

Data File : VW012120.D
Acq On : 22 Aug 2019 19:18
Operator : SY/VA
Sample : K4462-01
Misc : 5.09G/5ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-46-9.5-10.0

Quant Time: Aug 23 08:02:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	214533	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	348966	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	248797	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	65737	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	134723	54.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.38%	
35) Dibromofluoromethane	7.88	113	109297	55.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.66%	
50) Toluene-d8	10.32	98	411833	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	
62) 4-Bromofluorobenzene	12.62	95	101351	35.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.94%	

Target Compounds

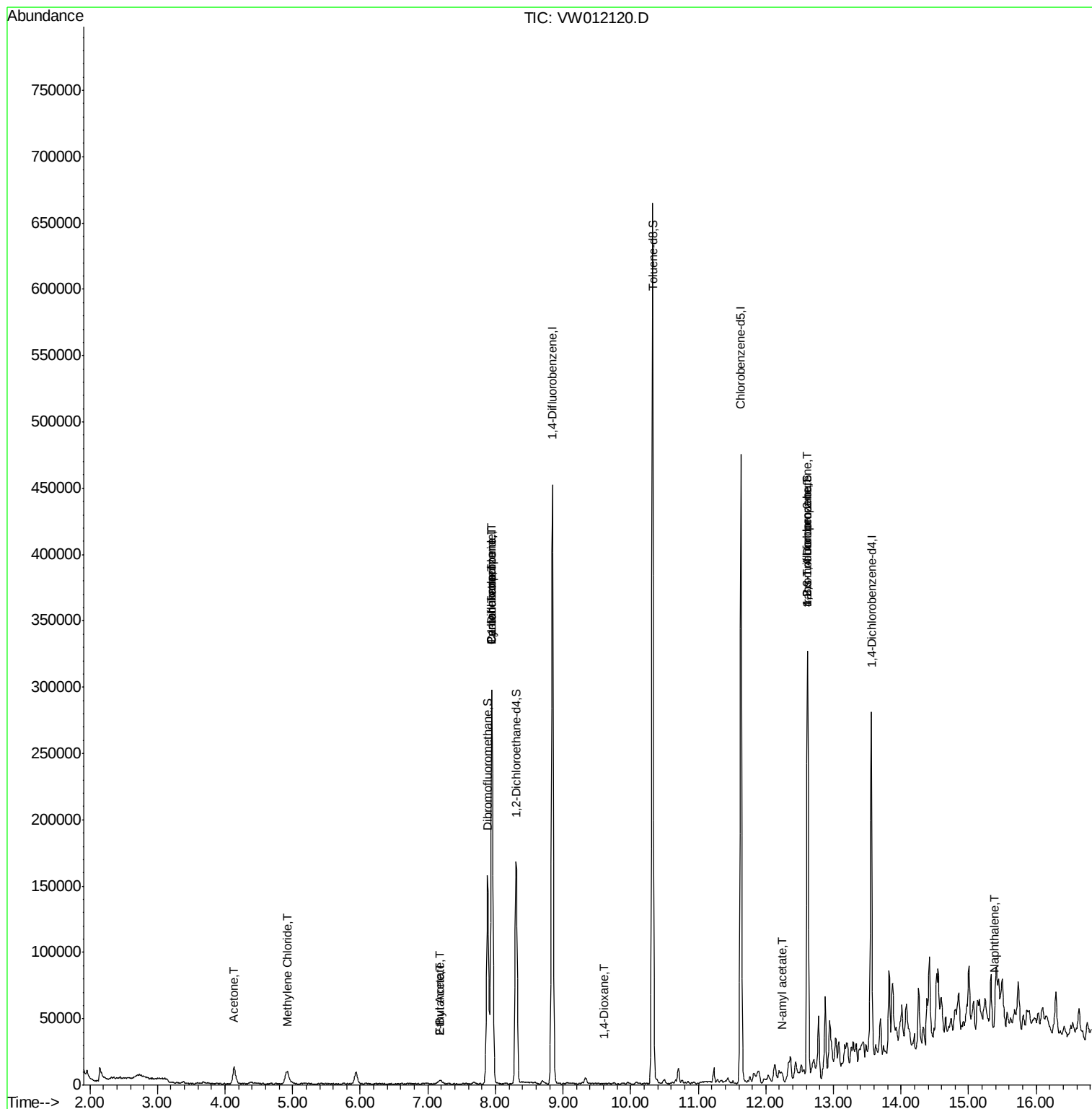
						Qvalue
11) Tert butyl alcohol	5.15	59	145	Below Cal	#	72
16) Acetone	4.14	43	23495	29.983	ug/l	98
20) Methylene Chloride	4.92	84	7222	2.672	ug/l	96
25) 2-Butanone	7.18	43	4987	4.864	ug/l	97
31) Cyclohexane	7.95	56	5932	1.288	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	18370	5.063	ug/l #	52
37) Ethyl Acetate	7.18	43	4987	2.389	ug/l #	73
38) Carbon Tetrachloride	7.95	117	21492	6.919	ug/l #	15
49) 1,4-Dioxane	9.60	88	20	1.113	ug/l #	15
74) N-amyl acetate	12.25	43	1764	1.149	ug/l #	47
76) 1,2,3-Trichloropropane	12.62	75	55230	79.402	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	55230	182.994	ug/l #	7
95) Naphthalene	15.38	128	781	2.354	ug/l #	79

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

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Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 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: VW012120.D

Acq: 22 Aug 2019 19:18

Instrument :

MSVOA_W

ClientSampled :

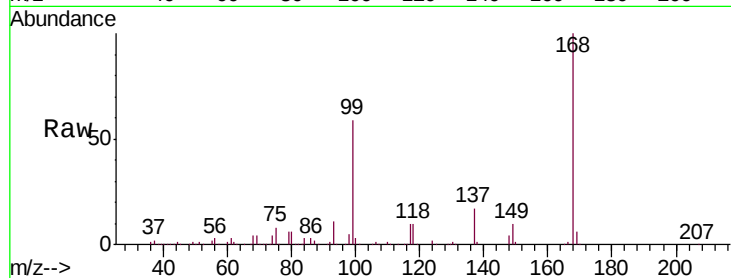
SB-46-9.5-10.0

Tgt Ion:168 Resp: 214533

Ion Ratio Lower Upper

168 100

99 58.7 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

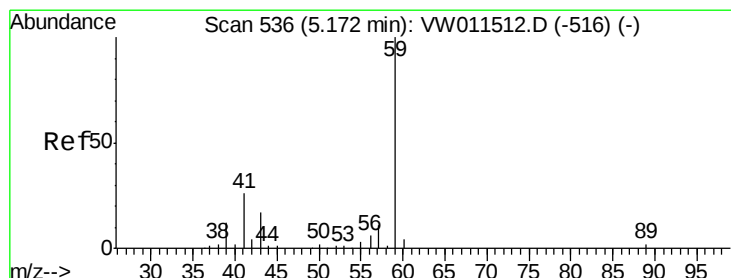
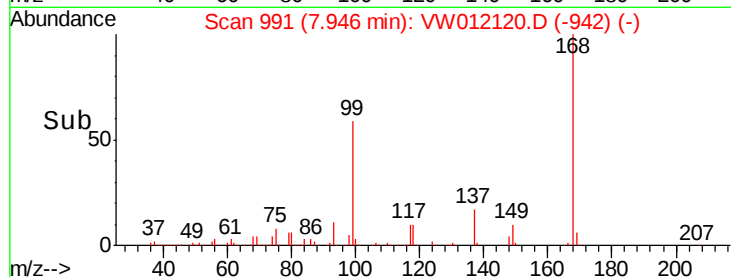
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.15 min Scan# 533

Delta R.T. -0.02 min

Lab File: VW012120.D

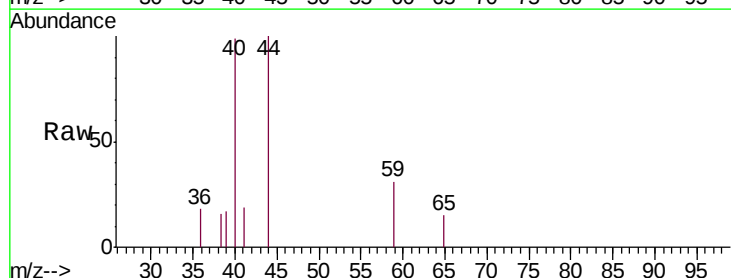
Acq: 22 Aug 2019 19:18

Tgt Ion: 59 Resp: 145

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

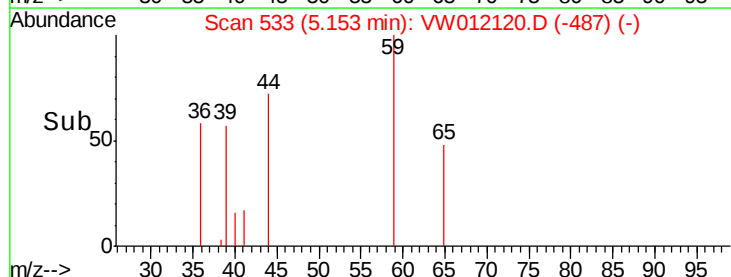
150

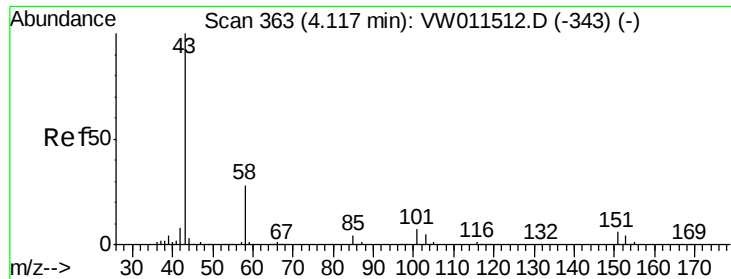
100

50

0

Time-->

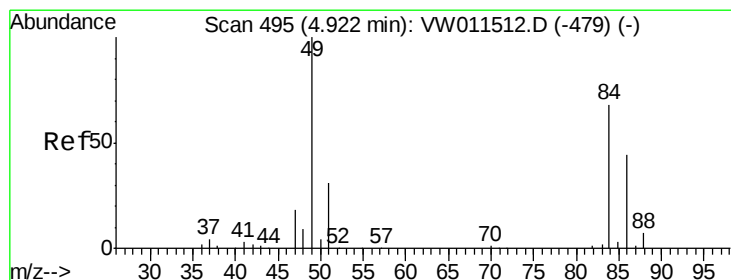
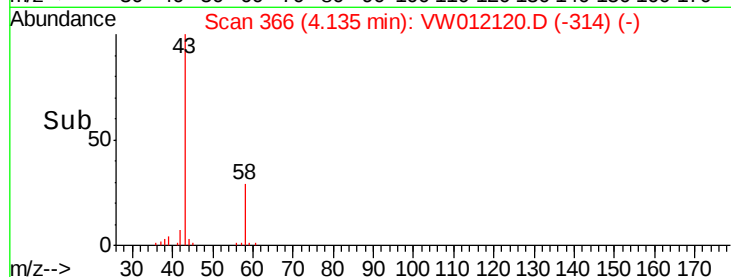
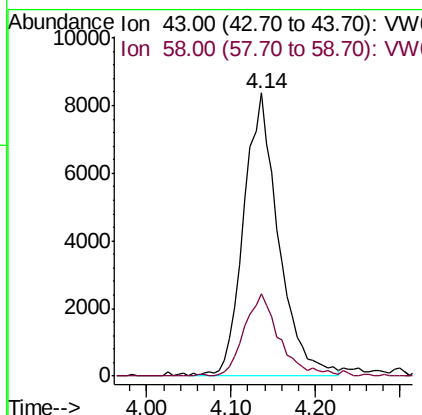
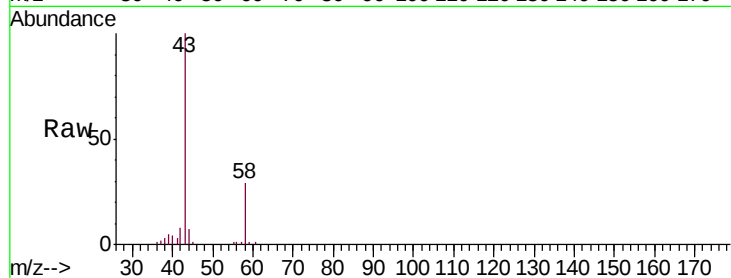




#16
Acetone
Concen: 29.983 ug/l
RT: 4.14 min Scan# 366
Delta R.T. 0.02 min
Lab File: VW012120.D
Acq: 22 Aug 2019 19:18

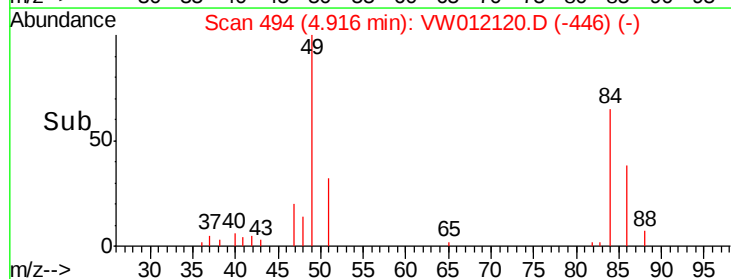
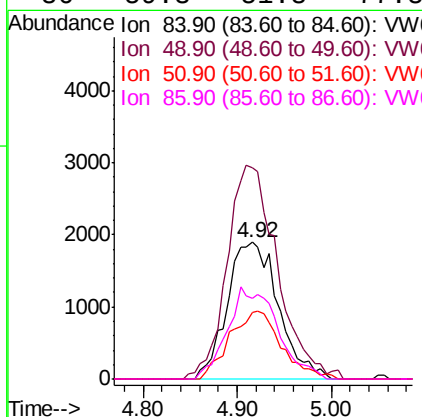
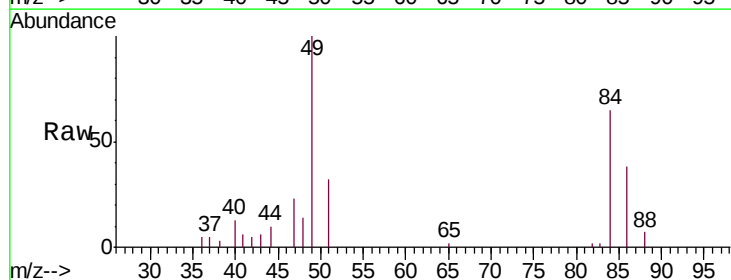
Instrument :
MSVOA_W
ClientSampleId :
SB-46-9.5-10.0

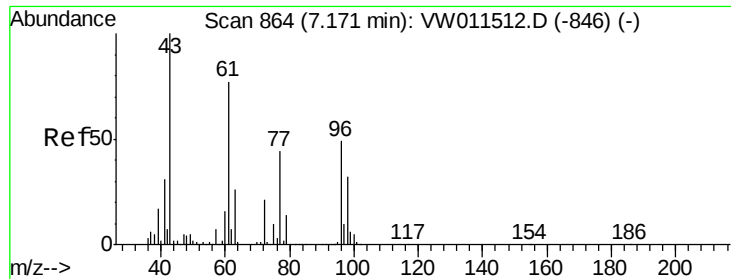
Tgt Ion: 43 Resp: 23495
Ion Ratio Lower Upper
43 100
58 29.0 22.3 33.5



#20
Methylene Chloride
Concen: 2.672 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012120.D
Acq: 22 Aug 2019 19:18

Tgt Ion: 84 Resp: 7222
Ion Ratio Lower Upper
84 100
49 150.0 117.8 176.6
51 48.6 37.0 55.4
86 59.3 51.8 77.8

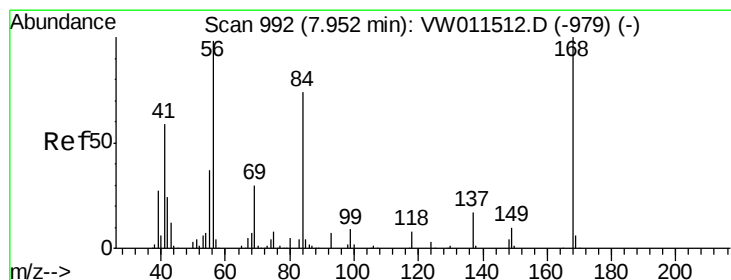
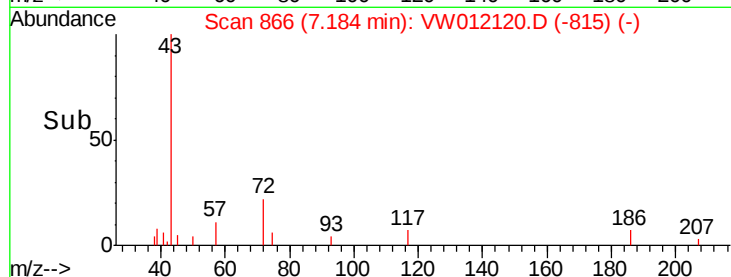
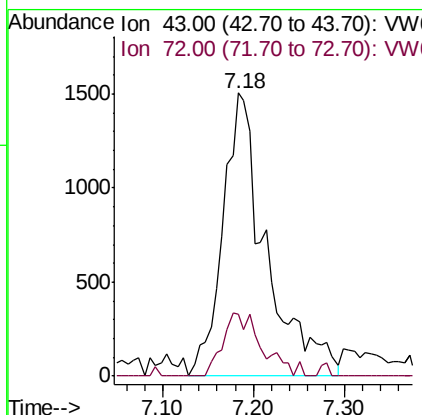
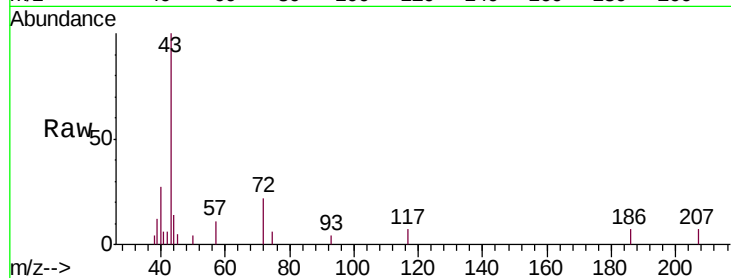




#25
2-Butanone
Concen: 4.864 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW012120.D
Acq: 22 Aug 2019 19:18

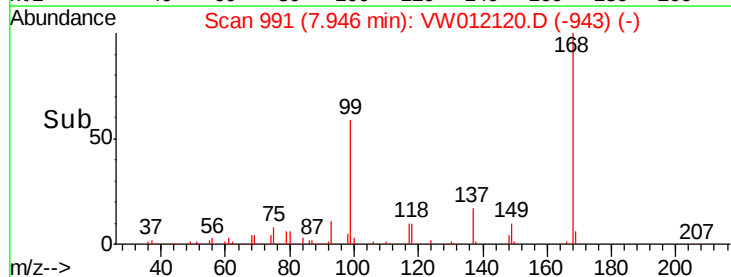
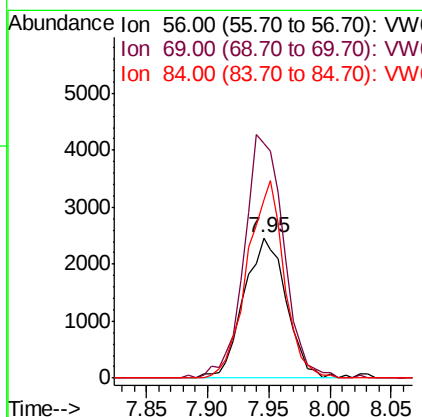
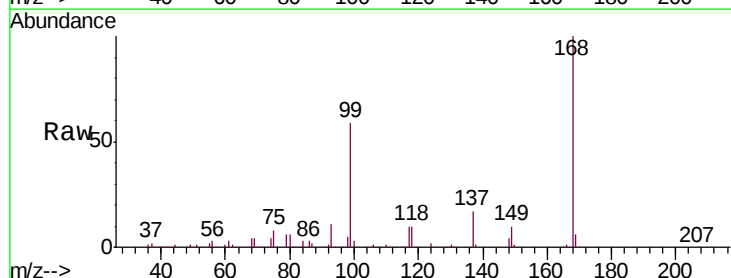
Instrument :
MSVOA_W
ClientSampleId :
SB-46-9.5-10.0

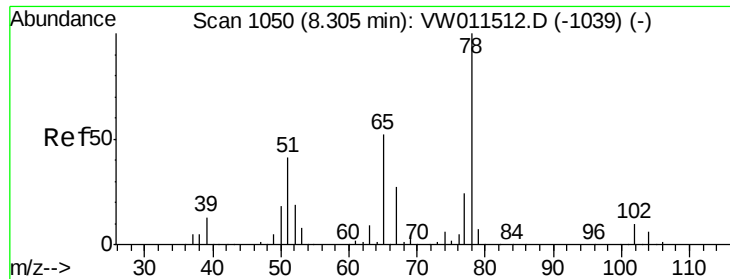
Tgt Ion: 43 Resp: 4987
Ion Ratio Lower Upper
43 100
72 21.9 16.6 24.8



#31
Cyclohexane
Concen: 1.288 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW012120.D
Acq: 22 Aug 2019 19:18

Tgt Ion: 56 Resp: 5932
Ion Ratio Lower Upper
56 100
69 166.9 24.3 36.5#
84 126.8 60.4 90.6#

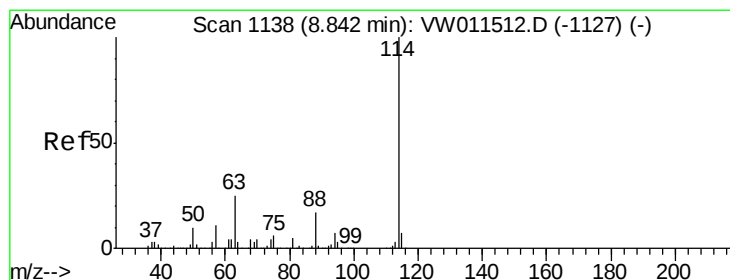
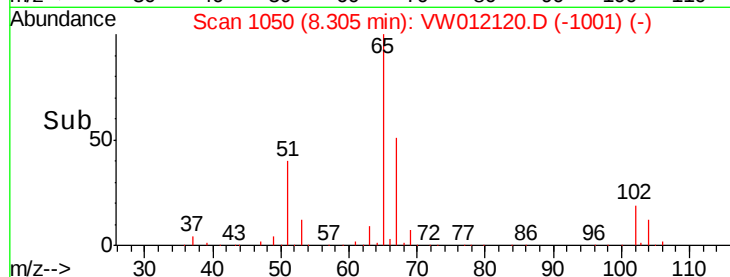
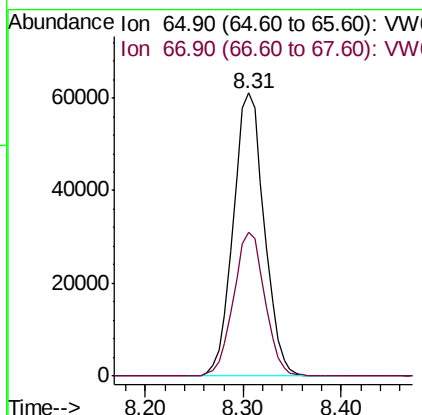
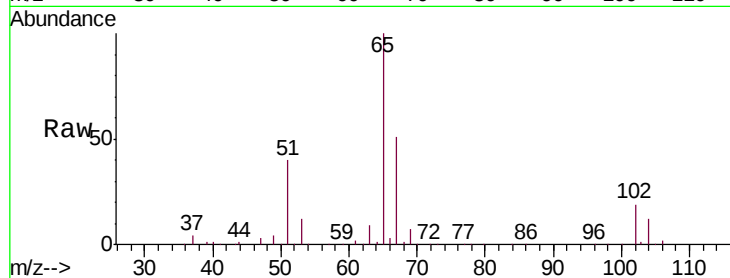




#33
 1,2-Dichloroethane-d4
 Concen: 54.689 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012120.D
 Acq: 22 Aug 2019 19:18

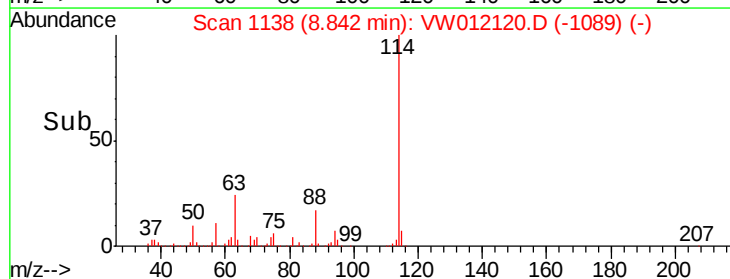
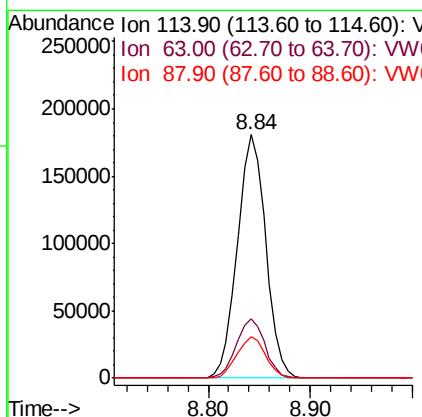
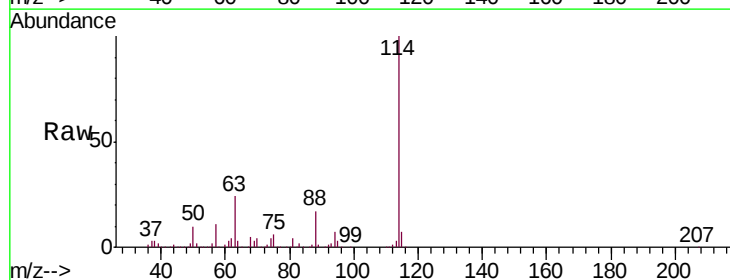
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-46-9.5-10.0

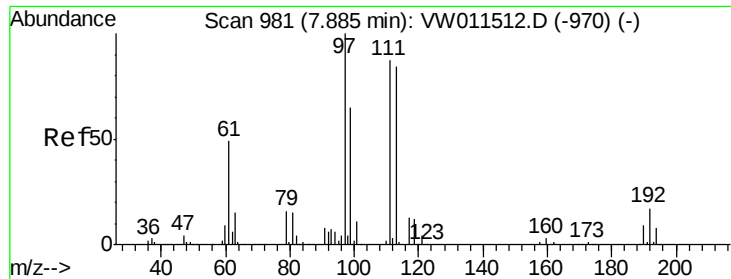
Tgt Ion: 65 Resp: 134723
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012120.D
 Acq: 22 Aug 2019 19:18

Tgt Ion: 114 Resp: 348966
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 49.2
 88 16.8 0.0 33.8

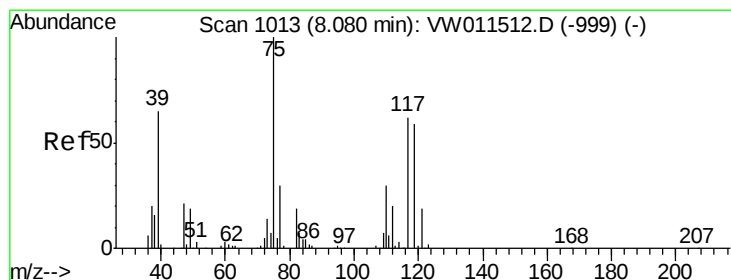
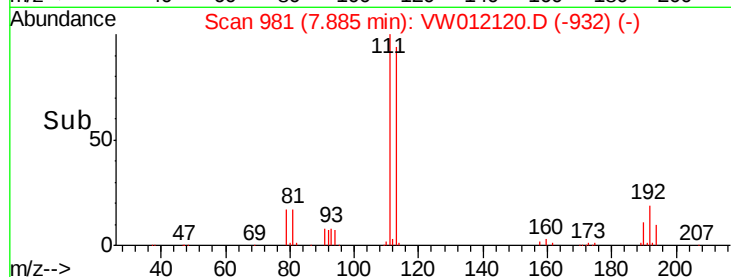
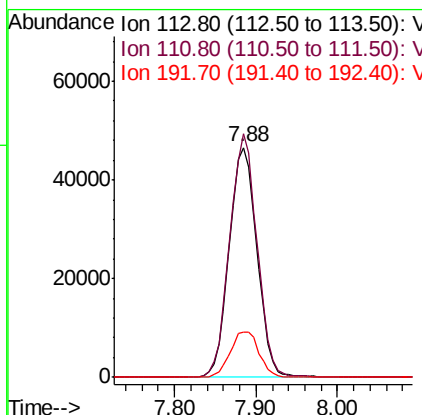
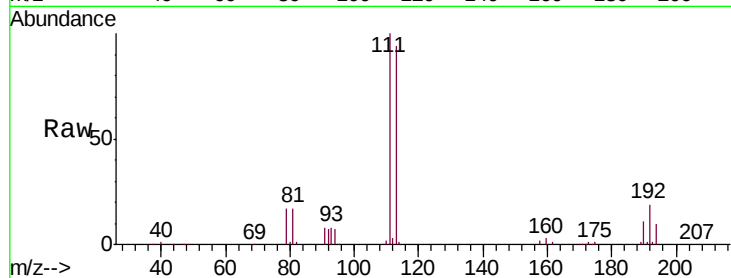




#35
 Dibromofluoromethane
 Concen: 55.828 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW012120.D
 Acq: 22 Aug 2019 19:18

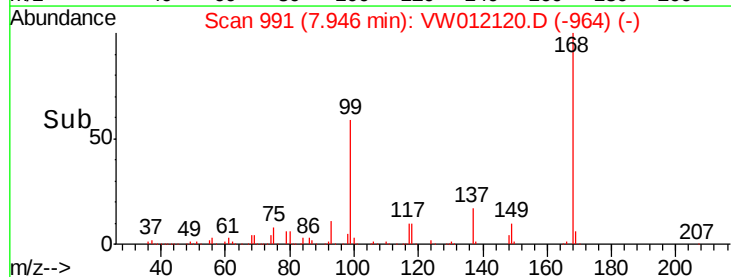
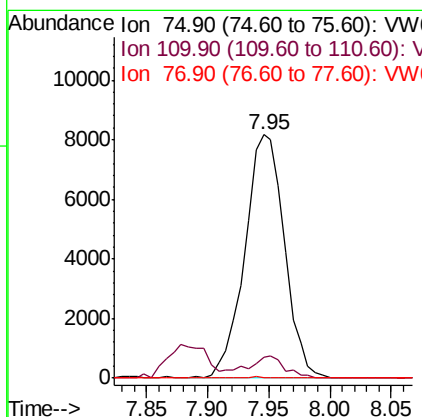
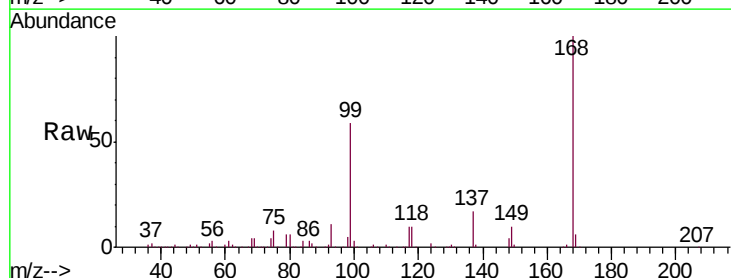
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-46-9.5-10.0

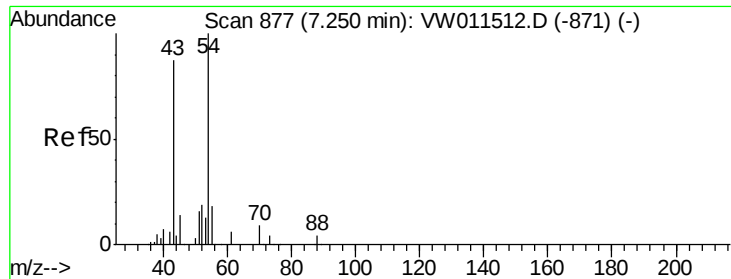
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.7	124.1
192	20.6	16.1	24.1



#36
 1,1-Dichloropropene
 Concen: 5.063 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012120.D
 Acq: 22 Aug 2019 19:18

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.4	15.6	46.8#
77	0.1	24.3	36.5#

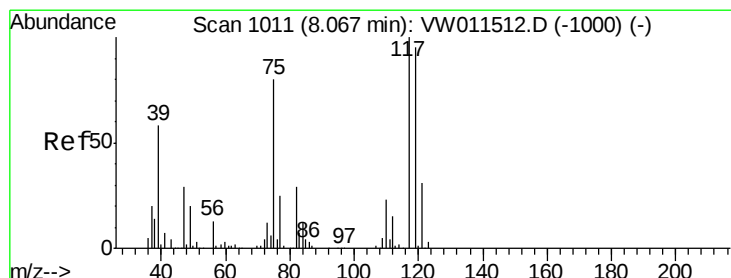
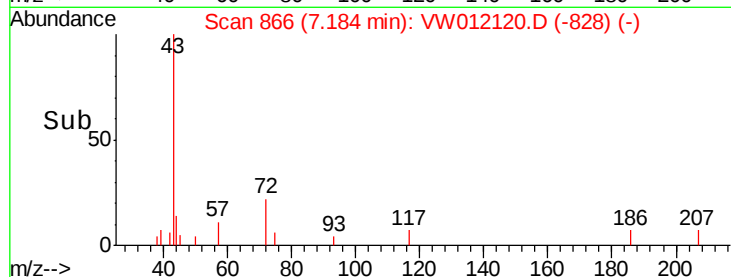
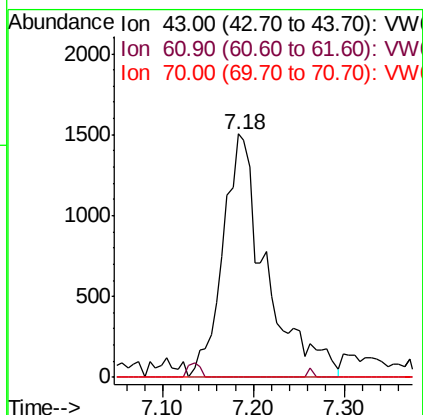
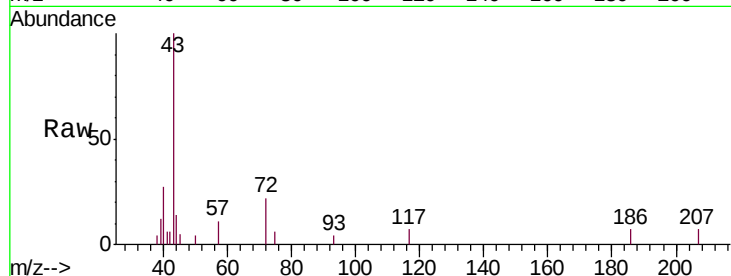




#37
Ethyl Acetate
Concen: 2.389 ug/l
RT: 7.18 min Scan# 866
Delta R.T. -0.07 min
Lab File: VW012120.D
Acq: 22 Aug 2019 19:18

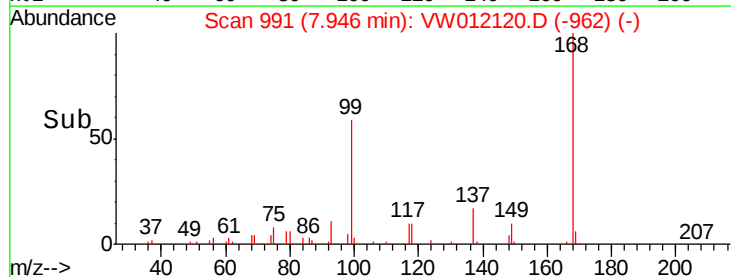
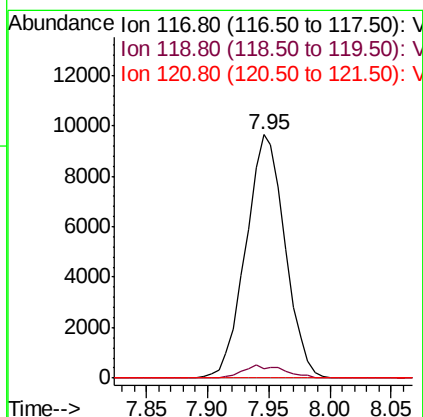
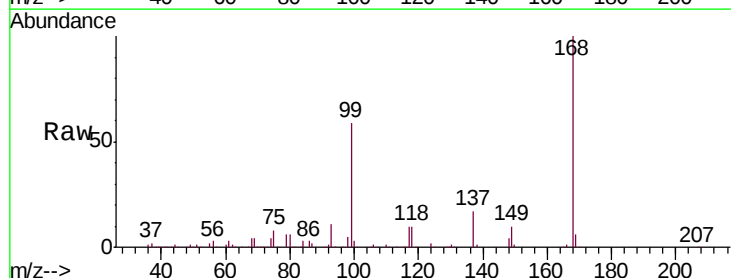
Instrument :
MSVOA_W
ClientSampleId :
SB-46-9.5-10.0

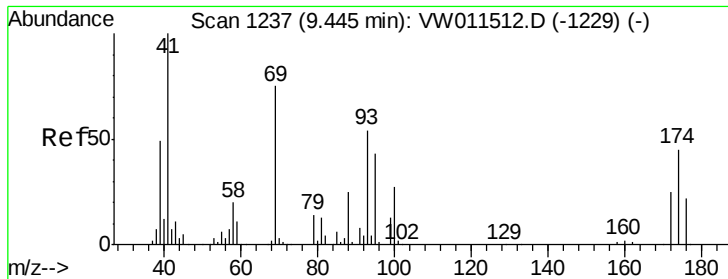
Tgt Ion: 43 Resp: 4987
Ion Ratio Lower Upper
43 100
61 0.0 8.8 13.2#
70 0.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 6.919 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW012120.D
Acq: 22 Aug 2019 19:18

Tgt Ion: 117 Resp: 21492
Ion Ratio Lower Upper
117 100
119 3.6 75.8 113.6#
121 0.0 24.7 37.1#

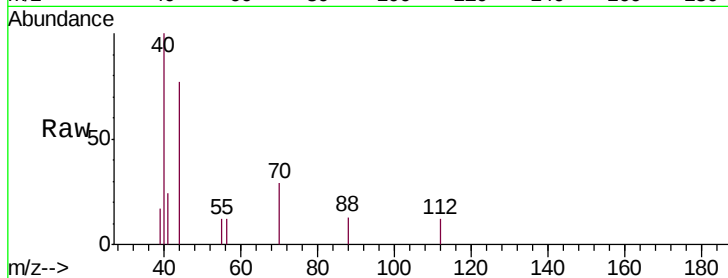




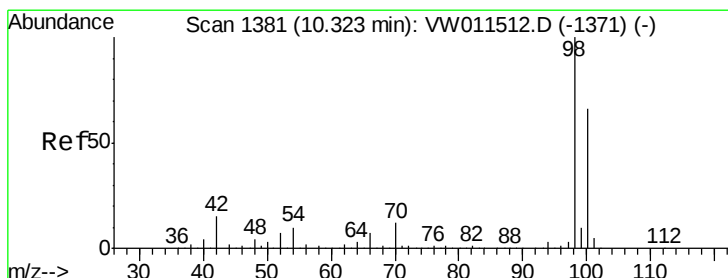
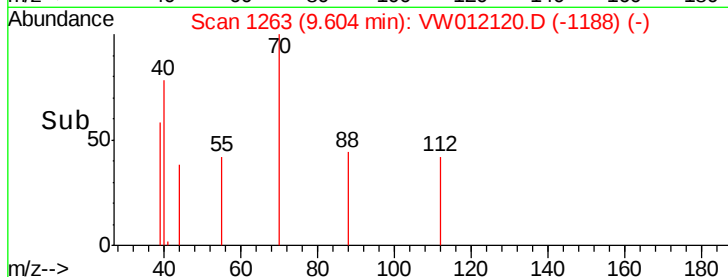
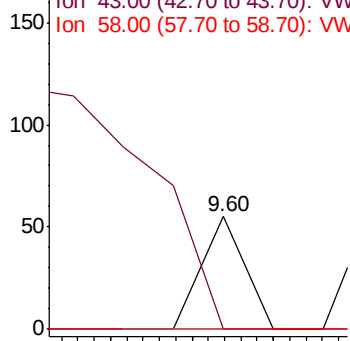
#49
1,4-Dioxane
Concen: 1.113 ug/l
RT: 9.60 min Scan# 1263
Delta R.T. 0.16 min
Lab File: VW012120.D
Acq: 22 Aug 2019 19:18

Instrument :
MSVOA_W
ClientSampleId :
SB-46-9.5-10.0

Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 0.0 34.0 51.0#
58 0.0 69.7 104.5#

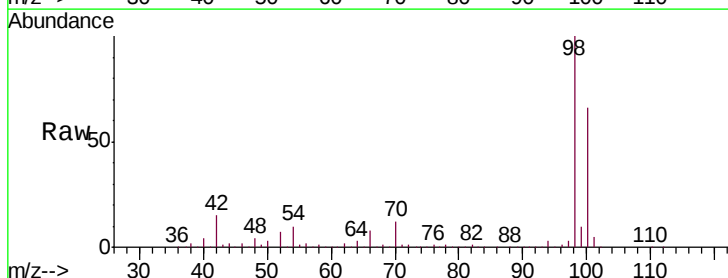


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

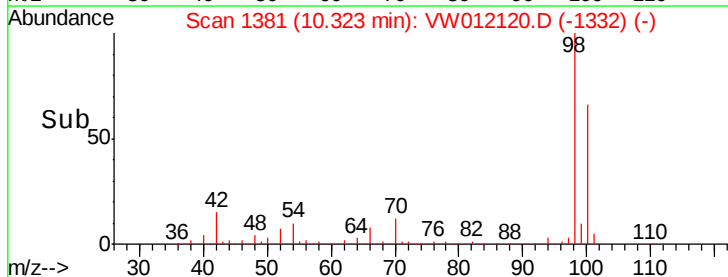
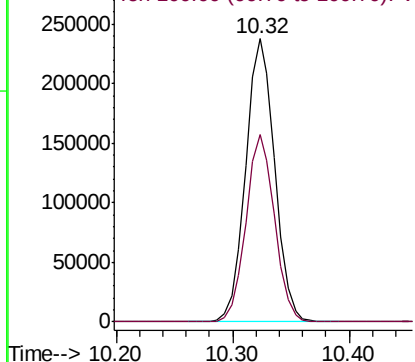


#50
Toluene-d8
Concen: 51.379 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012120.D
Acq: 22 Aug 2019 19:18

Tgt Ion: 98 Resp: 411833
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

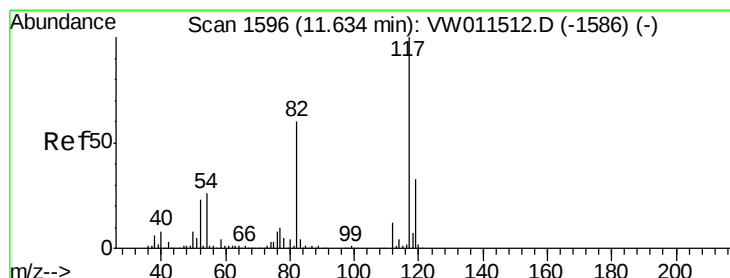
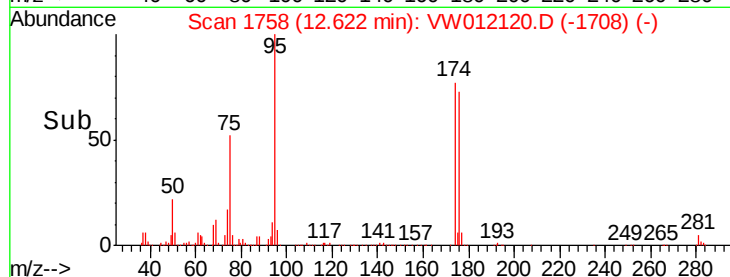
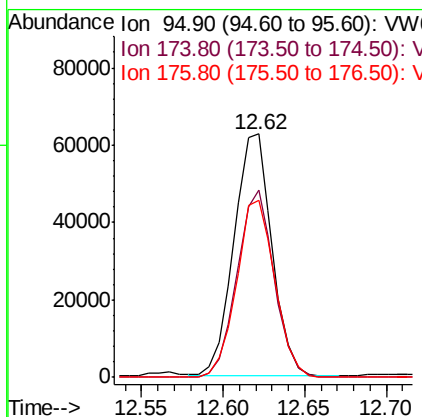
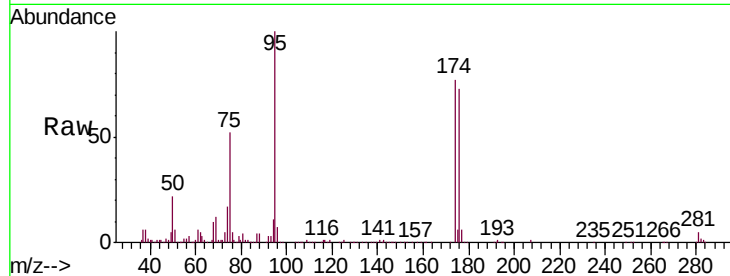




#62
4-Bromofluorobenzene
Concen: 35.465 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW012120.D
Acq: 22 Aug 2019 19:18

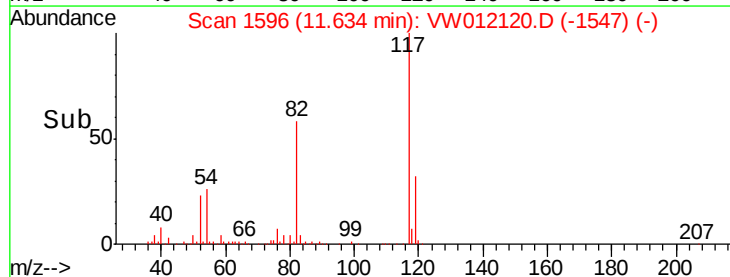
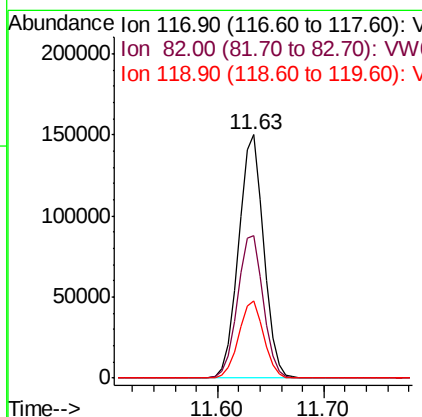
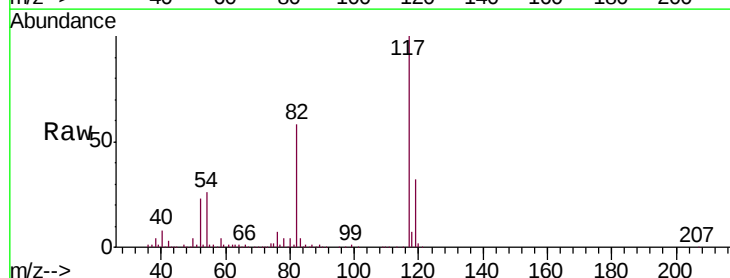
Instrument :
MSVOA_W
ClientSampleId :
SB-46-9.5-10.0

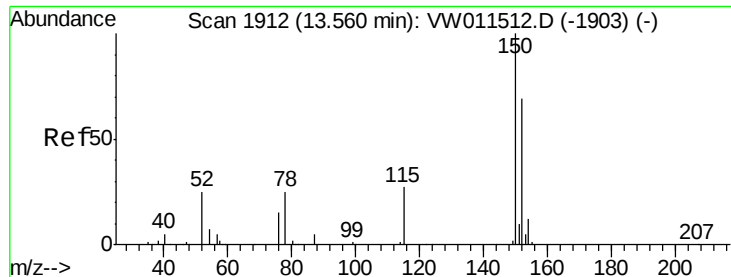
Tgt Ion: 95 Resp: 101351
Ion Ratio Lower Upper
95 100
174 75.5 0.0 150.2
176 73.5 0.0 144.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW012120.D
Acq: 22 Aug 2019 19:18

Tgt Ion: 117 Resp: 248797
Ion Ratio Lower Upper
117 100
82 58.4 47.9 71.9
119 31.6 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: VW012120.D

Acq: 22 Aug 2019 19:18

Instrument :

MSVOA_W

ClientSampleId :

SB-46-9.5-10.0

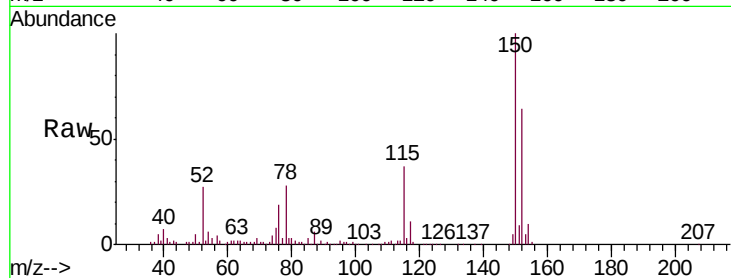
Tgt Ion: 152 Resp: 65737

Ion Ratio Lower Upper

152 100

115 60.3 30.5 91.5

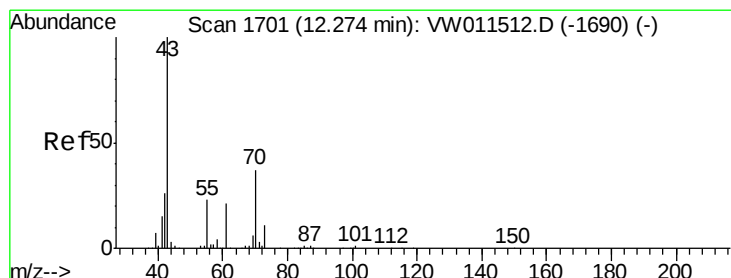
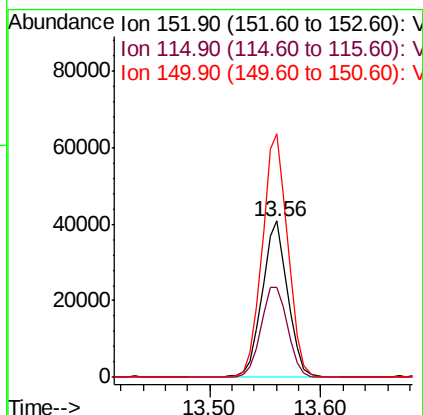
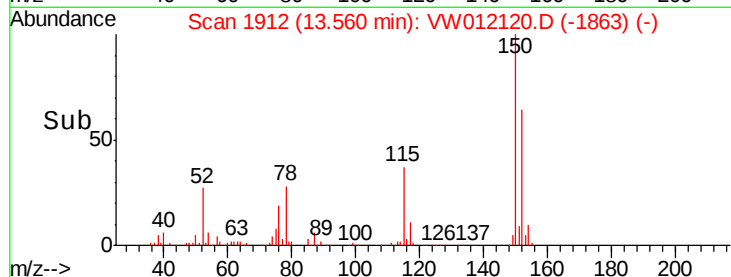
150 155.0 0.0 352.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 1.149 ug/l

RT: 12.25 min Scan# 1697

Delta R.T. -0.02 min

Lab File: VW012120.D

Acq: 22 Aug 2019 19:18

Tgt Ion: 43 Resp: 1764

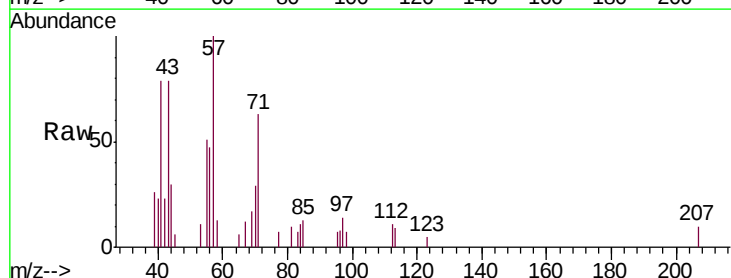
Ion Ratio Lower Upper

43 100

70 0.0 28.6 43.0#

55 0.0 17.8 26.8#

61 0.0 17.0 25.6#

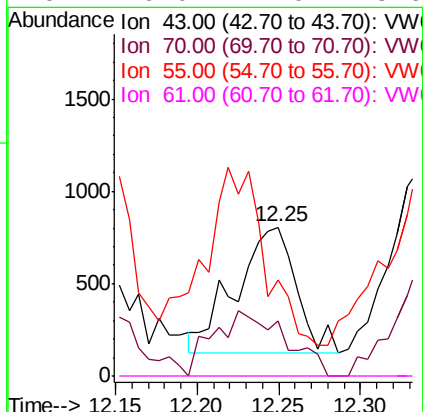
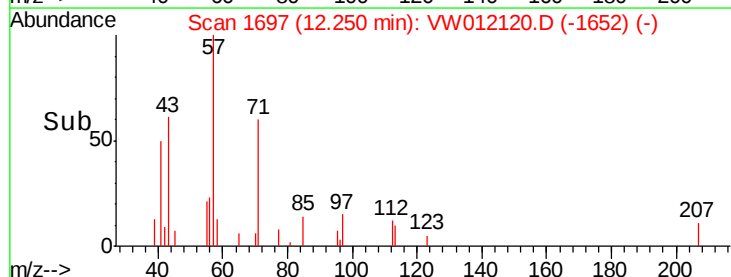


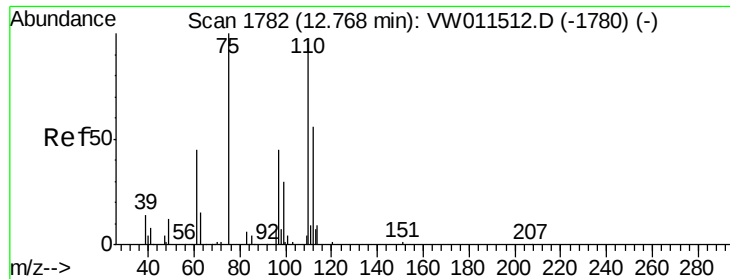
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#76

1,2,3-Trichloropropane

Concen: 79.402 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012120.D

Acq: 22 Aug 2019 19:18

Instrument :

MSVOA_W

ClientSampleId :

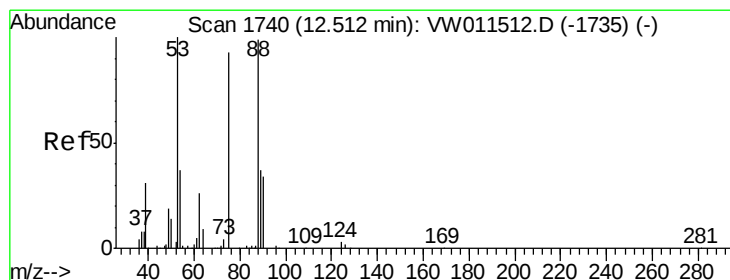
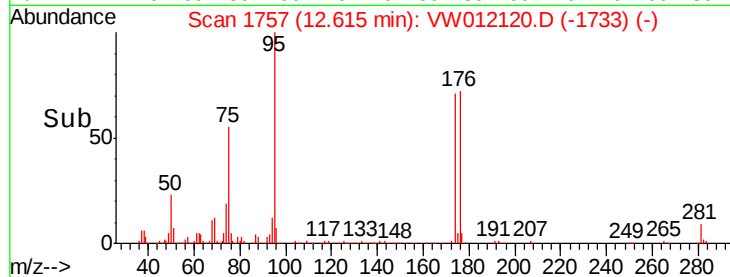
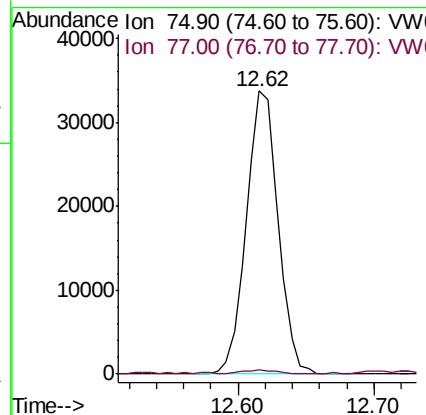
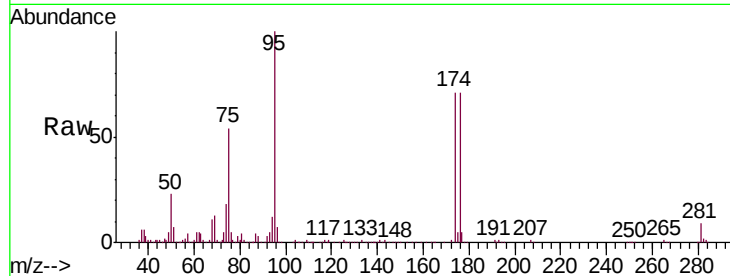
SB-46-9.5-10.0

Tgt Ion: 75 Resp: 55230

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 182.994 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW012120.D

Acq: 22 Aug 2019 19:18

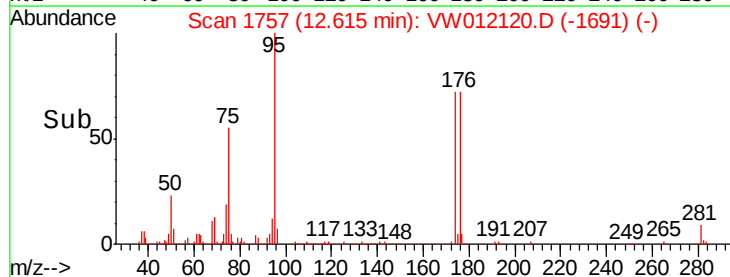
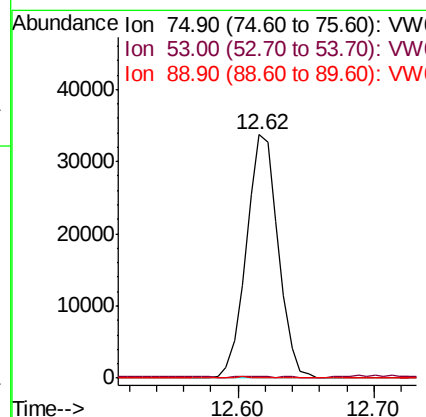
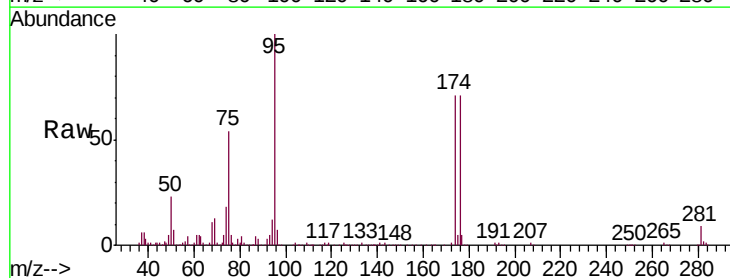
Tgt Ion: 75 Resp: 55230

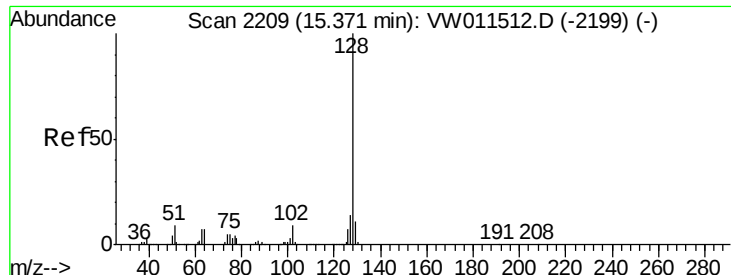
Ion Ratio Lower Upper

75 100

53 0.4 88.0 132.0#

89 0.2 35.3 52.9#





#95

Naphthalene

Concen: 2.354 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.01 min

Lab File: VW012120.D

Acq: 22 Aug 2019 19:18

Instrument :

MSVOA_W

ClientSampleId :

SB-46-9.5-10.0

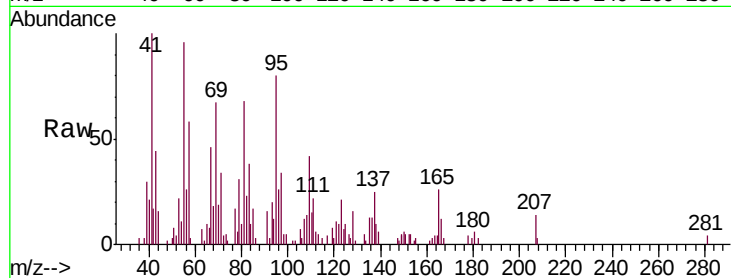
Tgt Ion:128 Resp: 781

Ion Ratio Lower Upper

128 100

127 21.9 10.6 16.0#

129 18.4 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

