

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW093019\
 Data File : VW013326.D
 Acq On : 30 Sep 2019 12:05
 Operator : SY/VA
 Sample : VW0930SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 30 17:28:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	328054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	483385	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	404613	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	184678	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	130564	48.77	ug/l	0.00
Spiked Amount			Recovery	=	97.54%	
35) Dibromofluoromethane	7.88	113	133735	50.30	ug/l	0.00
Spiked Amount			Recovery	=	100.60%	
50) Toluene-d8	10.32	98	554747	49.86	ug/l	0.00
Spiked Amount			Recovery	=	99.72%	
62) 4-Bromofluorobenzene	12.62	95	178623	47.00	ug/l	0.00
Spiked Amount			Recovery	=	94.00%	

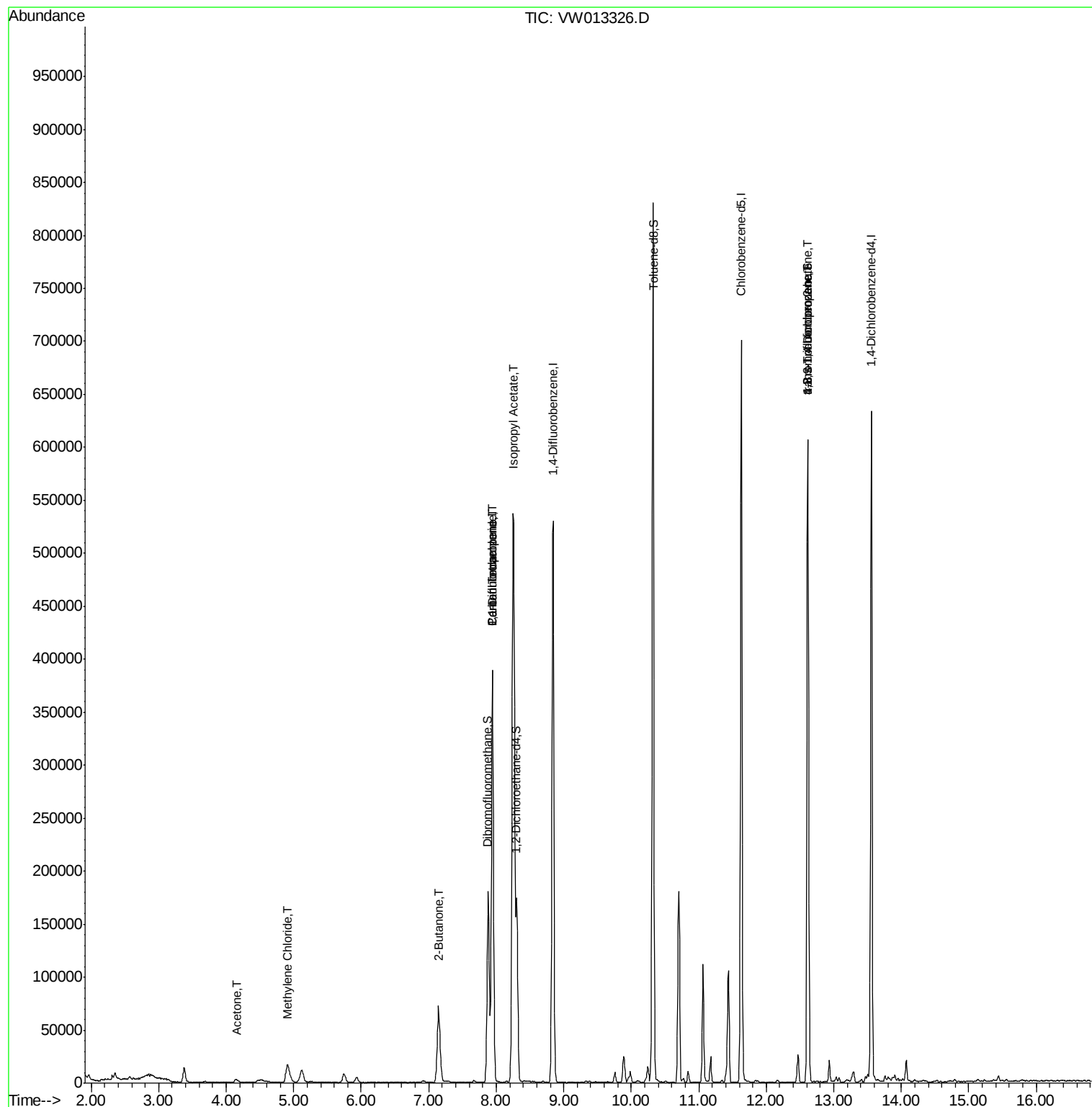
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.24	59	506	Below Cal		100
16) Acetone	4.15	43	6212	10.288	ug/l	100
20) Methylene Chloride	4.91	84	13618	1.598	ug/l	94
25) 2-Butanone	7.15	43	3894	4.296	ug/l #	74
26) 2,2-Dichloropropane	7.15	77	5230	Below Cal	#	52
36) 1,1-Dichloropropene	7.95	75	20702	4.422	ug/l #	49
38) Carbon Tetrachloride	7.95	117	27605	6.577	ug/l #	19
43) Isopropyl Acetate	8.25	43	11876	3.114	ug/l #	38
76) 1,2,3-Trichloropropane	12.62	75	83796	51.379	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	83796	115.289	ug/l #	12

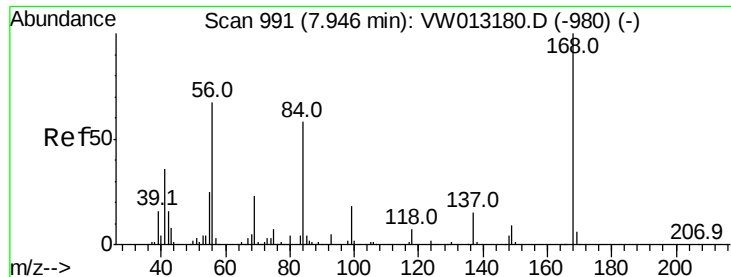
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW093019\
Data File : VW013326.D
Acq On : 30 Sep 2019 12:05
Operator : SY/VA
Sample : VW0930SBL01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Sep 30 17:28:00 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 20 15:58:08 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: VW013326.D

Acq: 30 Sep 2019 12:05

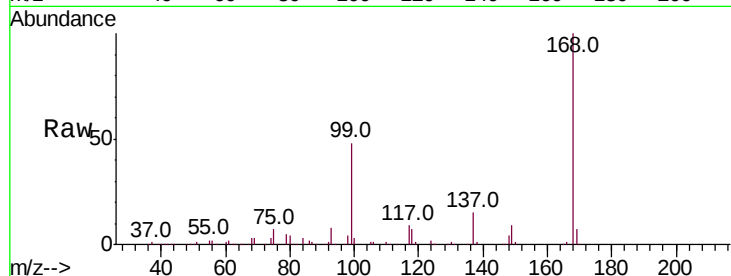
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 328054

Ion Ratio Lower Upper

168 100

99 48.1 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

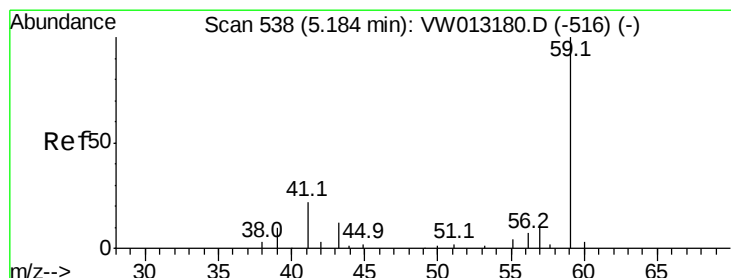
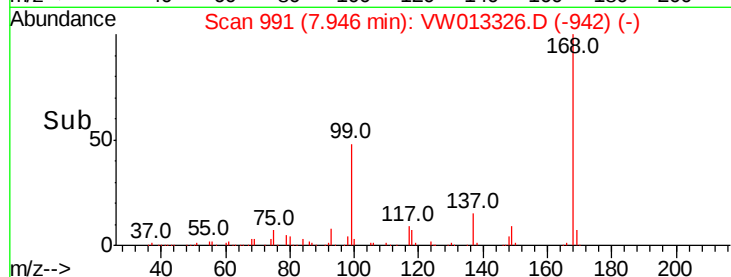
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.24 min Scan# 547

Delta R.T. 0.06 min

Lab File: VW013326.D

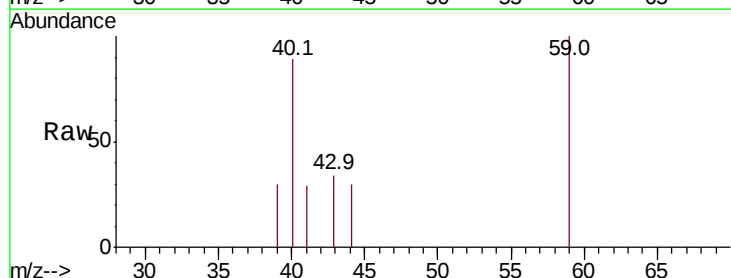
Acq: 30 Sep 2019 12:05

Tgt Ion: 59 Resp: 506

Ion Ratio Lower Upper

59 100

57 10.1 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.24

500

400

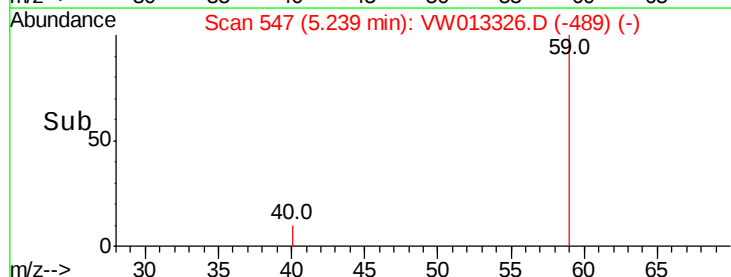
300

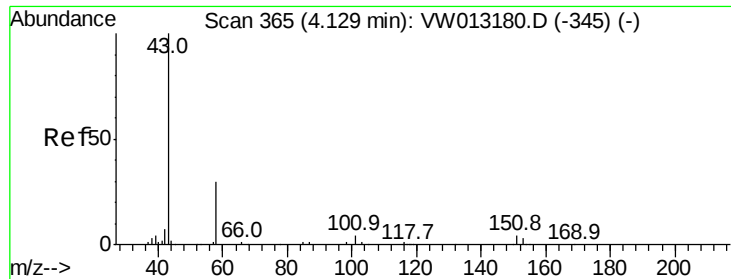
200

100

0

Time-->





#16

Acetone

Concen: 10.288 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW013326.D

Acq: 30 Sep 2019 12:05

Instrument :

MSVOA_W

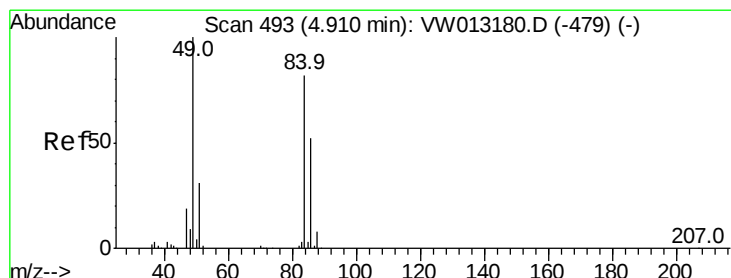
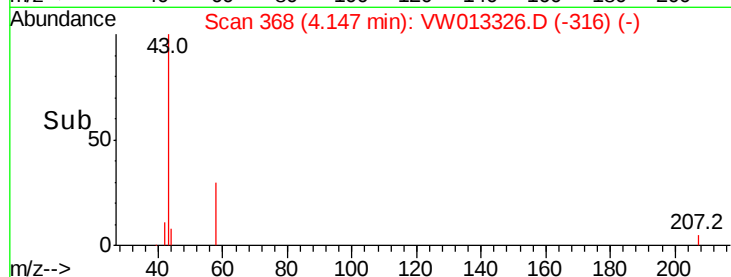
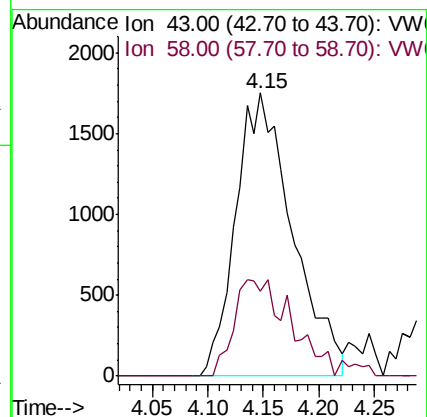
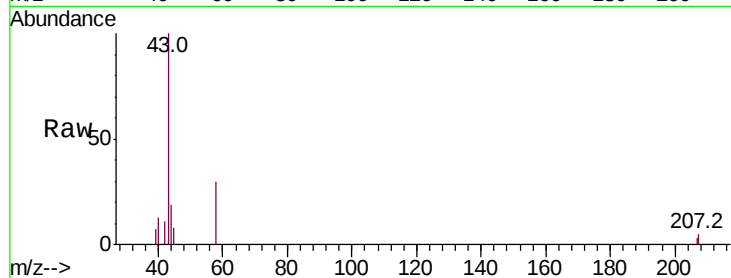
ClientSampleId :

Tot Ion: 43 Resp: 6212

Ion Ratio Lower Upper

43 100

58 30.2 24.1 36.1



#20

Methylene Chloride

Concen: 1.598 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW013326.D

Acq: 30 Sep 2019 12:05

Tgt Ion: 84 Resp: 13618

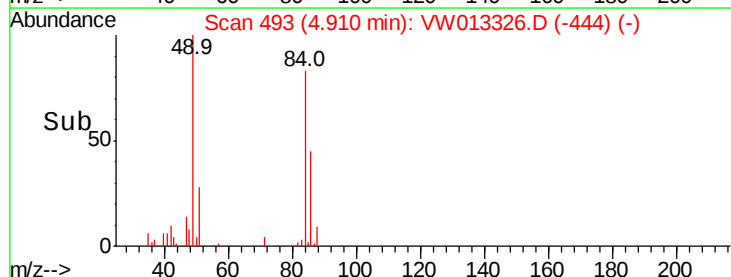
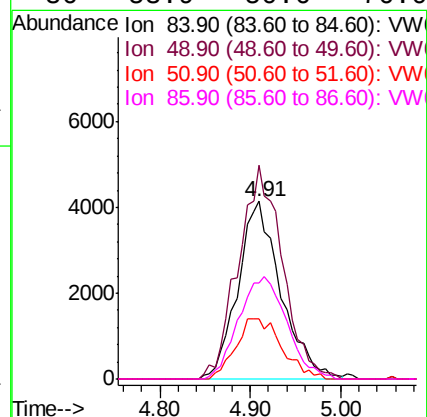
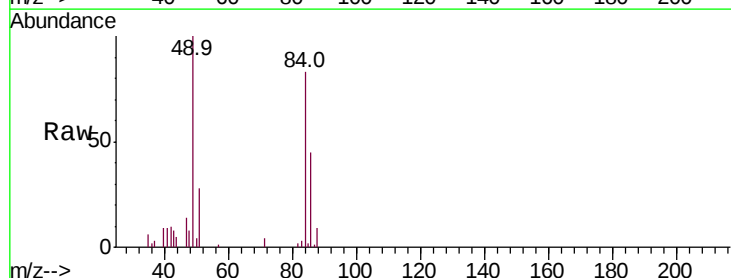
Ion Ratio Lower Upper

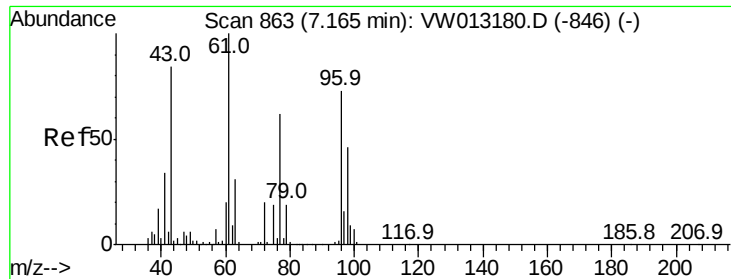
84 100

49 120.1 97.6 146.4

51 33.6 30.2 45.2

86 53.9 50.6 76.0





#25

2-Butanone

Concen: 4.296 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW013326.D

Acq: 30 Sep 2019 12:05

Instrument :

MSVOA_W

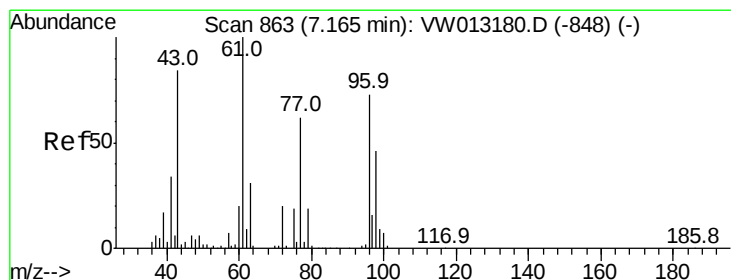
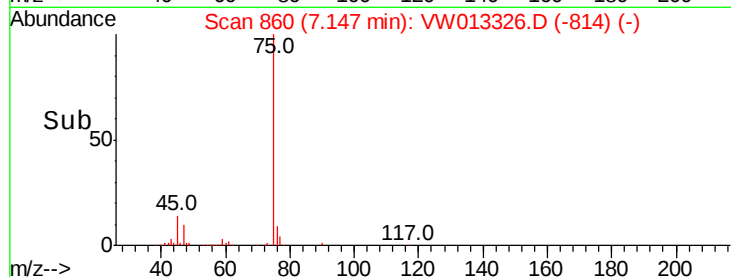
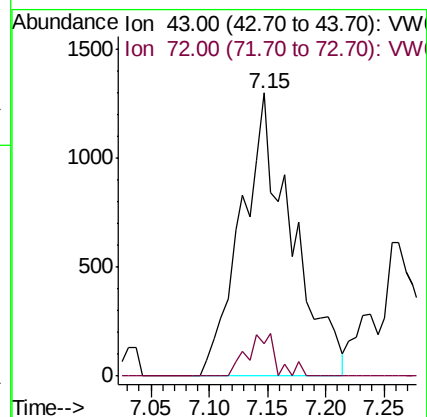
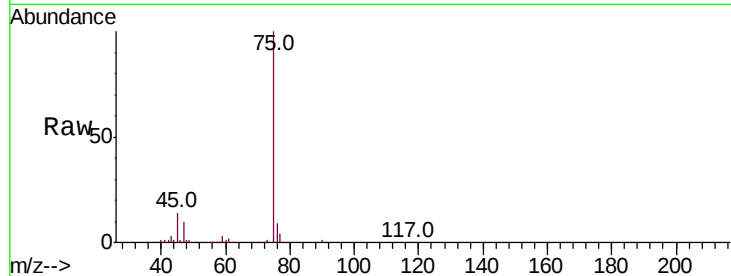
ClientSampled :

Tot Ion: 43 Resp: 3894

Ion Ratio Lower Upper

43 100

72 11.3 19.4 29.0#



#26

2,2-Dichloropropane

Concen: Below Cal

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW013326.D

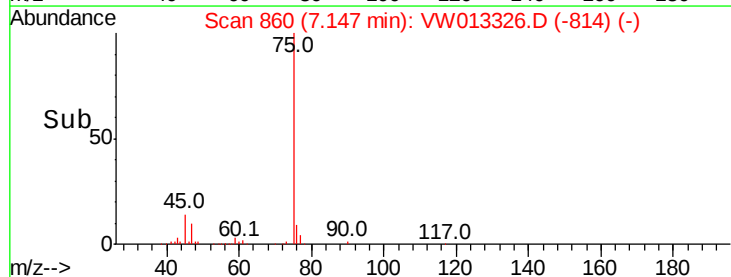
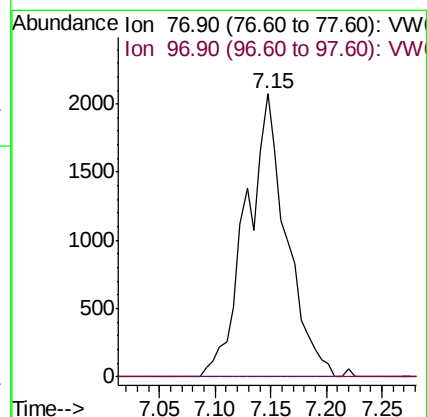
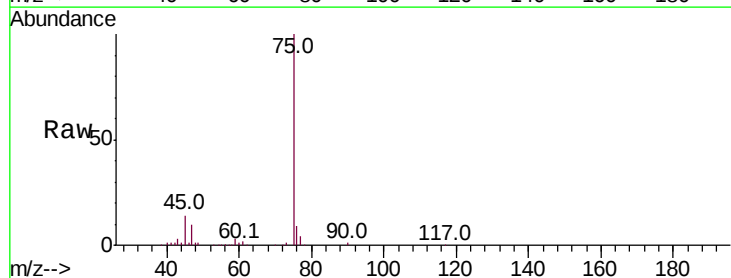
Acq: 30 Sep 2019 12:05

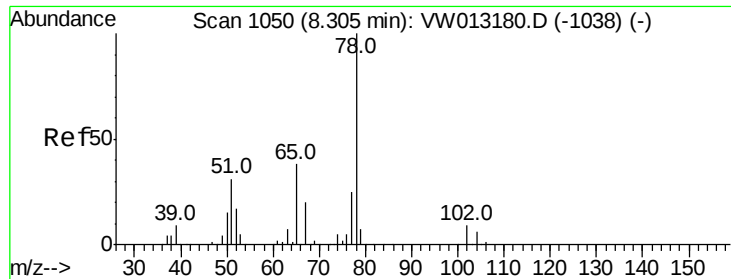
Tgt Ion: 77 Resp: 5230

Ion Ratio Lower Upper

77 100

97 0.0 11.8 35.4#





#33

1,2-Dichloroethane-d4

Concen: 48.765 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013326.D

Acq: 30 Sep 2019 12:05

Instrument :

MSVOA_W

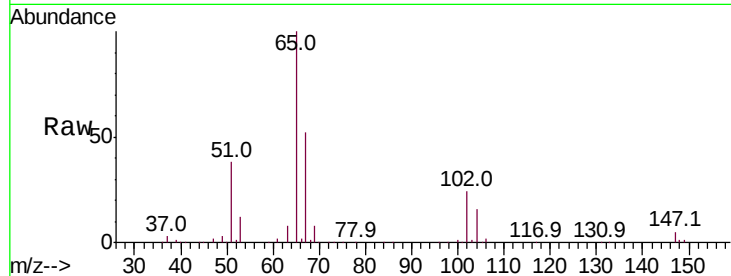
ClientSampleId :

Tot Ion: 65 Resp: 130564

Ion Ratio Lower Upper

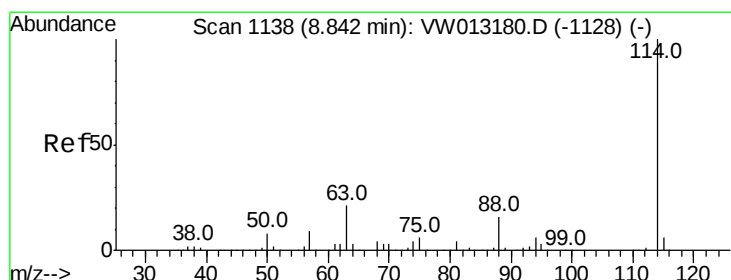
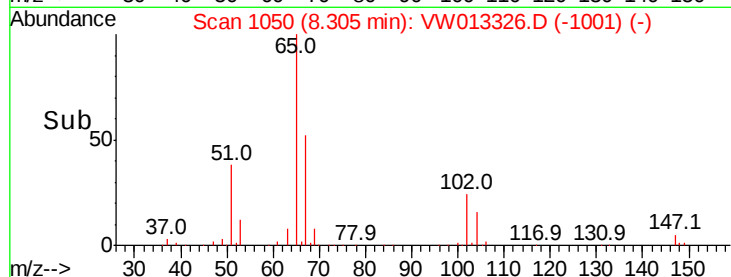
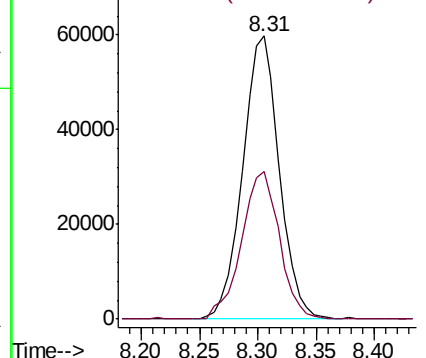
65 100

67 54.3 0.0 106.2



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: VW013326.D

Acq: 30 Sep 2019 12:05

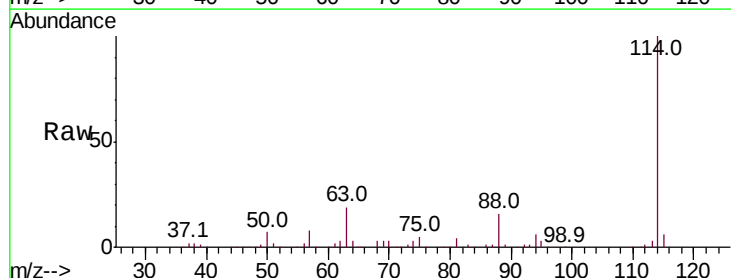
Tgt Ion: 114 Resp: 483385

Ion Ratio Lower Upper

114 100

63 18.9 0.0 41.4

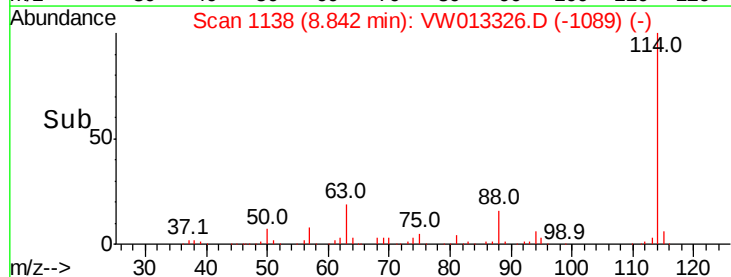
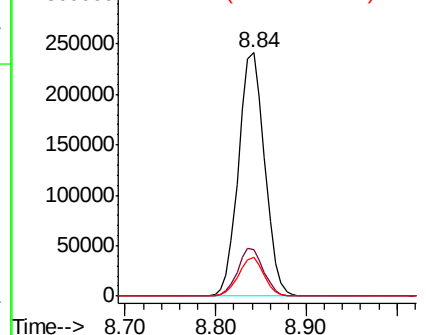
88 16.1 0.0 32.0

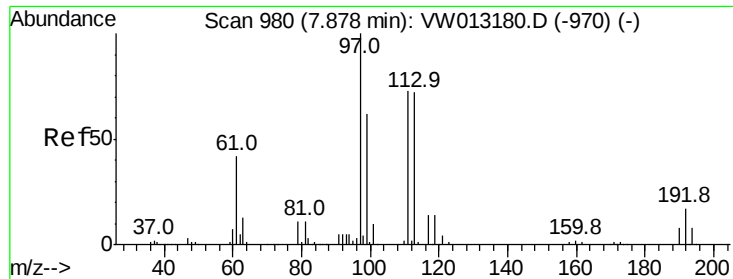


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

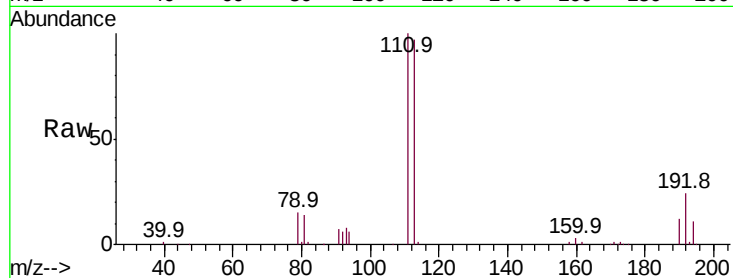




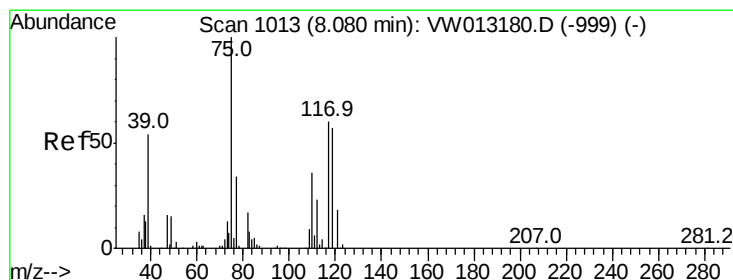
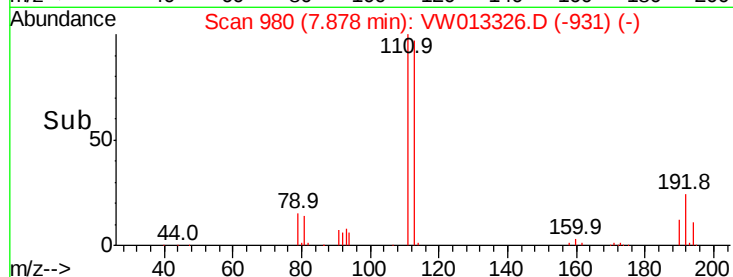
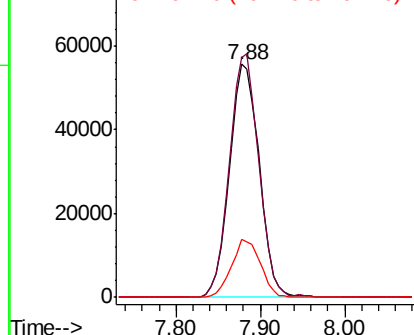
#35
 Dibromofluoromethane
 Concen: 50.302 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW013326.D
 Acq: 30 Sep 2019 12:05

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.8		81.9	122.9
192	24.0		19.1	28.7

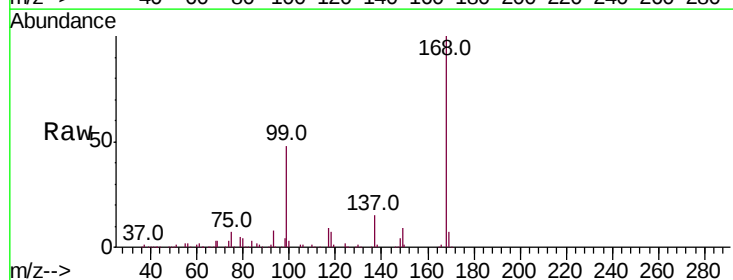


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

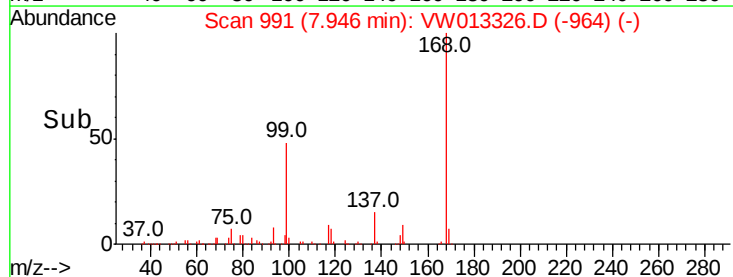
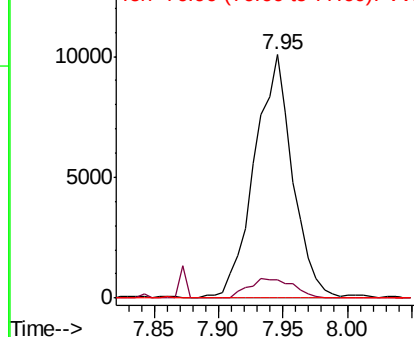


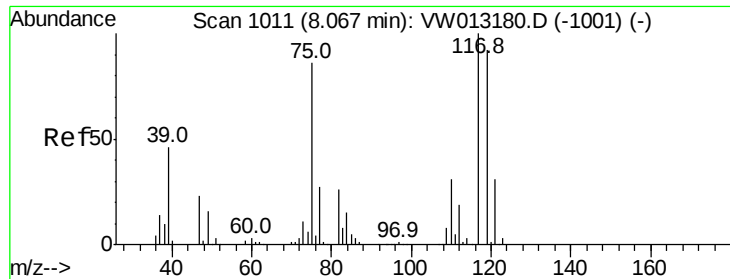
#36
 1,1-Dichloropropene
 Concen: 4.422 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW013326.D
 Acq: 30 Sep 2019 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	9.5		18.1	54.3#
77	0.0		25.8	38.6#



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

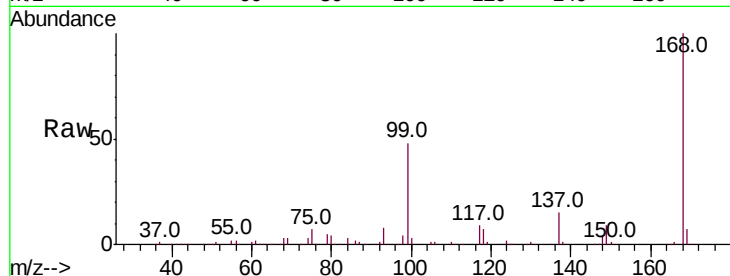




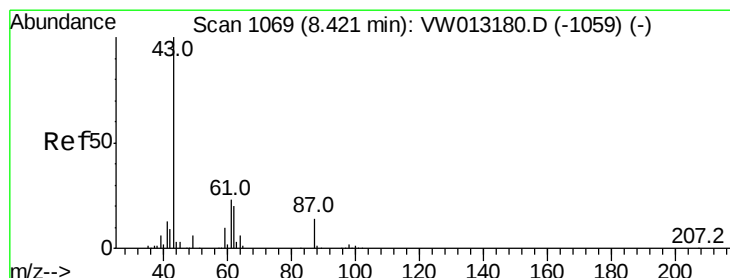
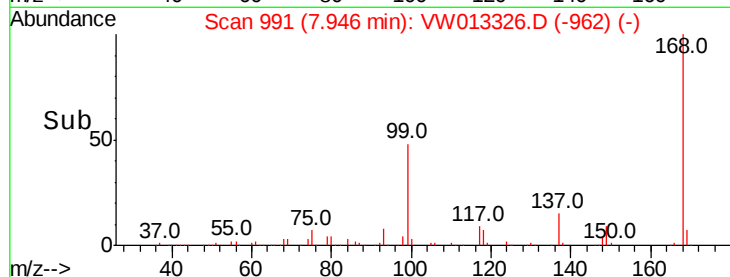
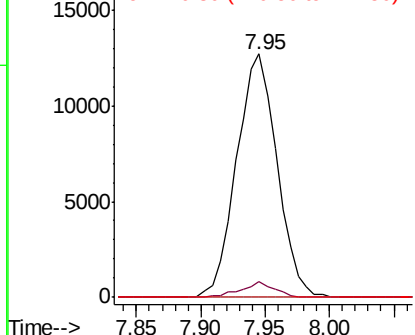
#38
Carbon Tetrachloride
Concen: 6.577 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW013326.D
Acq: 30 Sep 2019 12:05

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 27605
Ion Ratio Lower Upper
117 100
119 6.7 73.5 110.3#
121 0.0 25.0 37.6#

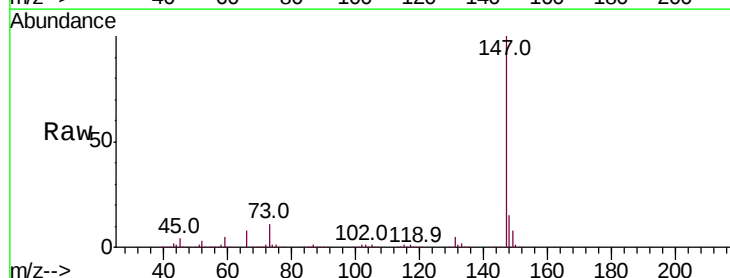


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

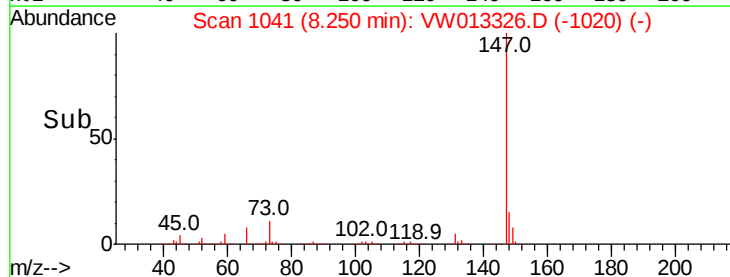
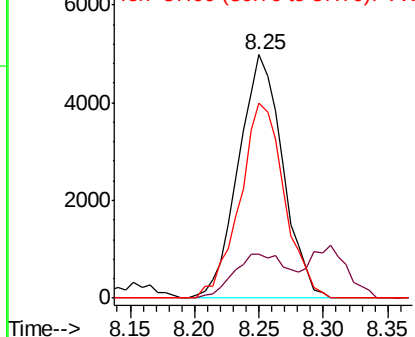


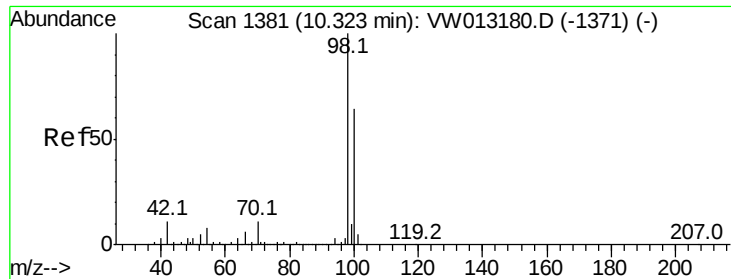
#43
Isopropyl Acetate
Concen: 3.114 ug/l
RT: 8.25 min Scan# 1041
Delta R.T. -0.17 min
Lab File: VW013326.D
Acq: 30 Sep 2019 12:05

Tgt Ion: 43 Resp: 11876
Ion Ratio Lower Upper
43 100
61 22.4 25.5 38.3#
87 80.3 11.0 16.4#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW

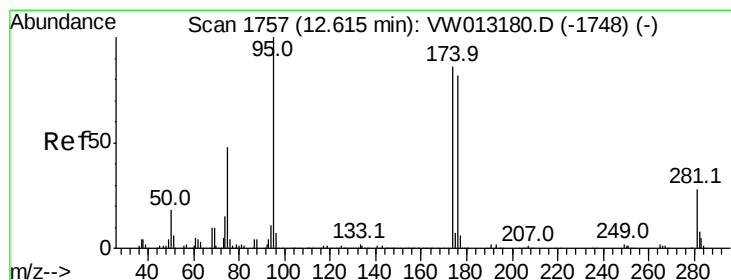
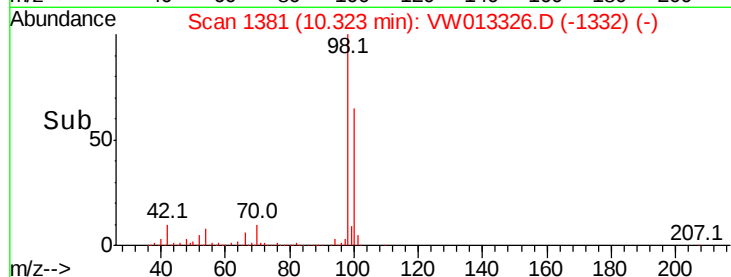
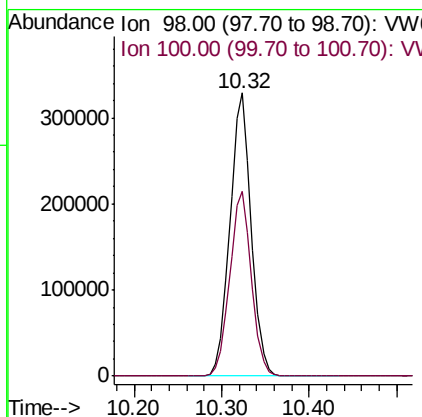
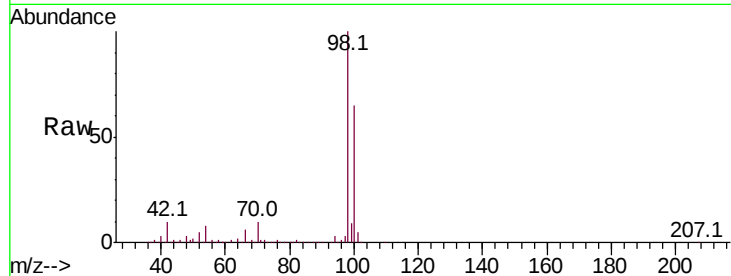




#50
Toluene-d8
Concen: 49.858 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013326.D
Acq: 30 Sep 2019 12:05

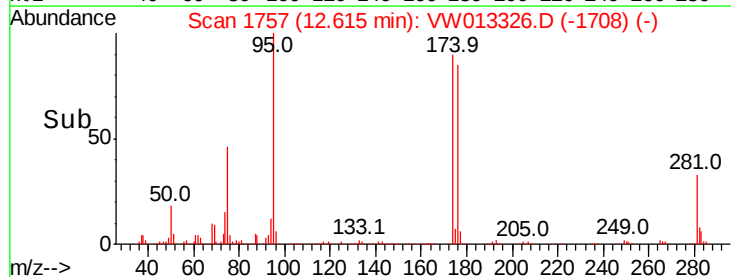
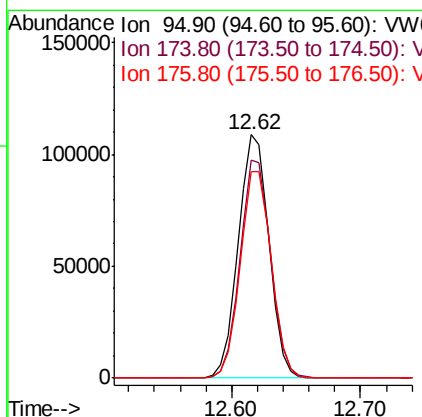
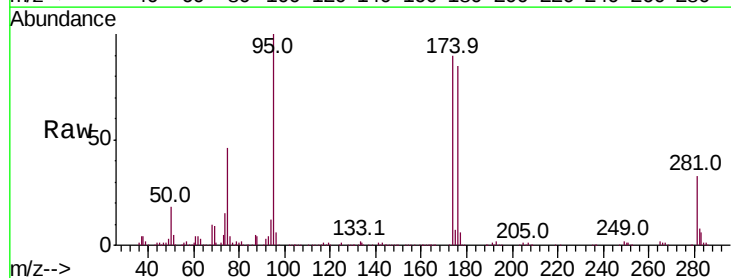
Instrument :
MSVOA_W
ClientSampleId :

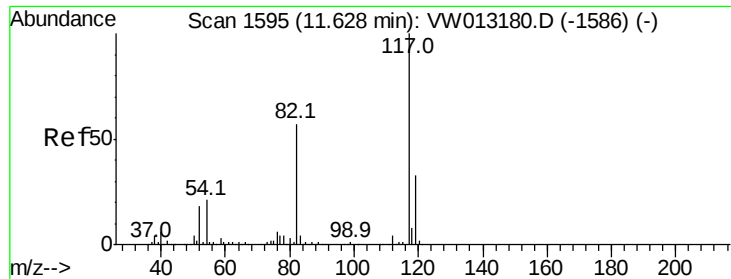
Tot Ion: 98 Resp: 554747
Ion Ratio Lower Upper
98 100
100 66.2 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 46.997 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW013326.D
Acq: 30 Sep 2019 12:05

Tgt Ion: 95 Resp: 178623
Ion Ratio Lower Upper
95 100
174 89.4 0.0 178.4
176 86.1 0.0 172.2

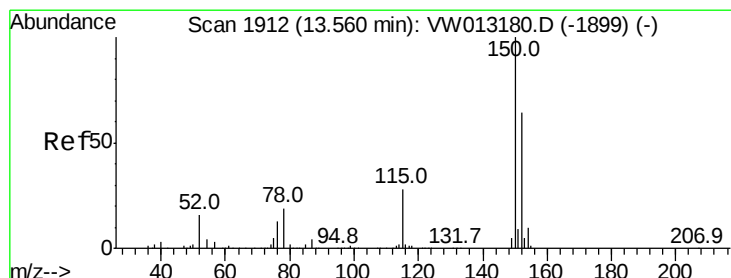
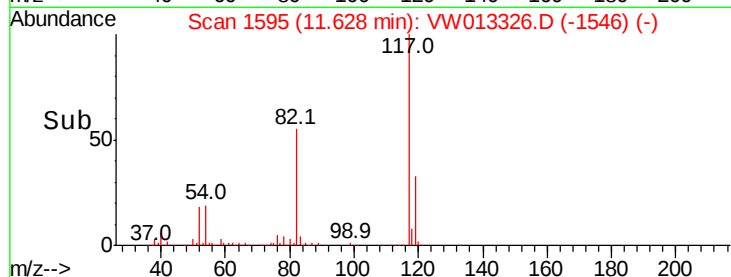
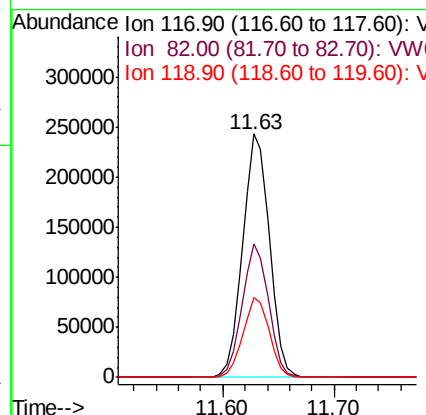
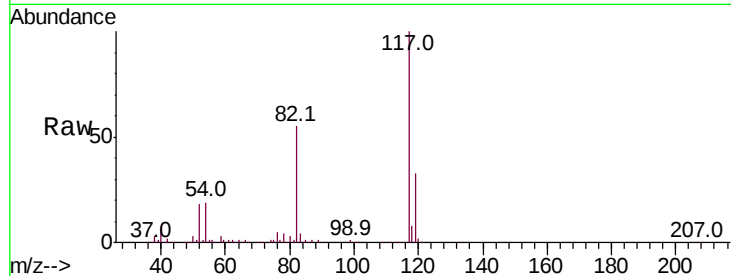




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW013326.D
Acq: 30 Sep 2019 12:05

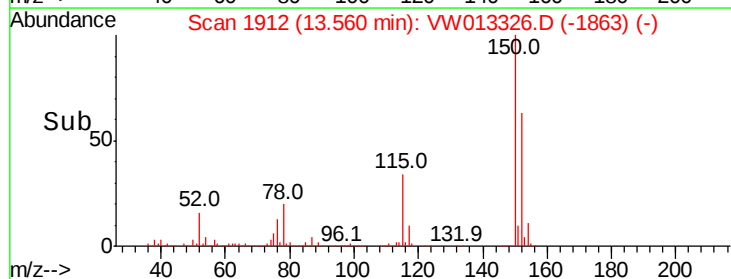
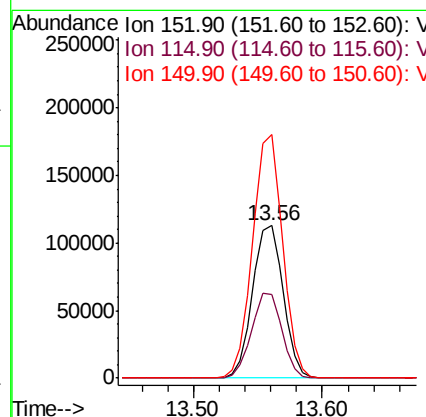
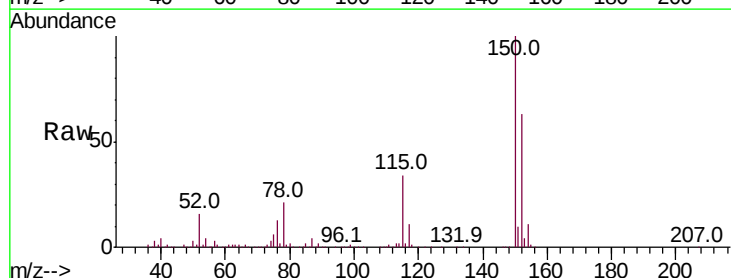
Instrument :
MSVOA_W
ClientSampled :

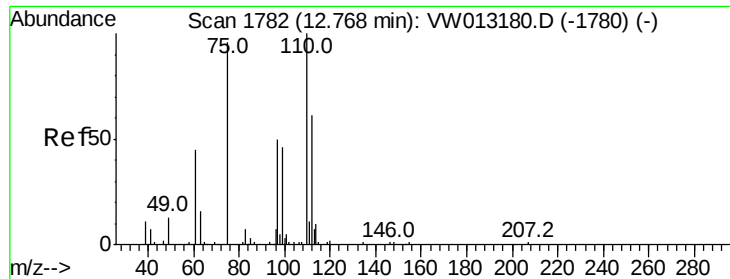
Tot Ion:117 Resp: 404613
Ion Ratio Lower Upper
117 100
82 54.9 45.9 68.9
119 32.7 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW013326.D
Acq: 30 Sep 2019 12:05

Tgt Ion:152 Resp: 184678
Ion Ratio Lower Upper
152 100
115 55.0 27.3 81.9
150 156.3 0.0 349.0

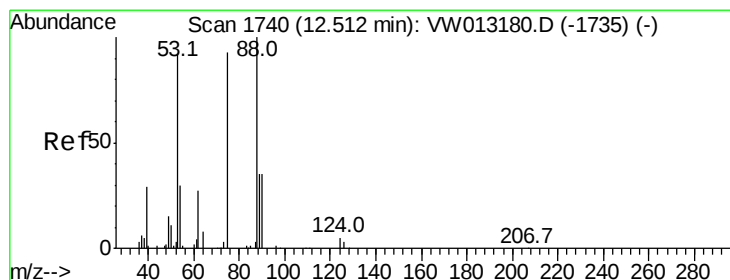
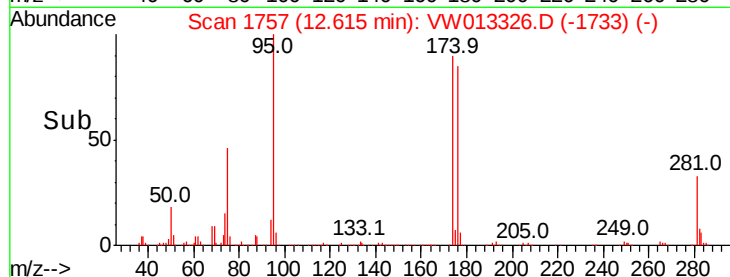
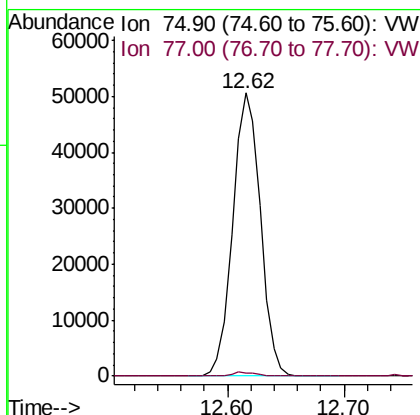
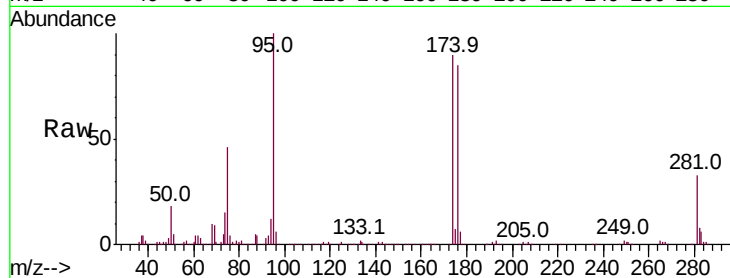




#76
 1,2,3-Trichloropropane
 Concen: 51.379 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW013326.D
 Acq: 30 Sep 2019 12:05

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 83796
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 115.289 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW013326.D
 Acq: 30 Sep 2019 12:05

Tgt Ion: 75 Resp: 83796
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.6 114.8#
 89 0.3 33.5 50.3#

