

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102319\
 Data File : VW013668.D
 Acq On : 23 Oct 2019 15:35
 Operator : SY/VA
 Sample : VW1023SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 24 07:25:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	357907	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	503180	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	428818	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	208763	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	138106	51.44	ug/l	0.00
Spiked Amount			Recovery	=	102.88%	
35) Dibromofluoromethane	7.88	113	146939	52.55	ug/l	0.00
Spiked Amount			Recovery	=	105.10%	
50) Toluene-d8	10.32	98	605465	53.14	ug/l	0.00
Spiked Amount			Recovery	=	106.28%	
62) 4-Bromofluorobenzene	12.62	95	194635	50.45	ug/l	0.00
Spiked Amount			Recovery	=	100.90%	

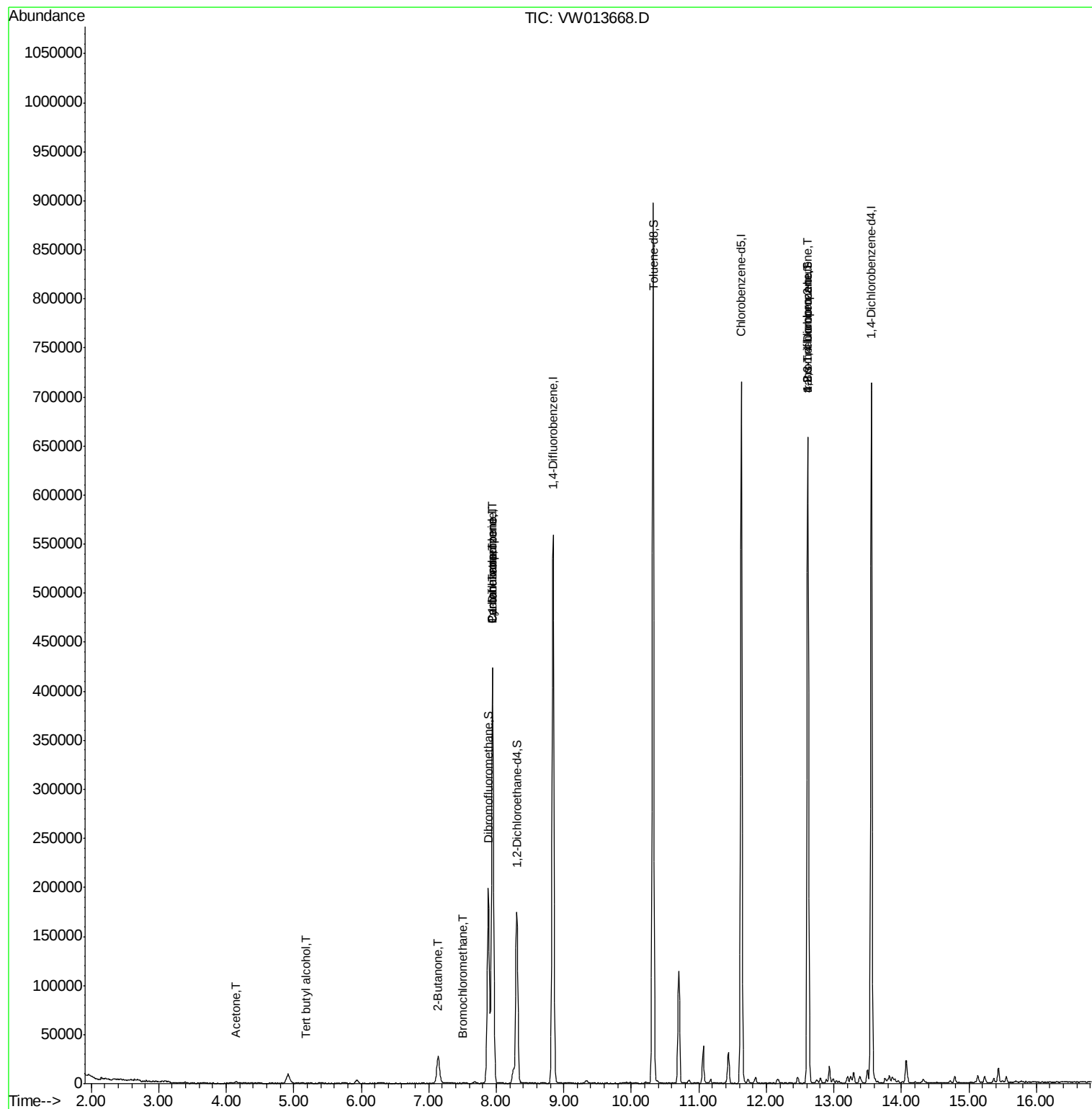
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	199	1.242	ug/l #	71
16) Acetone	4.15	43	3548	6.232	ug/l	99
20) Methylene Chloride	4.92	84	8017	Below Cal	#	90
25) 2-Butanone	7.14	43	1387	1.695	ug/l #	82
28) Bromochloromethane	7.51	49	124	1.400	ug/l #	7
31) Cyclohexane	7.95	56	6200	1.039	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	21523	4.593	ug/l #	48
38) Carbon Tetrachloride	7.95	117	30005	7.110	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	91754	61.202	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	91754	115.662	ug/l #	14

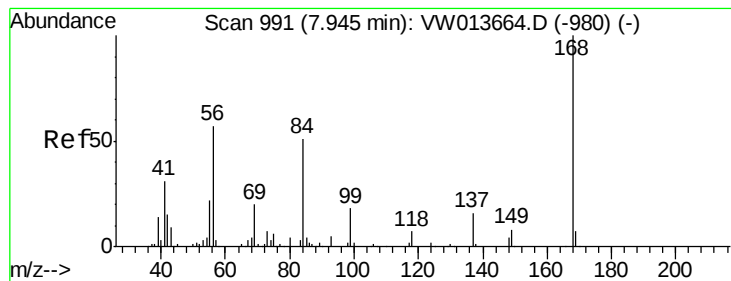
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102319\
Data File : VW013668.D
Acq On : 23 Oct 2019 15:35
Operator : SY/VA
Sample : VW1023SBL01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Oct 24 07:25:06 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 23 14:11:46 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: VW013668.D

Acq: 23 Oct 2019 15:35

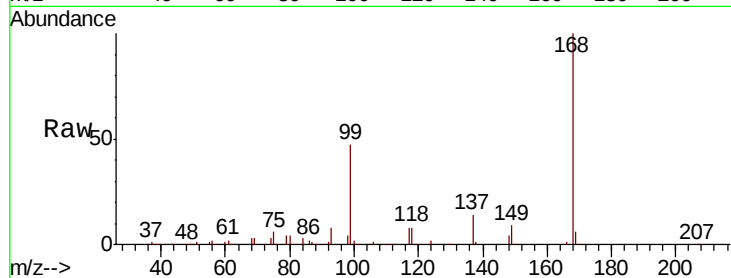
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 357907

Ion Ratio Lower Upper

168 100

99 46.9 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

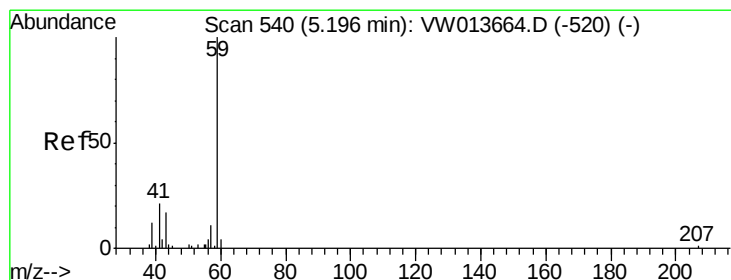
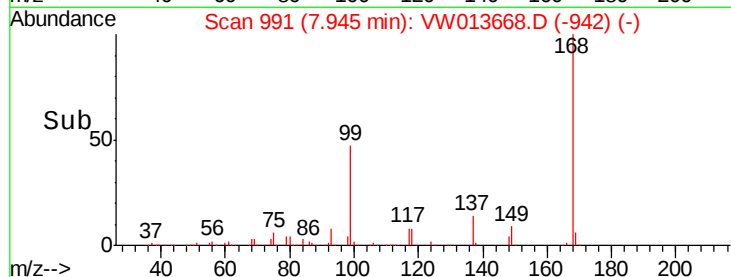
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.242 ug/l

RT: 5.18 min Scan# 538

Delta R.T. -0.01 min

Lab File: VW013668.D

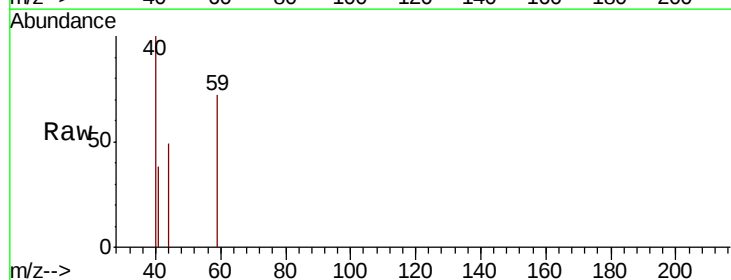
Acq: 23 Oct 2019 15:35

Tgt Ion: 59 Resp: 199

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

250

200

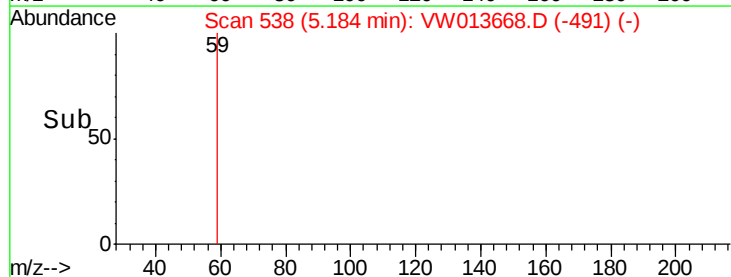
150

100

50

0

Time-->





#16

Acetone

Concen: 6.232 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW013668.D

Acq: 23 Oct 2019 15:35

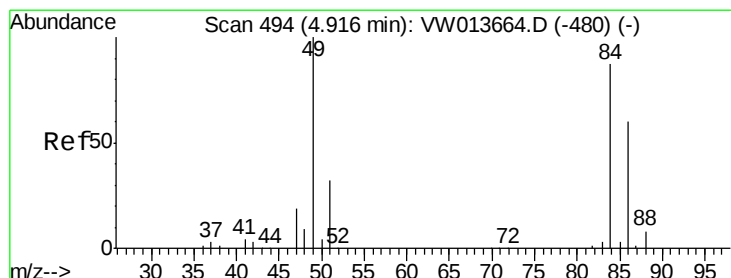
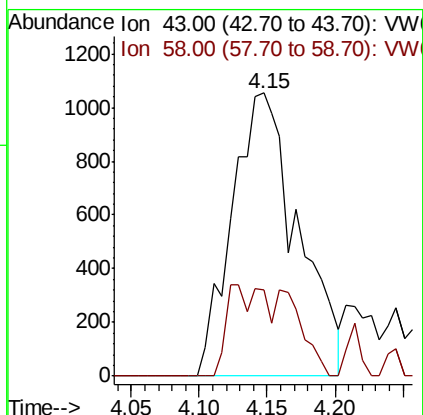
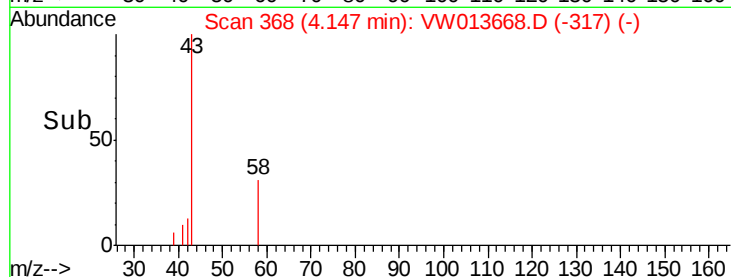
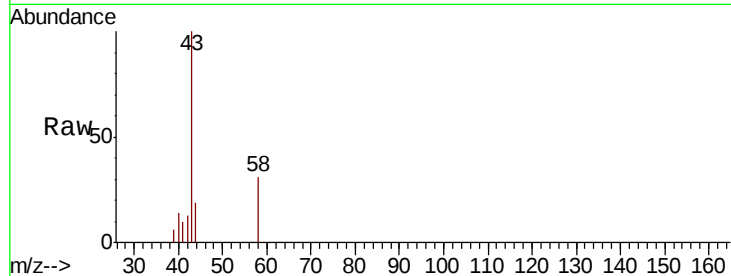
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 3548

Ion Ratio Lower Upper

43 100

58 30.6 24.1 36.1



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW013668.D

Acq: 23 Oct 2019 15:35

Tgt Ion: 84 Resp: 8017

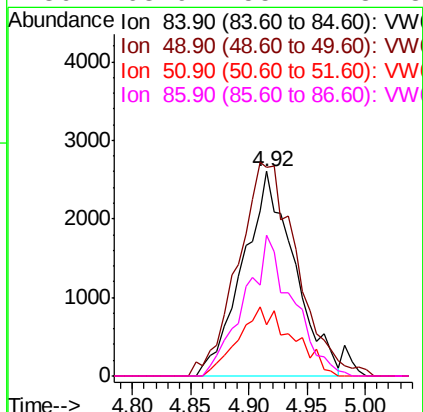
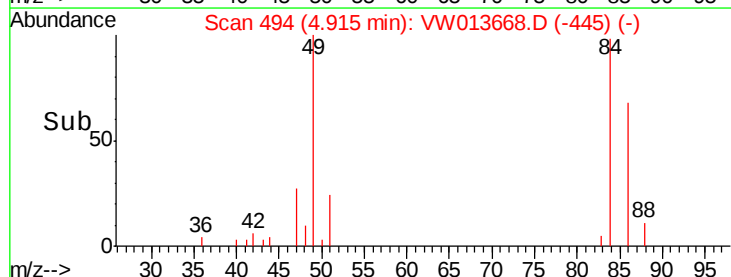
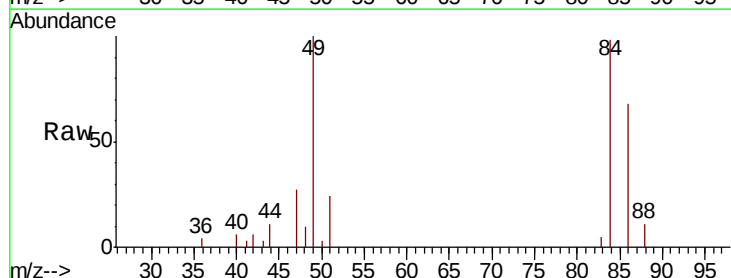
Ion Ratio Lower Upper

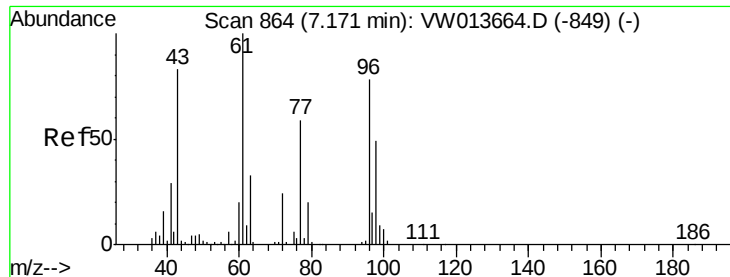
84 100

49 101.9 91.8 137.6

51 24.9 29.8 44.6#

86 68.9 55.2 82.8





#25

2-Butanone

Concen: 1.695 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: VW013668.D

Acq: 23 Oct 2019 15:35

Instrument :

MSVOA_W

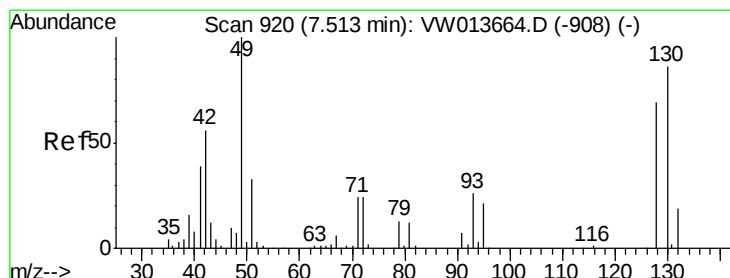
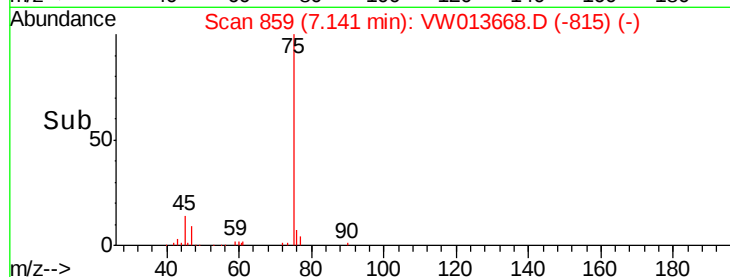
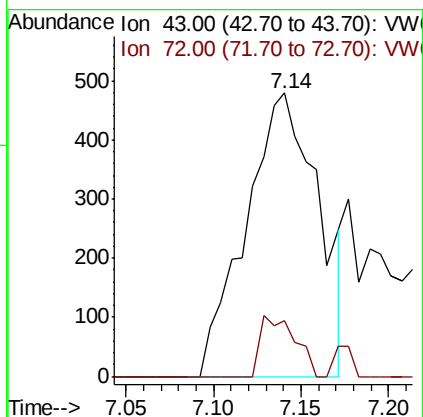
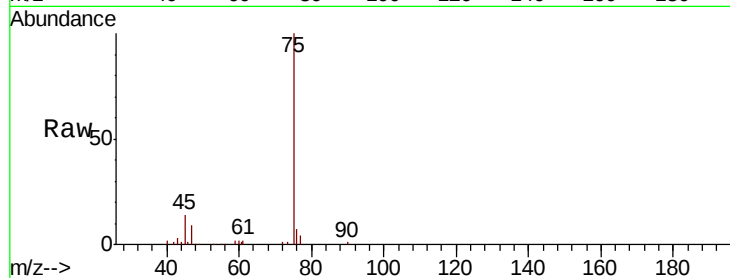
ClientSampled :

Tot Ion: 43 Resp: 1387

Ion Ratio Lower Upper

43 100

72 19.8 23.6 35.4#



#28

Bromochloromethane

Concen: 1.400 ug/l

RT: 7.51 min Scan# 919

Delta R.T. -0.01 min

Lab File: VW013668.D

Acq: 23 Oct 2019 15:35

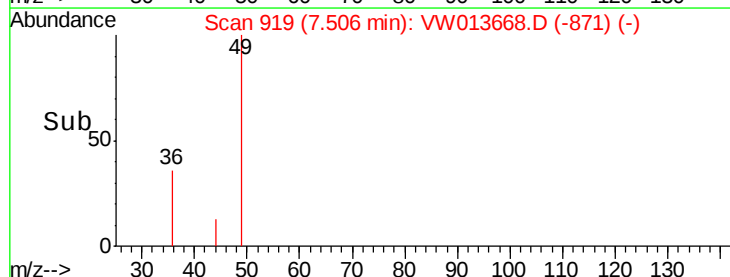
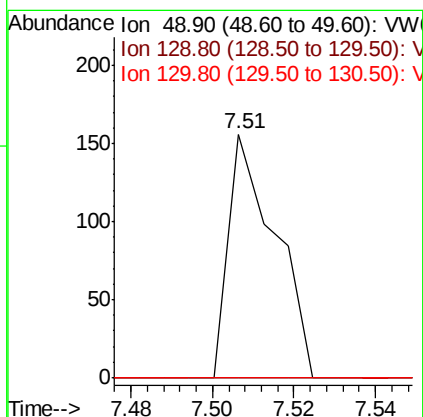
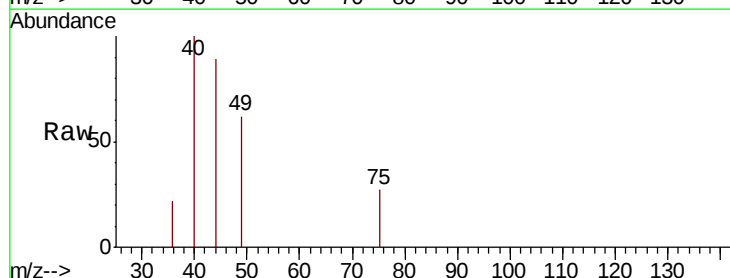
Tgt Ion: 49 Resp: 124

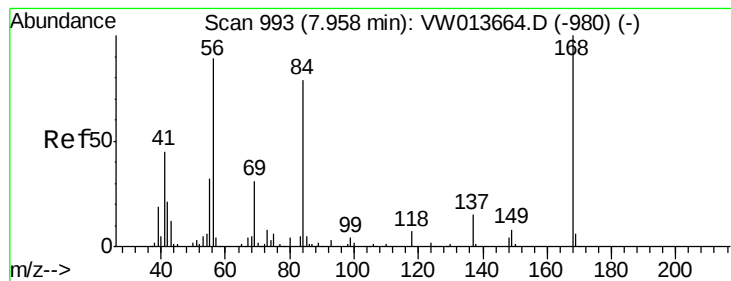
Ion Ratio Lower Upper

49 100

129 0.0 0.0 0.6

130 0.0 67.5 101.3#





#31

Cyclohexane

Concen: 1.039 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW013668.D

Acq: 23 Oct 2019 15:35

Instrument :
MSVOA_W
ClientSampled :

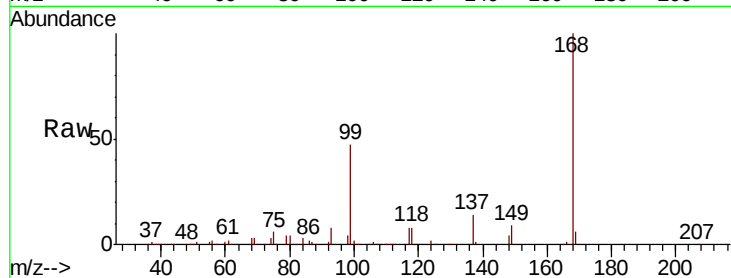
Tot Ion: 56 Resp: 6200

Ion Ratio Lower Upper

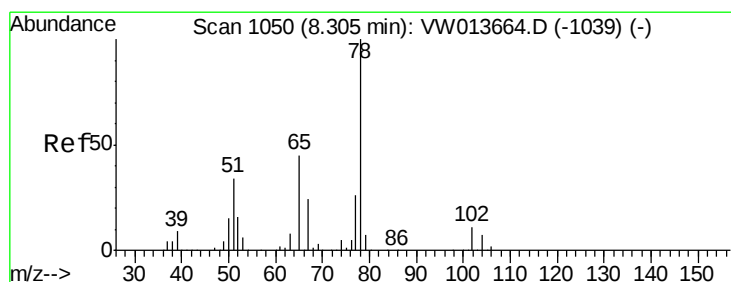
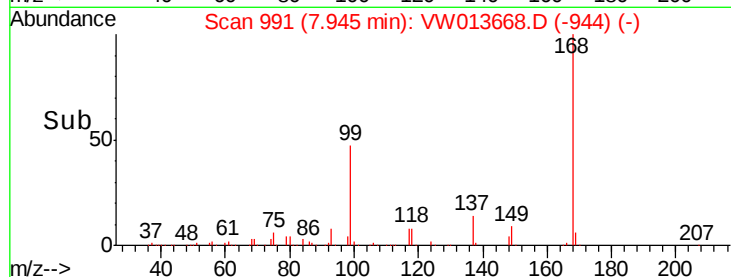
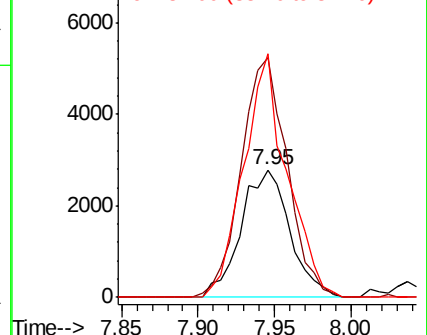
56 100

69 187.7 27.5 41.3#

84 190.6 70.8 106.2#



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: 51.438 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013668.D

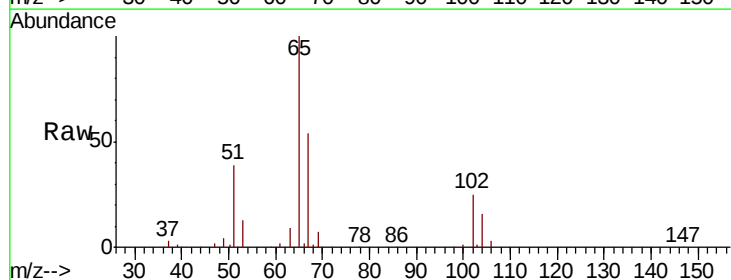
Acq: 23 Oct 2019 15:35

Tgt Ion: 65 Resp: 138106

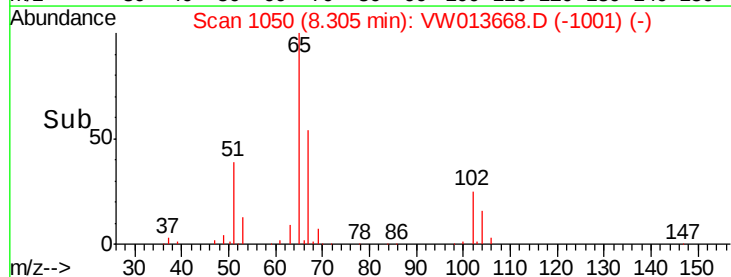
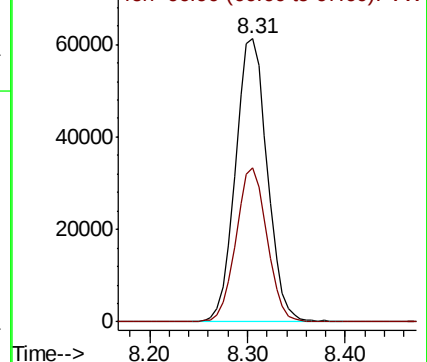
Ion Ratio Lower Upper

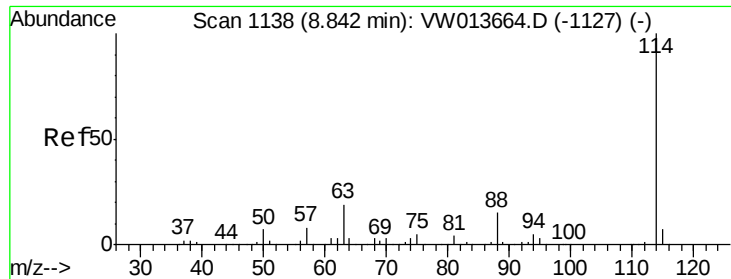
65 100

67 53.2 0.0 109.4



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

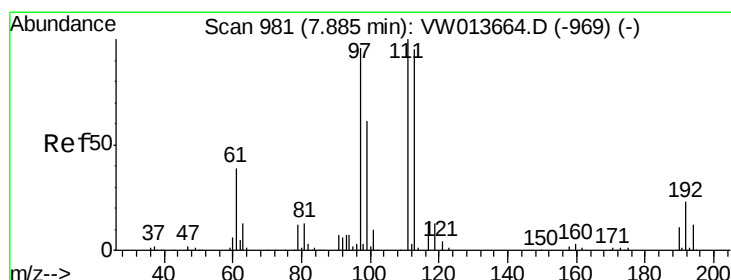
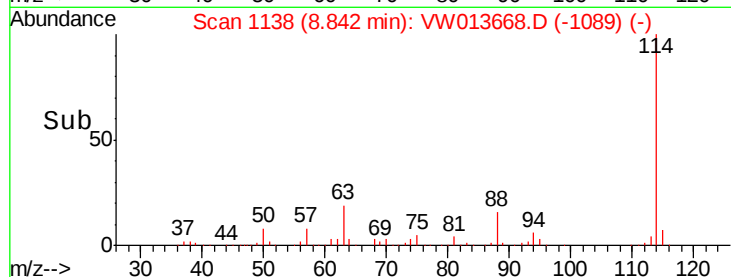
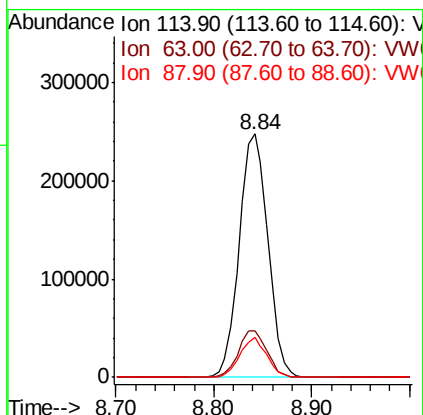
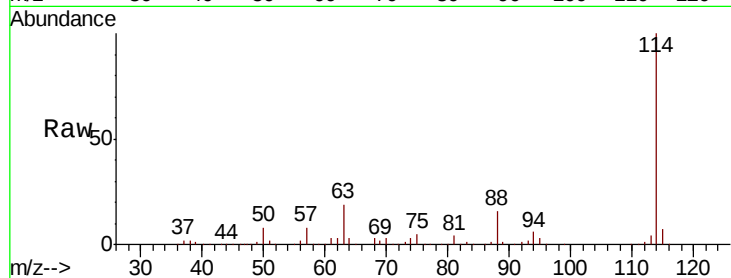




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW013668.D
Acq: 23 Oct 2019 15:35

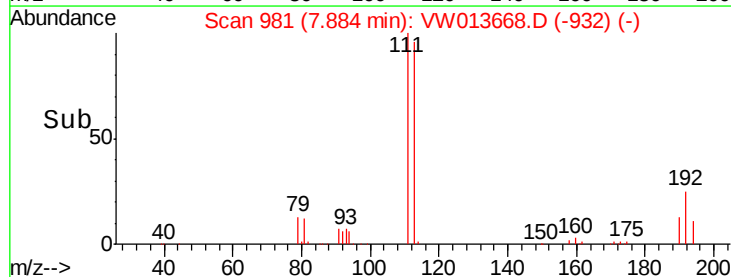
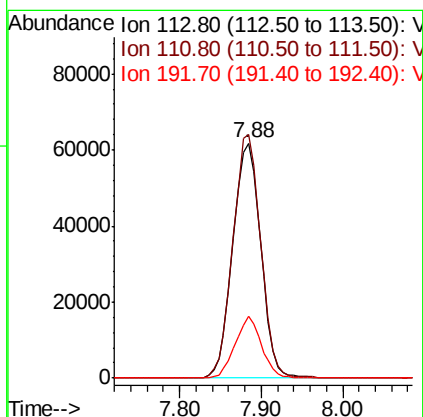
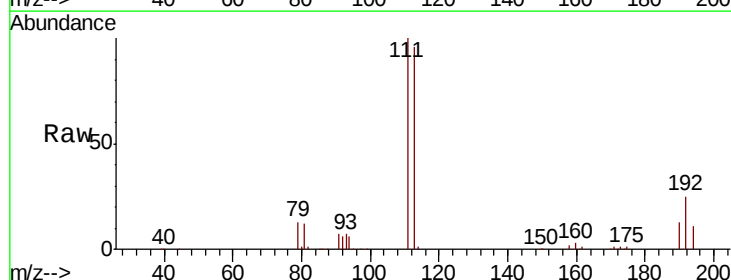
Instrument :
MSVOA_W
ClientSampleId :

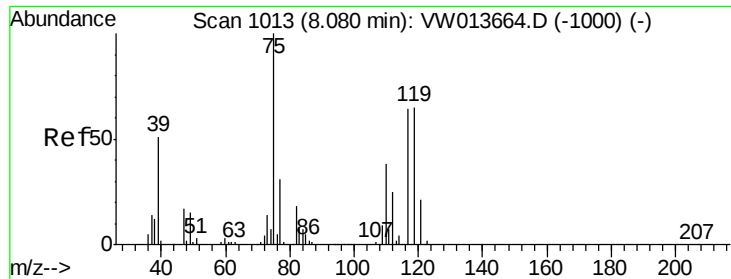
Tot Ion:114 Resp: 503180
Ion Ratio Lower Upper
114 100
63 19.3 0.0 37.6
88 16.5 0.0 30.2



#35
Dibromofluoromethane
Concen: 52.554 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW013668.D
Acq: 23 Oct 2019 15:35

Tgt Ion:113 Resp: 146939
Ion Ratio Lower Upper
113 100
111 102.4 83.0 124.6
192 24.3 19.4 29.2

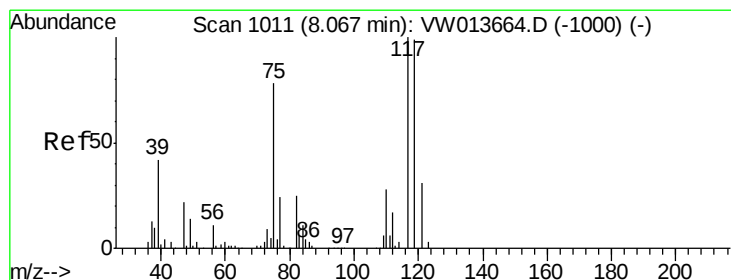
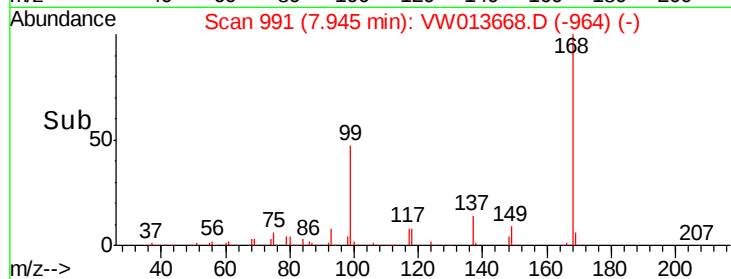
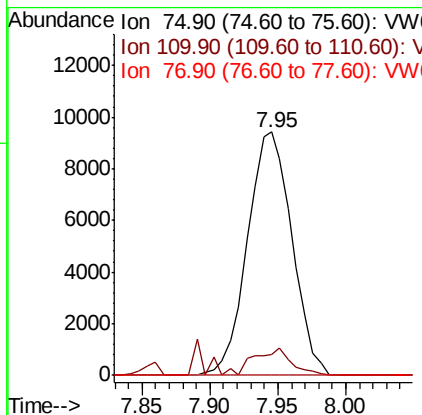
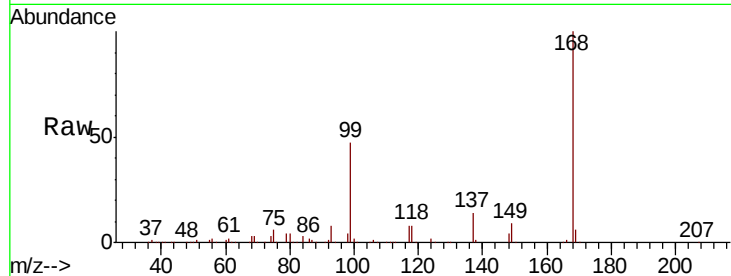




#36
 1,1-Dichloropropene
 Concen: 4.593 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW013668.D
 Acq: 23 Oct 2019 15:35

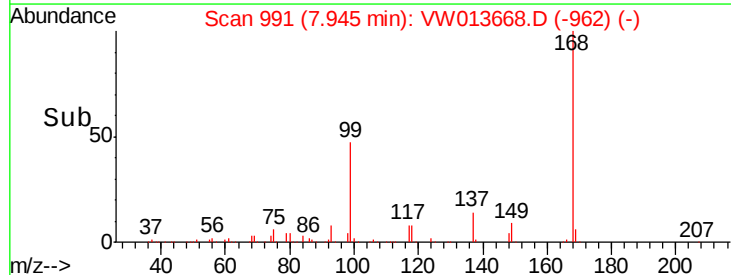
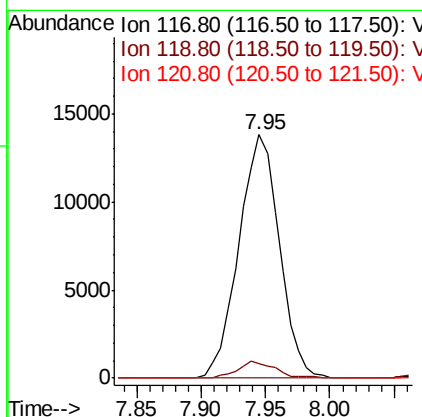
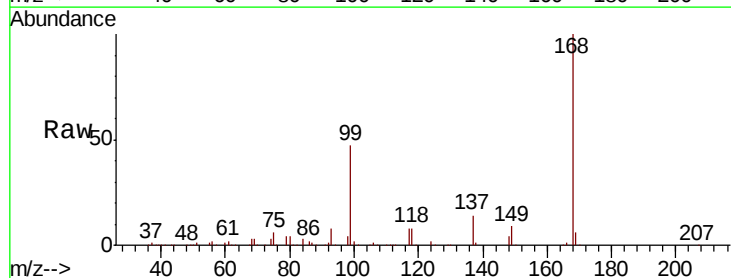
Instrument :
 MSVOA_W
 ClientSampled :

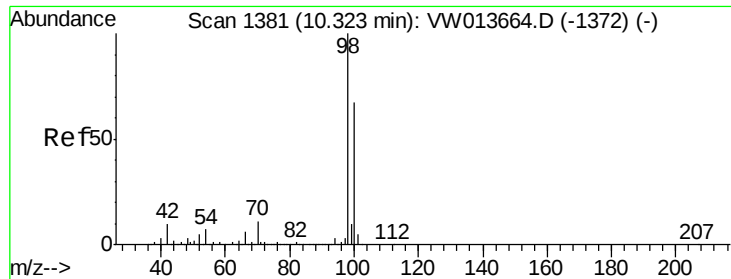
Tot Ion: 75 Resp: 21523
 Ion Ratio Lower Upper
 75 100
 110 9.2 18.7 56.1#
 77 0.0 25.4 38.0#



#38
 Carbon Tetrachloride
 Concen: 7.110 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW013668.D
 Acq: 23 Oct 2019 15:35

Tgt Ion: 117 Resp: 30005
 Ion Ratio Lower Upper
 117 100
 119 5.8 79.0 118.4#
 121 0.0 24.5 36.7#





#50

Toluene-d8

Concen: 53.145 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013668.D

Acq: 23 Oct 2019 15:35

Instrument :

MSVOA_W

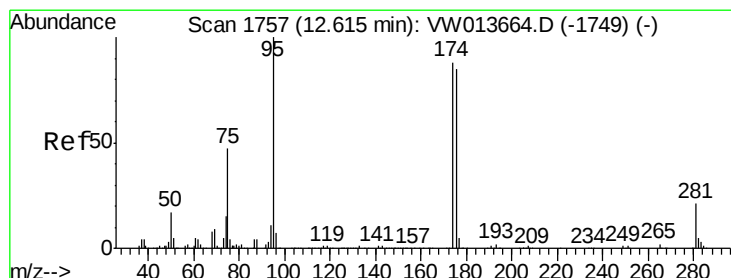
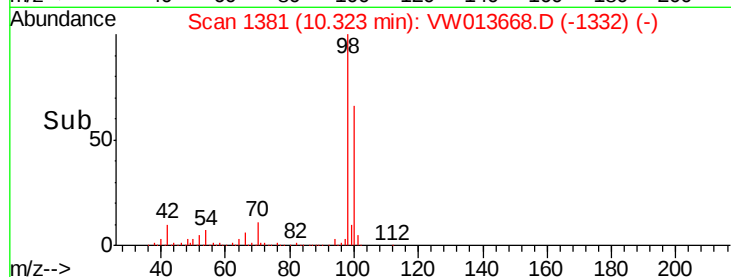
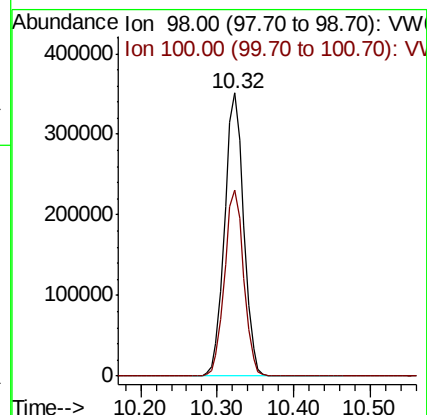
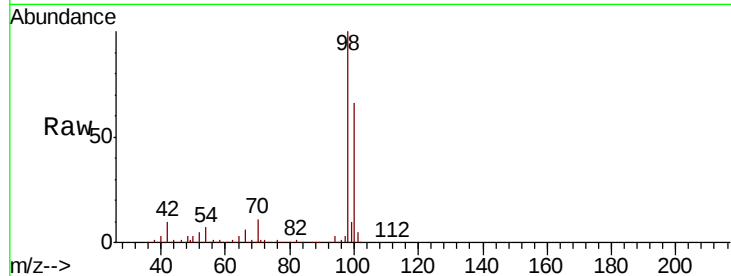
ClientSampleId :

Tot Ion: 98 Resp: 605465

Ion Ratio Lower Upper

98 100

100 65.9 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 50.455 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013668.D

Acq: 23 Oct 2019 15:35

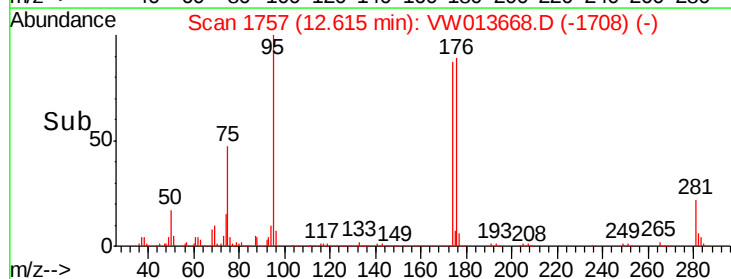
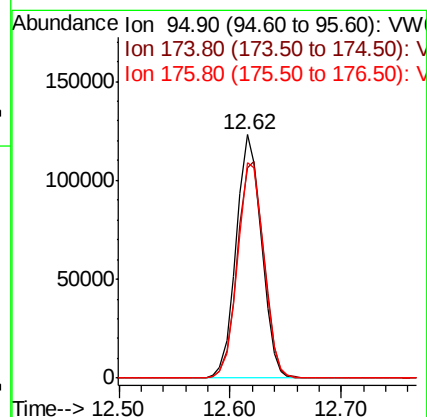
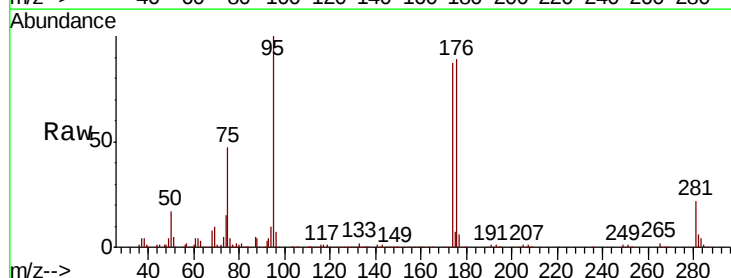
Tgt Ion: 95 Resp: 194635

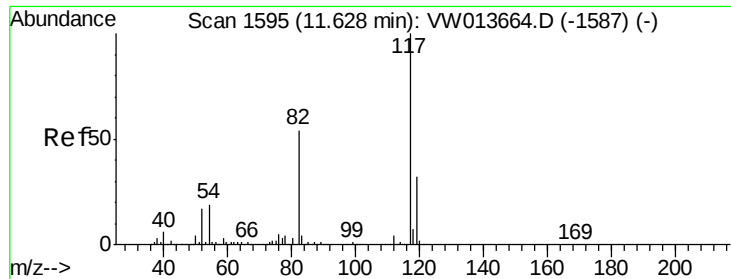
Ion Ratio Lower Upper

95 100

174 93.0 0.0 183.6

176 91.0 0.0 178.0

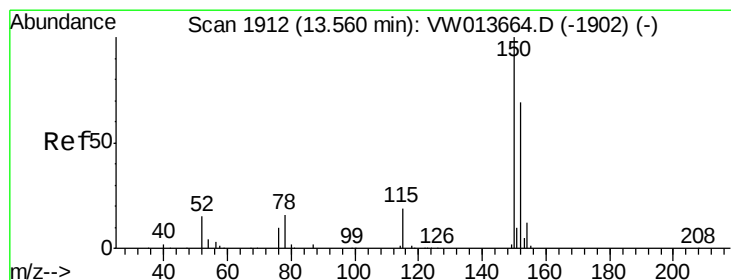
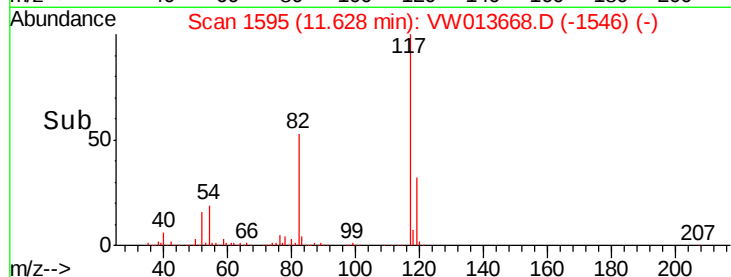
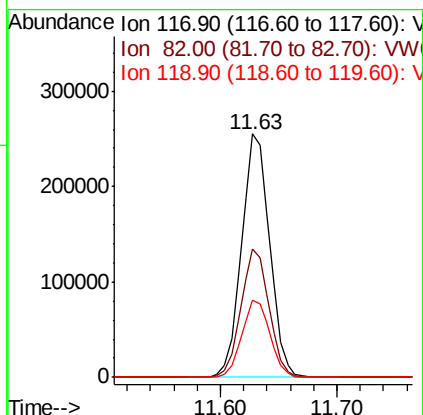
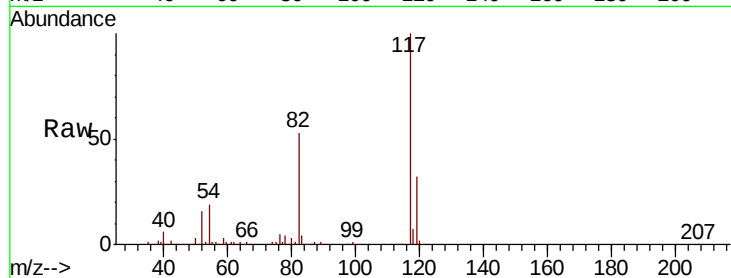




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013668.D
Acq: 23 Oct 2019 15:35

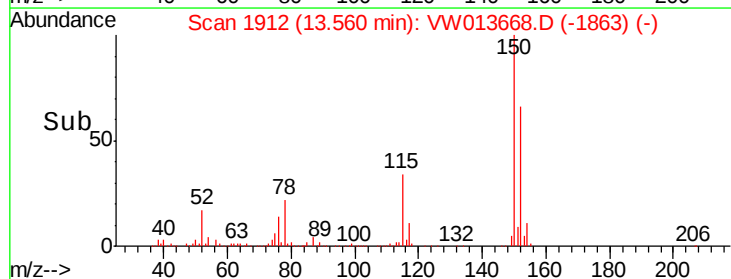
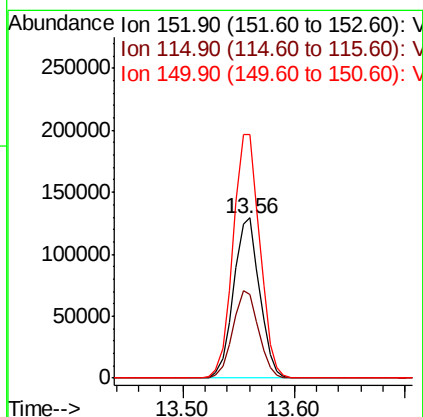
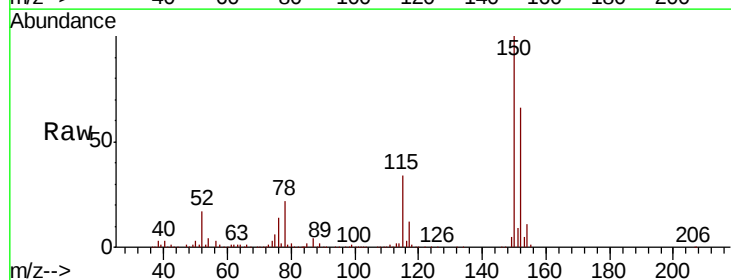
Instrument :
MSVOA_W
ClientSampleId :

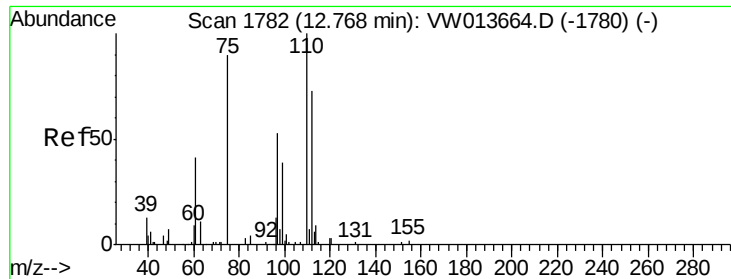
Tot Ion:117 Resp: 428818
Ion Ratio Lower Upper
117 100
82 52.9 43.6 65.4
119 31.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW013668.D
Acq: 23 Oct 2019 15:35

Tgt Ion:152 Resp: 208763
Ion Ratio Lower Upper
152 100
115 54.4 27.4 82.2
150 155.7 0.0 345.4

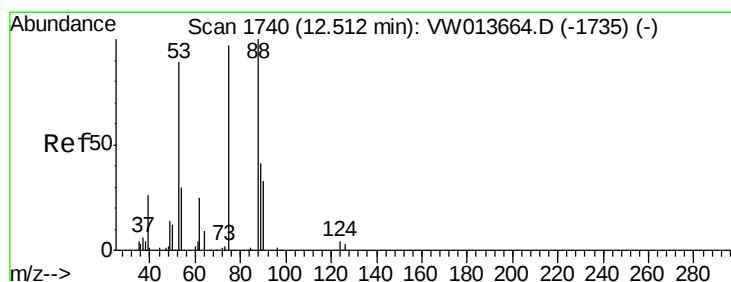
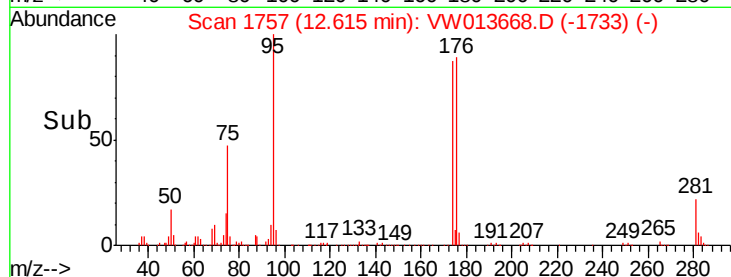
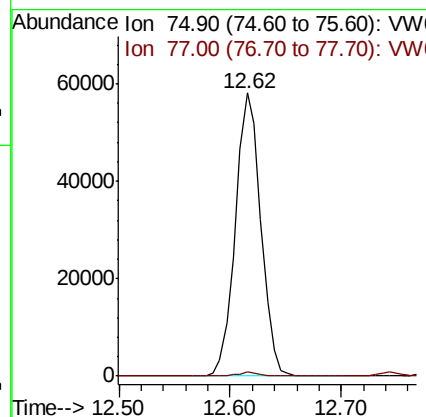
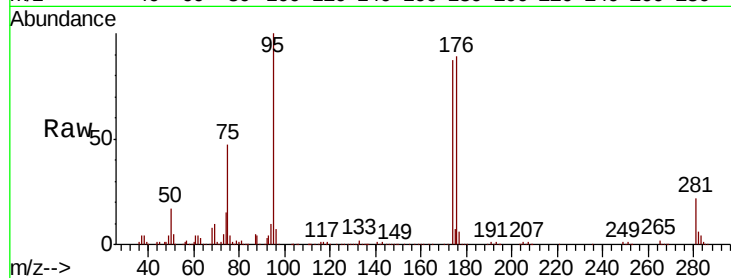




#76
 1,2,3-Trichloropropane
 Concen: 61.202 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW013668.D
 Acq: 23 Oct 2019 15:35

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 91754
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 115.662 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW013668.D
 Acq: 23 Oct 2019 15:35

Tgt Ion: 75 Resp: 91754
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.7 107.5#
 89 0.4 35.8 53.8#

