

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW031119\
 Data File : VW009083.D
 Acq On : 11 Mar 2019 13:44
 Operator : SY/VA
 Sample : K1785-06RE
 Misc : 6.01G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 2019-03-05-DUP2-SDRE

Quant Time: Mar 12 08:11:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	266240	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	419210	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	385300	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	180069	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	163949	61.21	ug/l	0.00
Spiked Amount			Recovery	=	122.42%	
35) Dibromofluoromethane	7.88	113	131368	52.05	ug/l	0.00
Spiked Amount			Recovery	=	104.10%	
50) Toluene-d8	10.32	98	509131	49.11	ug/l	0.00
Spiked Amount			Recovery	=	98.22%	
62) 4-Bromofluorobenzene	12.62	95	172973	42.39	ug/l	0.00
Spiked Amount			Recovery	=	84.78%	

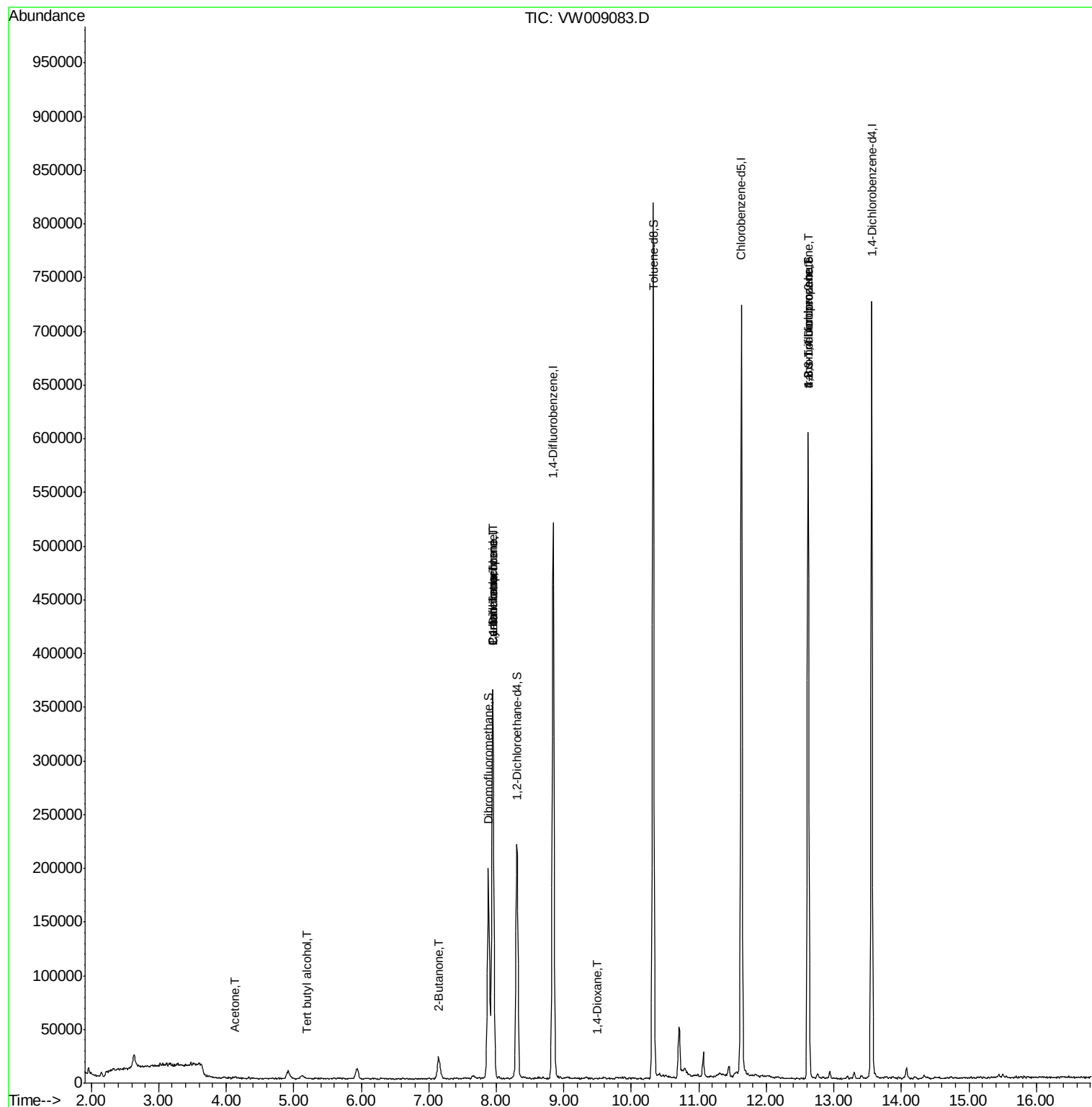
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	461	2.246	ug/l	99
16) Acetone	4.12	43	1503	2.487	ug/l	92
20) Methylene Chloride	4.92	84	4596	Below Cal		88
25) 2-Butanone	7.15	43	915	1.095	ug/l #	50
31) Cyclohexane	7.95	56	6823	1.366	ug/l #	46
36) 1,1-Dichloropropene	7.95	75	20852	4.757	ug/l #	51
38) Carbon Tetrachloride	7.95	117	26237	5.796	ug/l #	18
49) 1,4-Dioxane	9.50	88	42	1.833	ug/l #	21
76) 1,2,3-Trichloropropane	12.62	75	92306	64.881	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	92306	145.122	ug/l #	5

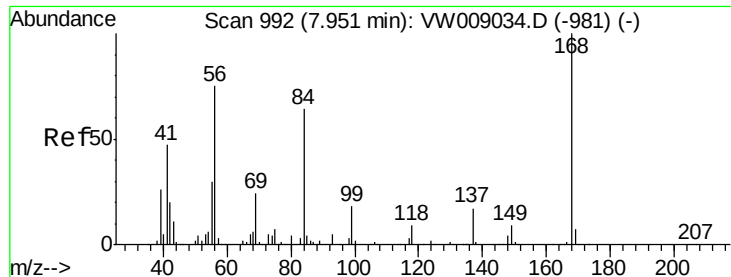
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW031119\
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Quant Title : SW846 8260
QLast Update : Fri Mar 08 05:22:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW009083.D

Acq: 11 Mar 2019 13:44

Instrument :

MSVOA_W

ClientSampleId :

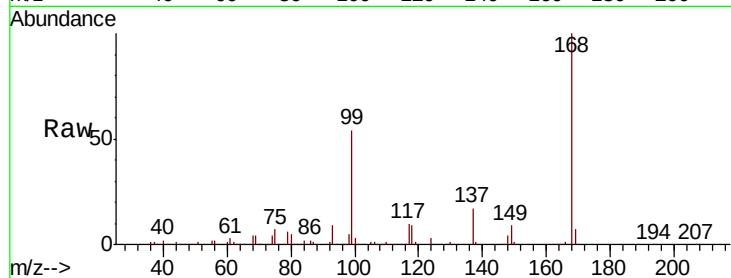
2019-03-05-DUP2-SDRE

Tgt Ion: 168 Resp: 266240

Ion Ratio Lower Upper

168 100

99 53.8 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

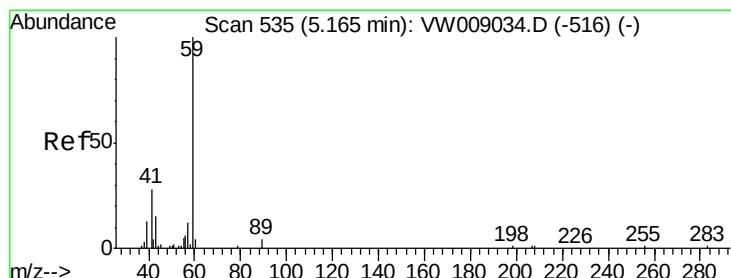
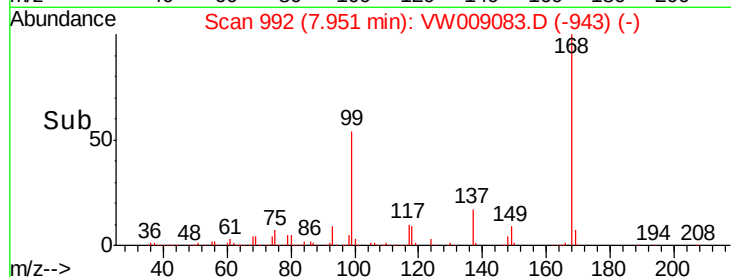
100000

50000

0

Time-->

7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 2.246 ug/l

RT: 5.20 min Scan# 540

Delta R.T. 0.03 min

Lab File: VW009083.D

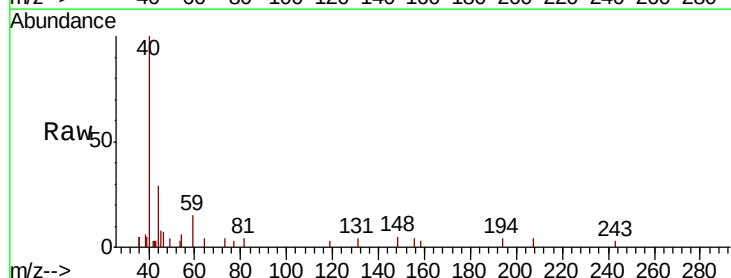
Acq: 11 Mar 2019 13:44

Tgt Ion: 59 Resp: 461

Ion Ratio Lower Upper

59 100

57 10.2 8.6 12.8



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.20

600

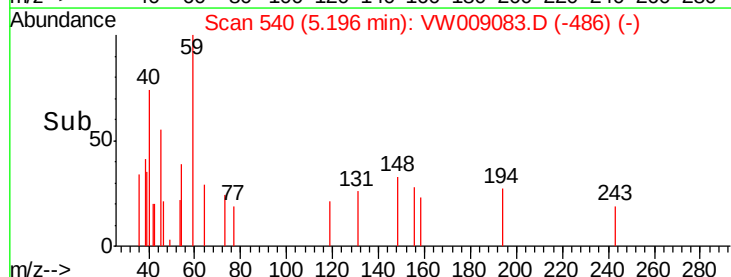
400

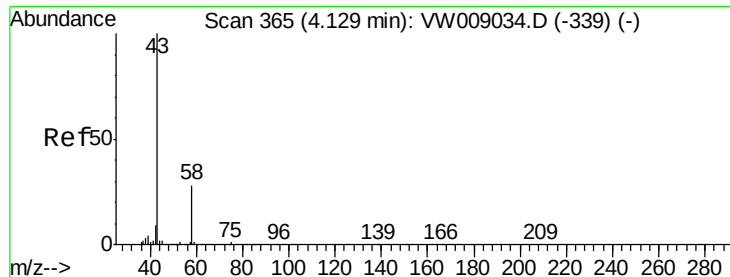
200

0

Time-->

5.20 5.25

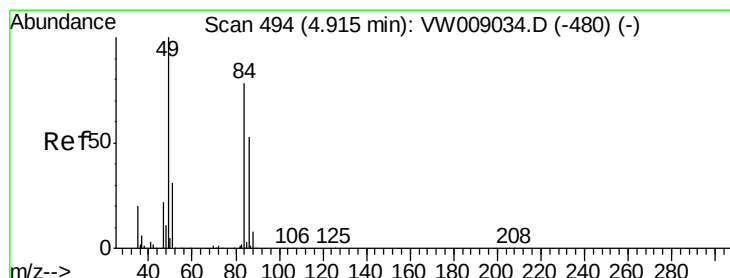
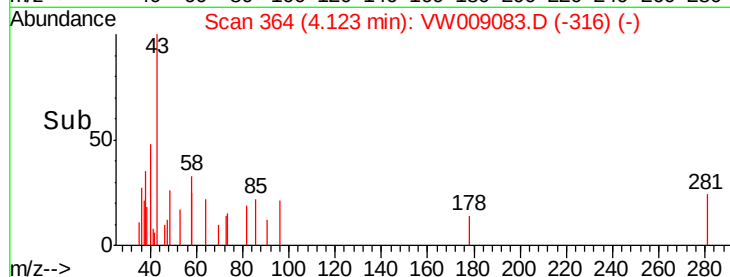
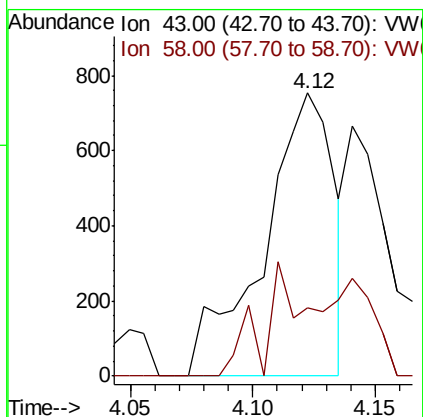
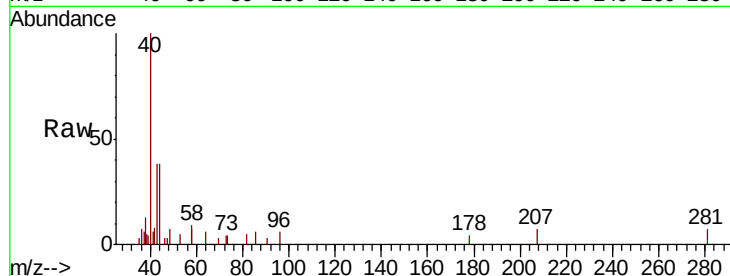




#16
Acetone
Concen: 2.487 ug/l
RT: 4.12 min Scan# 364
Delta R.T. -0.01 min
Lab File: VW009083.D
Acq: 11 Mar 2019 13:44

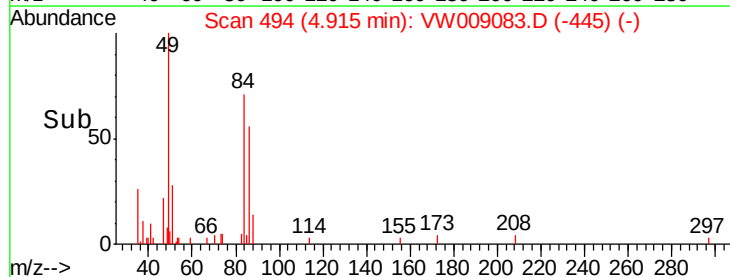
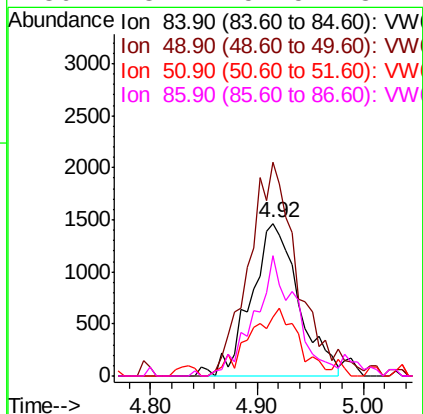
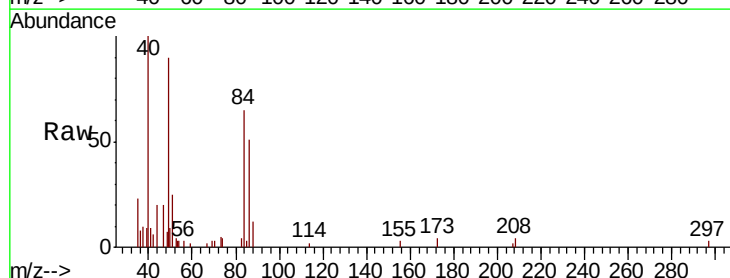
Instrument :
MSVOA_W
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2019-03-05-DUP2-SDRE

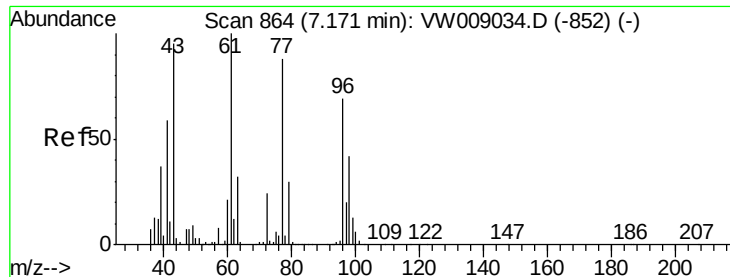
Tgt Ion: 43 Resp: 1503
Ion Ratio Lower Upper
43 100
58 23.9 22.5 33.7



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009083.D
Acq: 11 Mar 2019 13:44

Tgt Ion: 84 Resp: 4596
Ion Ratio Lower Upper
84 100
49 140.2 102.4 153.6
51 31.7 31.6 47.4
86 78.7 54.5 81.7





#25

2-Butanone

Concen: 1.095 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW009083.D

Acq: 11 Mar 2019 13:44

Instrument :

MSVOA_W

ClientSampleId :

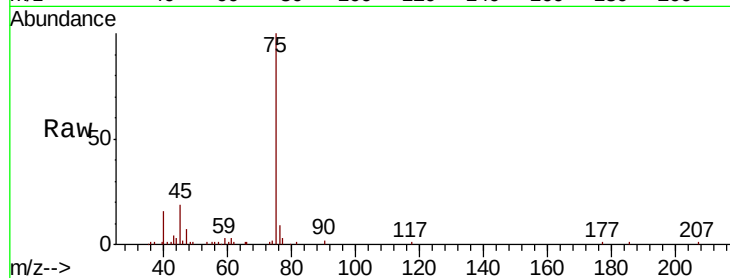
2019-03-05-DUP2-SDRE

Tgt Ion: 43 Resp: 915

Ion Ratio Lower Upper

43 100

72 0.0 20.0 30.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

600

500

400

300

200

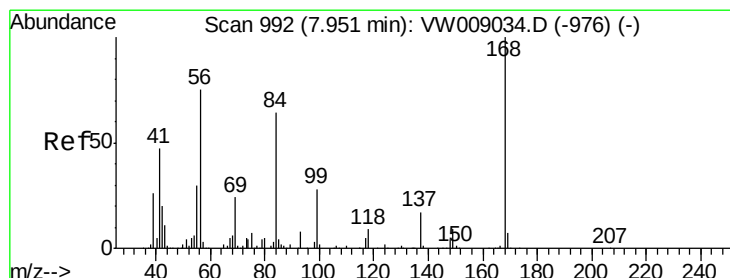
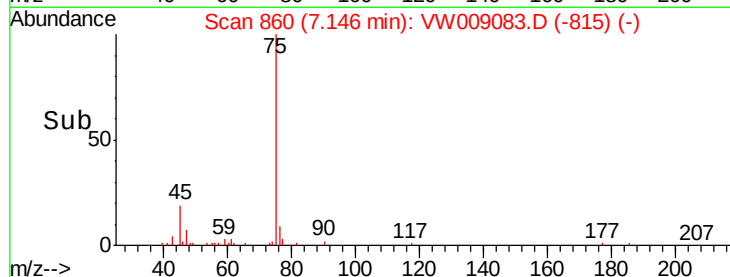
100

0

7.10

7.15

Time-->



#31

Cyclohexane

Concen: 1.366 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW009083.D

Acq: 11 Mar 2019 13:44

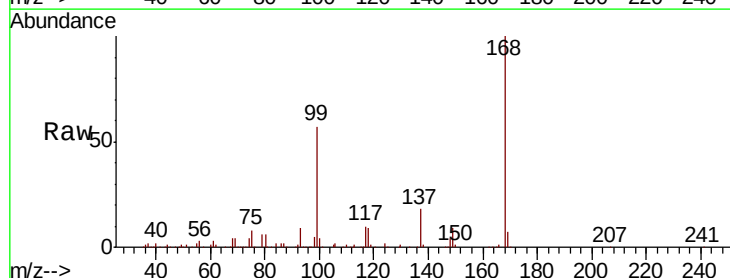
Tgt Ion: 56 Resp: 6823

Ion Ratio Lower Upper

56 100

69 135.9 25.5 38.3#

84 90.4 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

6000

4000

2000

0

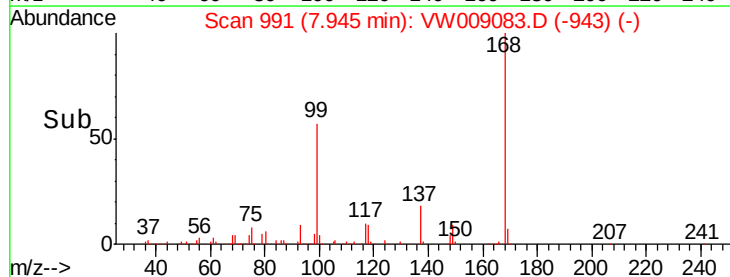
7.85

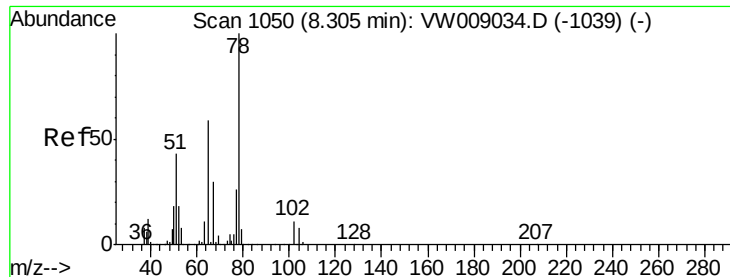
7.90

7.95

8.00

Time-->

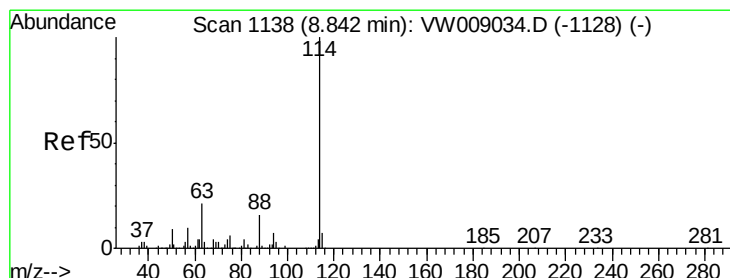
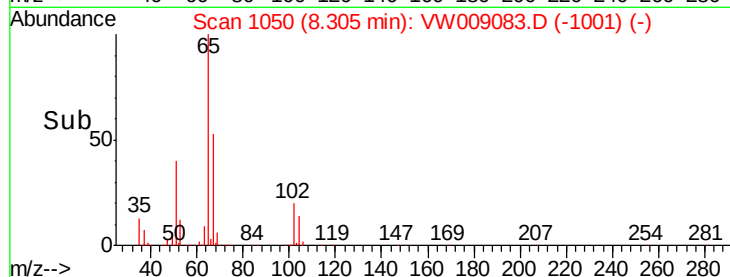
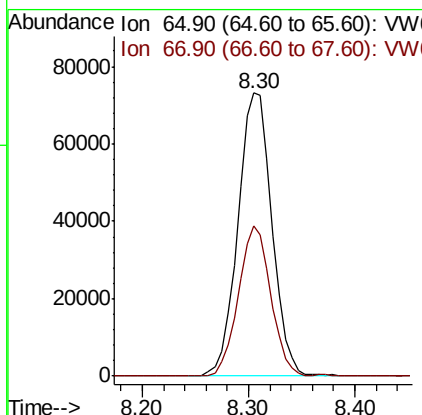
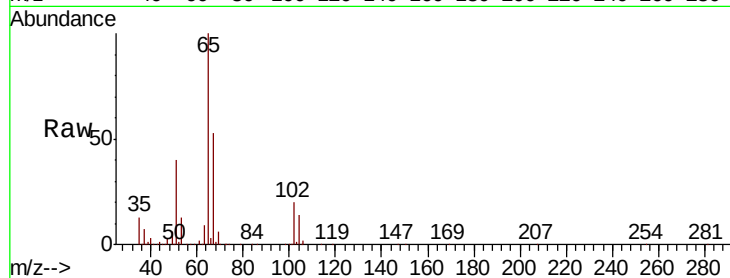




#33
 1,2-Dichloroethane-d4
 Concen: 61.206 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW009083.D
 Acq: 11 Mar 2019 13:44

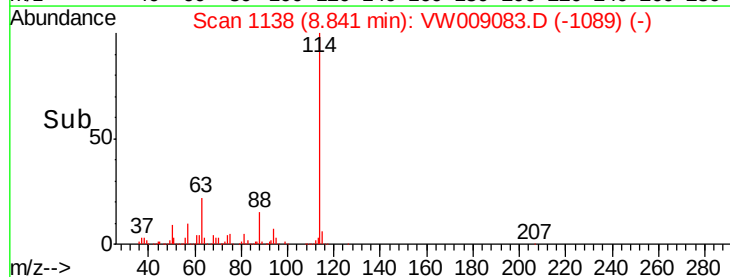
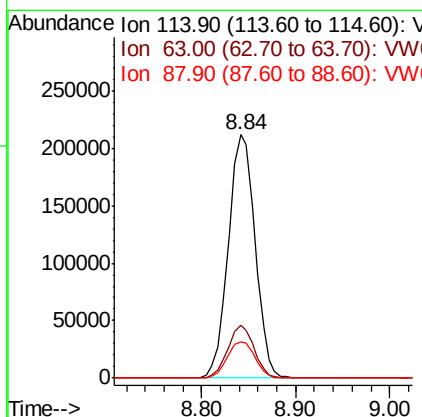
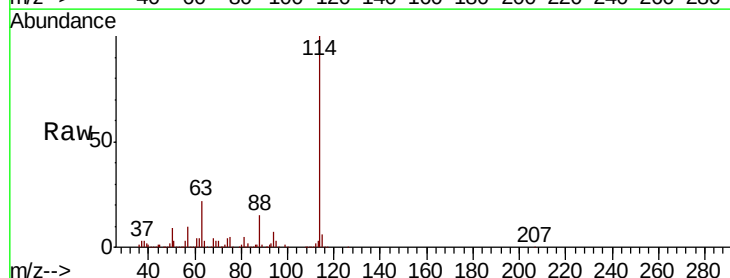
Instrument :
 MSVOA_W
 ClientSampleId :
 2019-03-05-DUP2-SDRE

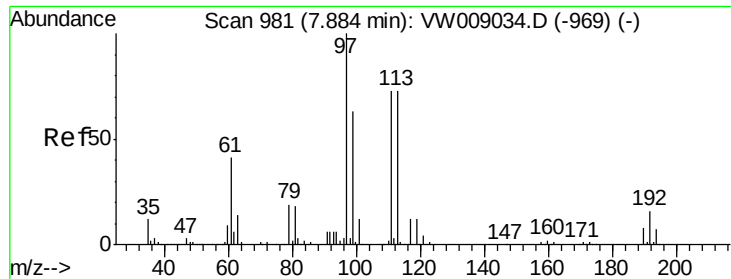
Tgt Ion: 65 Resp: 163949
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW009083.D
 Acq: 11 Mar 2019 13:44

Tgt Ion: 114 Resp: 419210
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 41.2
 88 15.1 0.0 31.2

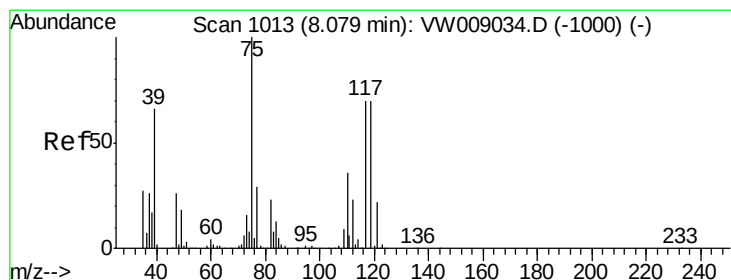
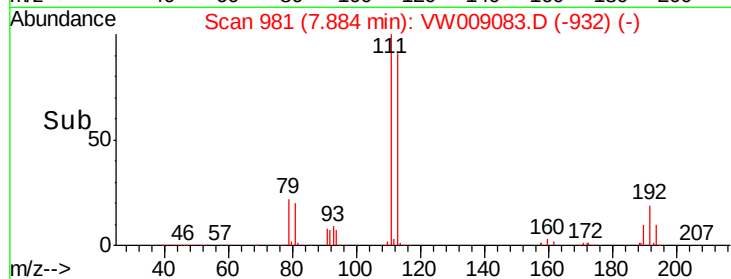
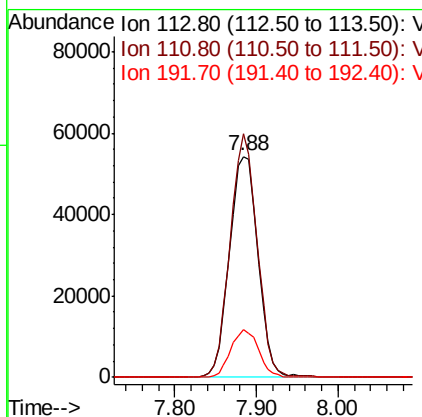
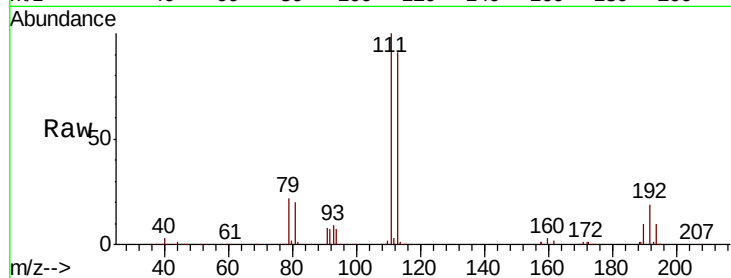




#35
 Dibromofluoromethane
 Concen: 52.047 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW009083.D
 Acq: 11 Mar 2019 13:44

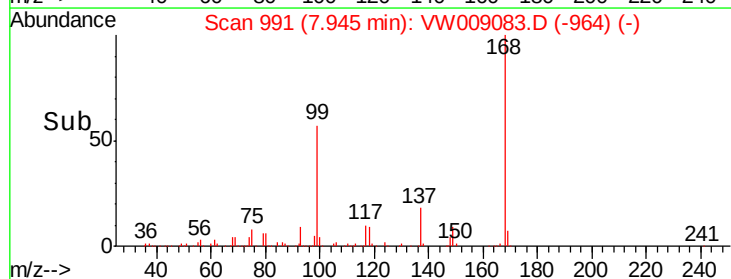
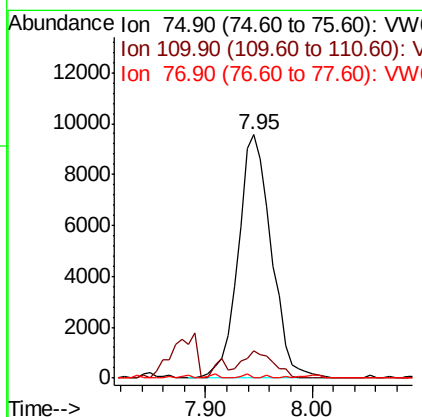
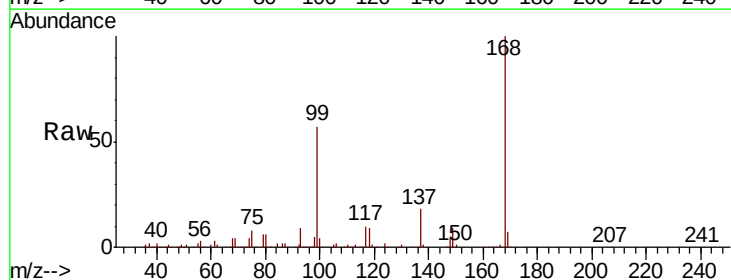
Instrument :
 MSVOA_W
 ClientSampleId :
 2019-03-05-DUP2-SDRE

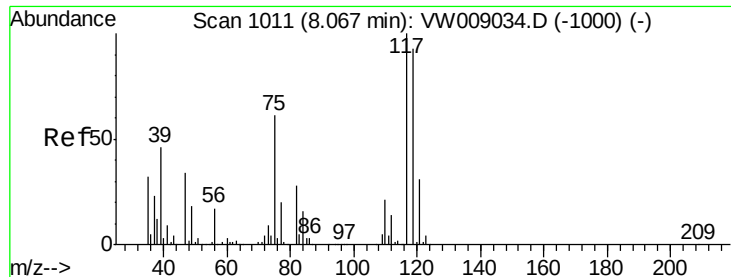
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.0	121.4
192	21.1	17.1	25.7



#36
 1,1-Dichloropropene
 Concen: 4.757 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW009083.D
 Acq: 11 Mar 2019 13:44

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.7	17.6	52.9#
77	0.4	25.1	37.7#





#38

Carbon Tetrachloride

Concen: 5.796 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW009083.D

Acq: 11 Mar 2019 13:44

Instrument :

MSVOA_W

ClientSampleId :

2019-03-05-DUP2-SDRE

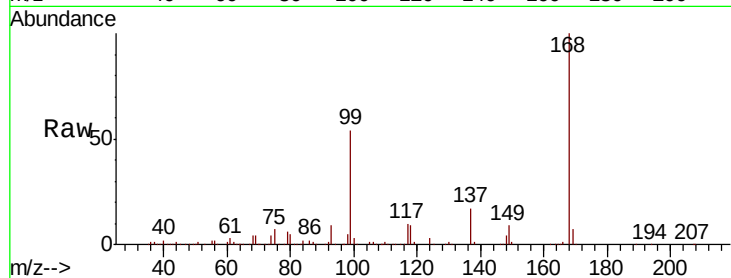
Tgt Ion:117 Resp: 26237

Ion Ratio Lower Upper

117 100

119 5.8 74.6 112.0#

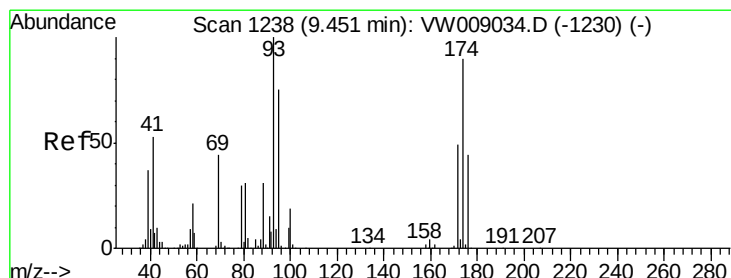
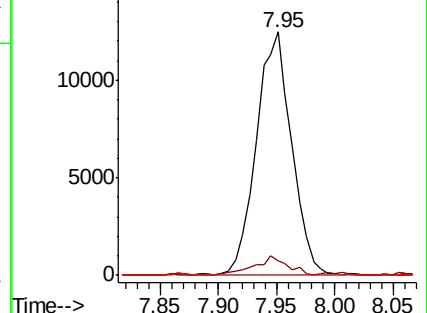
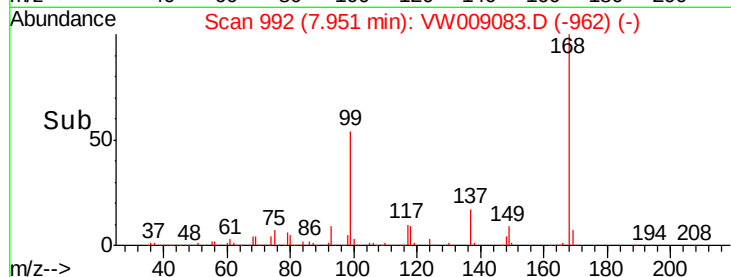
121 0.0 24.7 37.1#



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: 1.833 ug/l

RT: 9.50 min Scan# 1246

Delta R.T. 0.05 min

Lab File: VW009083.D

Acq: 11 Mar 2019 13:44

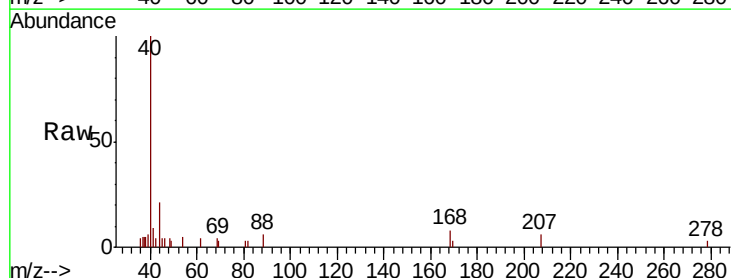
Tgt Ion: 88 Resp: 42

Ion Ratio Lower Upper

88 100

43 0.0 29.0 43.4#

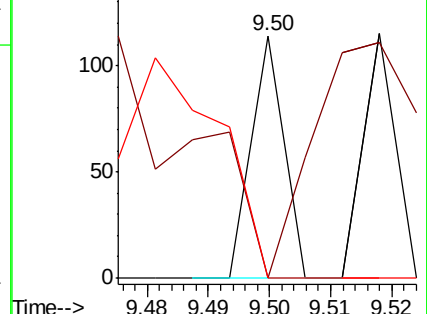
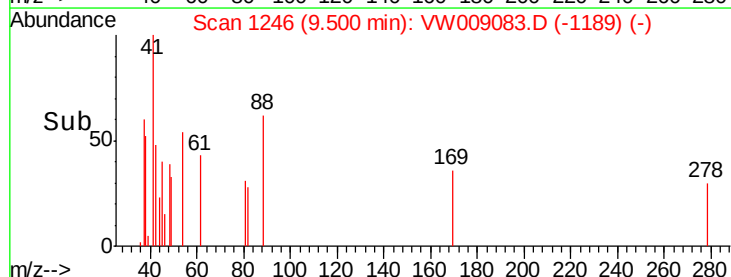
58 0.0 59.2 88.8#

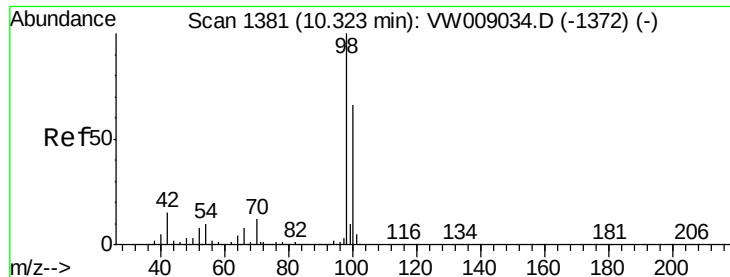


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#50

Toluene-d8

Concen: 49.113 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW009083.D

Acq: 11 Mar 2019 13:44

Instrument :

MSVOA_W

ClientSampleId :

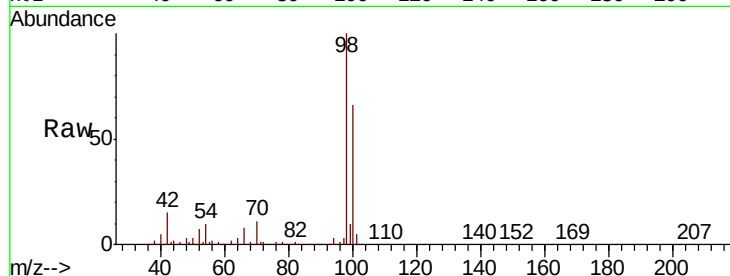
2019-03-05-DUP2-SDRE

Tgt Ion: 98 Resp: 509131

Ion Ratio Lower Upper

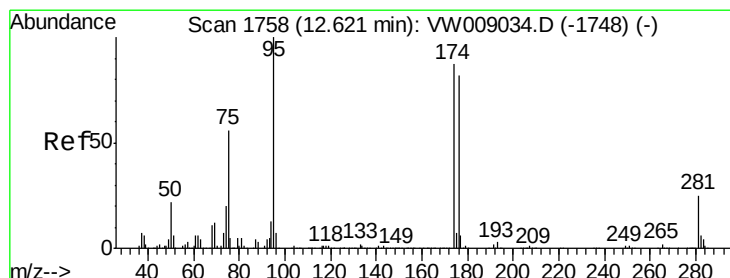
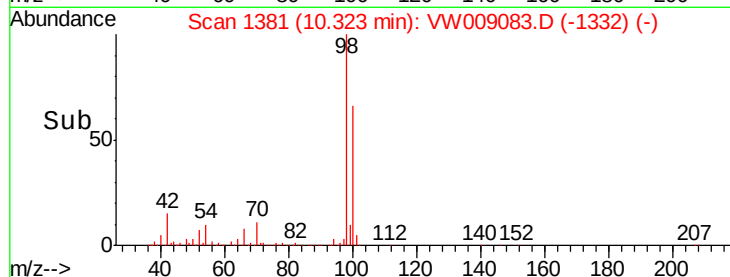
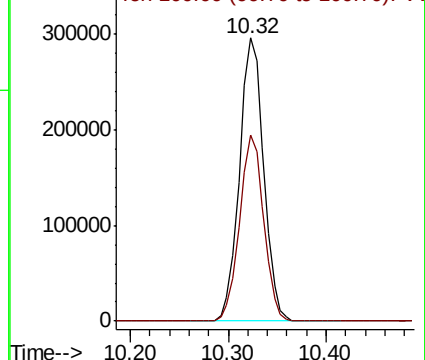
98 100

100 65.4 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 42.386 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW009083.D

Acq: 11 Mar 2019 13:44

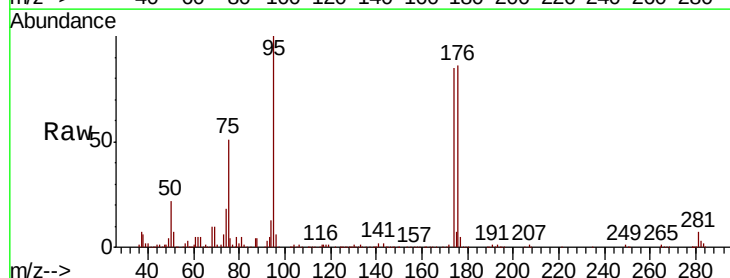
Tgt Ion: 95 Resp: 172973

Ion Ratio Lower Upper

95 100

174 84.2 0.0 167.0

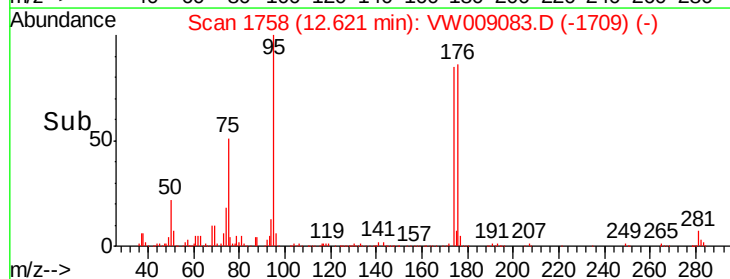
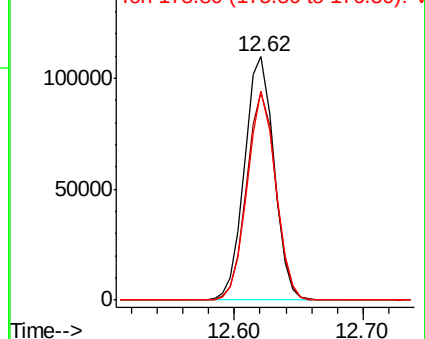
176 82.8 0.0 159.4

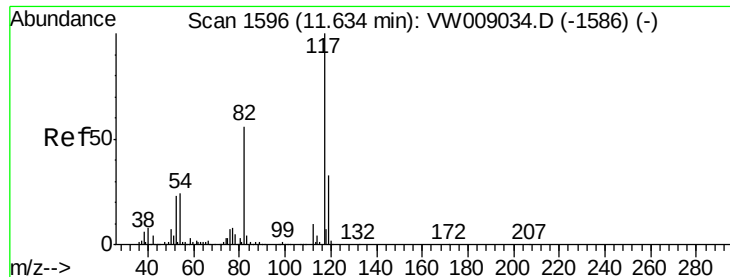


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

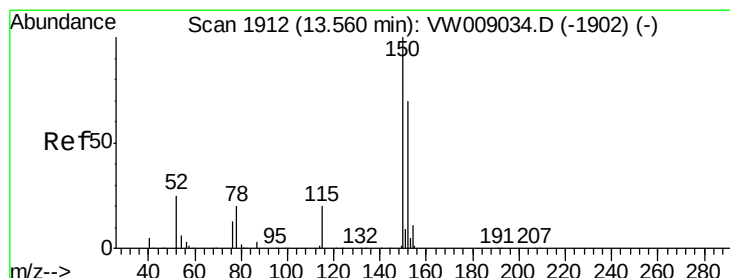
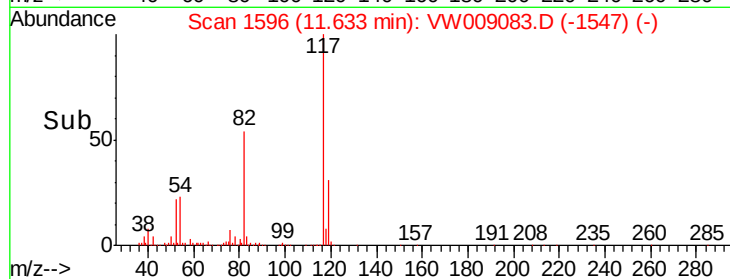
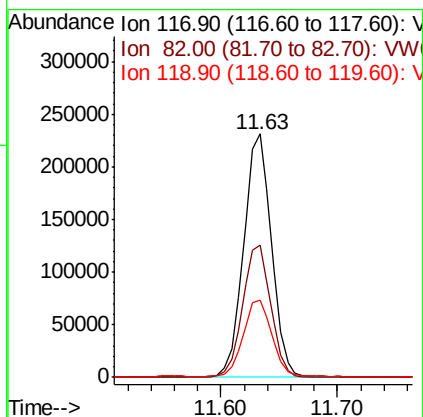
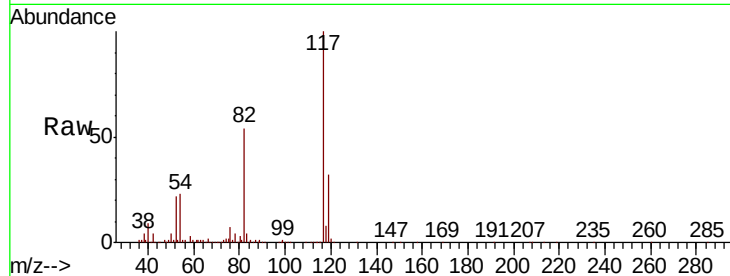




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW009083.D
Acq: 11 Mar 2019 13:44

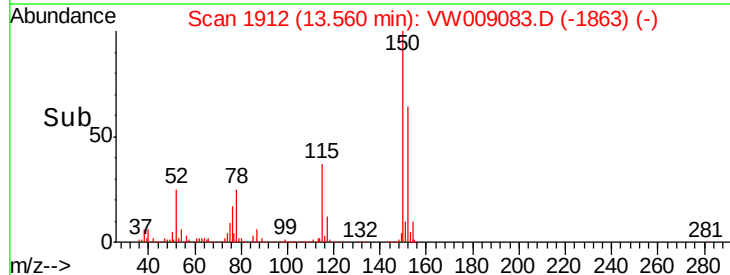
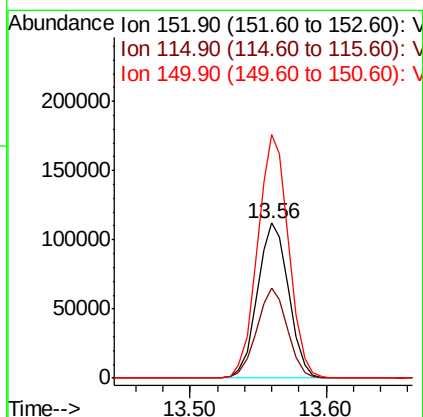
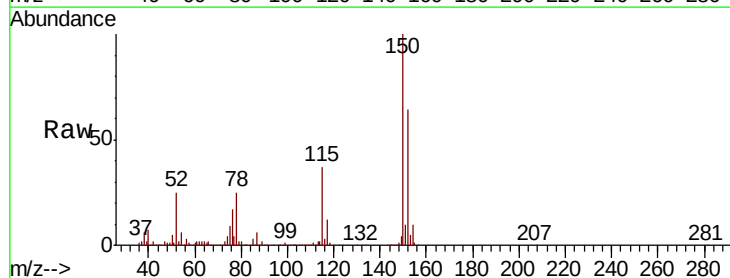
Instrument :
MSVOA_W
ClientSampleId :
2019-03-05-DUP2-SDRE

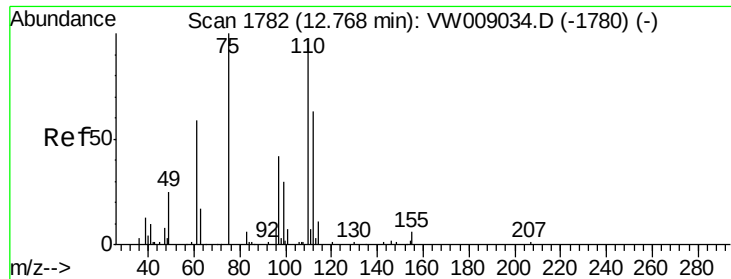
Tgt Ion:117 Resp: 385300
Ion Ratio Lower Upper
117 100
82 54.4 45.0 67.6
119 31.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW009083.D
Acq: 11 Mar 2019 13:44

Tgt Ion:152 Resp: 180069
Ion Ratio Lower Upper
152 100
115 56.9 28.9 86.7
150 155.8 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 64.881 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW009083.D

Acq: 11 Mar 2019 13:44

Instrument :

MSVOA_W

ClientSampleId :

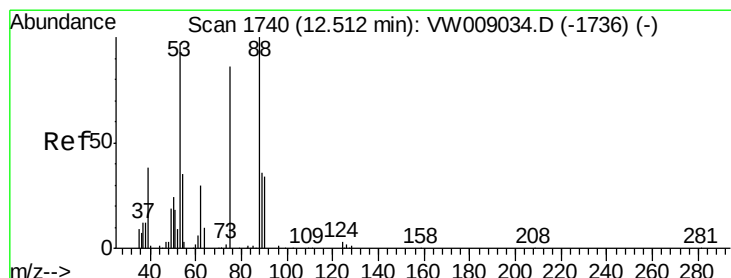
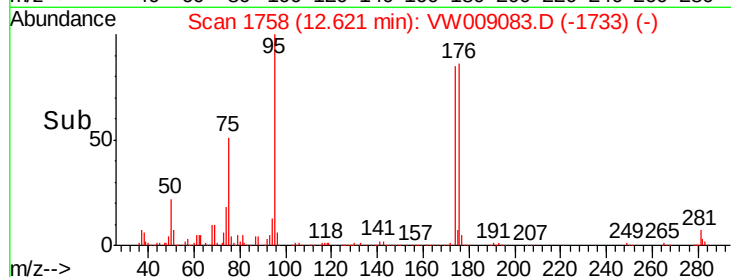
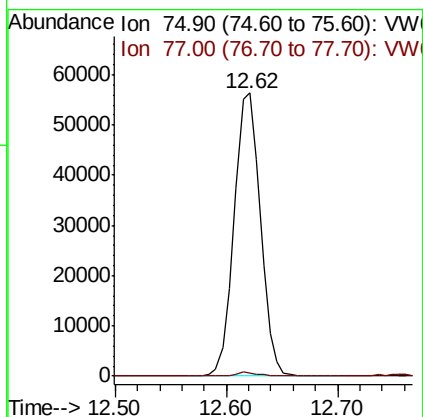
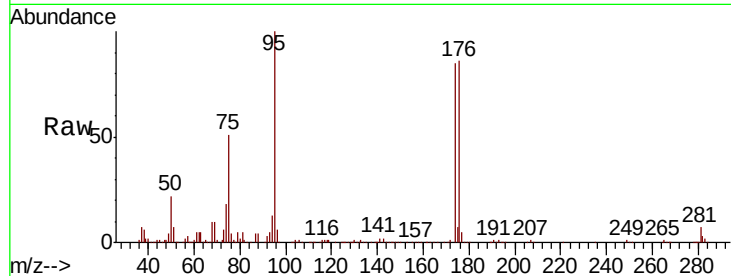
2019-03-05-DUP2-SDRE

Tgt Ion: 75 Resp: 92306

Ion Ratio Lower Upper

75 100

77 1.2 186.7 560.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 145.122 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW009083.D

Acq: 11 Mar 2019 13:44

Tgt Ion: 75 Resp: 92306

Ion Ratio Lower Upper

75 100

53 0.2 90.5 135.7#

89 0.2 37.5 56.3#

