

Ion Ratio Lower Upper

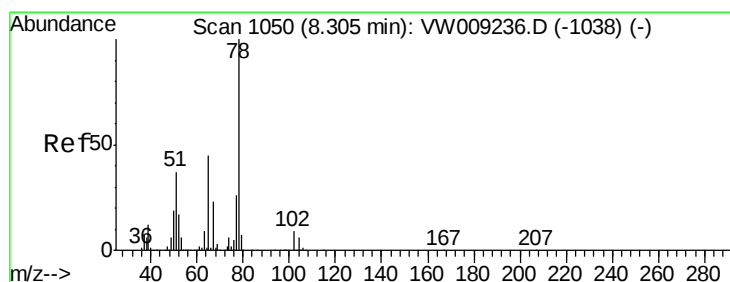
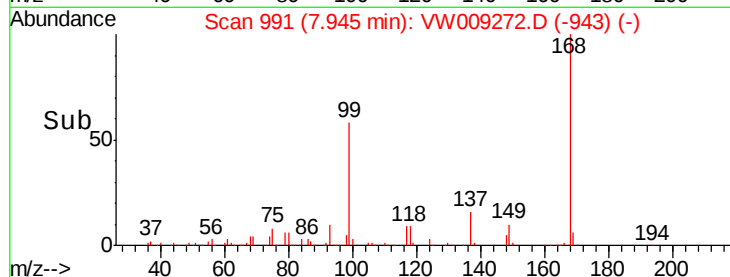
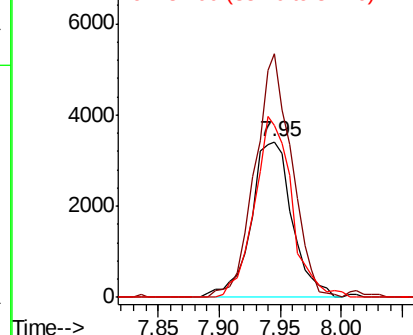
56 100

69 156.4 26.1 39.1#

84 110.6 68.6 103.0#



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: 60.953 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW009272.D

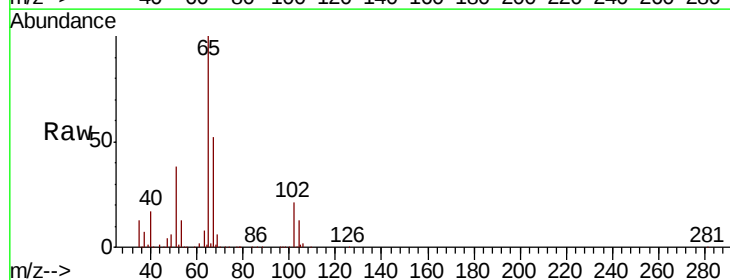
Acq: 20 Mar 2019 07:21

Tgt Ion: 65 Resp: 192194

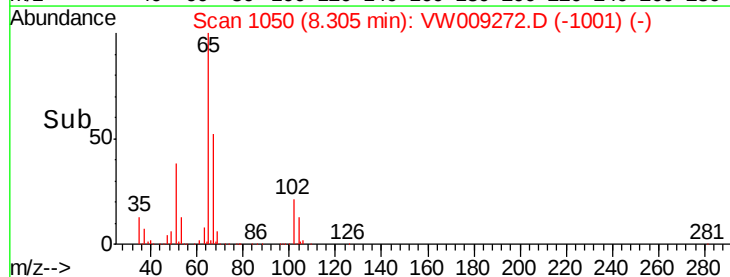
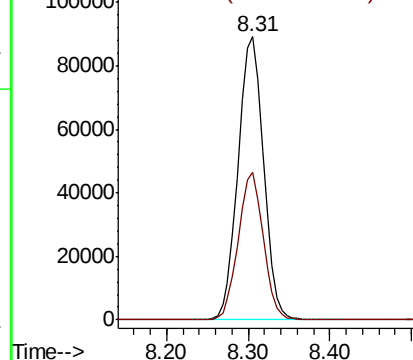
Ion Ratio Lower Upper

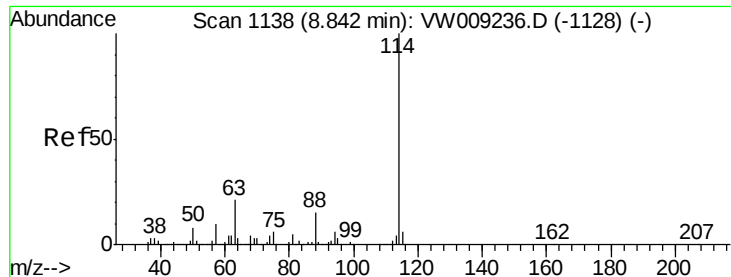
65 100

67 51.2 0.0 102.4



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

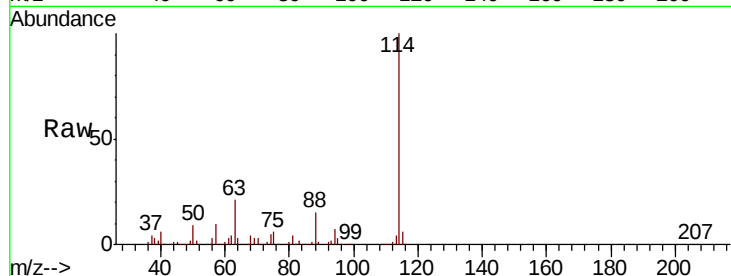




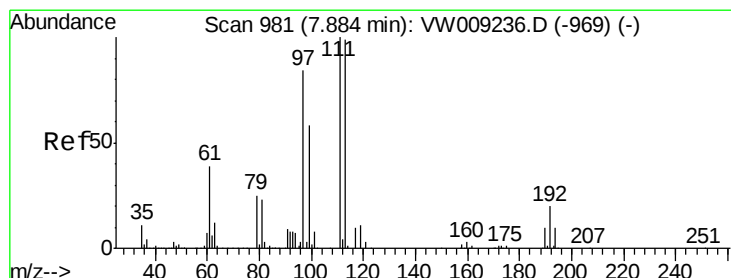
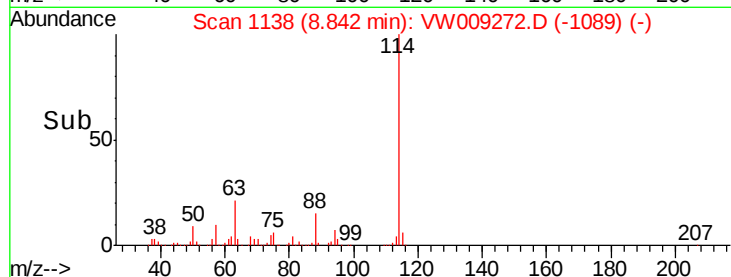
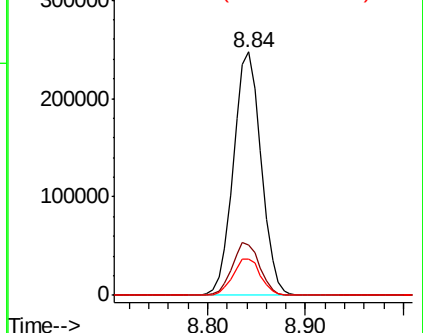
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW009272.D
 Acq: 20 Mar 2019 07:21

Instrument :
 MSVOA_W
 ClientSampleId :
 20190145-COMPOSITE-D

Tot Ion:114 Resp: 485574
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 42.2
 88 14.8 0.0 30.8

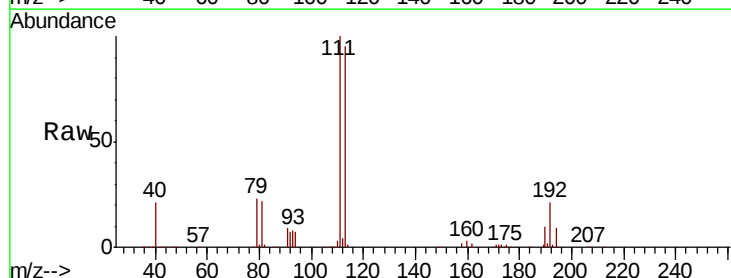


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

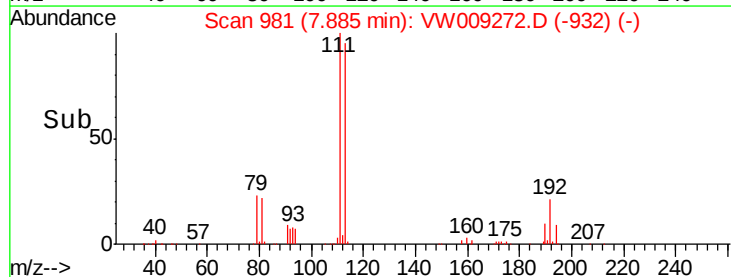
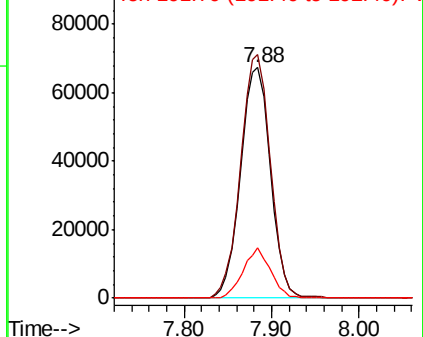


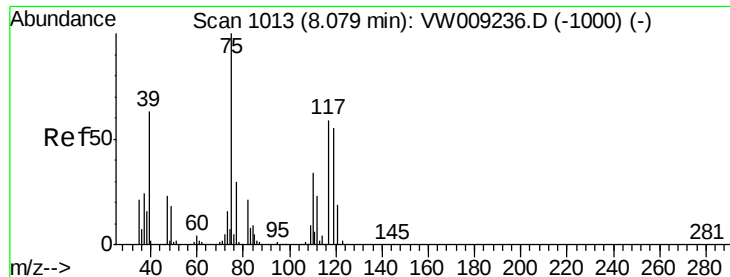
#35
 Dibromofluoromethane
 Concen: 52.102 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW009272.D
 Acq: 20 Mar 2019 07:21

Tgt Ion:113 Resp: 160486
 Ion Ratio Lower Upper
 113 100
 111 105.1 82.6 124.0
 192 19.9 16.4 24.6



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

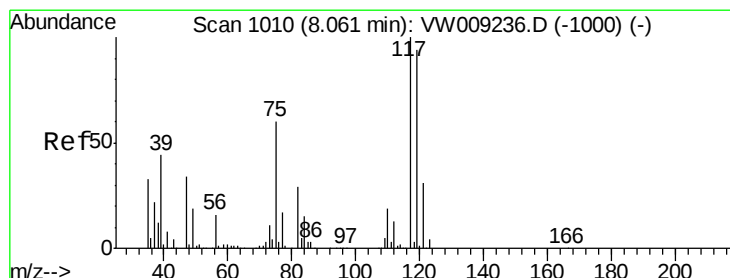
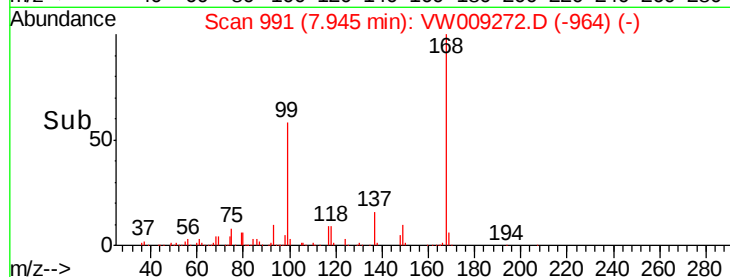
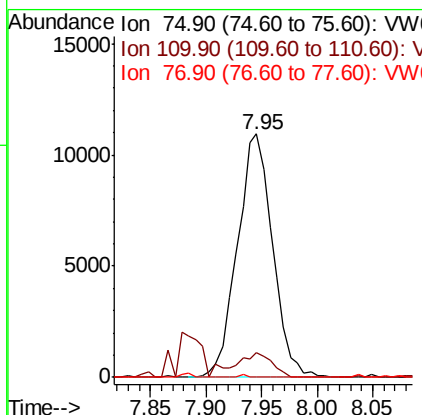
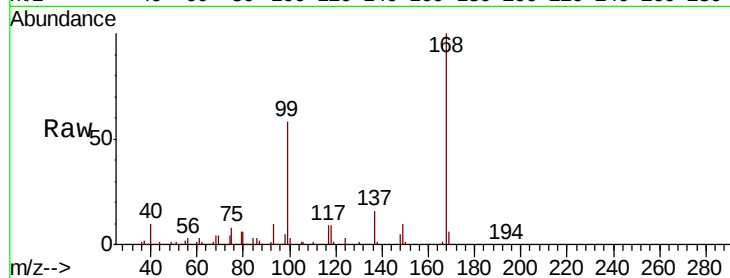




#36
 1,1-Dichloropropene
 Concen: 4.971 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW009272.D
 Acq: 20 Mar 2019 07:21

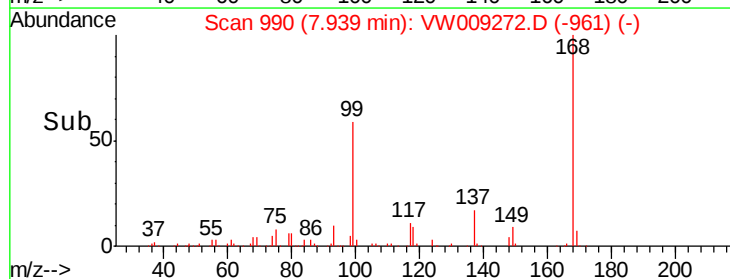
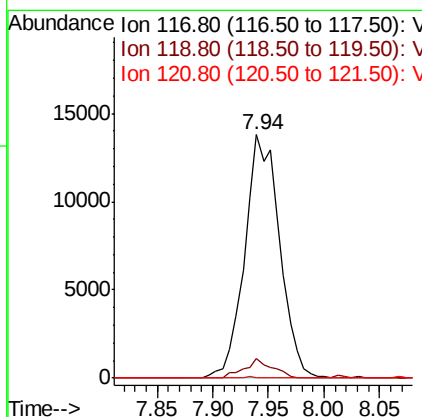
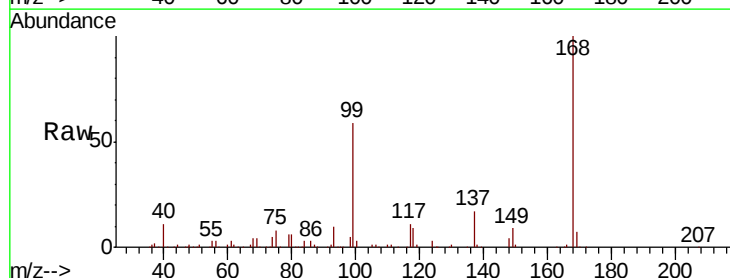
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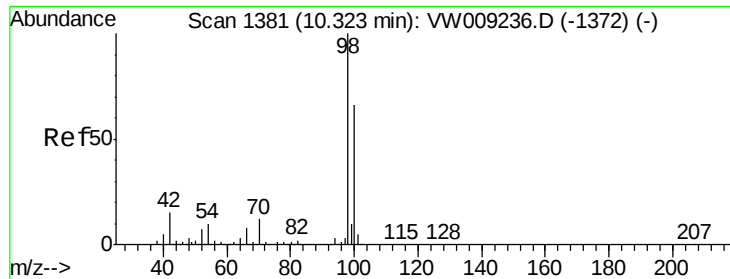
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.5	16.8	50.4#
77	0.2	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 5.901 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.12 min
 Lab File: VW009272.D
 Acq: 20 Mar 2019 07:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	8.0	75.4	113.0#
121	0.0	24.9	37.3#





#50

Toluene-d8

Concen: 53.340 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009272.D

Acq: 20 Mar 2019 07:21

Instrument :

MSVOA_W

ClientSampleId :

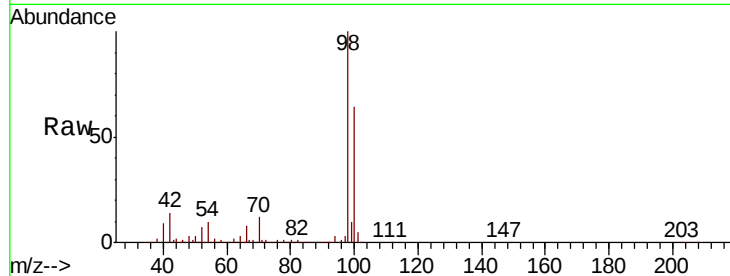
20190145-COMPOSITE-D

Tot Ion: 98 Resp: 597072

Ion Ratio Lower Upper

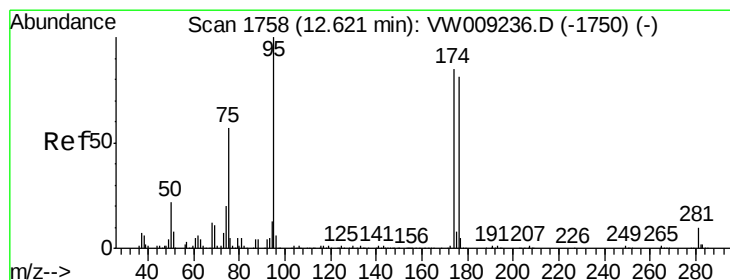
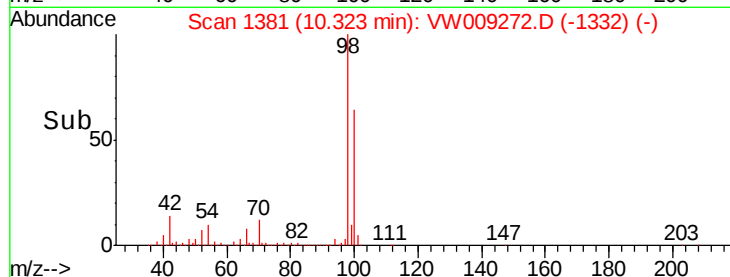
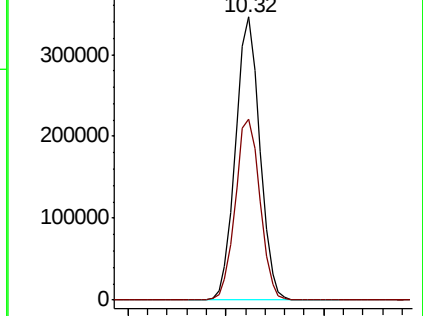
98 100

100 64.9 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 50.663 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW009272.D

Acq: 20 Mar 2019 07:21

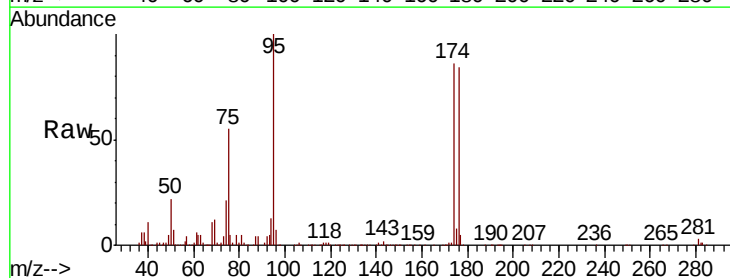
Tgt Ion: 95 Resp: 208222

Ion Ratio Lower Upper

95 100

174 85.1 0.0 168.4

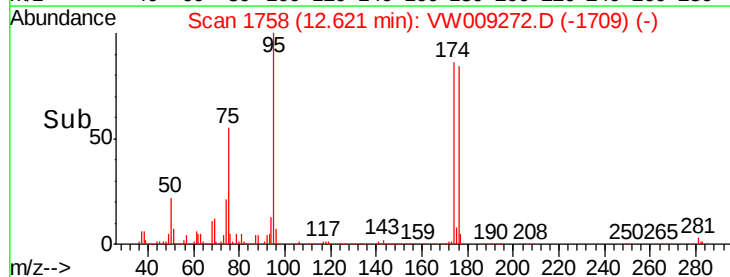
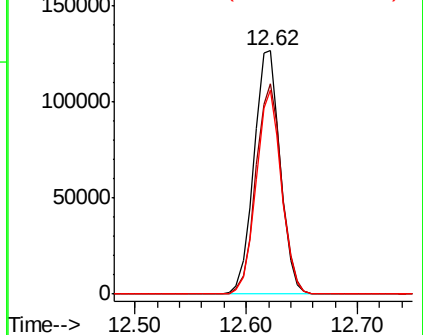
176 80.8 0.0 161.6

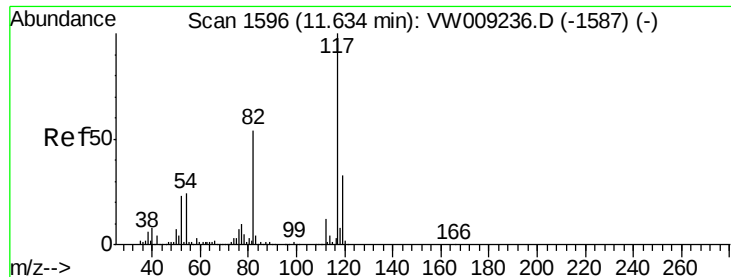


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

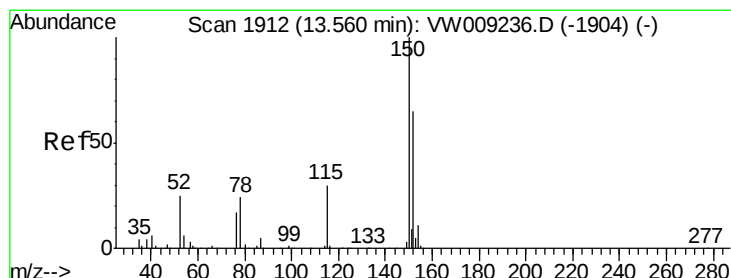
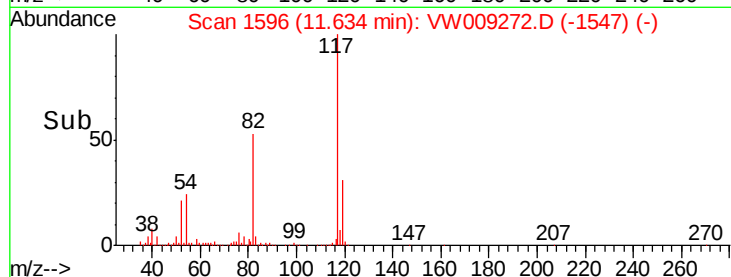
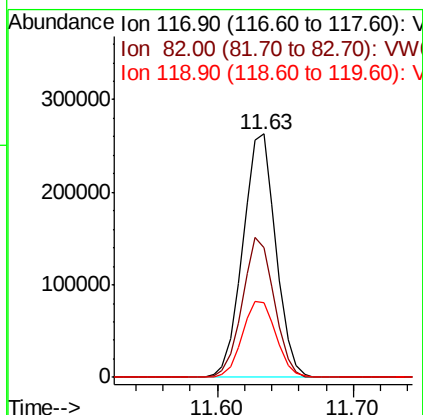
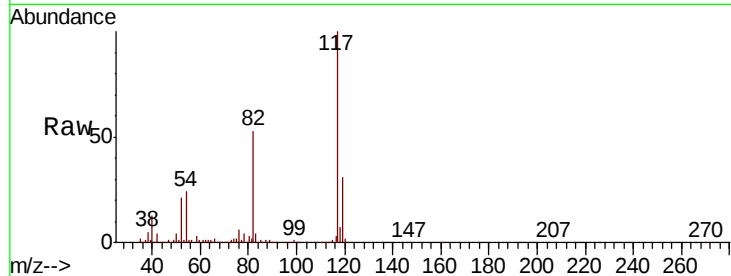




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW009272.D
Acq: 20 Mar 2019 07:21

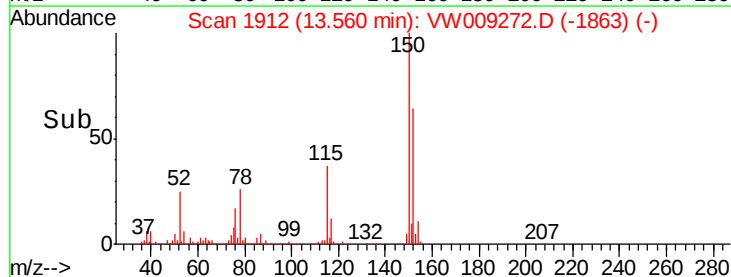
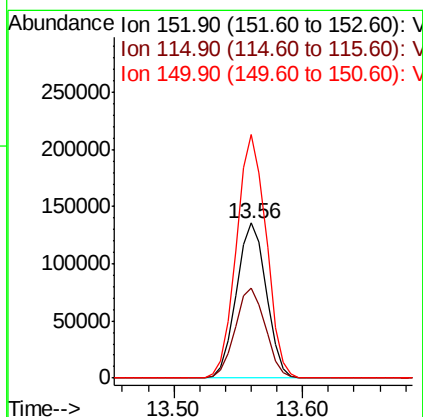
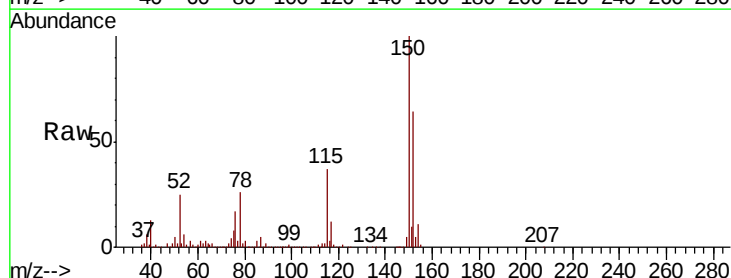
Instrument :
MSVOA_W
ClientSampleId :
20190145-COMPOSITE-D

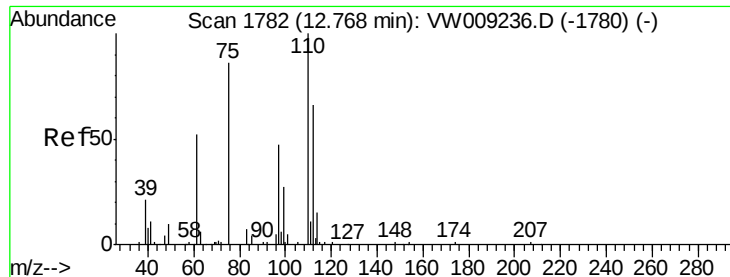
Tot Ion:117 Resp: 443810
Ion Ratio Lower Upper
117 100
82 53.3 43.6 65.4
119 30.9 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW009272.D
Acq: 20 Mar 2019 07:21

Tgt Ion:152 Resp: 218195
Ion Ratio Lower Upper
152 100
115 58.8 29.6 88.8
150 156.6 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 56.920 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW009272.D

Acq: 20 Mar 2019 07:21

Instrument :

MSVOA_W

ClientSampleId :

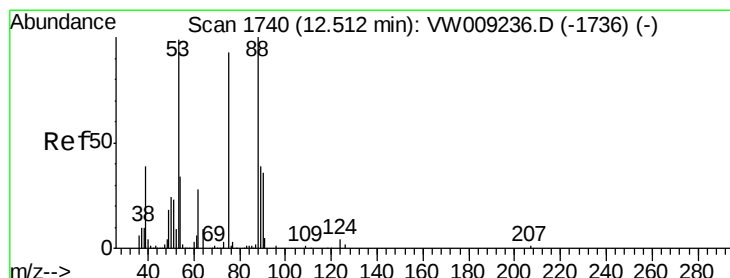
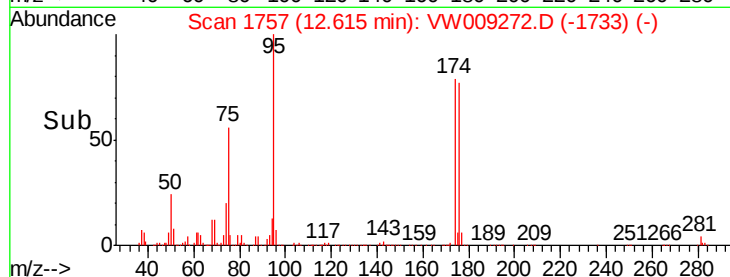
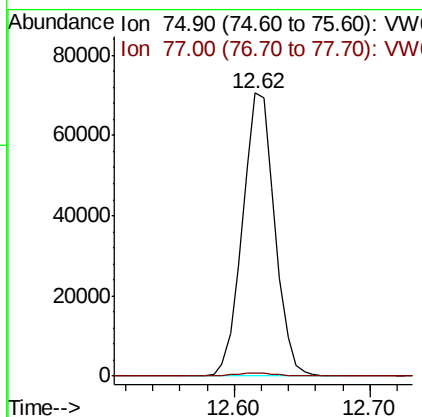
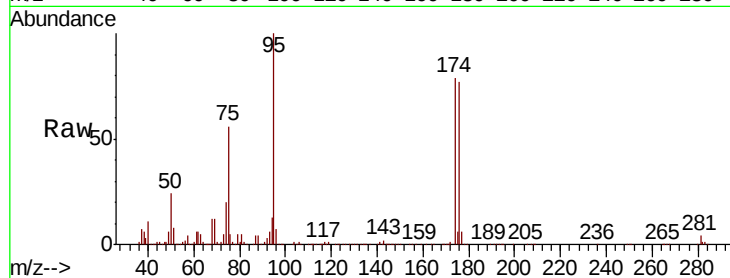
20190145-COMPOSITE-D

Tot Ion: 75 Resp: 116712

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 139.667 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW009272.D

Acq: 20 Mar 2019 07:21

Tgt Ion: 75 Resp: 116712

Ion Ratio Lower Upper

75 100

53 0.1 86.7 130.1#

89 0.0 36.4 54.6#

