

Data File : VW012762.D
Acq On : 08 Sep 2019 12:06
Operator : SY/VA
Sample : VW0908SBL01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0908SBL01

Quant Time: Sep 09 05:55:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	217973	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	331074	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	280749	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	118703	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	126649	52.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.00%	
35) Dibromofluoromethane	7.88	113	98809	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
50) Toluene-d8	10.32	98	402164	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	
62) 4-Bromofluorobenzene	12.62	95	122436	43.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.48%	

Target Compounds

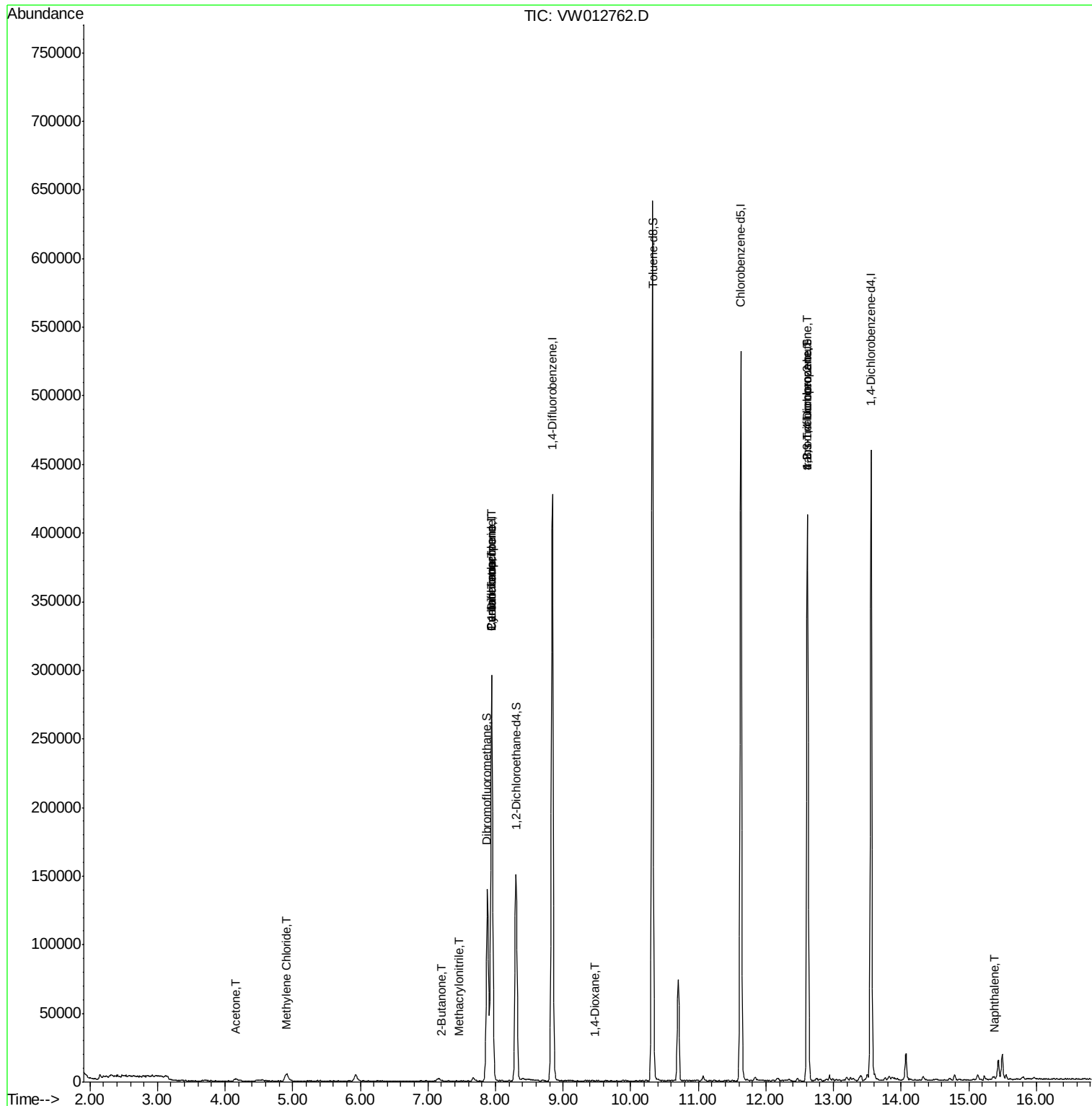
						Qvalue
16) Acetone	4.16	43	4111	6.192	ug/l	93
20) Methylene Chloride	4.91	84	4053	1.951	ug/l #	86
25) 2-Butanone	7.20	43	254	19.920	ug/l #	53
31) Cyclohexane	7.94	56	5258	1.469	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	17958	6.105	ug/l #	52
38) Carbon Tetrachloride	7.94	117	21643	7.464	ug/l #	18
41) Methacrylonitrile	7.47	41	47	3.873	ug/l #	27
49) 1,4-Dioxane	9.48	88	40	1.889	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	66453	54.748	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	66453	115.796	ug/l #	7
95) Naphthalene	15.38	128	1941	4.794	ug/l #	96

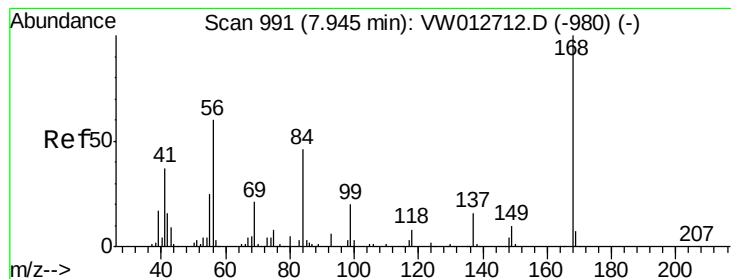
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012762.D

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Instrument :

MSVOA_W

ClientSampleId :

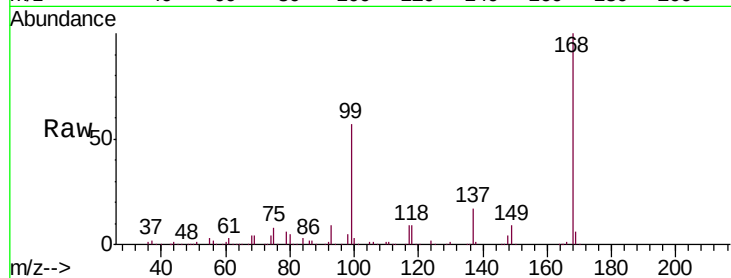
VW0908SBL01

Tgt Ion:168 Resp: 217973

Ion Ratio Lower Upper

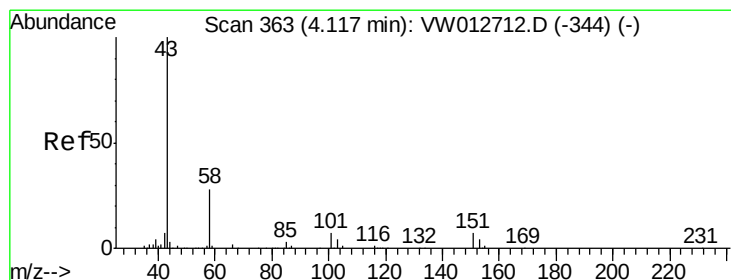
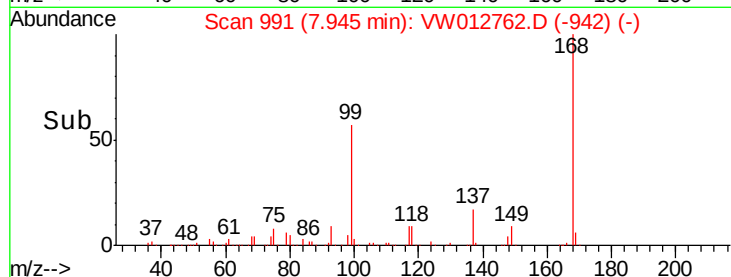
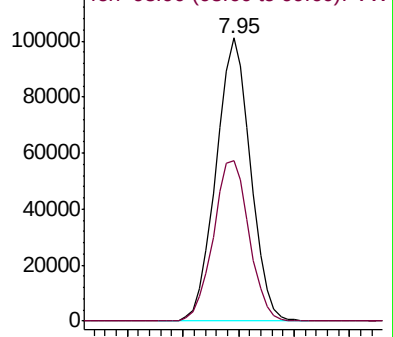
168 100

99 56.8 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 6.192 ug/l

RT: 4.16 min Scan# 370

Delta R.T. 0.04 min

Lab File: VW012762.D

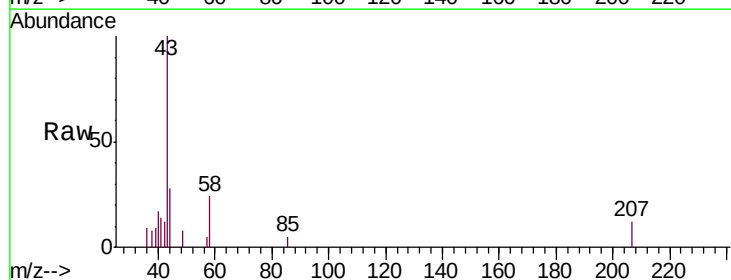
Acq: 08 Sep 2019 12:06

Tgt Ion: 43 Resp: 4111

Ion Ratio Lower Upper

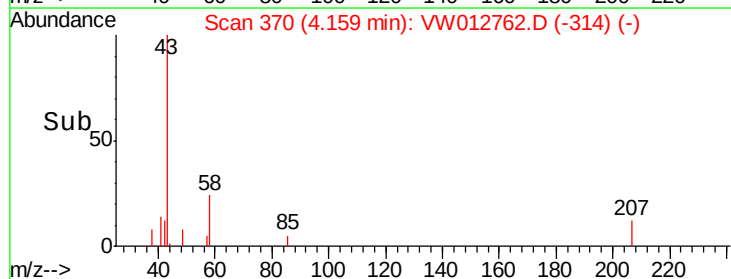
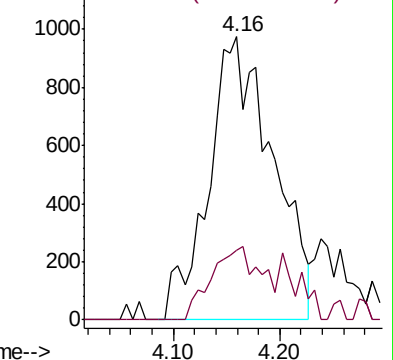
43 100

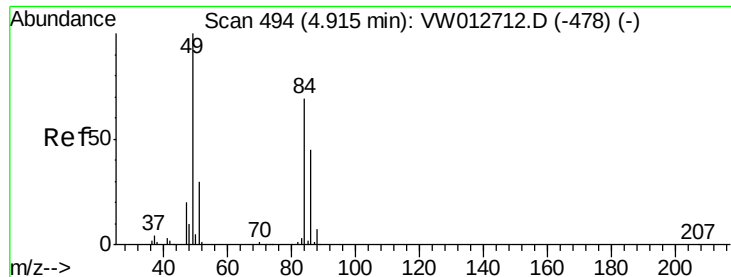
58 24.4 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

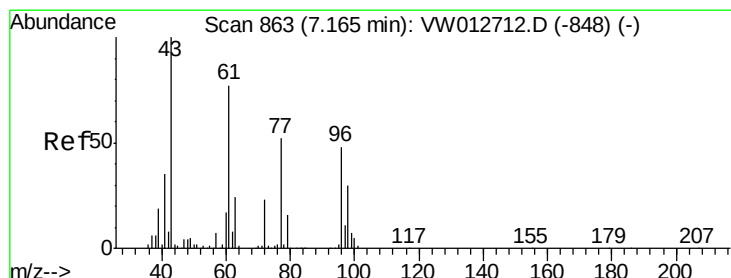
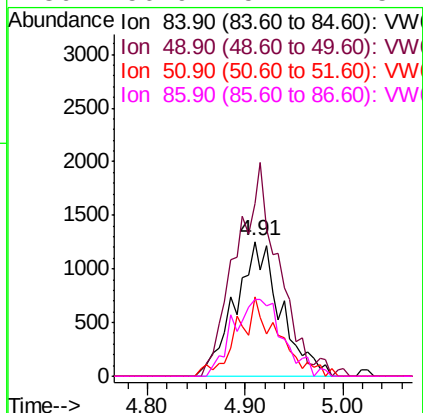
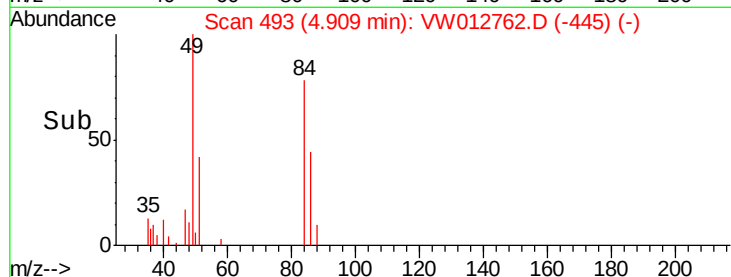
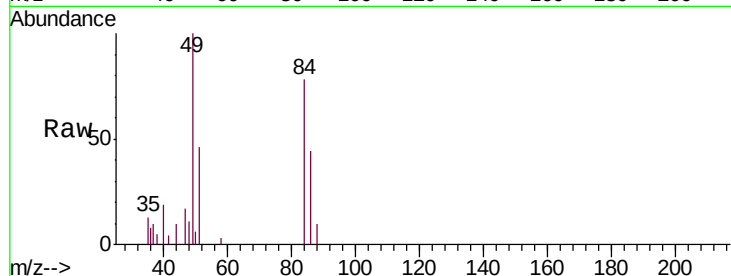




#20
Methylene Chloride
Concen: 1.951 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012762.D
Acq: 08 Sep 2019 12:06

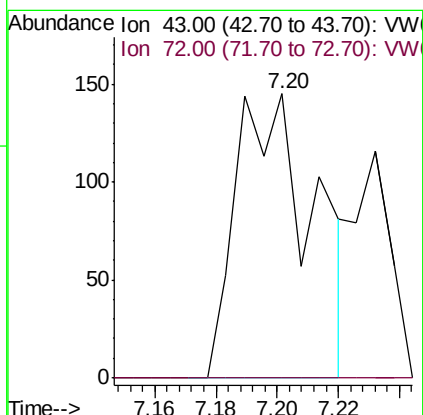
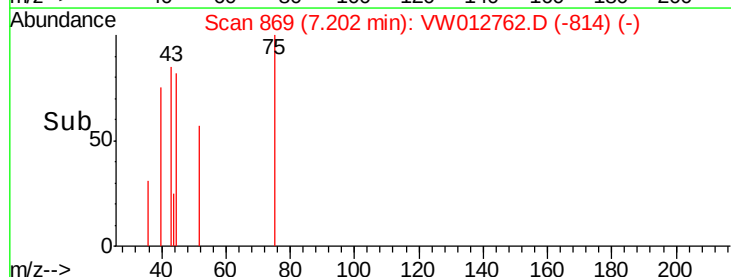
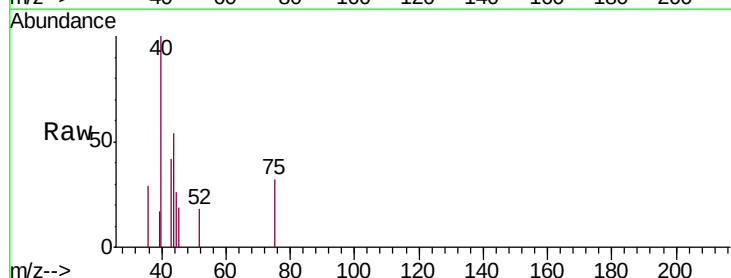
Instrument :
MSVOA_W
ClientSampleId :
VW0908SBL01

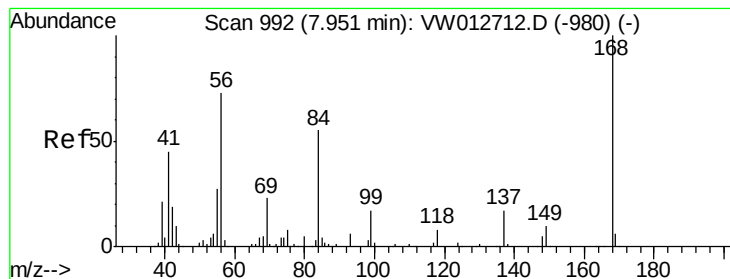
Tgt Ion: 84 Resp: 4053
Ion Ratio Lower Upper
84 100
49 128.4 115.4 173.0
51 59.0 34.9 52.3#
86 56.9 52.2 78.4



#25
2-Butanone
Concen: 19.920 ug/l
RT: 7.20 min Scan# 869
Delta R.T. 0.04 min
Lab File: VW012762.D
Acq: 08 Sep 2019 12:06

Tgt Ion: 43 Resp: 254
Ion Ratio Lower Upper
43 100
72 0.0 18.0 27.0#





#31

Cyclohexane

Concen: 1.469 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW012762.D

Acq: 08 Sep 2019 12:06

Instrument :

MSVOA_W

ClientSampleId :

VW0908SBL01

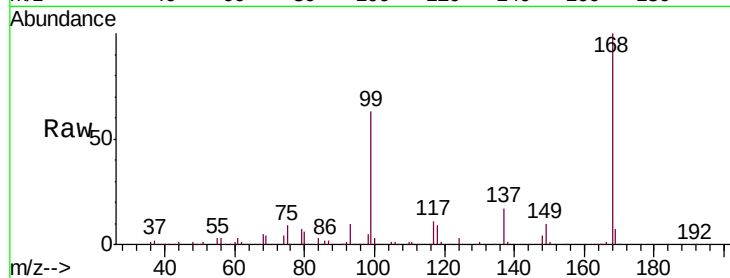
Tgt Ion: 56 Resp: 5258

Ion Ratio Lower Upper

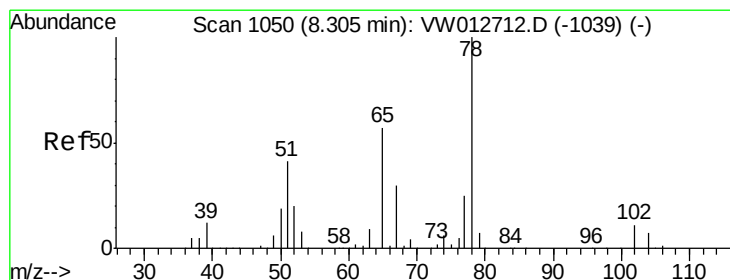
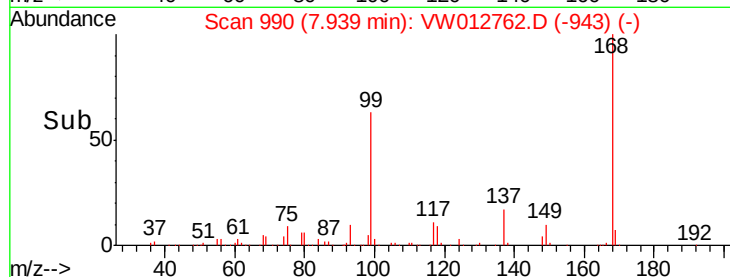
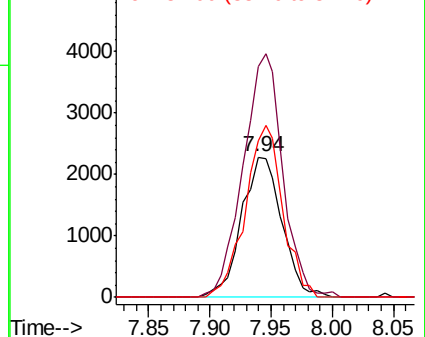
56 100

69 164.1 25.7 38.5#

84 111.9 60.4 90.6#



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: 52.002 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012762.D

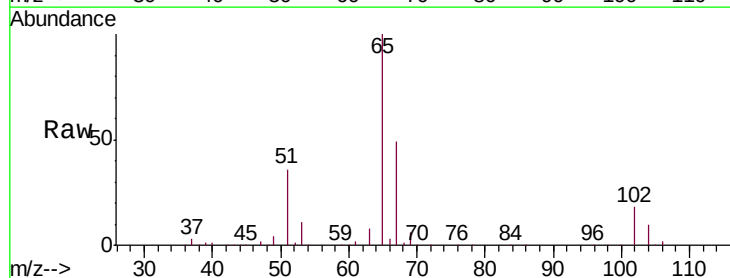
Acq: 08 Sep 2019 12:06

Tgt Ion: 65 Resp: 126649

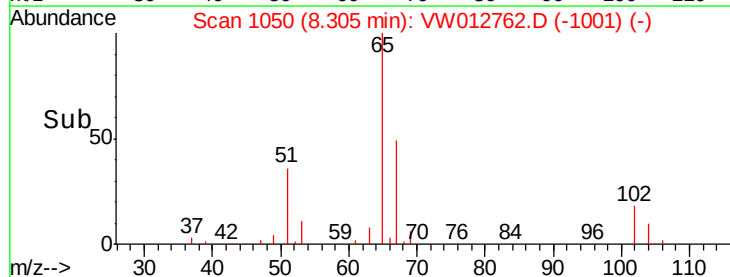
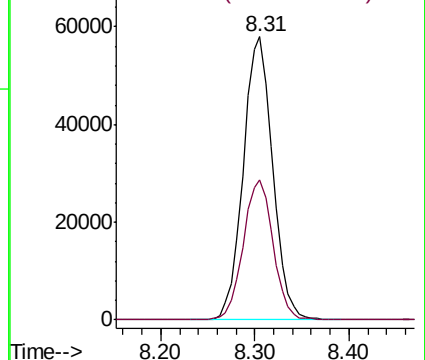
Ion Ratio Lower Upper

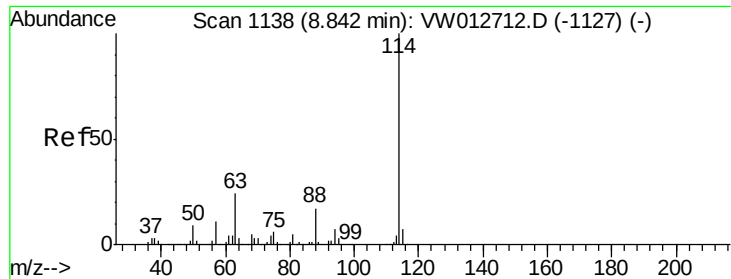
65 100

67 50.1 0.0 101.8



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

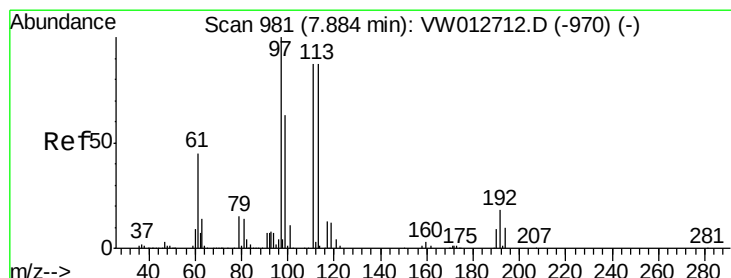
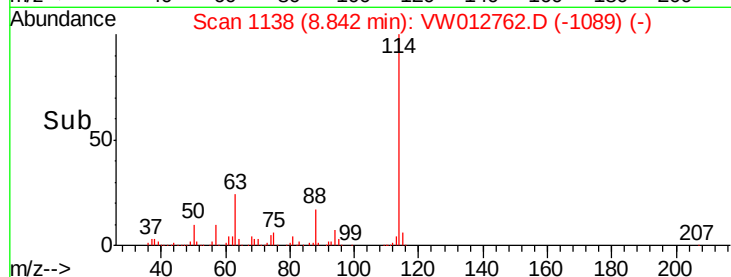
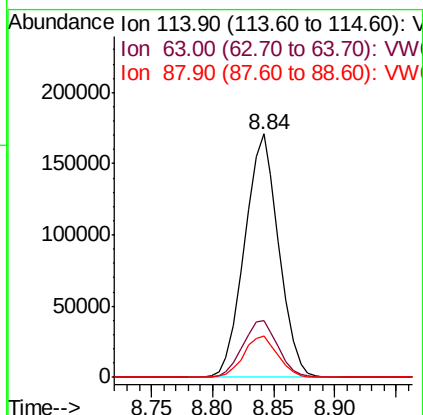
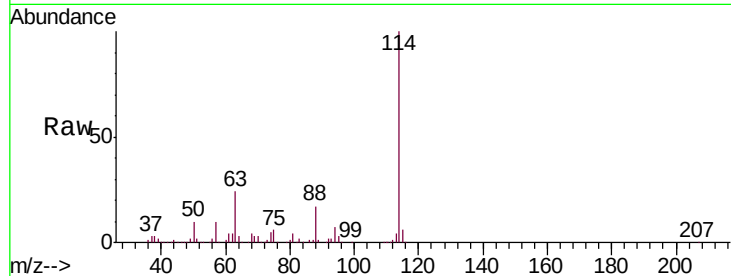




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012762.D
 Acq: 08 Sep 2019 12:06

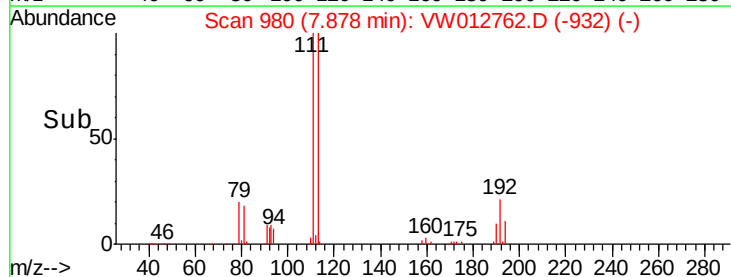
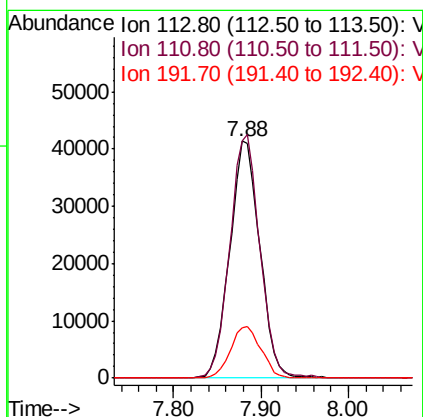
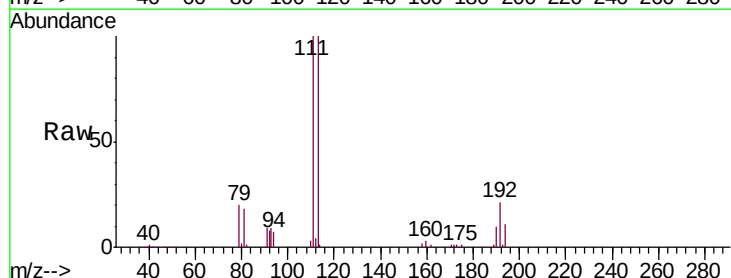
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0908SBL01

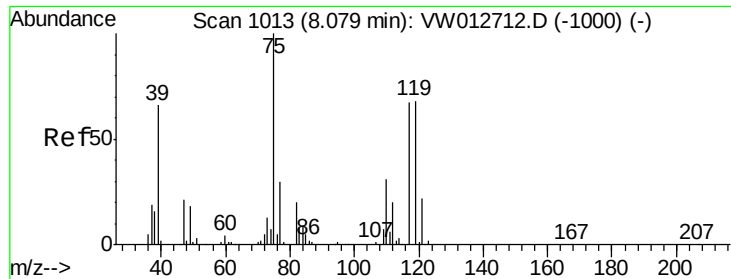
Tgt Ion:114 Resp: 331074
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 47.2
 88 16.8 0.0 34.0



#35
 Dibromofluoromethane
 Concen: 50.199 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012762.D
 Acq: 08 Sep 2019 12:06

Tgt Ion:113 Resp: 98809
 Ion Ratio Lower Upper
 113 100
 111 102.9 80.2 120.4
 192 22.1 17.3 25.9

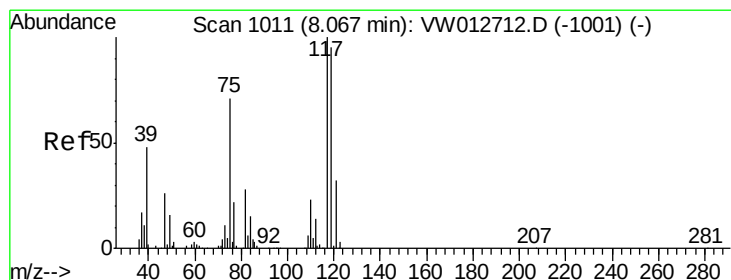
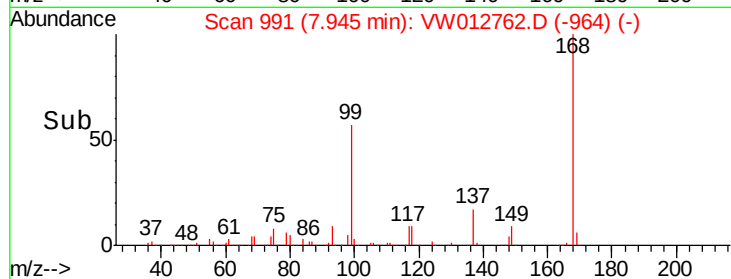
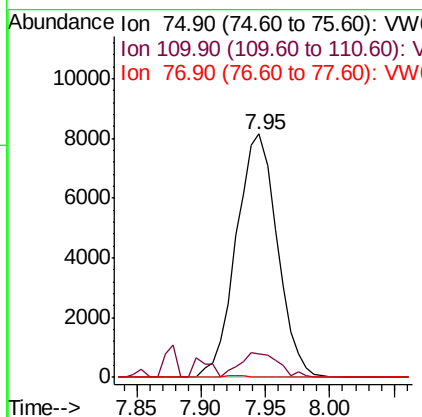
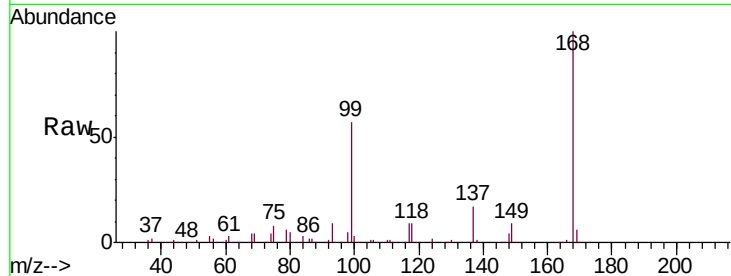




#36
 1,1-Dichloropropene
 Concen: 6.105 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012762.D
 Acq: 08 Sep 2019 12:06

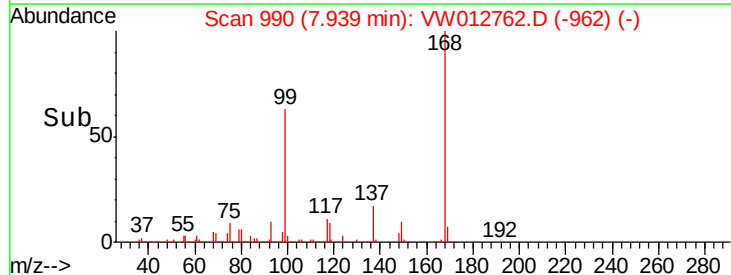
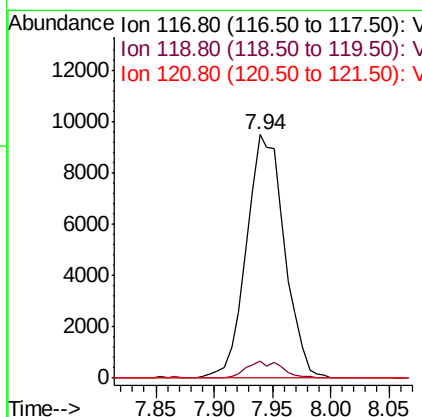
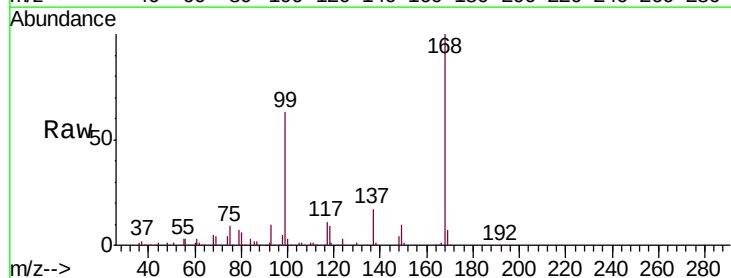
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0908SBL01

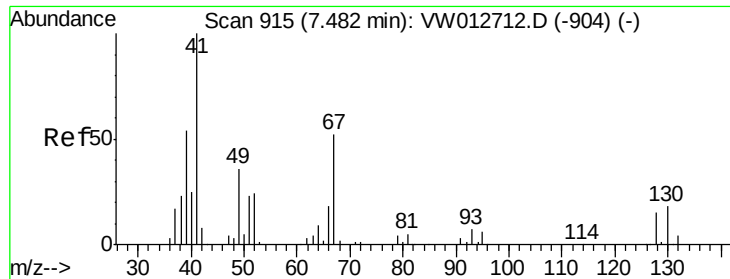
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.7	15.9	47.7#
77	0.4	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 7.464 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.13 min
 Lab File: VW012762.D
 Acq: 08 Sep 2019 12:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.9	76.2	114.2#
121	0.0	25.4	38.2#

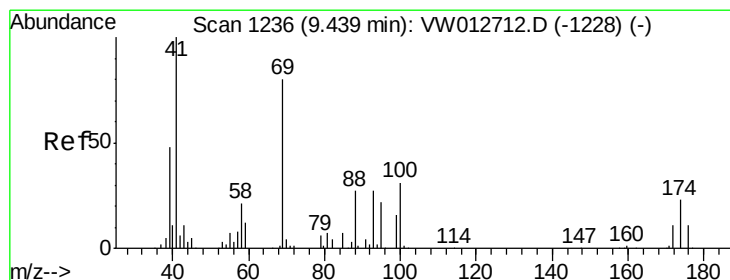
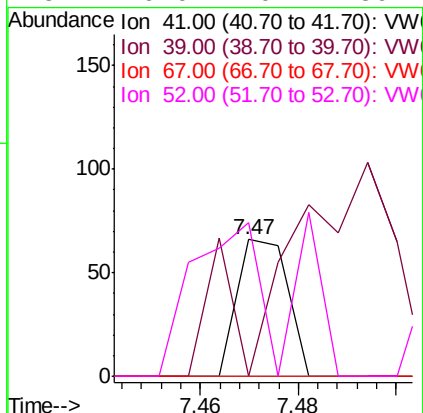
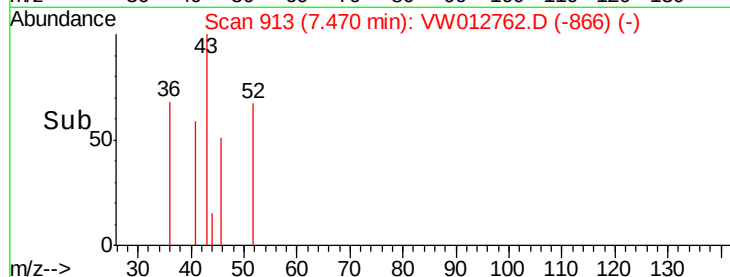
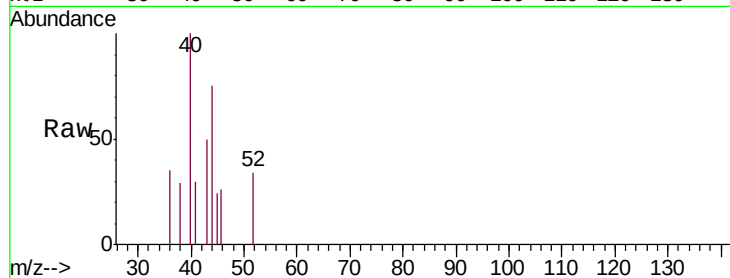




#41
Methacrylonitrile
Concen: 3.873 ug/l
RT: 7.47 min Scan# 913
Delta R.T. -0.01 min
Lab File: VW012762.D
Acq: 08 Sep 2019 12:06

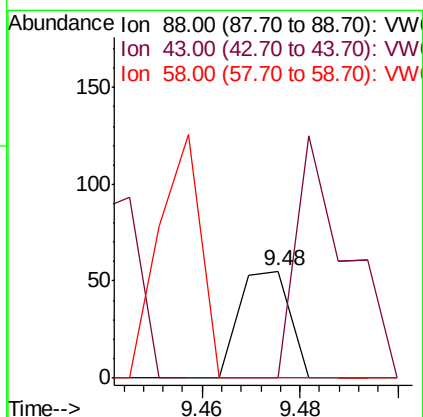
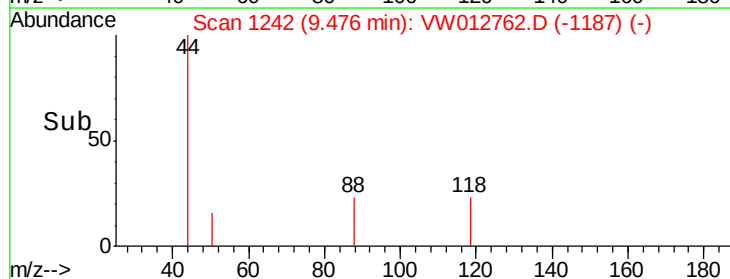
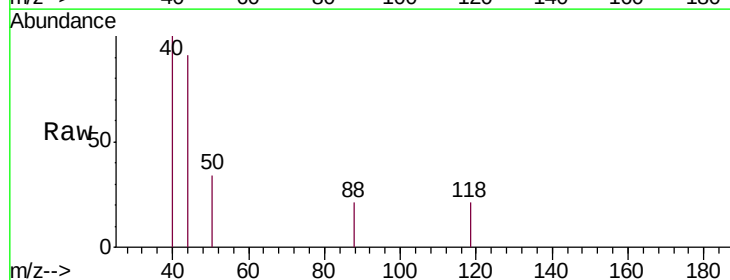
Instrument :
MSVOA_W
ClientSampleId :
VW0908SBL01

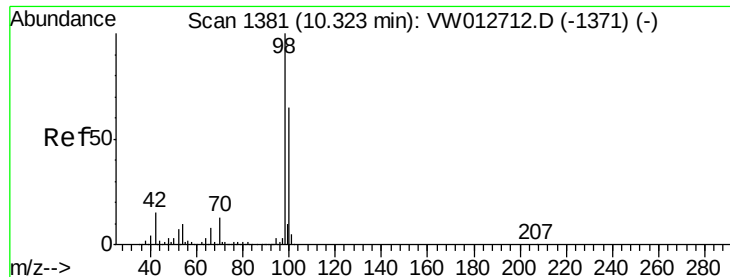
Tgt Ion:	41	Resp:	47
Ion	Ratio	Lower	Upper
41	100		
39	0.0	47.5	71.3#
67	0.0	45.1	67.7#
52	0.0	20.2	30.2#



#49
1,4-Dioxane
Concen: 1.889 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. 0.04 min
Lab File: VW012762.D
Acq: 08 Sep 2019 12:06

Tgt Ion:	88	Resp:	40
Ion	Ratio	Lower	Upper
88	100		
43	225.0	34.8	52.2#
58	0.0	64.1	96.1#





#50

Toluene-d8

Concen: 52.152 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012762.D

Acq: 08 Sep 2019 12:06

Instrument :

MSVOA_W

ClientSampleId :

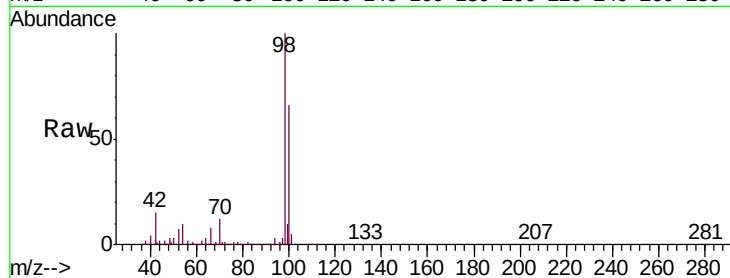
VW0908SBL01

Tgt Ion: 98 Resp: 402164

Ion Ratio Lower Upper

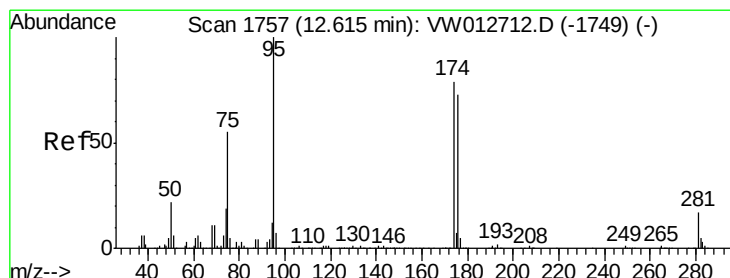
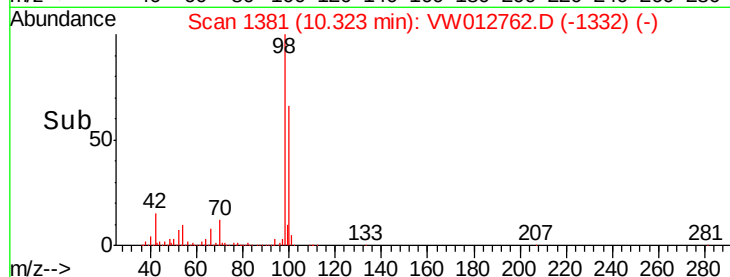
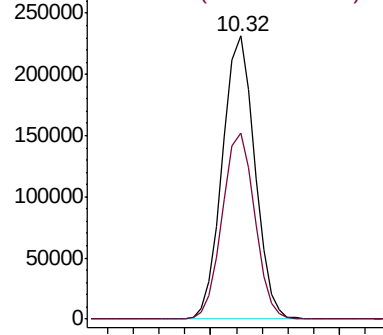
98 100

100 66.0 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 43.735 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012762.D

Acq: 08 Sep 2019 12:06

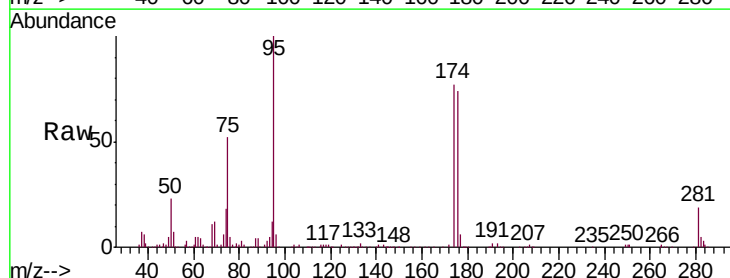
Tgt Ion: 95 Resp: 122436

Ion Ratio Lower Upper

95 100

174 80.9 0.0 161.0

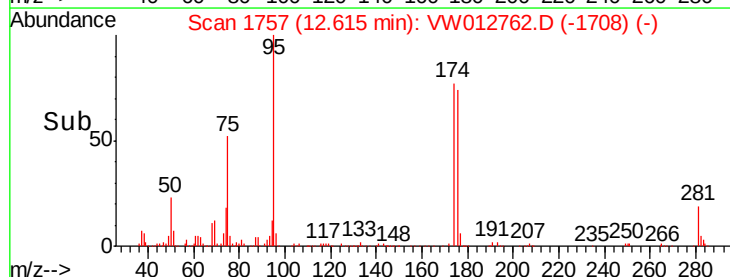
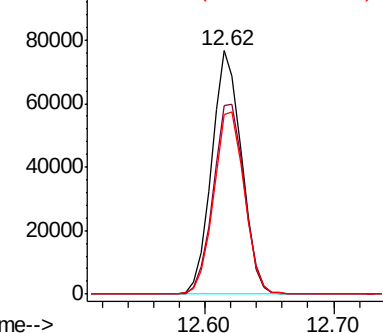
176 76.6 0.0 156.4

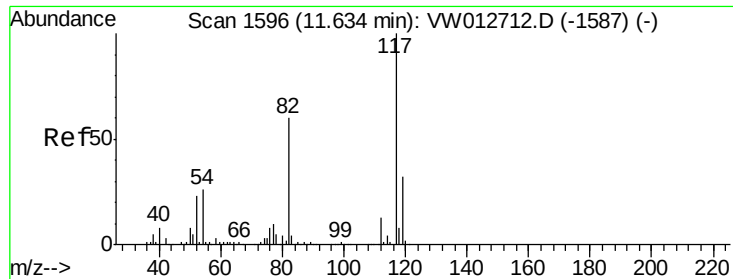


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

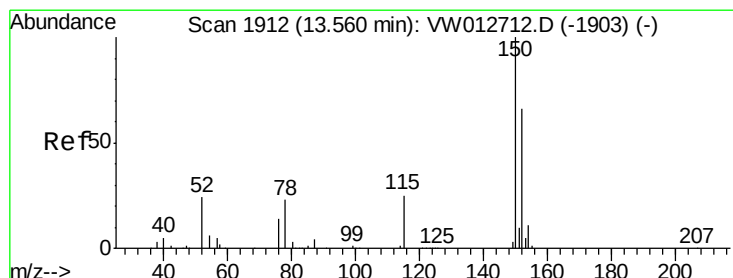
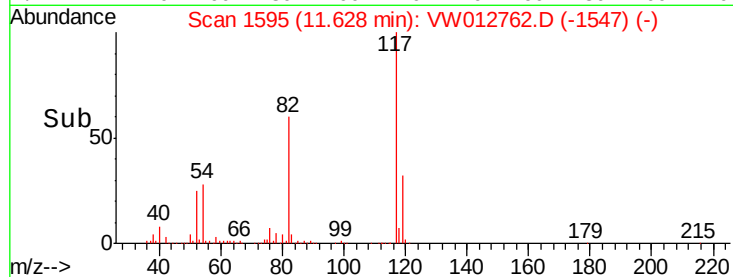
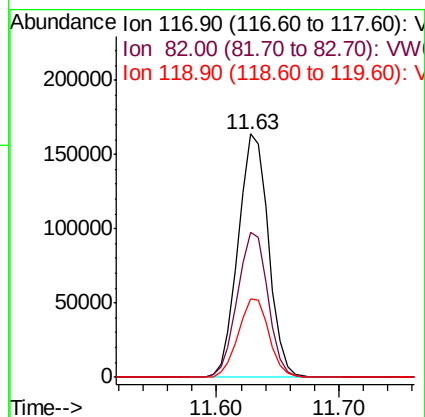
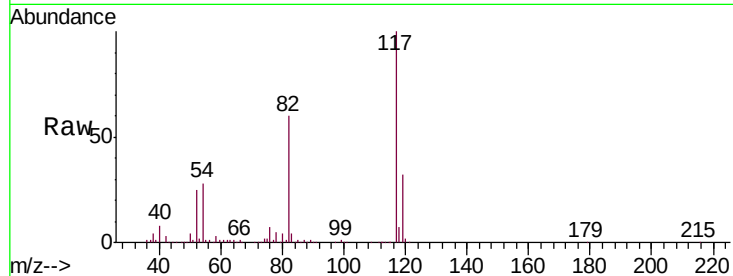




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012762.D
Acq: 08 Sep 2019 12:06

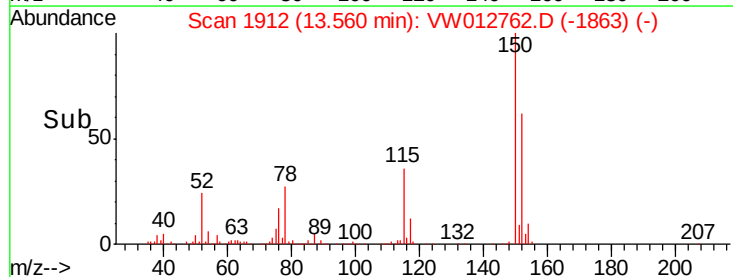
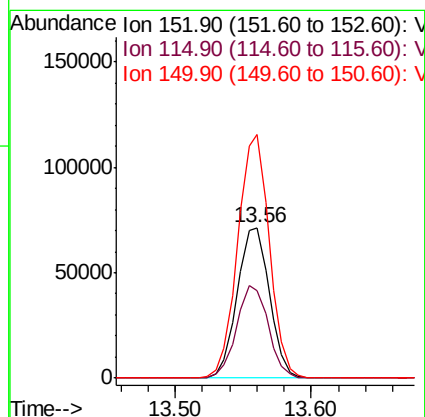
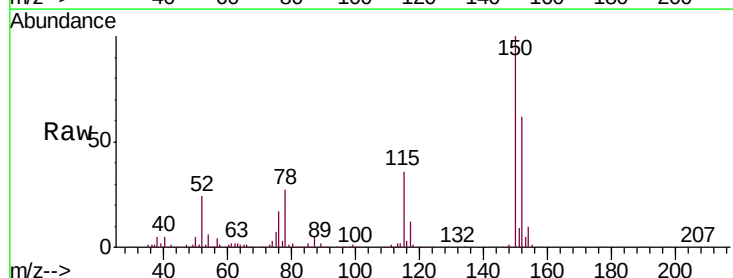
Instrument :
MSVOA_W
ClientSampleId :
VW0908SBL01

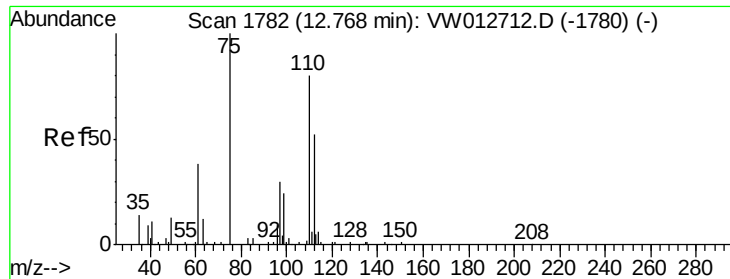
Tgt Ion:117 Resp: 280749
Ion Ratio Lower Upper
117 100
82 59.8 48.2 72.4
119 32.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW012762.D
Acq: 08 Sep 2019 12:06

Tgt Ion:152 Resp: 118703
Ion Ratio Lower Upper
152 100
115 60.1 30.0 90.1
150 157.5 0.0 349.0





#76

1,2,3-Trichloropropane

Concen: 54.748 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012762.D

Acq: 08 Sep 2019 12:06

Instrument :

MSVOA_W

ClientSampleId :

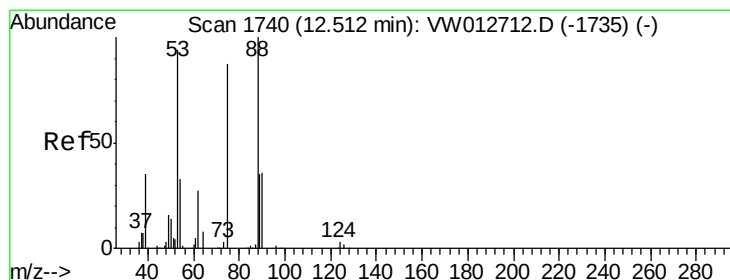
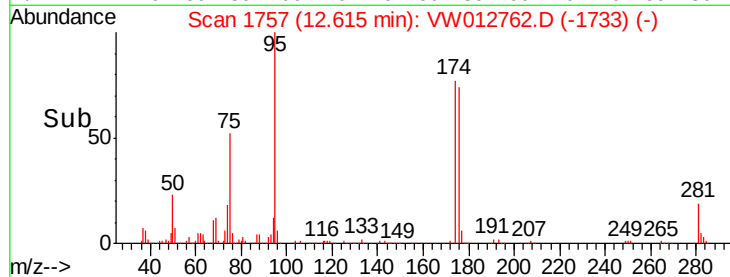
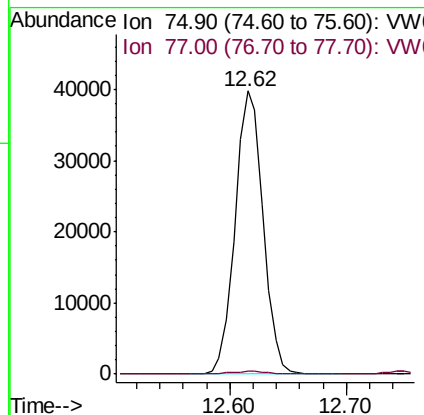
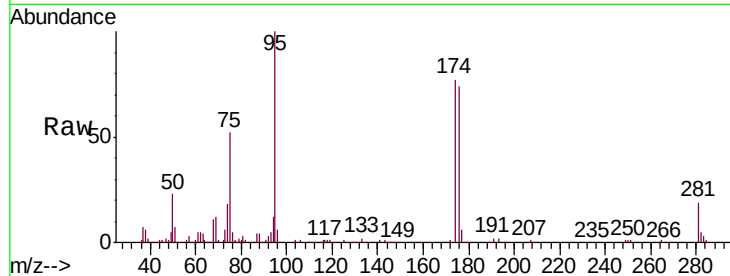
VW0908SBL01

Tgt Ion: 75 Resp: 66453

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 115.796 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW012762.D

Acq: 08 Sep 2019 12:06

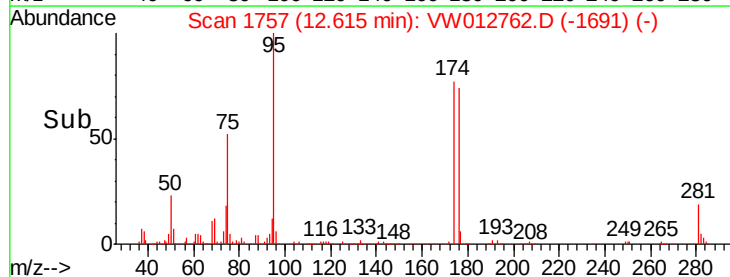
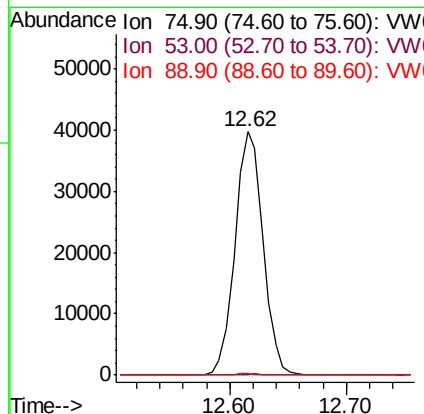
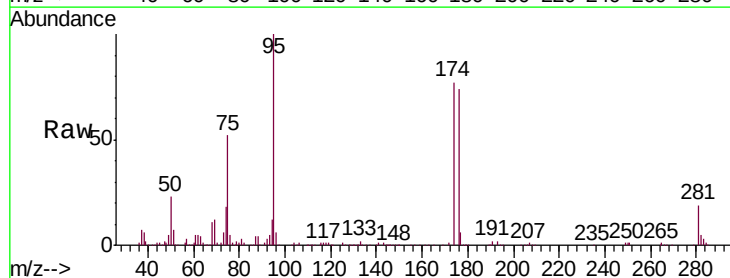
Tgt Ion: 75 Resp: 66453

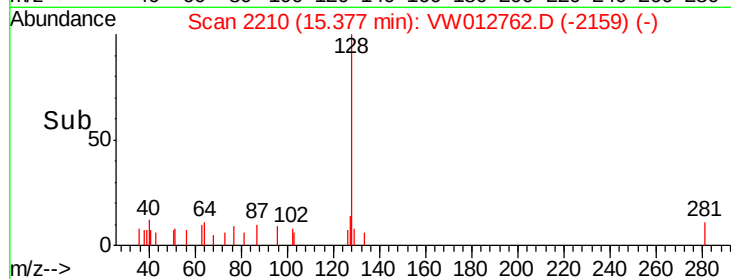
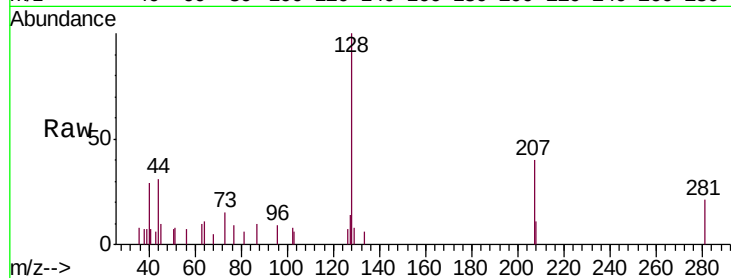
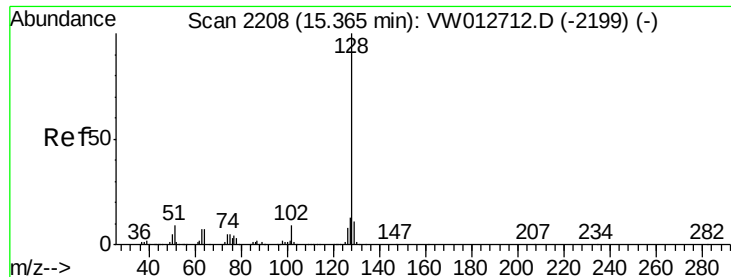
Ion Ratio Lower Upper

75 100

53 0.2 87.6 131.4#

89 0.4 35.5 53.3#





#95

Naphthalene

Concen: 4.794 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.01 min

Lab File: VW012762.D

Acq: 08 Sep 2019 12:06

Instrument :

MSVOA_W

ClientSampleId :

VW0908SBL01

Tgt Ion:128 Resp: 1941

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

129 13.9 8.7 13.1#

