

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092419\
 Data File : VW013272.D
 Acq On : 24 Sep 2019 13:29
 Operator : SY/VA
 Sample : K4957-07RE
 Misc : 5.01G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-33-10.5-11.0

Quant Time: Sep 25 07:10:24 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	250703	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	366908	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	303339	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	133260	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	93615	45.75	ug/l	0.00
Spiked Amount			Recovery	=	91.50%	
35) Dibromofluoromethane	7.88	113	100252	49.68	ug/l	0.00
Spiked Amount			Recovery	=	99.36%	
50) Toluene-d8	10.32	98	419036	49.62	ug/l	0.00
Spiked Amount			Recovery	=	99.24%	
62) 4-Bromofluorobenzene	12.62	95	131542	45.60	ug/l	0.00
Spiked Amount			Recovery	=	91.20%	

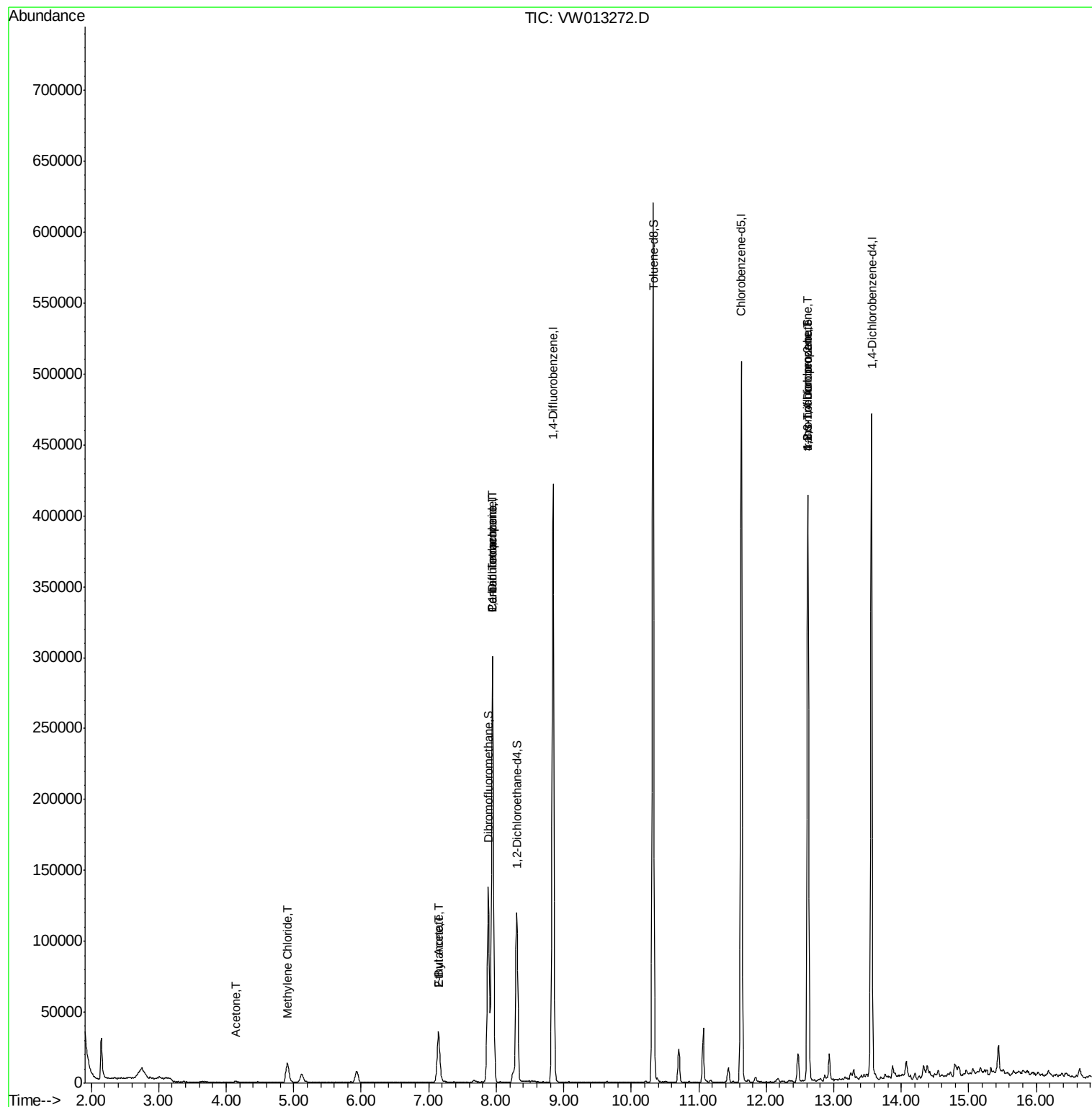
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	322	Below Cal	#	73
16) Acetone	4.15	43	2064	4.473	ug/l #	82
20) Methylene Chloride	4.90	84	10768	1.760	ug/l #	87
25) 2-Butanone	7.14	43	2050	2.960	ug/l #	77
26) 2,2-Dichloropropane	7.14	77	2502	Below Cal	#	52
36) 1,1-Dichloropropene	7.95	75	16072	4.523	ug/l #	49
37) Ethyl Acetate	7.14	43	2050	1.357	ug/l #	1
38) Carbon Tetrachloride	7.94	117	21952	6.891	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	60709	51.586	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	60709	115.753	ug/l #	12

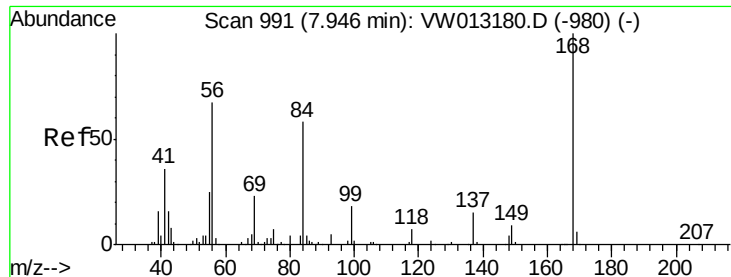
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW092419\
Data File : VW013272.D
Acq On : 24 Sep 2019 13:29
Operator : SY/VA
Sample : K4957-07RE
Misc : 5.01G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-33-10.5-11.0

Quant Time: Sep 25 07:10:24 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: VW013272.D

Acq: 24 Sep 2019 13:29

Instrument :

MSVOA_W

ClientSampleId :

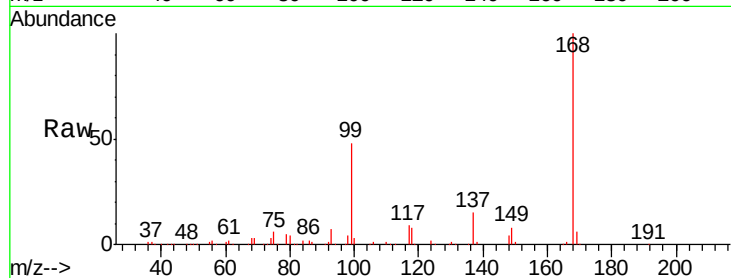
SB-33-10.5-11.0

Tgt Ion: 168 Resp: 250703

Ion Ratio Lower Upper

168 100

99 48.0 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

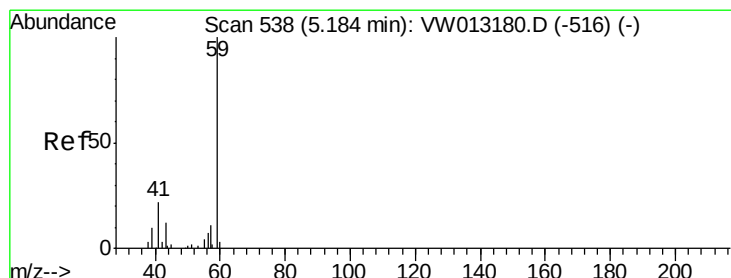
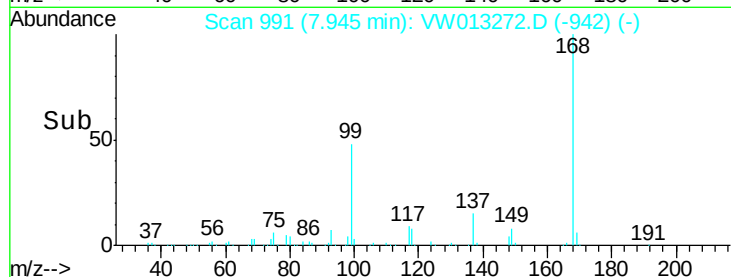
100000

50000

0

7.90 8.00

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.20 min Scan# 541

Delta R.T. 0.02 min

Lab File: VW013272.D

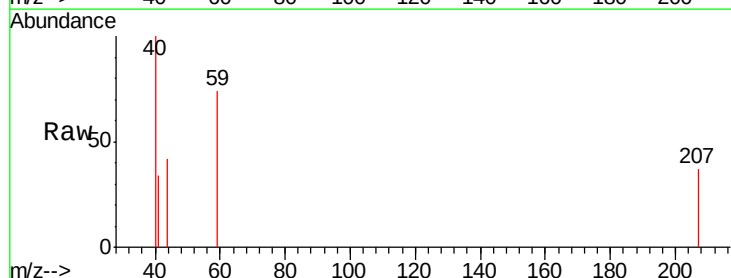
Acq: 24 Sep 2019 13:29

Tgt Ion: 59 Resp: 322

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

300

250

200

150

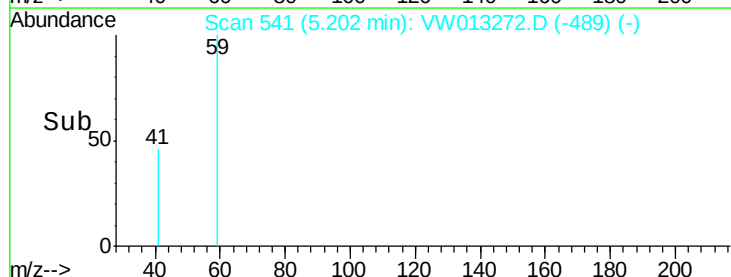
100

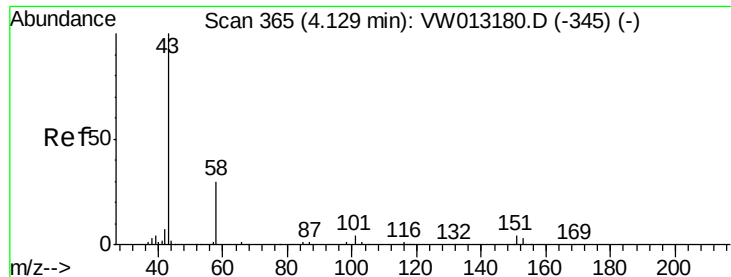
50

0

5.18 5.20 5.22 5.24

Time-->





#16

Acetone

Concen: 4.473 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW013272.D

Acq: 24 Sep 2019 13:29

Instrument :

MSVOA_W

ClientSampleId :

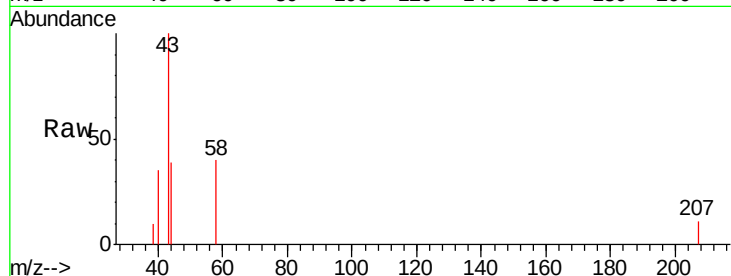
SB-33-10.5-11.0

Tgt Ion: 43 Resp: 2064

Ion Ratio Lower Upper

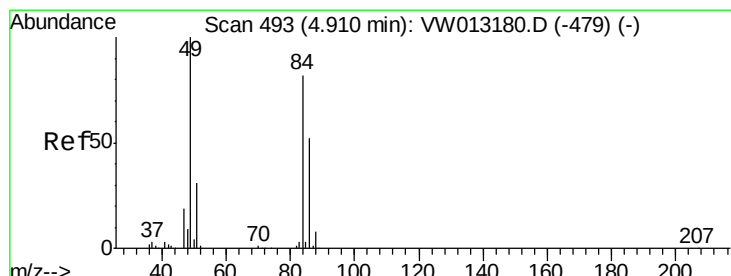
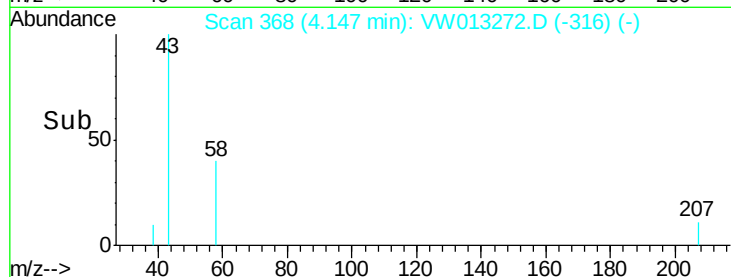
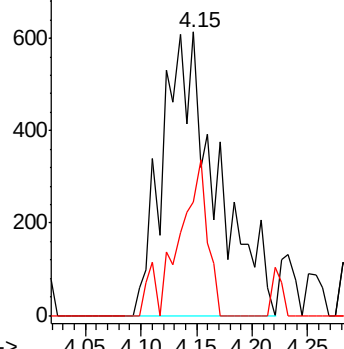
43 100

58 40.0 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 1.760 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW013272.D

Acq: 24 Sep 2019 13:29

Tgt Ion: 84 Resp: 10768

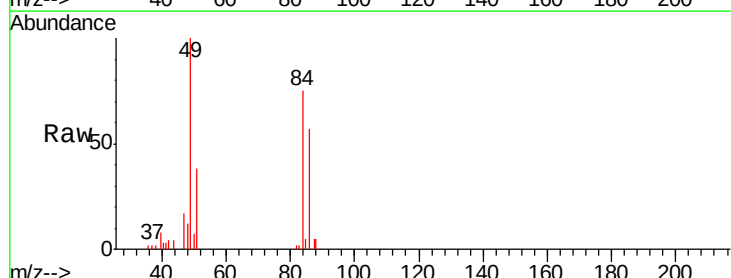
Ion Ratio Lower Upper

84 100

49 131.5 97.6 146.4

51 50.5 30.2 45.2#

86 76.8 50.6 76.0#

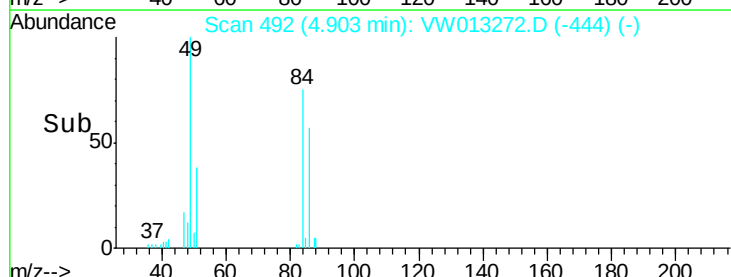
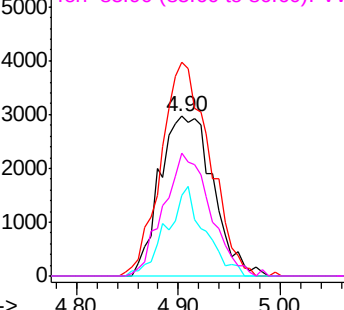


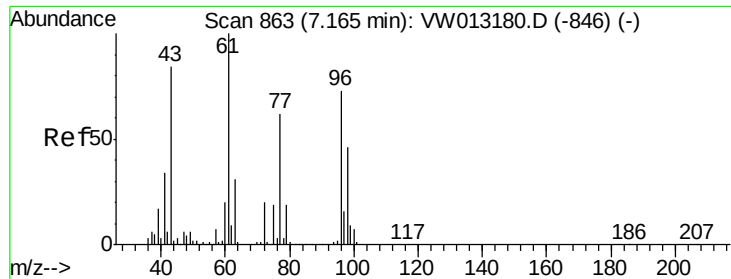
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#25

2-Butanone

Concen: 2.960 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: VW013272.D

Acq: 24 Sep 2019 13:29

Instrument :

MSVOA_W

ClientSampleId :

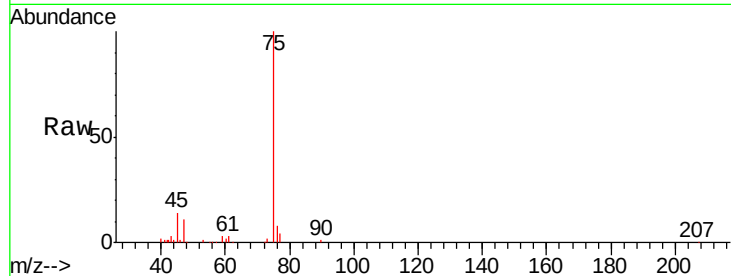
SB-33-10.5-11.0

Tgt Ion: 43 Resp: 2050

Ion Ratio Lower Upper

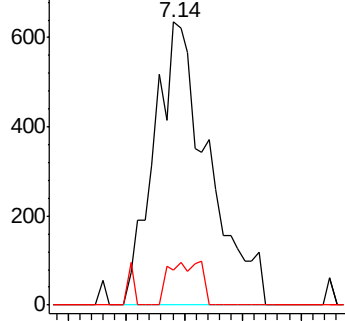
43 100

72 12.6 19.4 29.0#

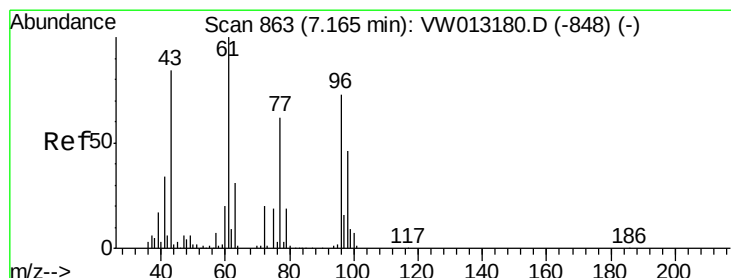
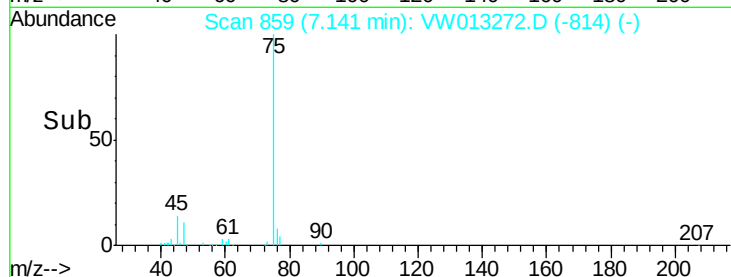


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



Time-->



#26

2,2-Dichloropropane

Concen: Below Cal

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: VW013272.D

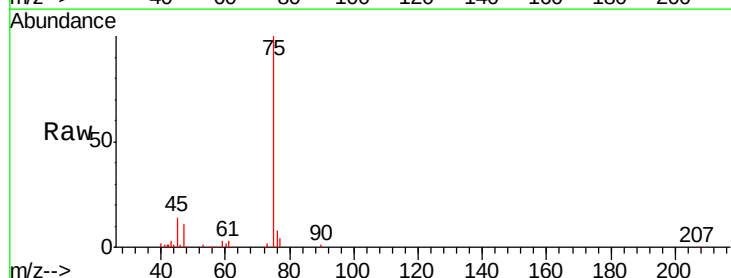
Acq: 24 Sep 2019 13:29

Tgt Ion: 77 Resp: 2502

Ion Ratio Lower Upper

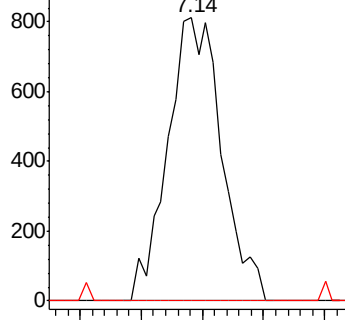
77 100

97 0.0 11.8 35.4#

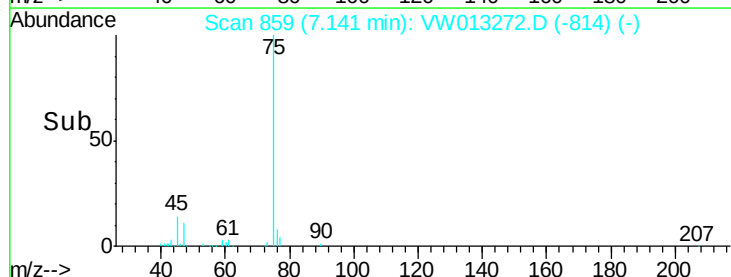


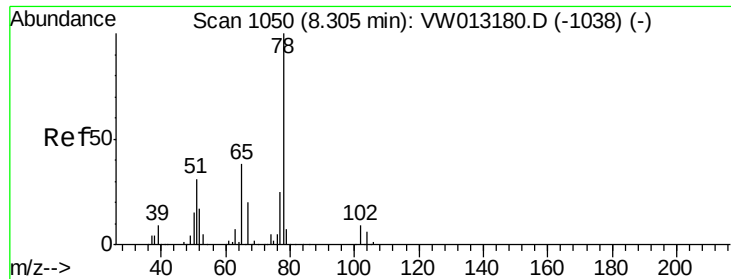
Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



Time-->

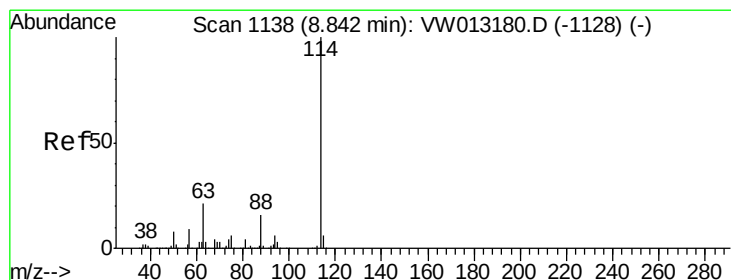
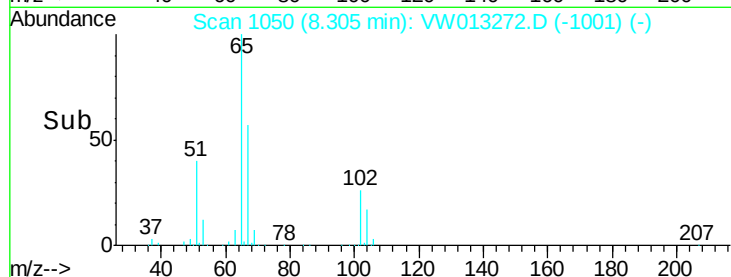
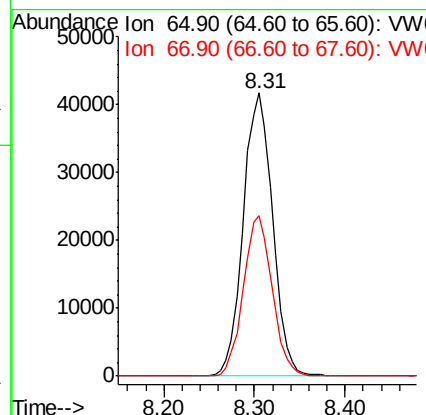
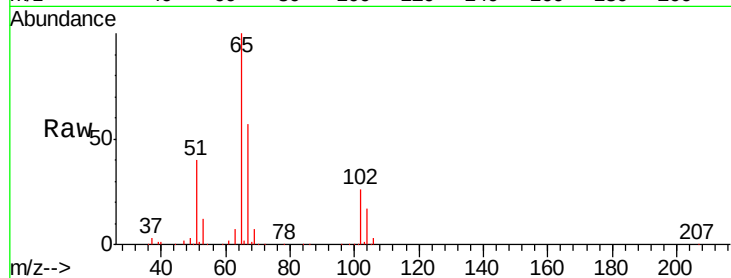




#33
 1,2-Dichloroethane-d4
 Concen: 45.753 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013272.D
 Acq: 24 Sep 2019 13:29

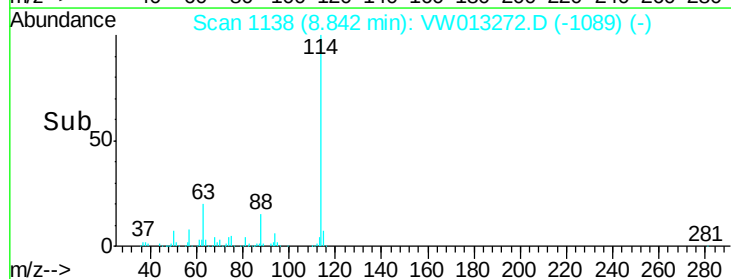
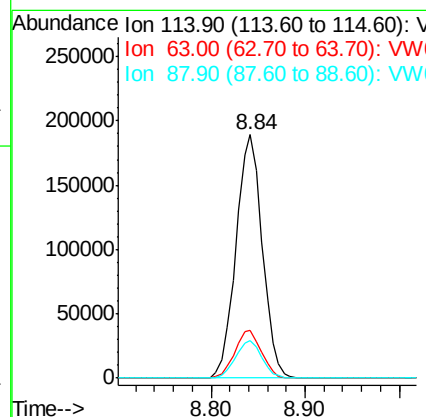
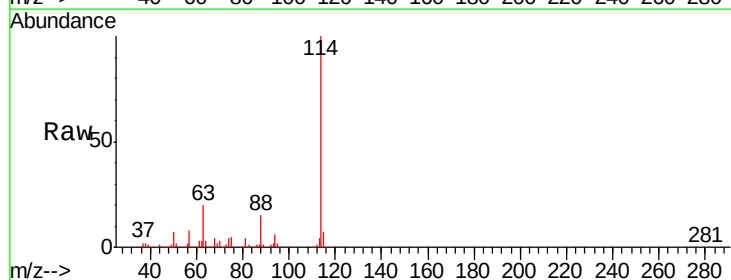
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-33-10.5-11.0

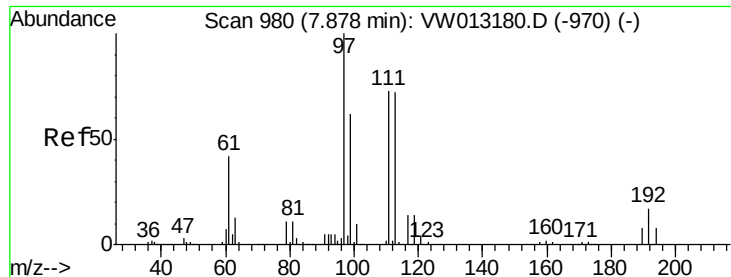
Tgt Ion: 65 Resp: 93615
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013272.D
 Acq: 24 Sep 2019 13:29

Tgt Ion: 114 Resp: 366908
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 41.4
 88 15.3 0.0 32.0





#35

Dibromofluoromethane

Concen: 49.679 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW013272.D

Acq: 24 Sep 2019 13:29

Instrument :

MSVOA_W

ClientSampleId :

SB-33-10.5-11.0

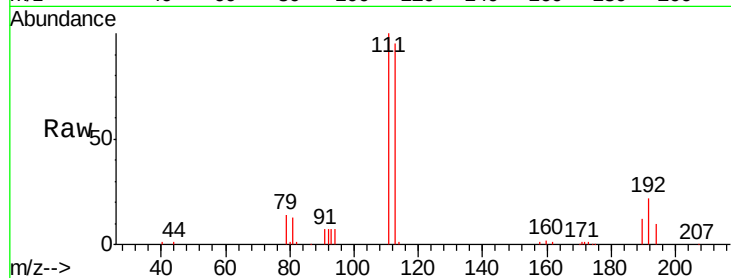
Tgt Ion:113 Resp: 100252

Ion Ratio Lower Upper

113 100

111 102.0 81.9 122.9

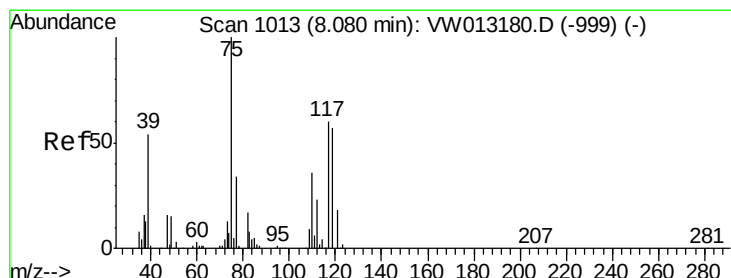
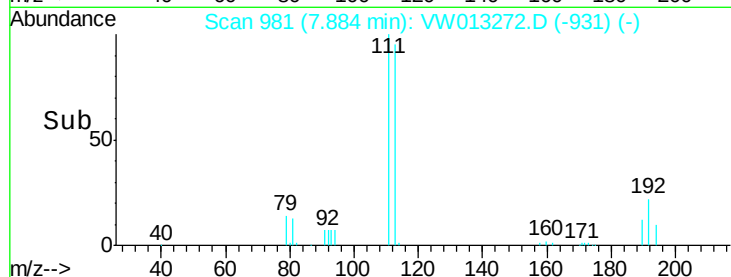
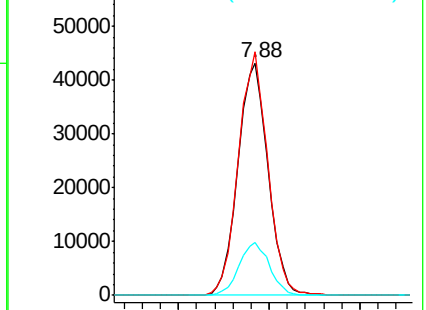
192 22.7 19.1 28.7



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: 4.523 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW013272.D

Acq: 24 Sep 2019 13:29

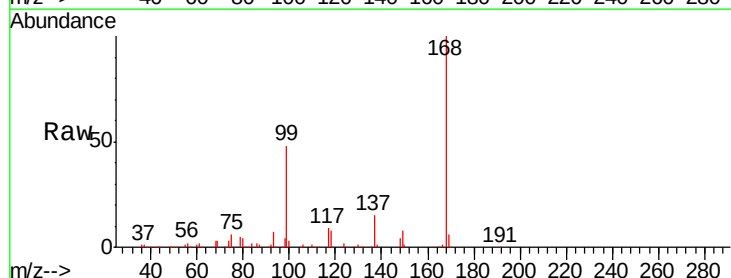
Tgt Ion: 75 Resp: 16072

Ion Ratio Lower Upper

75 100

110 9.7 18.1 54.3#

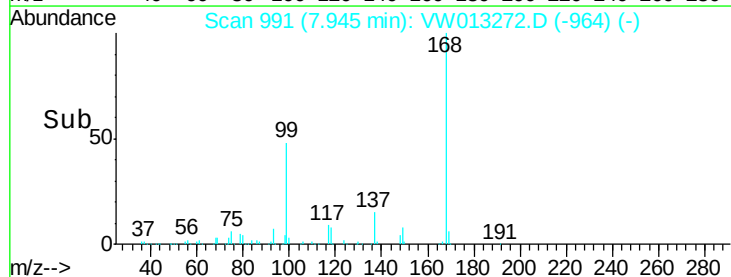
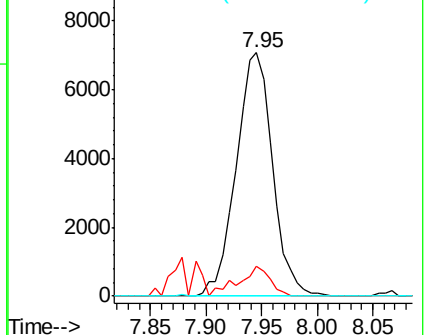
77 0.0 25.8 38.6#

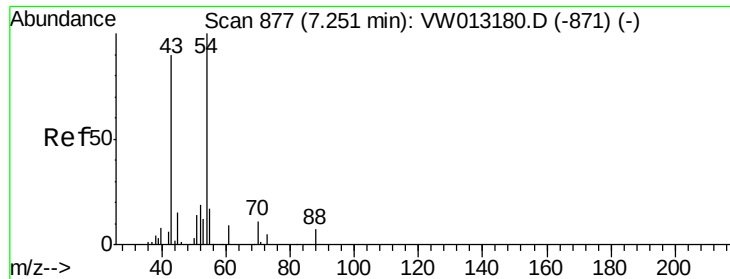


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

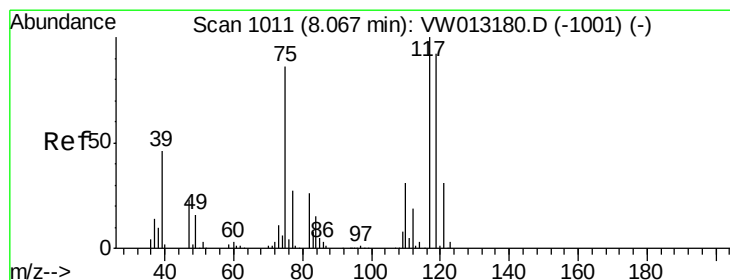
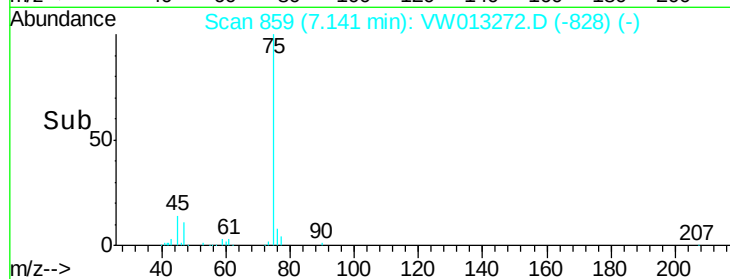
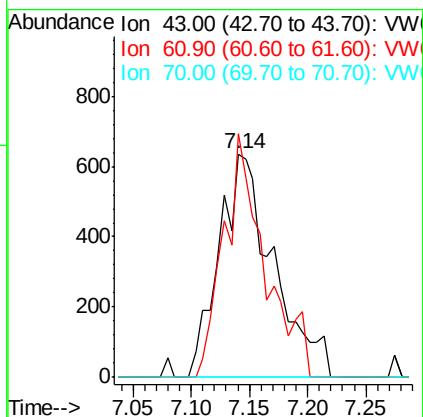
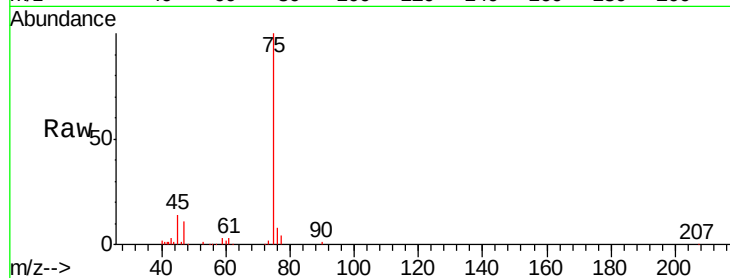




#37
Ethyl Acetate
Concen: 1.357 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.11 min
Lab File: VW013272.D
Acq: 24 Sep 2019 13:29

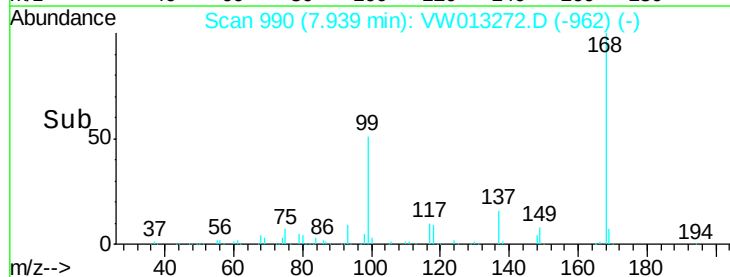
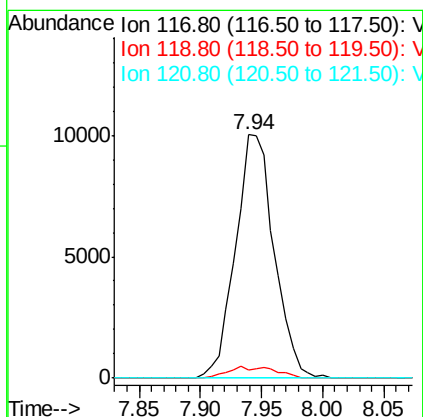
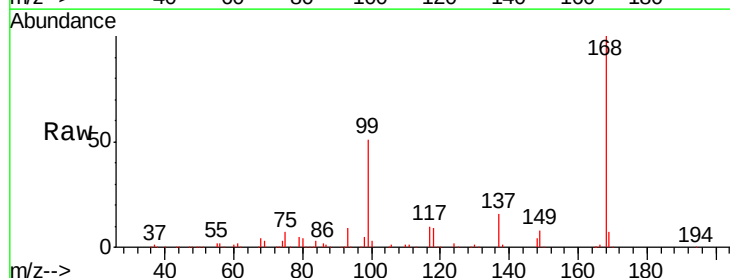
Instrument :
MSVOA_W
ClientSampleId :
SB-33-10.5-11.0

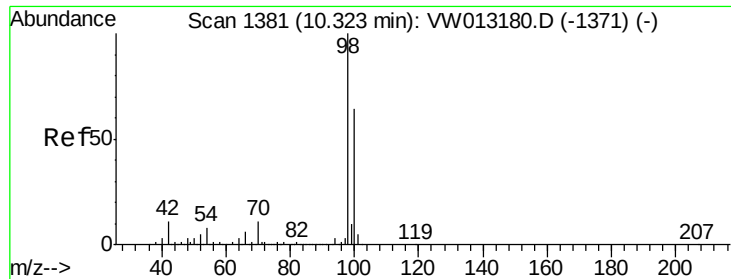
Tgt Ion: 43 Resp: 2050
Ion Ratio Lower Upper
43 100
61 82.6 10.9 16.3#
70 0.0 8.2 12.2#



#38
Carbon Tetrachloride
Concen: 6.891 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.13 min
Lab File: VW013272.D
Acq: 24 Sep 2019 13:29

Tgt Ion: 117 Resp: 21952
Ion Ratio Lower Upper
117 100
119 3.5 73.5 110.3#
121 0.0 25.0 37.6#

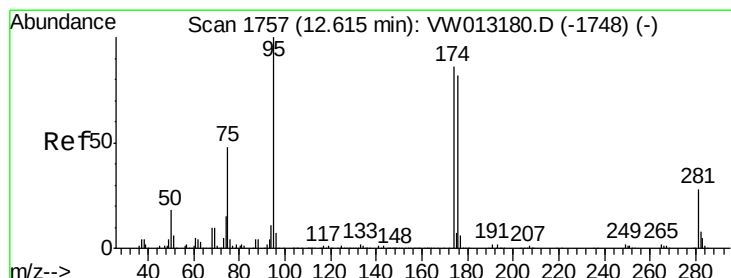
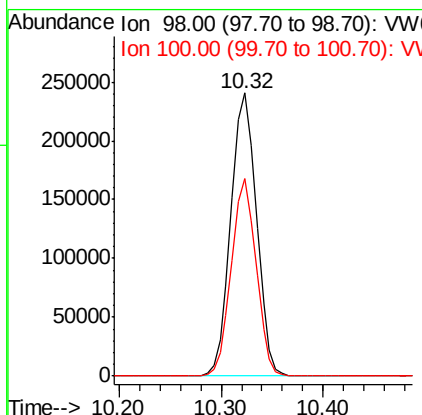
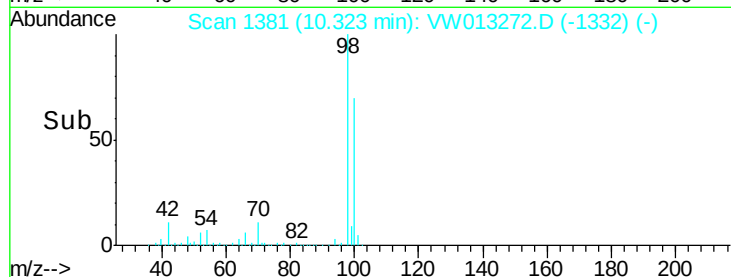
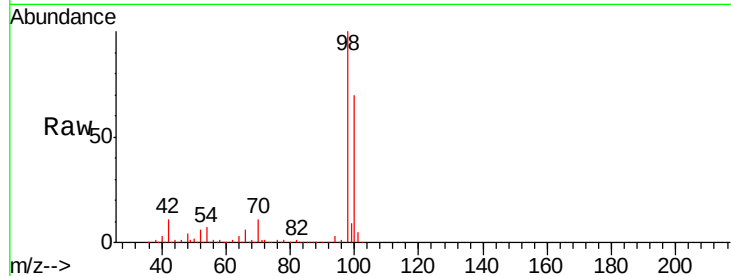




#50
Toluene-d8
Concen: 49.616 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013272.D
Acq: 24 Sep 2019 13:29

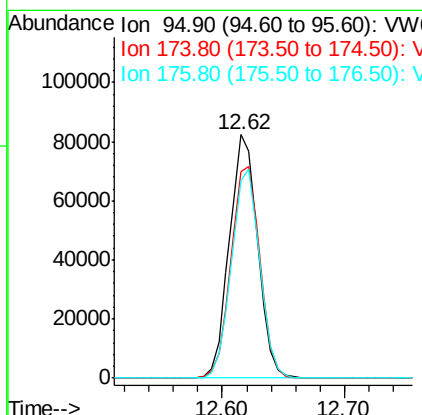
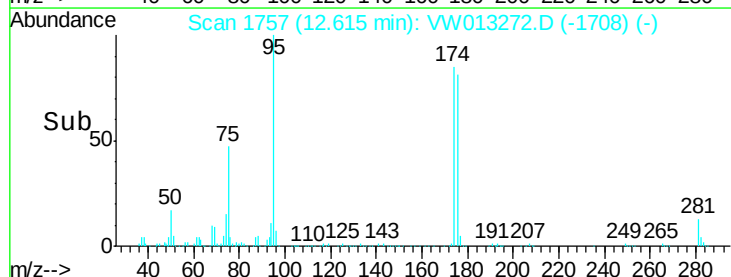
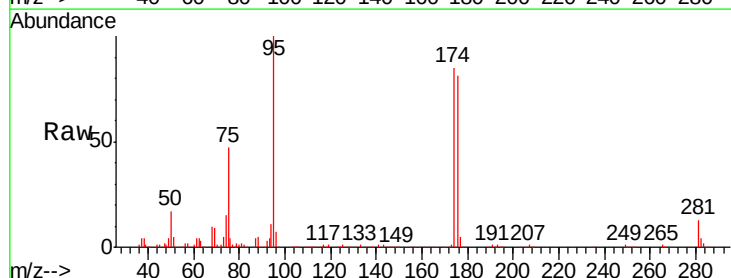
Instrument :
MSVOA_W
ClientSampleId :
SB-33-10.5-11.0

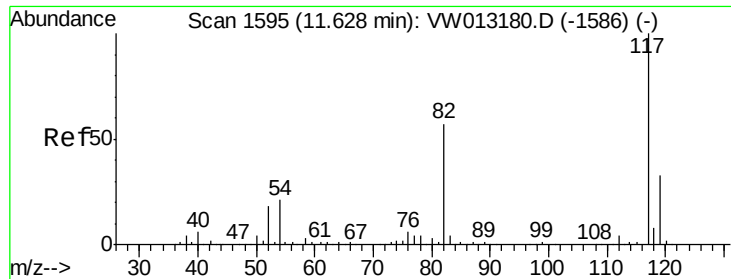
Tgt Ion: 98 Resp: 419036
Ion Ratio Lower Upper
98 100
100 67.4 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 45.596 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013272.D
Acq: 24 Sep 2019 13:29

Tgt Ion: 95 Resp: 131542
Ion Ratio Lower Upper
95 100
174 88.7 0.0 178.4
176 85.4 0.0 172.2

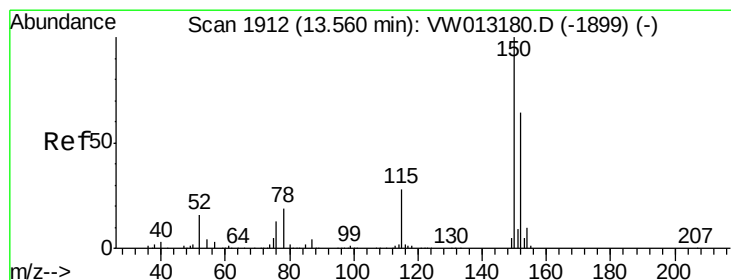
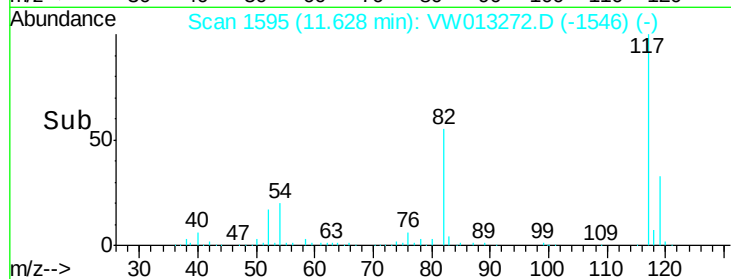
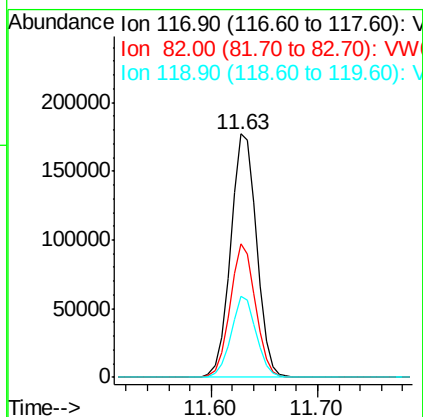
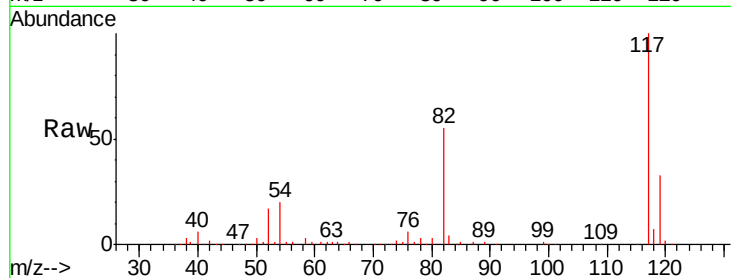




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013272.D
Acq: 24 Sep 2019 13:29

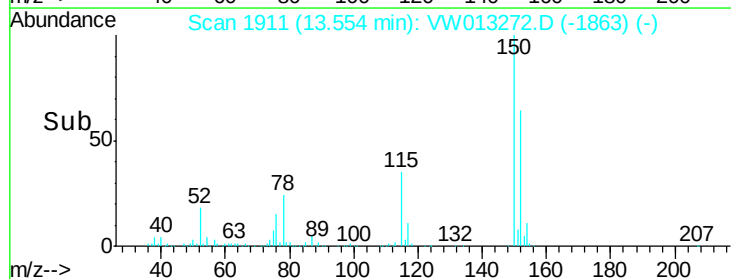
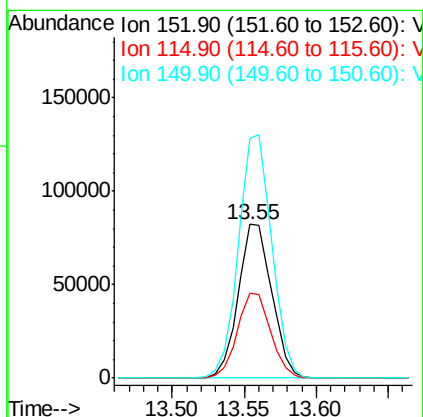
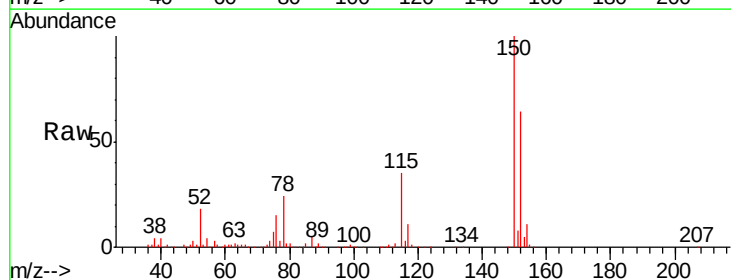
Instrument :
MSVOA_W
ClientSampleId :
SB-33-10.5-11.0

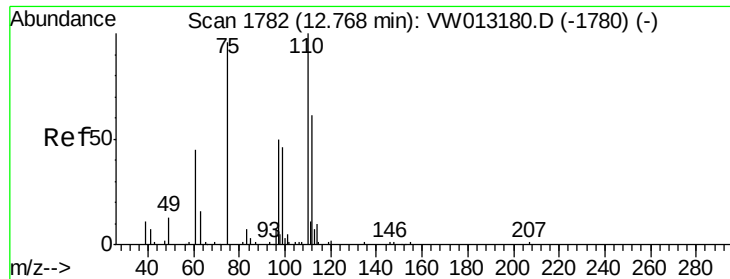
Tgt Ion:117 Resp: 303339
Ion Ratio Lower Upper
117 100
82 55.1 45.9 68.9
119 33.1 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013272.D
Acq: 24 Sep 2019 13:29

Tgt Ion:152 Resp: 133260
Ion Ratio Lower Upper
152 100
115 54.9 27.3 81.9
150 157.0 0.0 349.0





#76

1,2,3-Trichloropropane

Concen: 51.586 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013272.D

Acq: 24 Sep 2019 13:29

Instrument :

MSVOA_W

ClientSampleId :

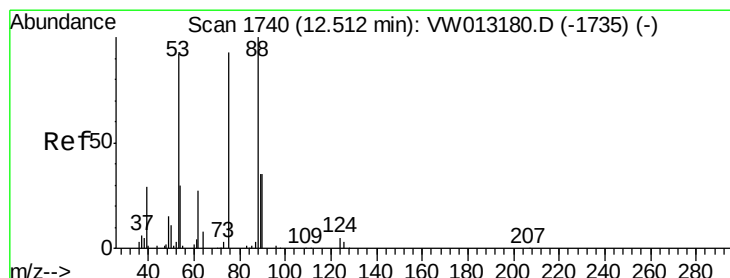
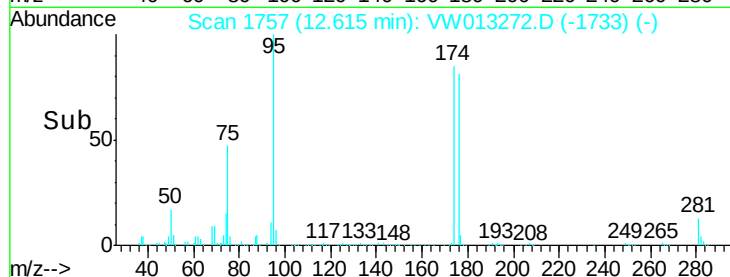
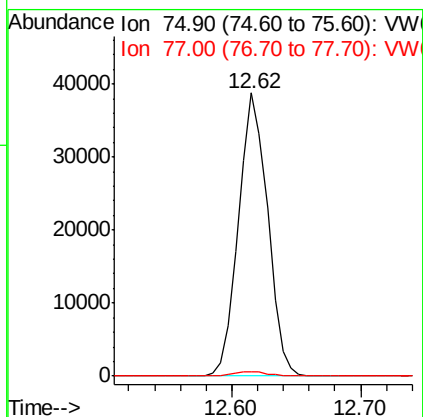
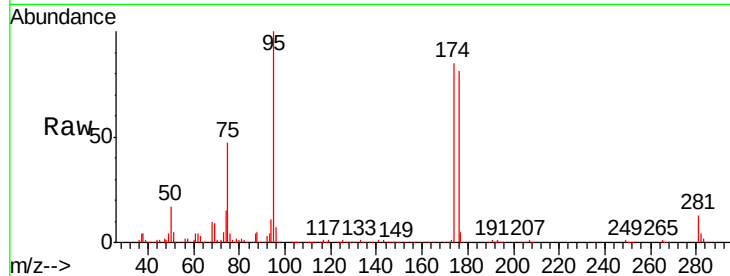
SB-33-10.5-11.0

Tgt Ion: 75 Resp: 60709

Ion Ratio Lower Upper

75 100

77 1.8 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 115.753 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013272.D

Acq: 24 Sep 2019 13:29

Tgt Ion: 75 Resp: 60709

Ion Ratio Lower Upper

75 100

53 0.0 76.6 114.8#

89 0.2 33.5 50.3#

