

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031919\
 Data File : VW009275.D
 Acq On : 20 Mar 2019 08:41
 Operator : SY/VA
 Sample : K1987-06
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 20190084-FIELD-DUPLICATE

Quant Time: Mar 20 09:14:17 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	303421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	494211	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	449750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	219570	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	189042	58.57	ug/l	0.00
Spiked Amount			Recovery	=	117.14%	
35) Dibromofluoromethane	7.88	113	164859	52.59	ug/l	0.00
Spiked Amount			Recovery	=	105.18%	
50) Toluene-d8	10.32	98	604899	53.09	ug/l	0.00
Spiked Amount			Recovery	=	106.18%	
62) 4-Bromofluorobenzene	12.62	95	209895	50.18	ug/l	0.00
Spiked Amount			Recovery	=	100.36%	

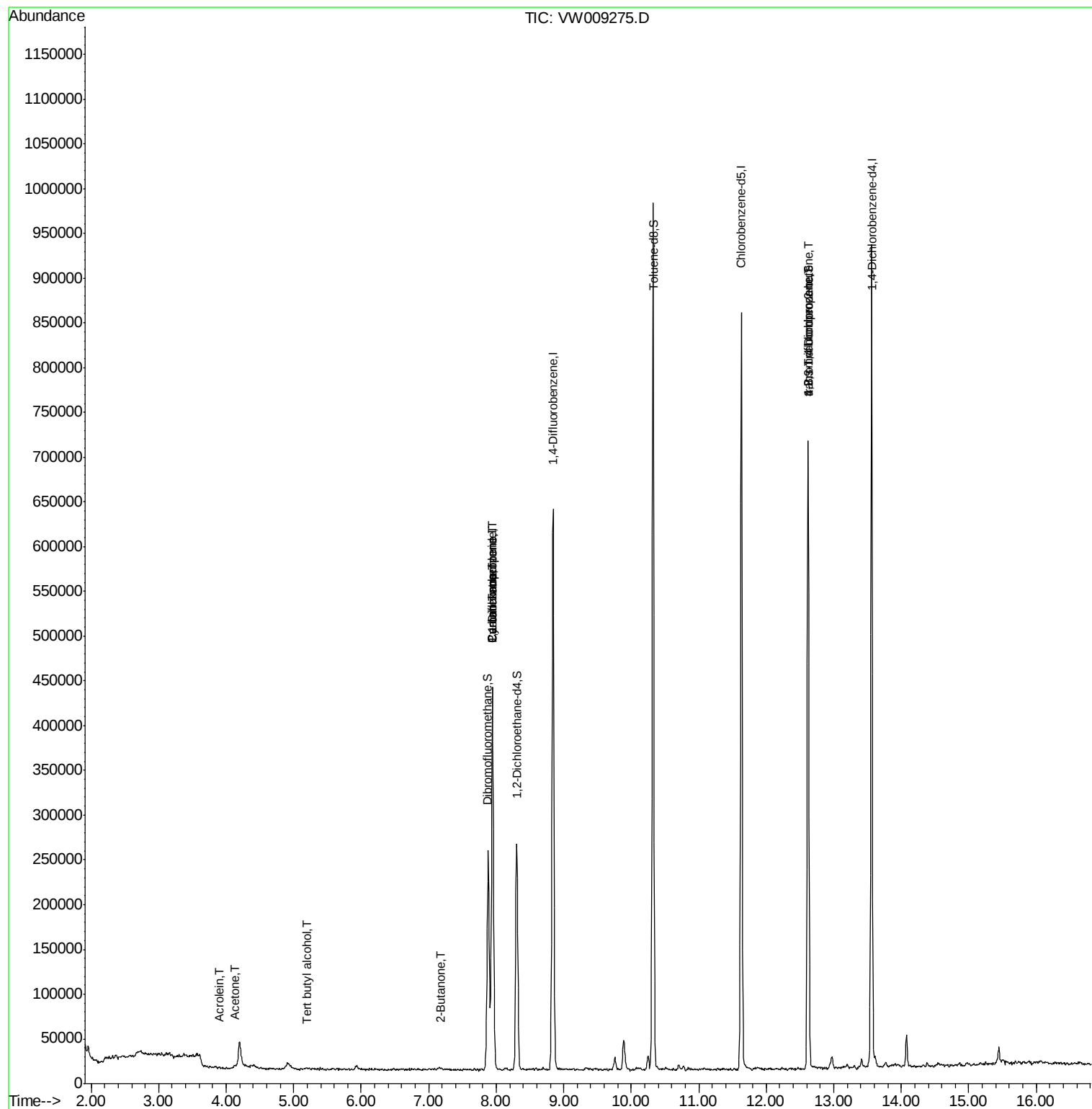
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	177	Below Cal	#	41
11) Tert butyl alcohol	5.18	59	629	3.357	ug/l	97
13) Acrolein	3.89	56	316	2.066	ug/l #	15
16) Acetone	4.14	43	7676	11.592	ug/l #	82
20) Methylene Chloride	4.91	84	5179	Below Cal	#	85
25) 2-Butanone	7.17	43	1975	2.082	ug/l #	50
31) Cyclohexane	7.95	56	8368	1.580	ug/l #	30
36) 1,1-Dichloropropene	7.95	75	25429	5.171	ug/l #	51
38) Carbon Tetrachloride	7.95	117	29909	5.747	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	114897	55.684	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	114897	136.634	ug/l #	7

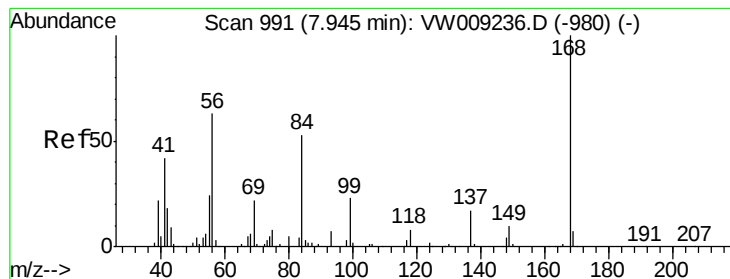
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW031919\
Data File : VW009275.D
Acq On : 20 Mar 2019 08:41
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Quant Time: Mar 20 09:14:17 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: VW009275.D

Acq: 20 Mar 2019 08:41

Instrument :

MSVOA_W

ClientSampleId :

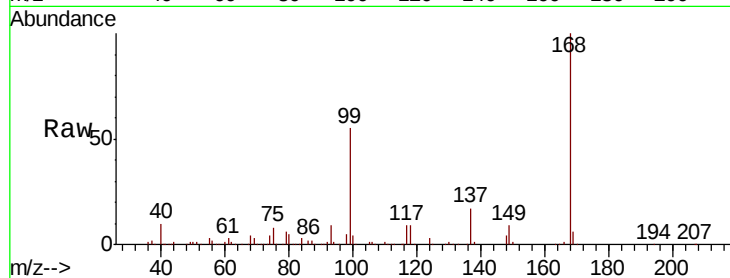
20190084-FIELD-DUPLICATE

Tot Ion:168 Resp: 303421

Ion Ratio Lower Upper

168 100

99 55.1 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

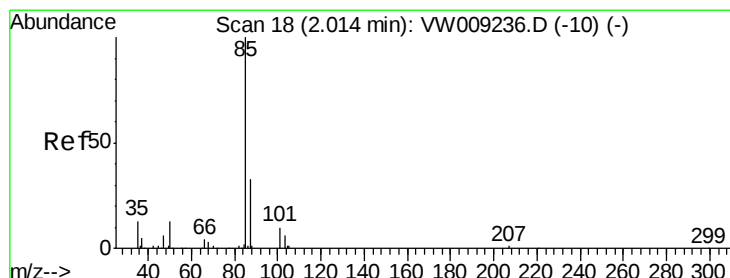
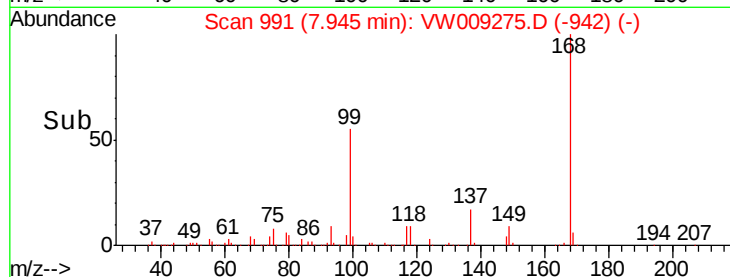
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.00 min Scan# 16

Delta R.T. -0.01 min

Lab File: VW009275.D

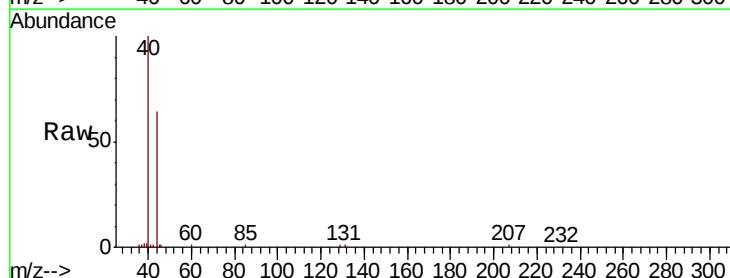
Acq: 20 Mar 2019 08:41

Tgt Ion: 85 Resp: 177

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

2.00

200

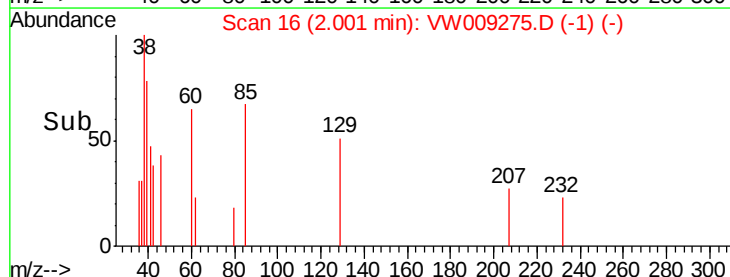
150

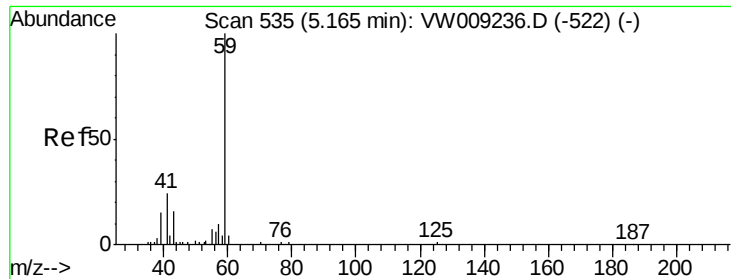
100

50

0

Time-->



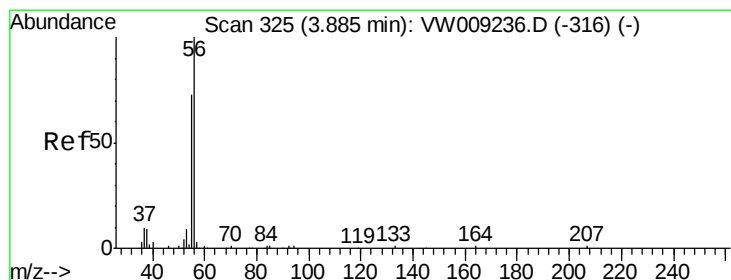
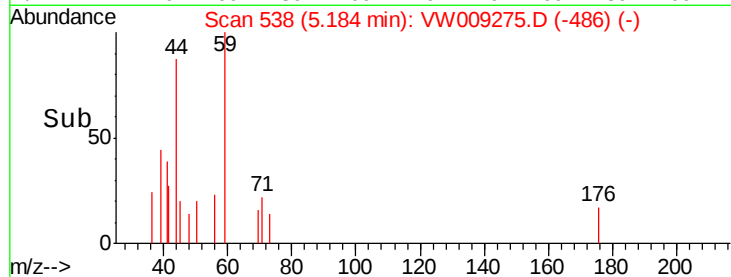
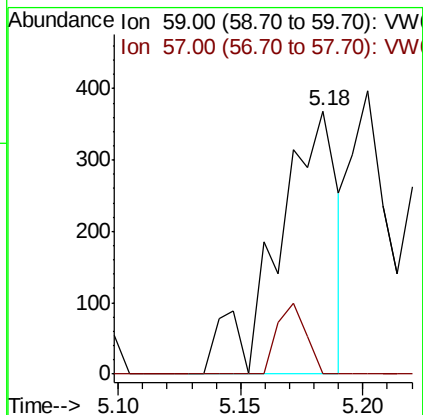
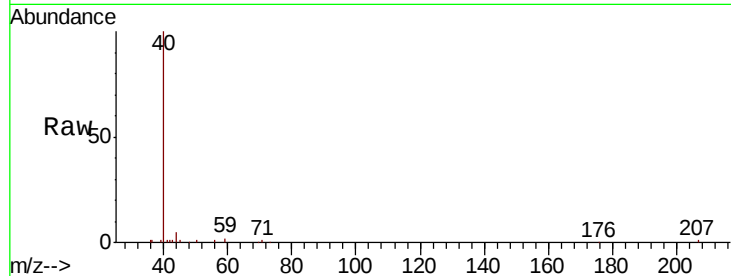


#11

Tert butyl alcohol
 Concen: 3.357 ug/l
 RT: 5.18 min Scan# 538
 Delta R.T. 0.02 min
 Lab File: VW009275.D
 Acq: 20 Mar 2019 08:41

Instrument :
 MSVOA_W
 ClientSampleId :
 20190084-FIELD-DUPLICATE

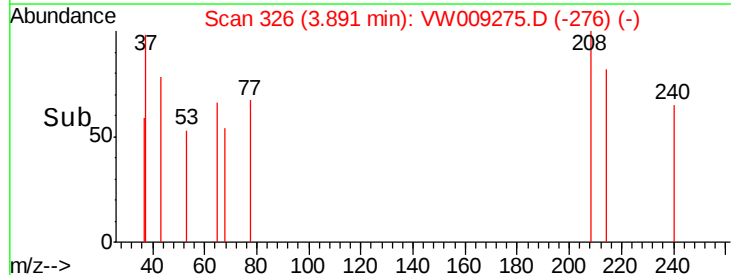
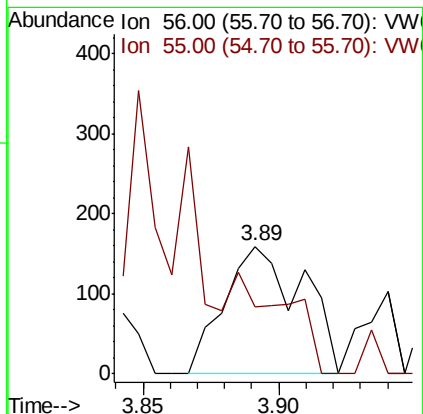
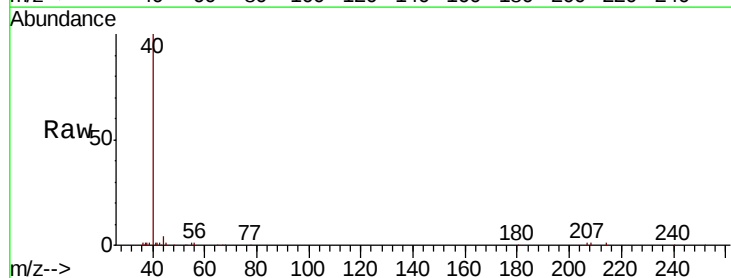
Tot Ion: 59 Resp: 629
 Ion Ratio Lower Upper
 59 100
 57 13.0 9.4 14.0

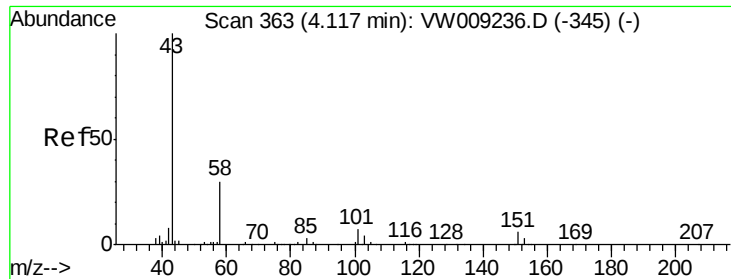


#13

Acrolein
 Concen: 2.066 ug/l
 RT: 3.89 min Scan# 326
 Delta R.T. 0.01 min
 Lab File: VW009275.D
 Acq: 20 Mar 2019 08:41

Tgt Ion: 56 Resp: 316
 Ion Ratio Lower Upper
 56 100
 55 0.0 55.2 82.8#

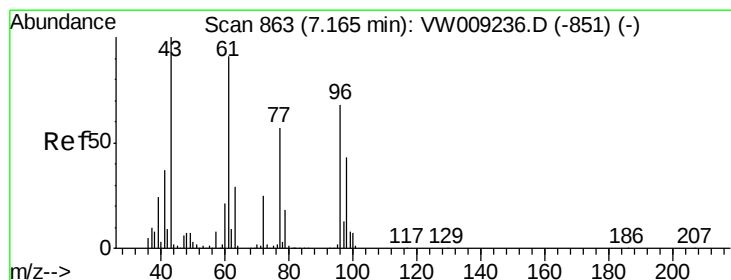
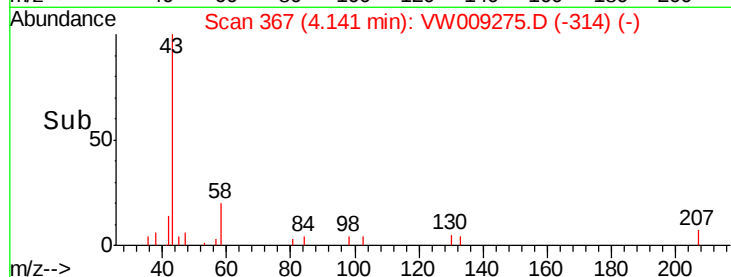
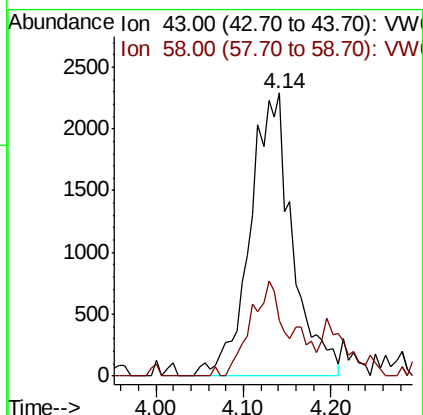
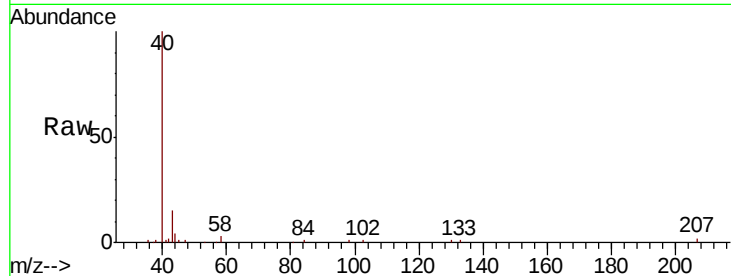




#16
Acetone
Concen: 11.592 ug/l
RT: 4.14 min Scan# 367
Delta R.T. 0.02 min
Lab File: VW009275.D
Acq: 20 Mar 2019 08:41

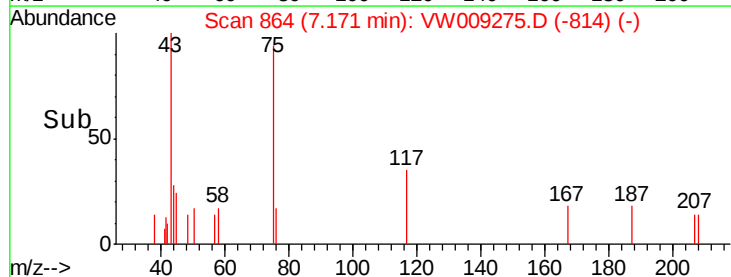
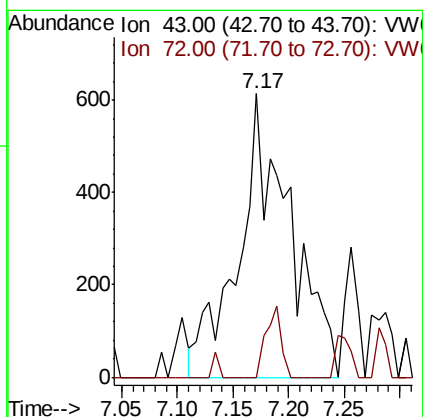
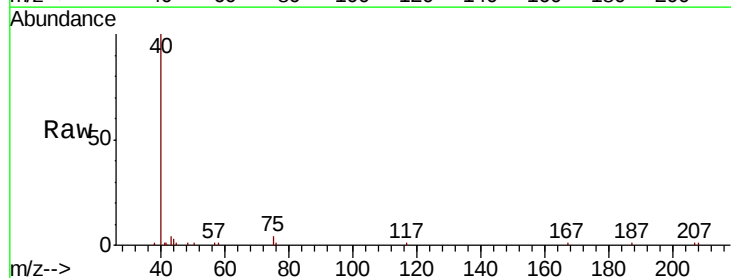
Instrument :
MSVOA_W
ClientSampleId :
20190084-FIELD-DUPLICATE

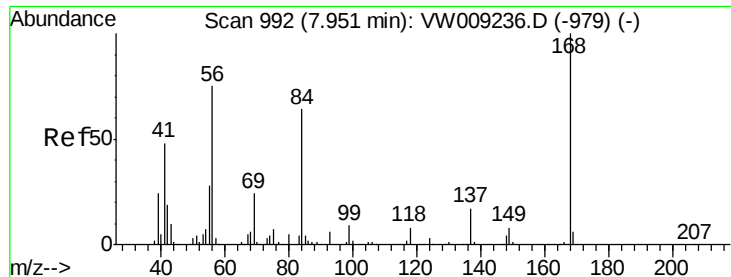
Tot Ion: 43 Resp: 7676
Ion Ratio Lower Upper
43 100
58 19.6 23.6 35.4#



#25
2-Butanone
Concen: 2.082 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW009275.D
Acq: 20 Mar 2019 08:41

Tgt Ion: 43 Resp: 1975
Ion Ratio Lower Upper
43 100
72 0.0 20.0 30.0#





#31

Cyclohexane

Concen: 1.580 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW009275.D

Acq: 20 Mar 2019 08:41

Instrument :

MSVOA_W

ClientSampleId :

20190084-FIELD-DUPLICATE

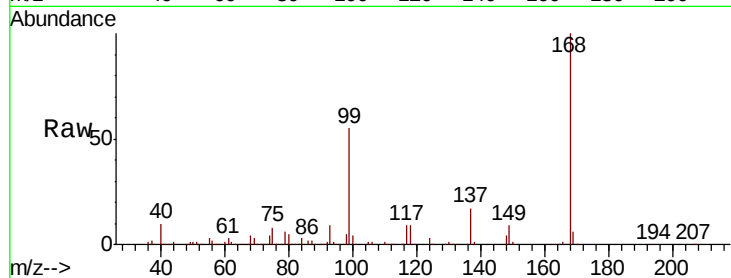
Tot Ion: 56 Resp: 8368

Ion Ratio Lower Upper

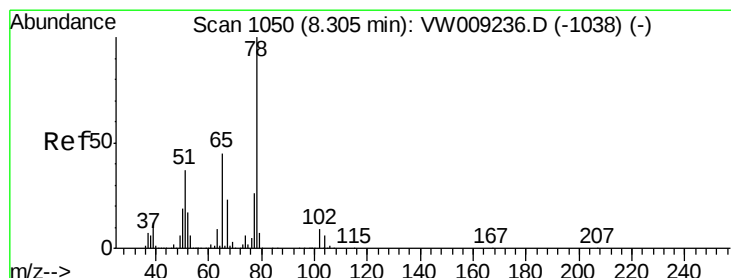
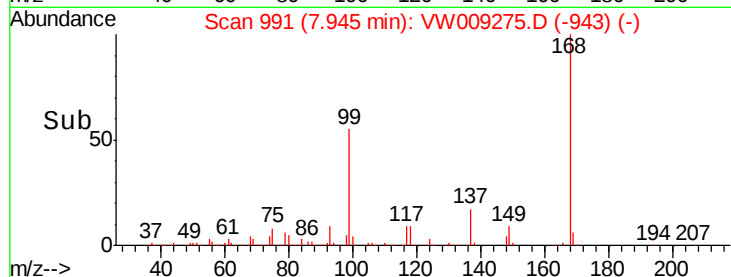
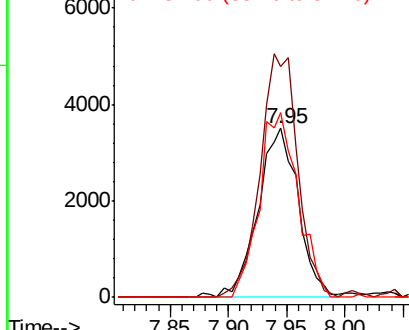
56 100

69 137.1 26.1 39.1#

84 109.1 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: 58.574 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW009275.D

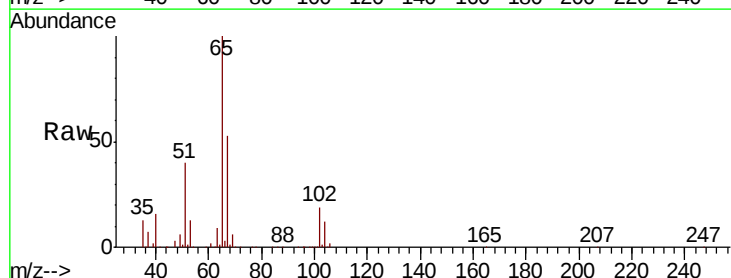
Acq: 20 Mar 2019 08:41

Tgt Ion: 65 Resp: 189042

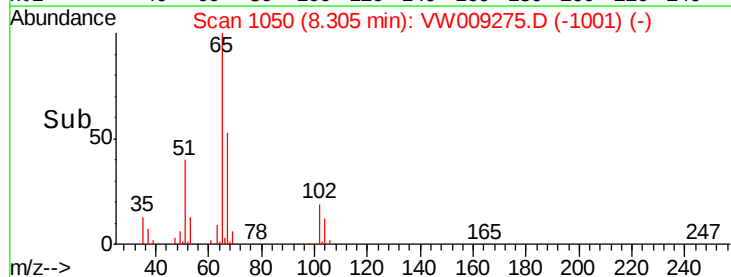
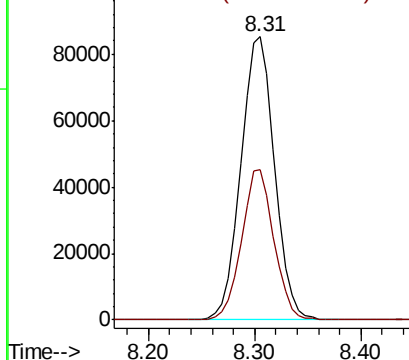
Ion Ratio Lower Upper

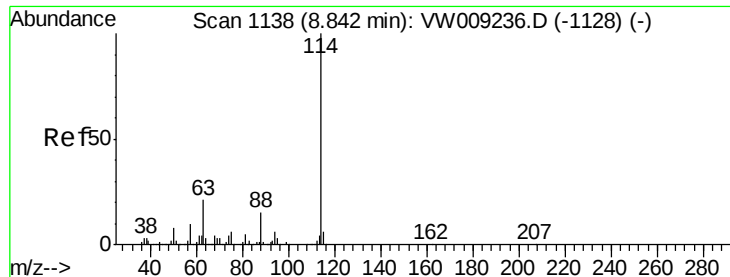
65 100

67 50.9 0.0 102.4



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

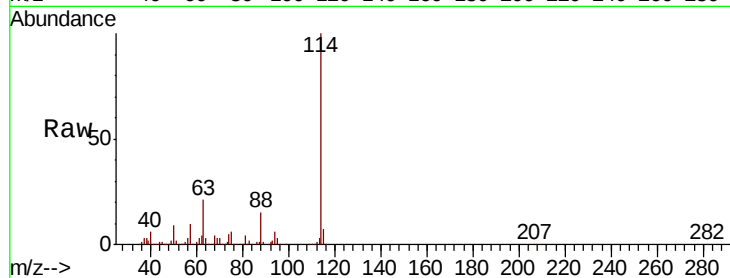




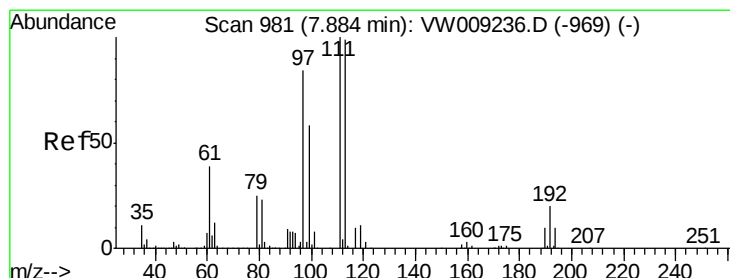
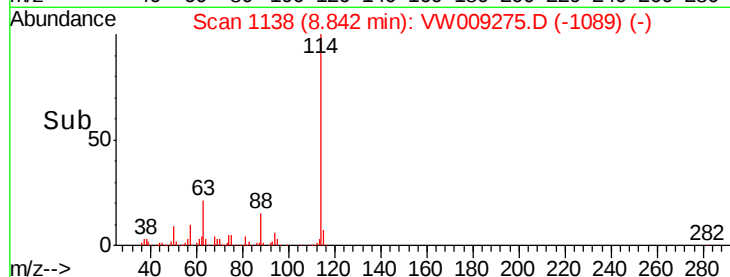
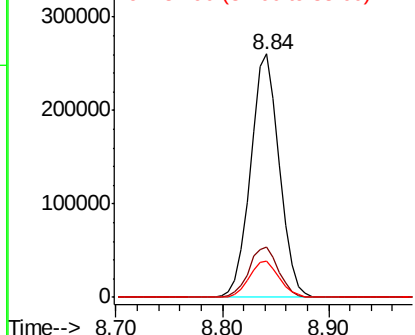
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW009275.D
 Acq: 20 Mar 2019 08:41

Instrument :
 MSVOA_W
 ClientSampleId :
 20190084-FIELD-DUPLICATE

Tot Ion:114 Resp: 494211
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.2
 88 14.9 0.0 30.8

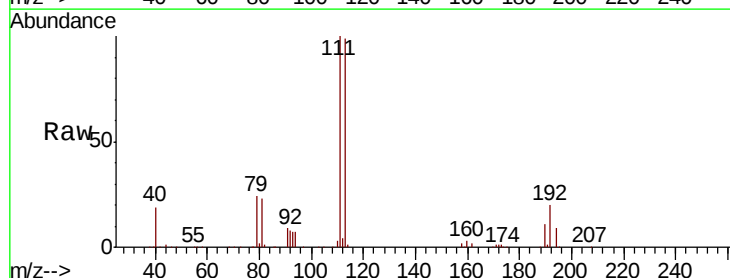


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

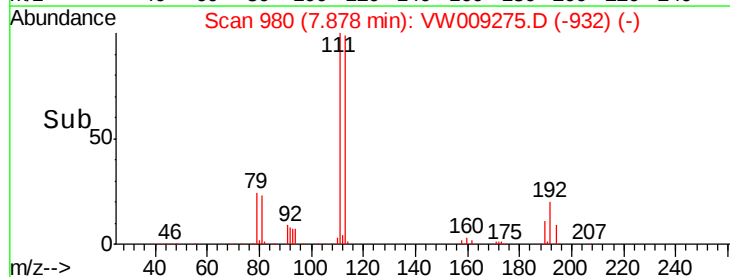
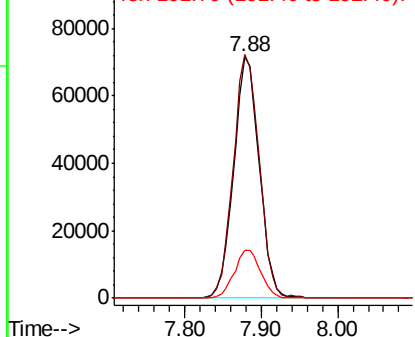


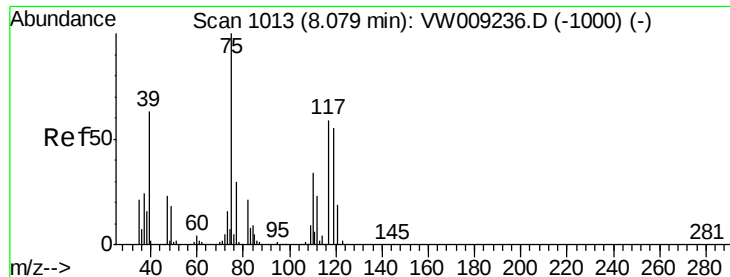
#35
 Dibromofluoromethane
 Concen: 52.587 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW009275.D
 Acq: 20 Mar 2019 08:41

Tgt Ion:113 Resp: 164859
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.6 124.0
 192 20.6 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

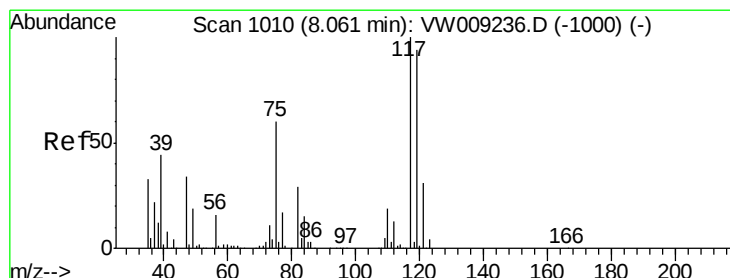
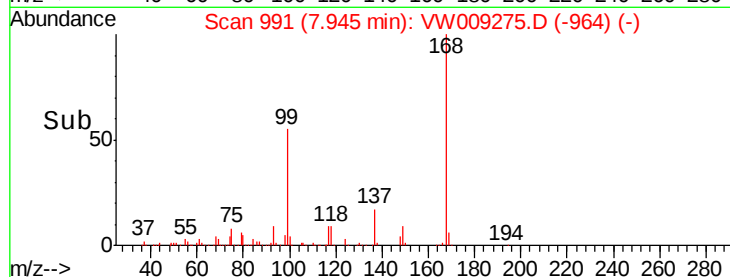
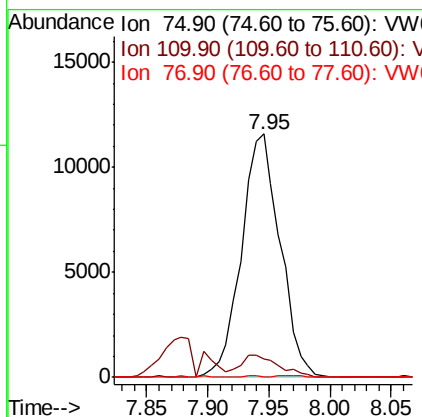
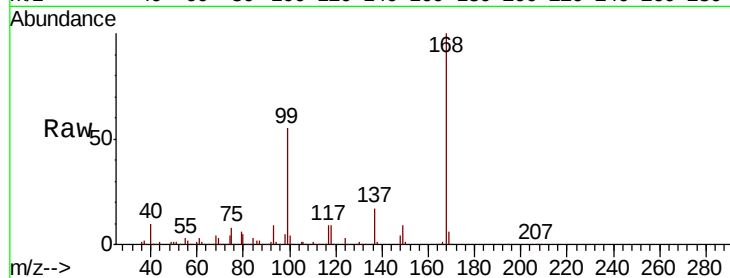




#36
 1,1-Dichloropropene
 Concen: 5.171 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW009275.D
 Acq: 20 Mar 2019 08:41

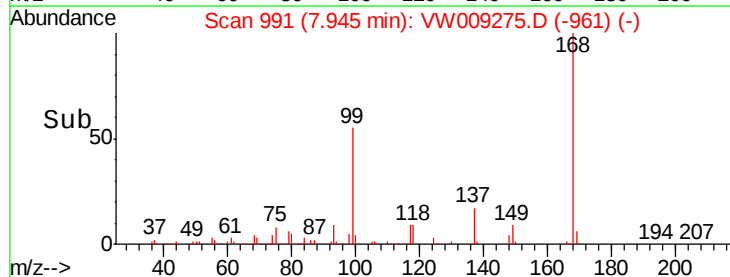
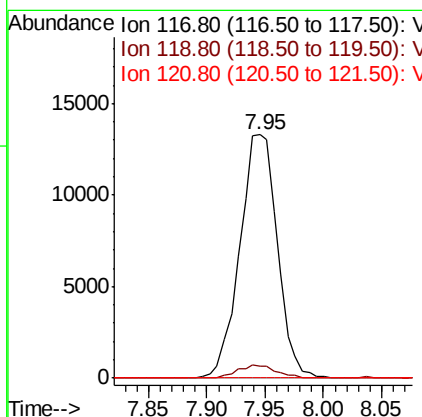
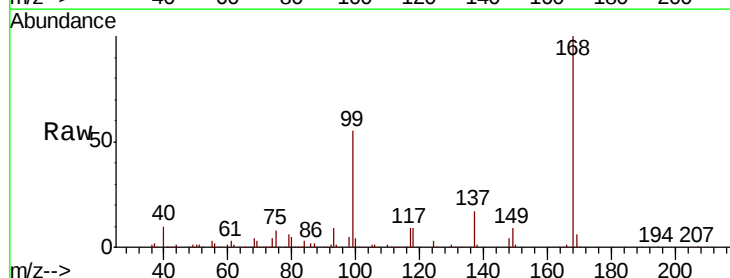
Instrument :
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 20190084-FIELD-DUPLICATE

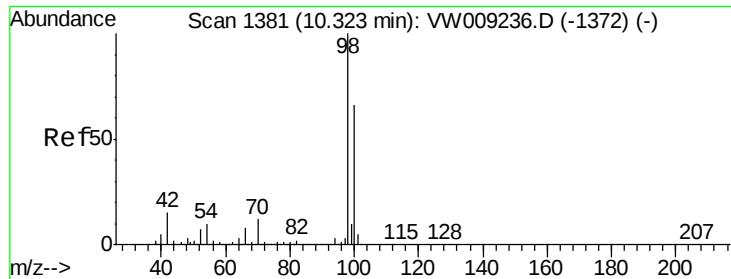
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.1	16.8	50.4#
77	0.2	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 5.747 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW009275.D
 Acq: 20 Mar 2019 08:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.7	75.4	113.0#
121	0.0	24.9	37.3#





#50

Toluene-d8

Concen: 53.095 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009275.D

Acq: 20 Mar 2019 08:41

Instrument :

MSVOA_W

ClientSampleId :

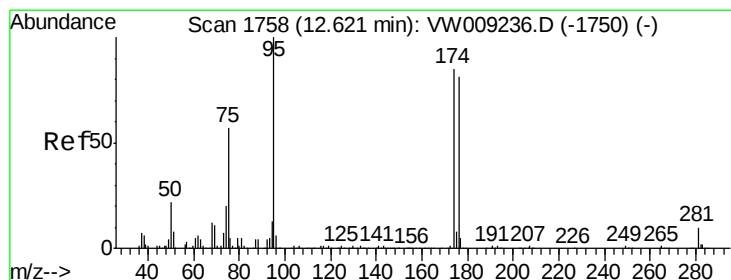
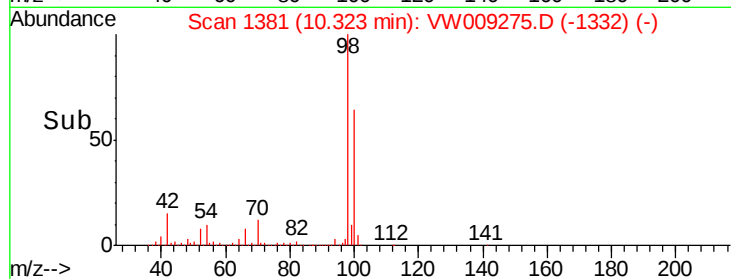
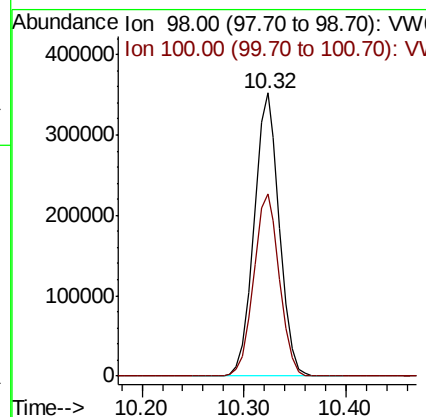
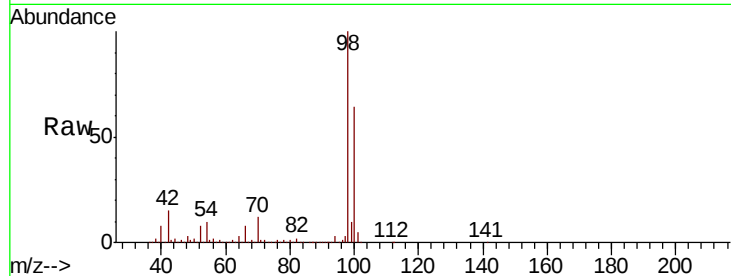
20190084-FIELD-DUPLICATE

Tot Ion: 98 Resp: 604899

Ion Ratio Lower Upper

98 100

100 65.7 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 50.177 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW009275.D

Acq: 20 Mar 2019 08:41

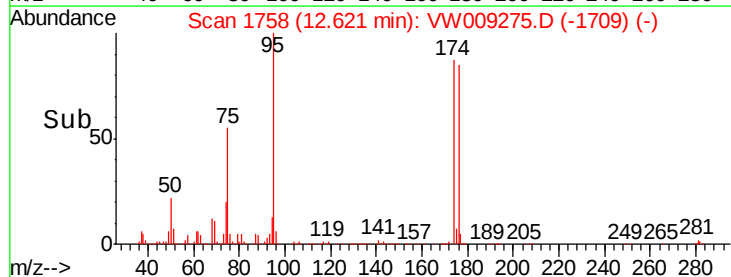
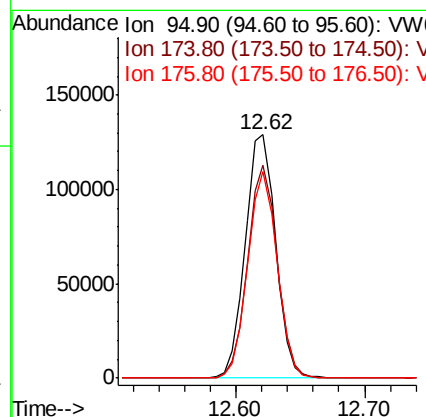
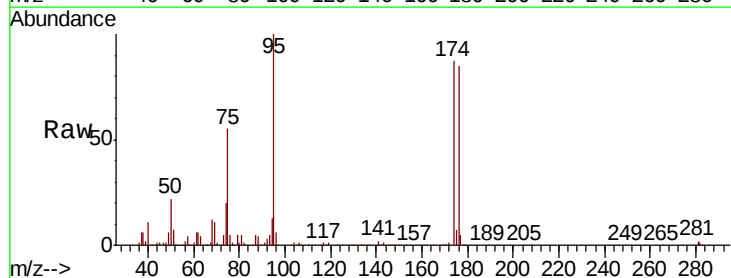
Tgt Ion: 95 Resp: 209895

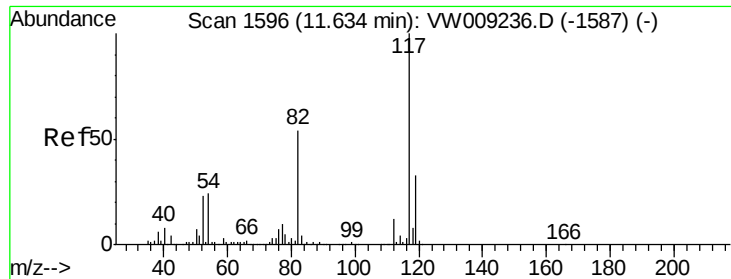
Ion Ratio Lower Upper

95 100

174 84.5 0.0 168.4

176 81.8 0.0 161.6

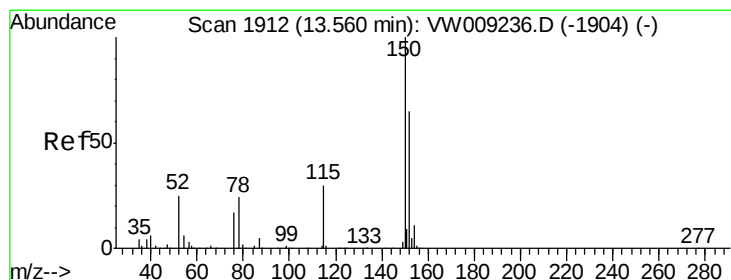
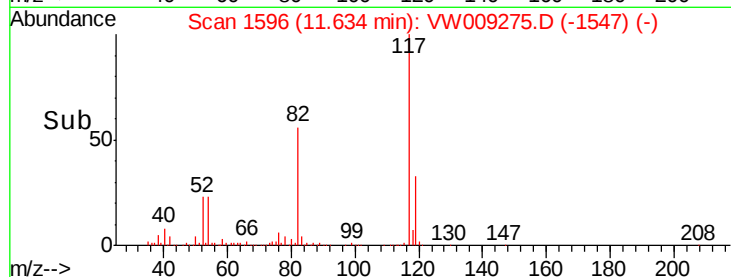
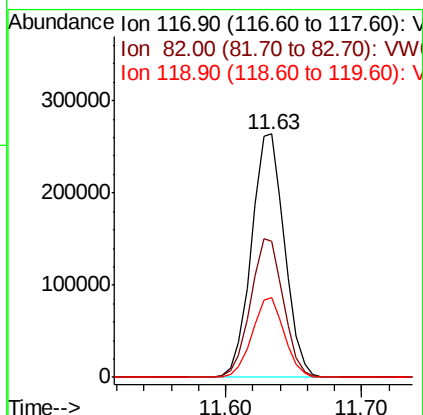
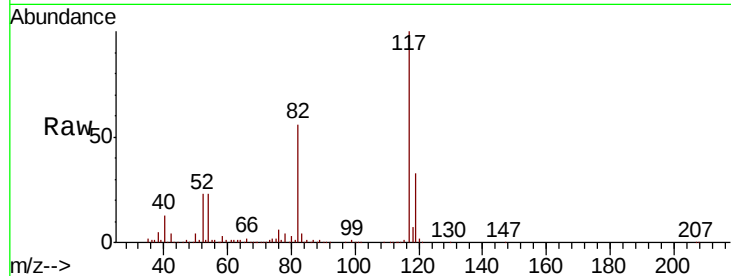




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW009275.D
Acq: 20 Mar 2019 08:41

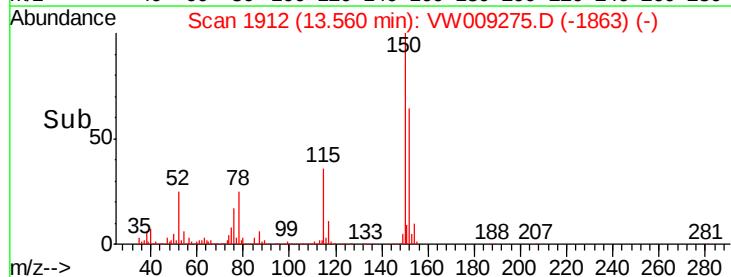
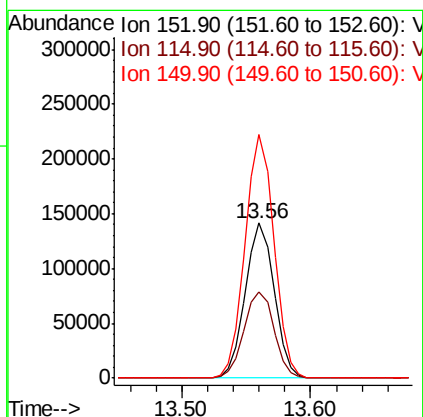
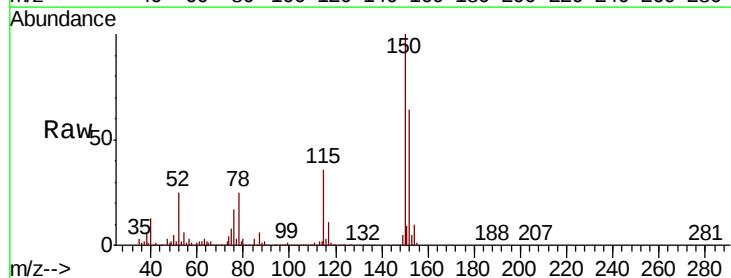
Instrument :
MSVOA_W
ClientSampleId :
20190084-FIELD-DUPLICATE

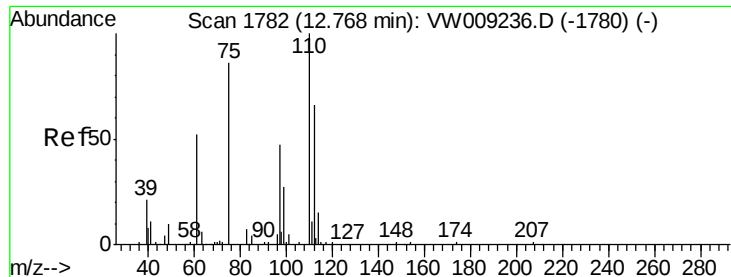
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	43.6	65.4
119	33.0	26.0	39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW009275.D
Acq: 20 Mar 2019 08:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.7	29.6	88.8
150	156.7	0.0	349.2





#76

1,2,3-Trichloropropane

Concen: 55.684 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW009275.D

Acq: 20 Mar 2019 08:41

Instrument :

MSVOA_W

ClientSampleId :

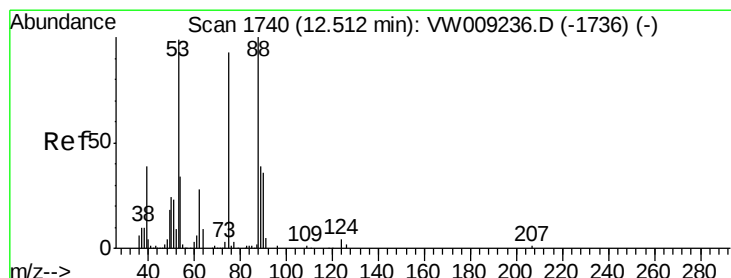
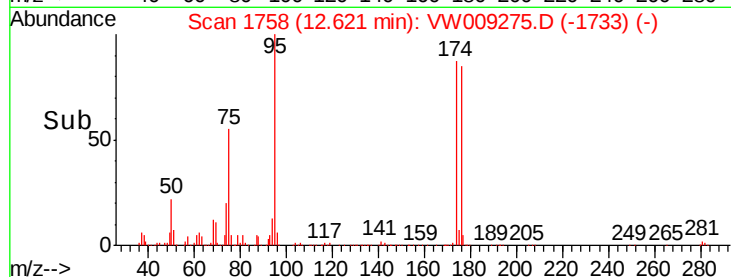
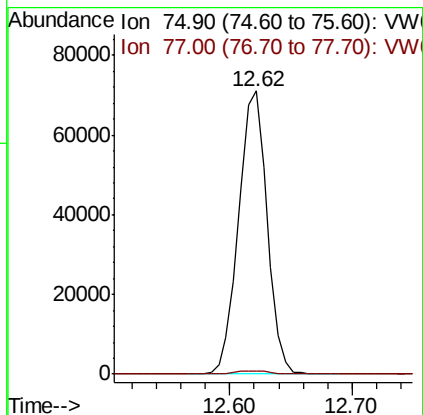
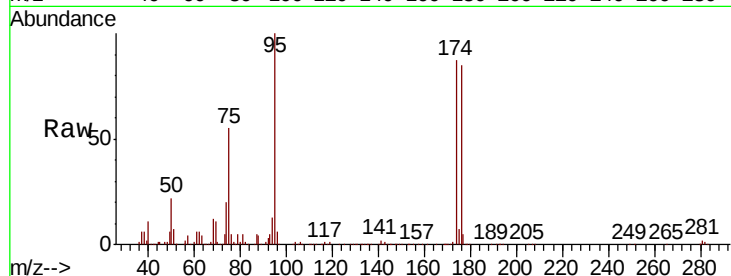
20190084-FIELD-DUPLICATE

Tot Ion: 75 Resp: 114897

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 136.634 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW009275.D

Acq: 20 Mar 2019 08:41

Tgt Ion: 75 Resp: 114897

Ion Ratio Lower Upper

75 100

53 0.0 86.7 130.1#

89 0.0 36.4 54.6#

