

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010920\
 Data File : VW014591.D
 Acq On : 09 Jan 2020 19:05
 Operator : SY/VA
 Sample : L1056-04RE
 Misc : 7.00G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP022SB449_200107_28-30RE

Quant Time: Jan 10 02:55:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	565114	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	860910	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	609148	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	195294	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	265411	53.72	ug/l	0.00
Spiked Amount			Recovery	=	107.44%	
35) Dibromofluoromethane	7.88	113	290573	59.06	ug/l	0.00
Spiked Amount			Recovery	=	118.12%	
50) Toluene-d8	10.32	98	1112782	54.19	ug/l	0.00
Spiked Amount			Recovery	=	108.38%	
62) 4-Bromofluorobenzene	12.62	95	282469	40.56	ug/l	0.00
Spiked Amount			Recovery	=	81.12%	

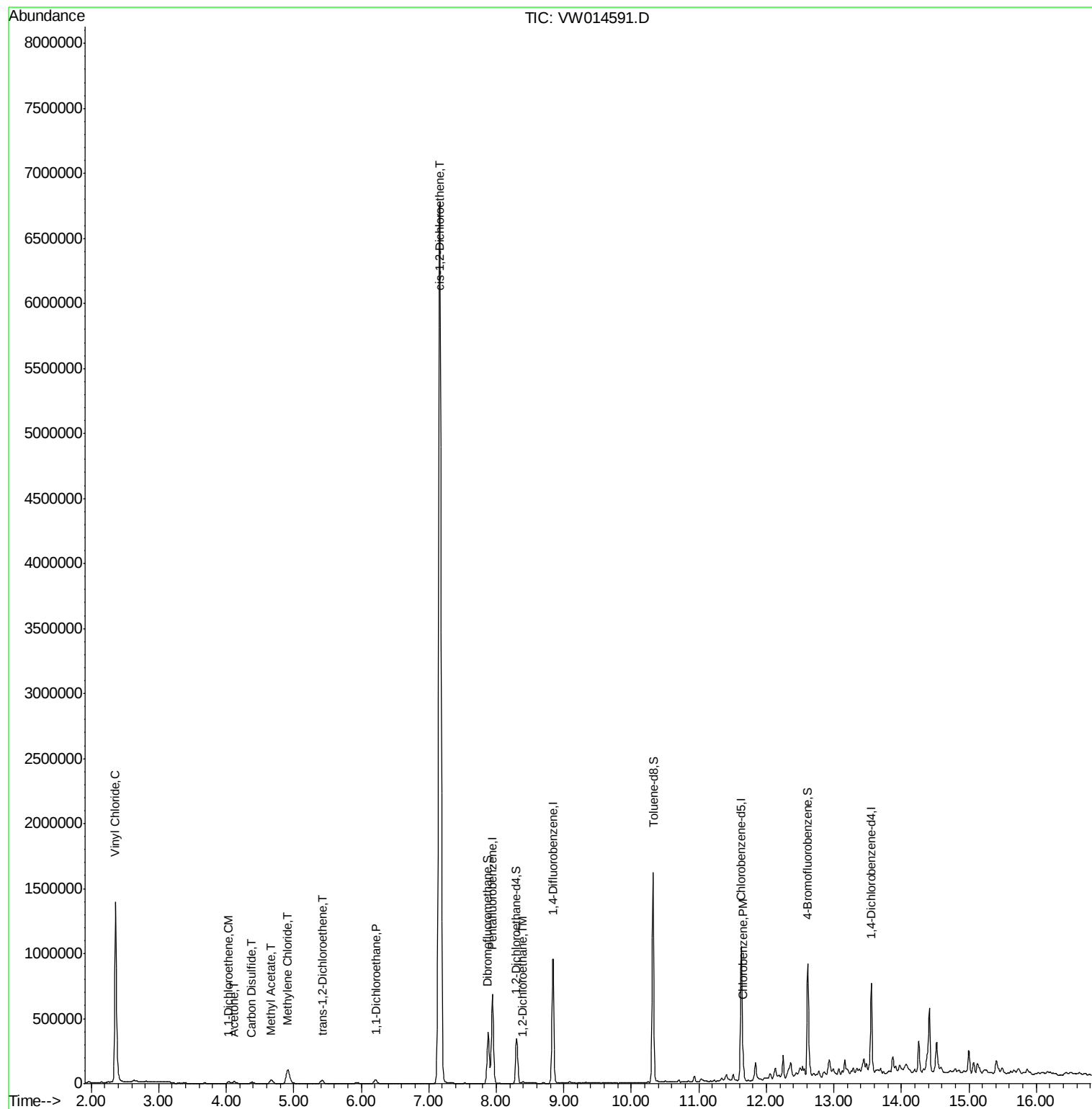
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	2.36	62	1670190	290.750	ug/l	99
12) 1,1-Dichloroethene	4.04	96	9822	1.747	ug/l	97
16) Acetone	4.12	43	29990	21.496	ug/l	99
17) Carbon Disulfide	4.39	76	18540	1.094	ug/l	97
18) Methyl Acetate	4.67	43	55369	16.433	ug/l	100
20) Methylene Chloride	4.91	84	100824	14.675	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	16069	2.691	ug/l	97
24) 1,1-Dichloroethane	6.21	63	42941	4.232	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	4386634	699.120	ug/l	93
42) 1,2-Dichloroethane	8.40	62	12425	2.039	ug/l	98
65) Chlorobenzene	11.66	112	92134	7.383	ug/l	95

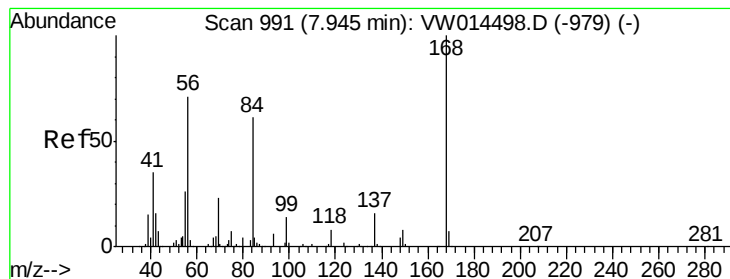
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010920\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 03 16:07:20 2020
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: VW014591.D

Acq: 09 Jan 2020 19:05

Instrument :

MSVOA_W

ClientSampleId :

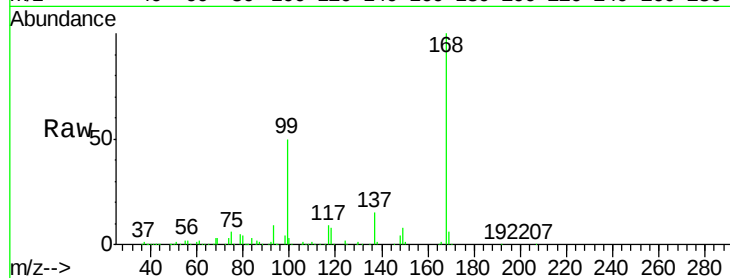
WP022SB449_200107_28-30RE

Tot Ion:168 Resp: 565114

Ion Ratio Lower Upper

168 100

99 49.6 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

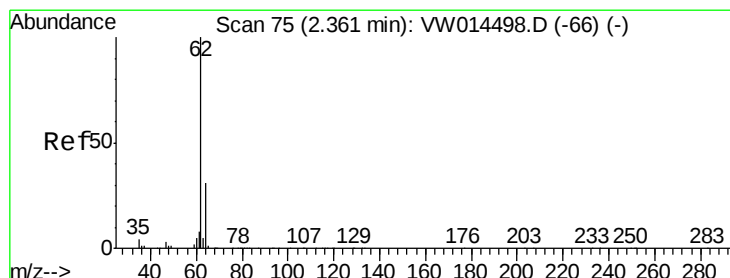
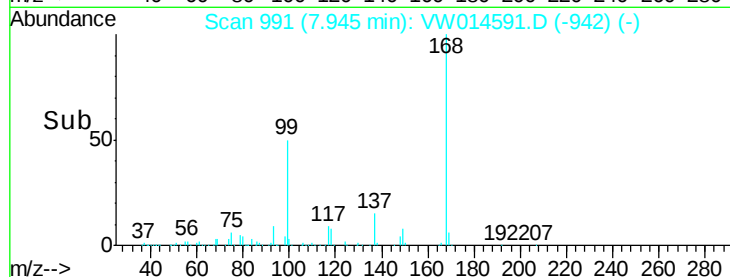
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 290.750 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW014591.D

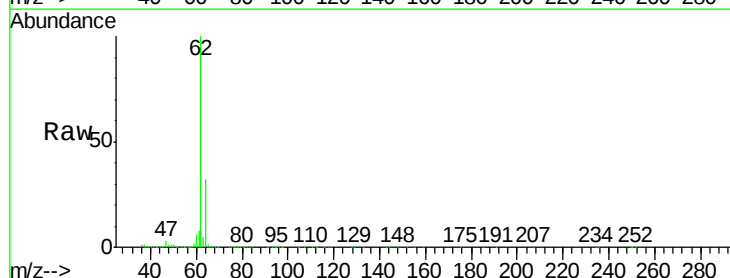
Acq: 09 Jan 2020 19:05

Tgt Ion: 62 Resp: 1670190

Ion Ratio Lower Upper

62 100

64 31.8 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

2.36

1000000

800000

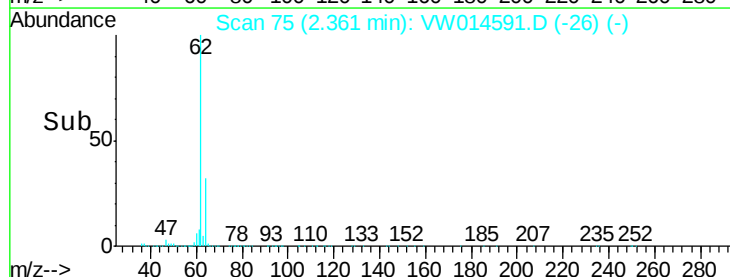
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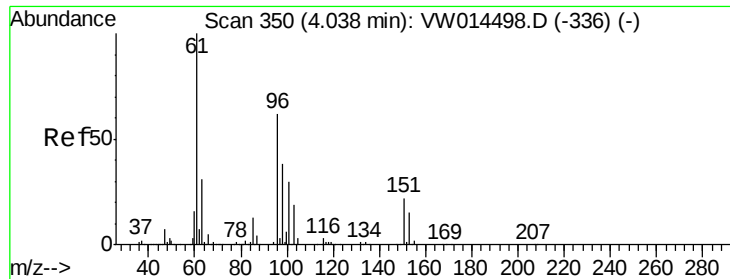
400000

200000

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Time-->

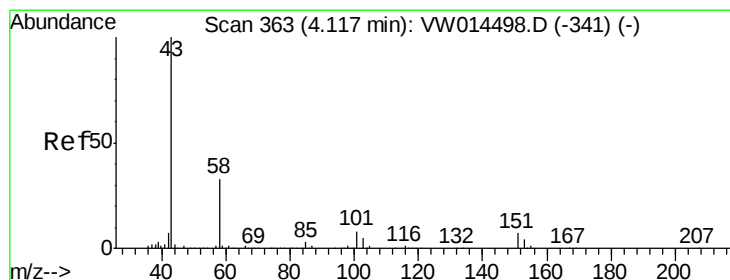
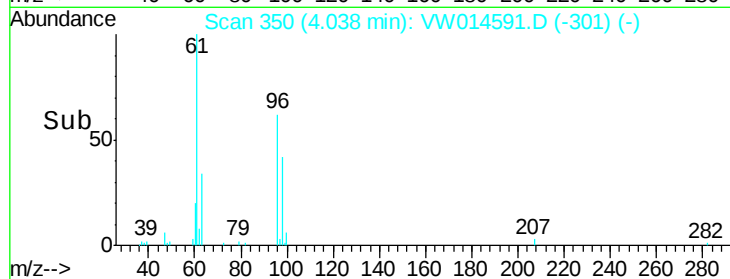
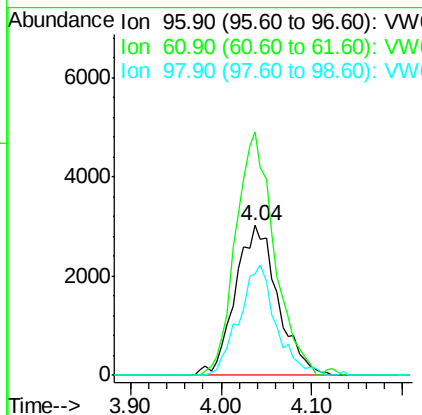
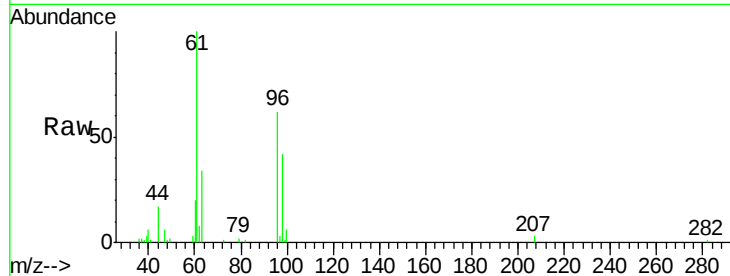




#12
 1,1-Dichloroethene
 Concen: 1.747 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW014591.D
 Acq: 09 Jan 2020 19:05

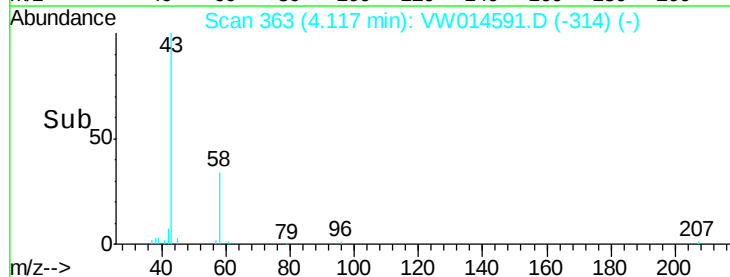
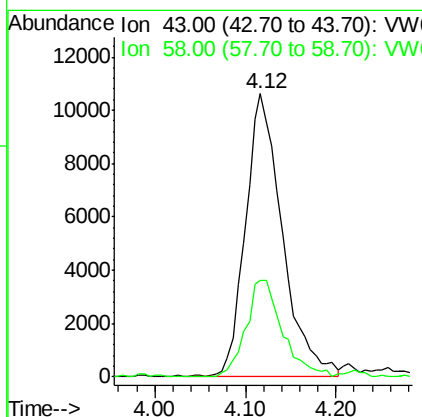
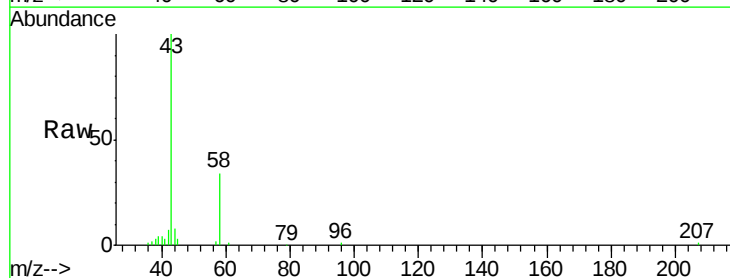
Instrument :
 MSVOA_W
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 WP022SB449_200107_28-30RE

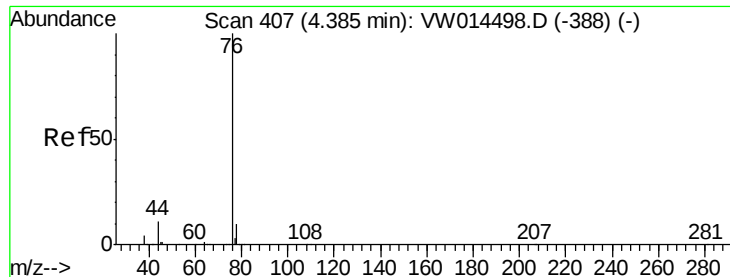
Tot Ion: 96 Resp: 9822
 Ion Ratio Lower Upper
 96 100
 61 162.2 128.4 192.6
 98 67.6 49.1 73.7



#16
 Acetone
 Concen: 21.496 ug/l
 RT: 4.12 min Scan# 363
 Delta R.T. -0.00 min
 Lab File: VW014591.D
 Acq: 09 Jan 2020 19:05

Tgt Ion: 43 Resp: 29990
 Ion Ratio Lower Upper
 43 100
 58 34.0 26.6 39.8





#17

Carbon Disulfide

Concen: 1.094 ug/l

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW014591.D

Acq: 09 Jan 2020 19:05

Instrument :

MSVOA_W

ClientSampleId :

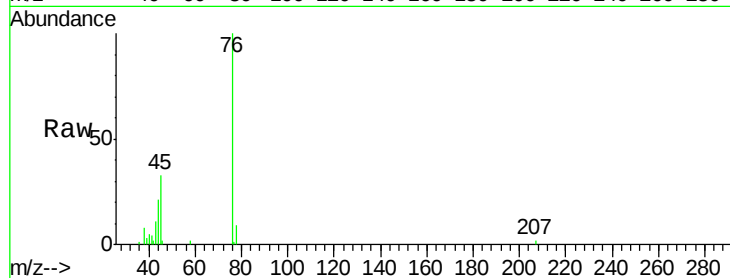
WP022SB449_200107_28-30RE

Tot Ion: 76 Resp: 18540

Ion Ratio Lower Upper

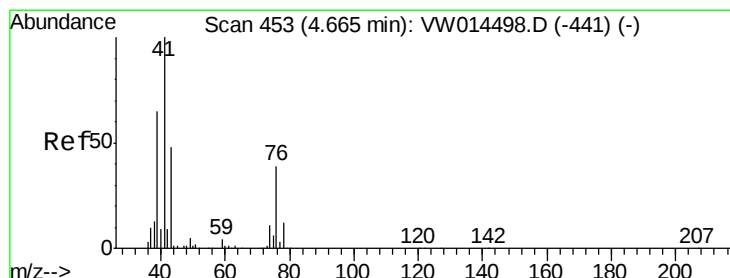
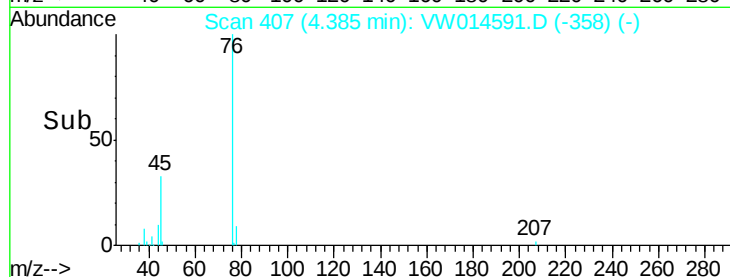
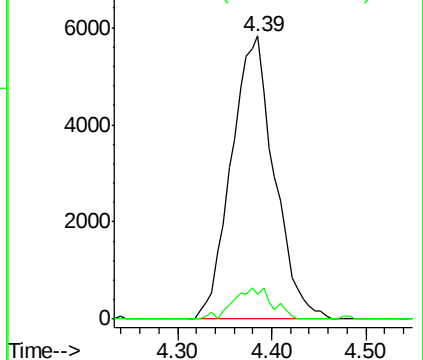
76 100

78 8.6 7.8 11.6



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 16.433 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW014591.D

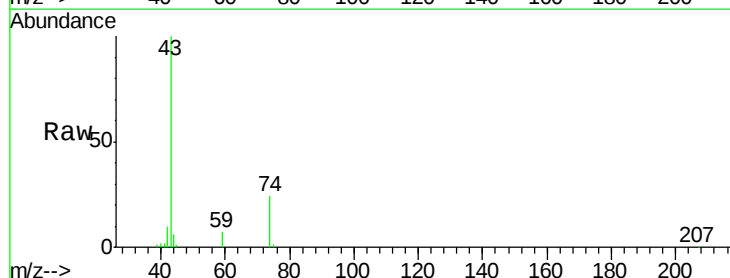
Acq: 09 Jan 2020 19:05

Tgt Ion: 43 Resp: 55369

Ion Ratio Lower Upper

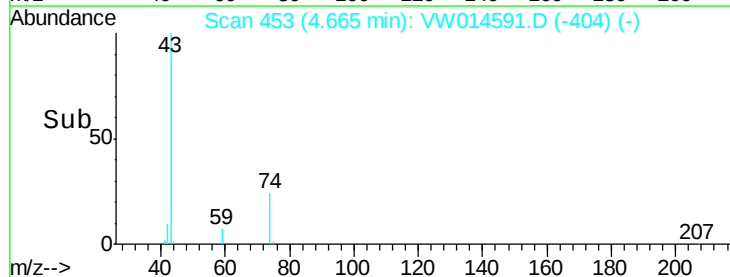
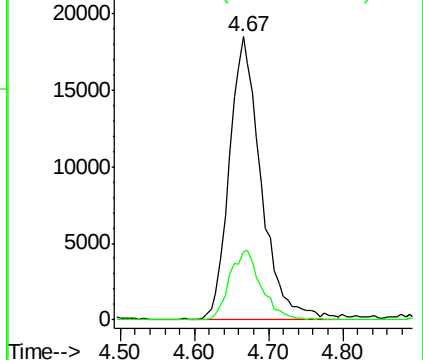
43 100

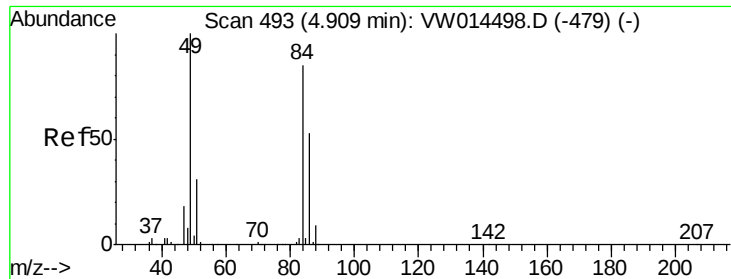
74 24.2 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

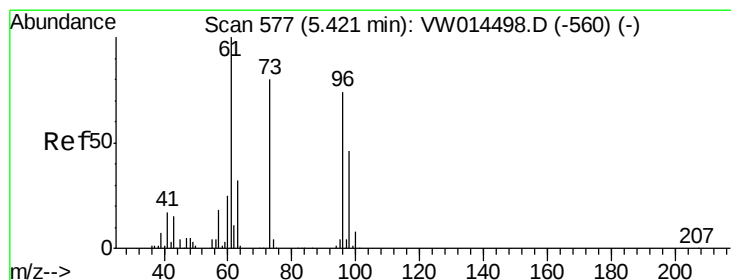
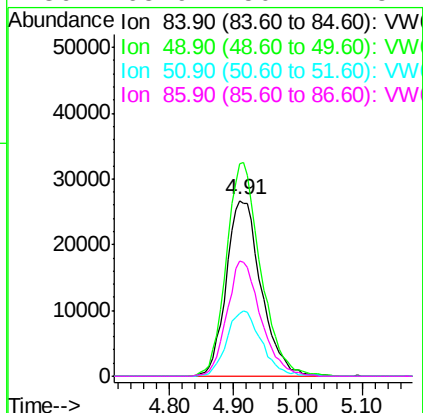
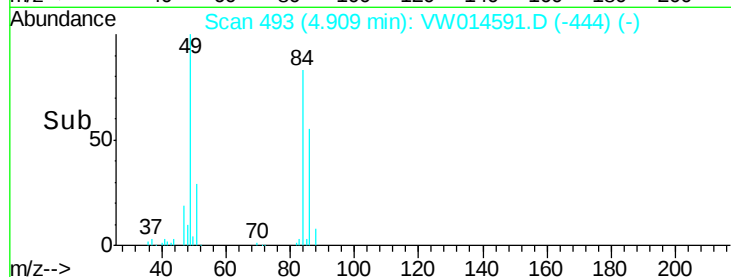
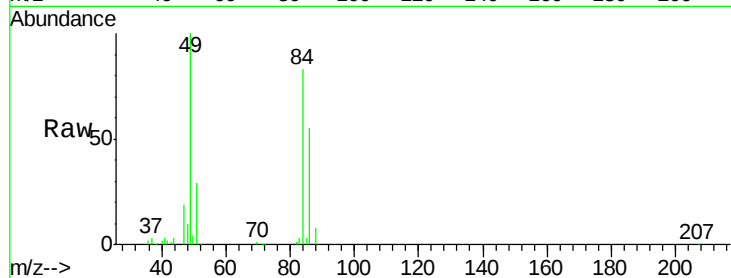




#20
Methylene Chloride
Concen: 14.675 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW014591.D
Acq: 09 Jan 2020 19:05

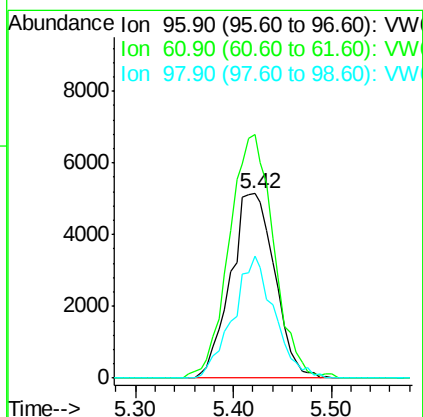
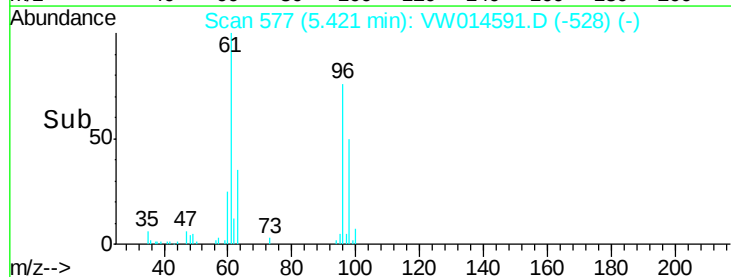
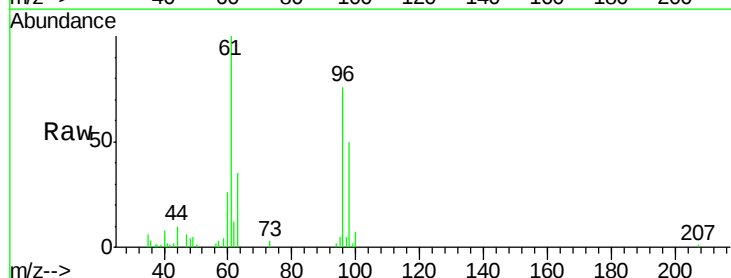
Instrument :
MSVOA_W
ClientSampleId :
WP022SB449_200107_28-30RE

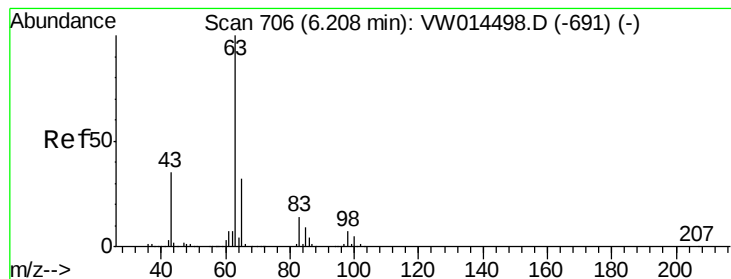
Tot Ion:	84	Resp:	100824
Ion	Ratio	Lower	Upper
84	100		
49	120.8	94.4	141.6
51	35.4	29.5	44.3
86	65.9	50.2	75.2



#21
trans-1,2-Dichloroethene
Concen: 2.691 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW014591.D
Acq: 09 Jan 2020 19:05

Tgt Ion:	96	Resp:	16069
Ion	Ratio	Lower	Upper
96	100		
61	132.2	107.8	161.6
98	66.1	49.4	74.0





#24

1,1-Dichloroethane

Concen: 4.232 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.00 min

Lab File: VW014591.D

Acq: 09 Jan 2020 19:05

Instrument :

MSVOA_W

ClientSampleId :

WP022SB449_200107_28-30RE

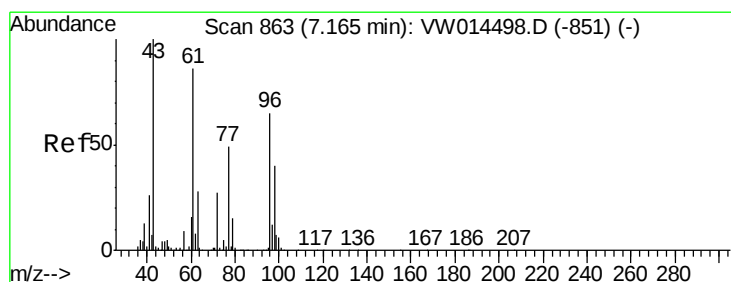
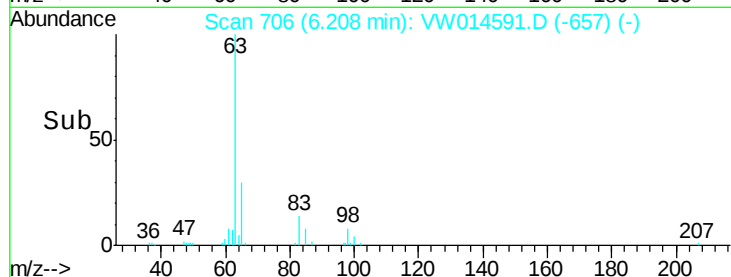
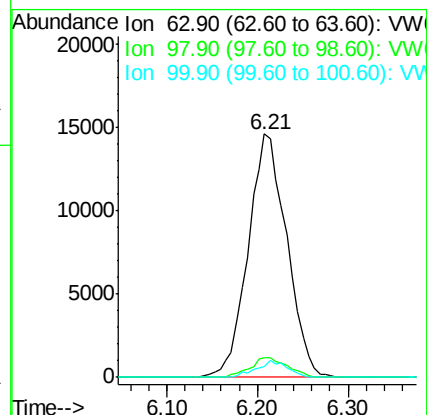
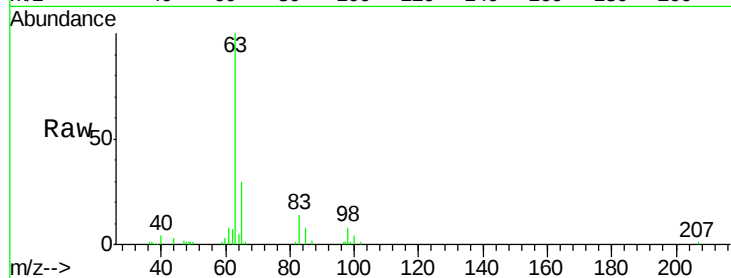
Tot Ion: 63 Resp: 42941

Ion Ratio Lower Upper

63 100

98 8.0 3.5 10.4

100 4.3 2.5 7.4



#27

cis-1,2-Dichloroethene

Concen: 699.120 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW014591.D

Acq: 09 Jan 2020 19:05

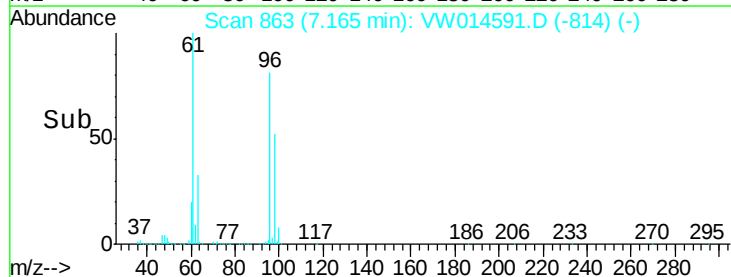
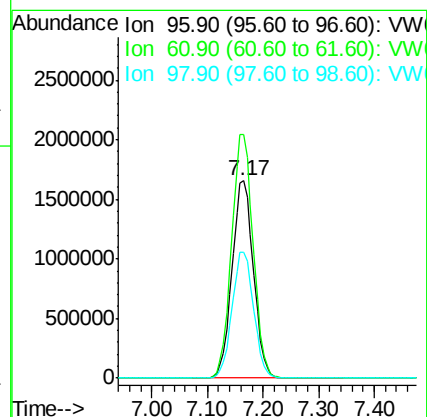
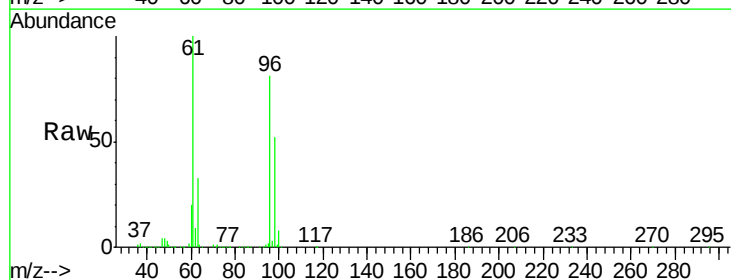
Tgt Ion: 96 Resp: 4386634

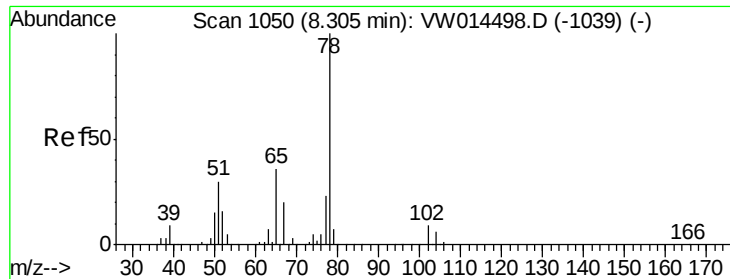
Ion Ratio Lower Upper

96 100

61 124.4 0.0 274.8

98 64.3 0.0 128.6





#33

1,2-Dichloroethane-d4

Concen: 53.717 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW014591.D

Acq: 09 Jan 2020 19:05

Instrument :

MSVOA_W

ClientSampleId :

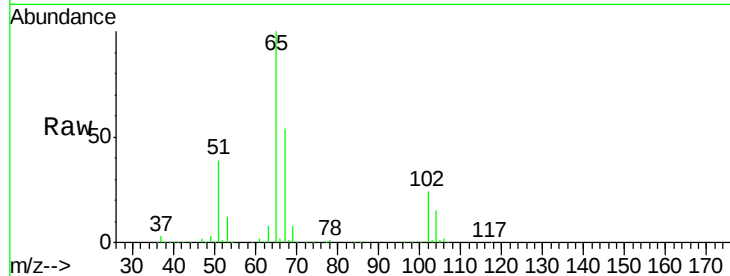
WP022SB449_200107_28-30RE

Tot Ion: 65 Resp: 265411

Ion Ratio Lower Upper

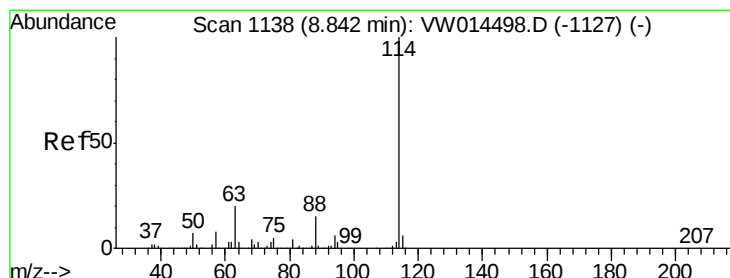
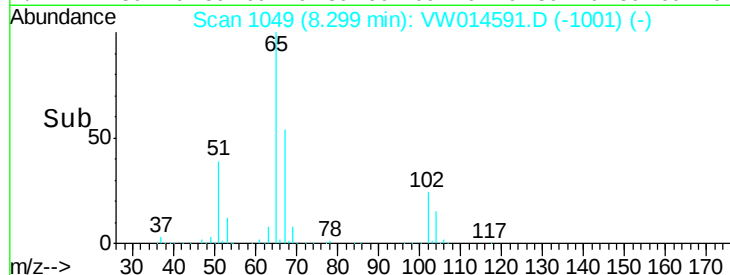
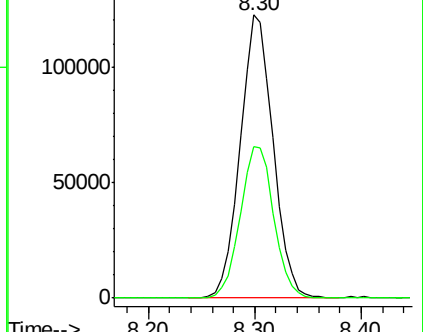
65 100

67 54.8 0.0 108.4



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: VW014591.D

Acq: 09 Jan 2020 19:05

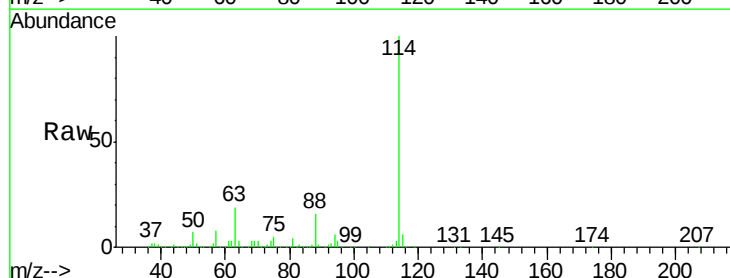
Tgt Ion: 114 Resp: 860910

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.4

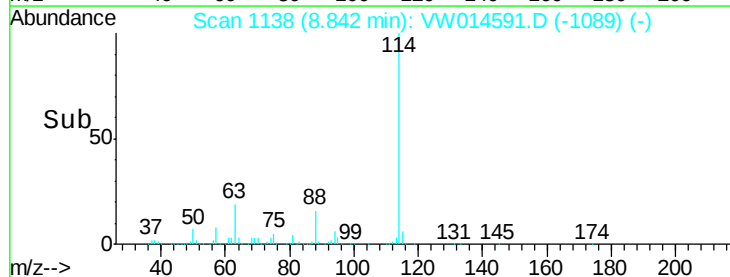
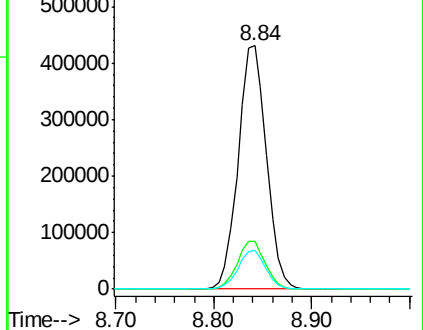
88 15.8 0.0 30.6

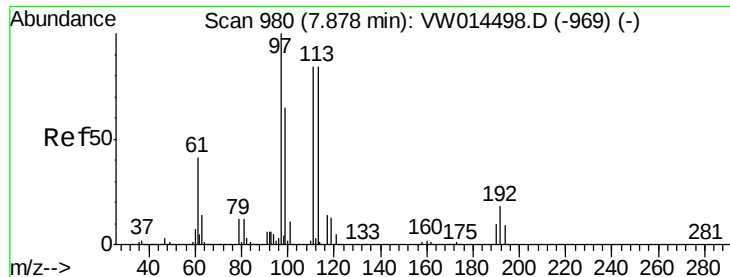


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

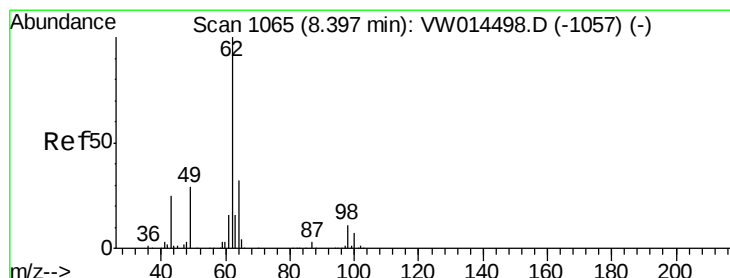
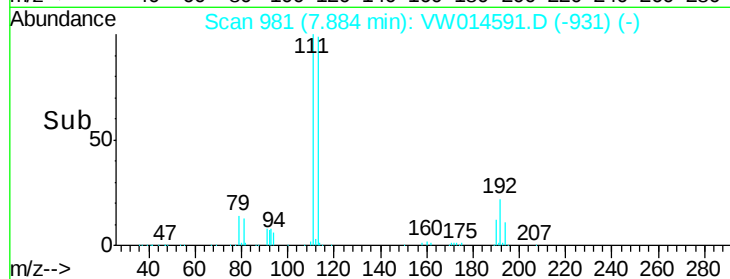
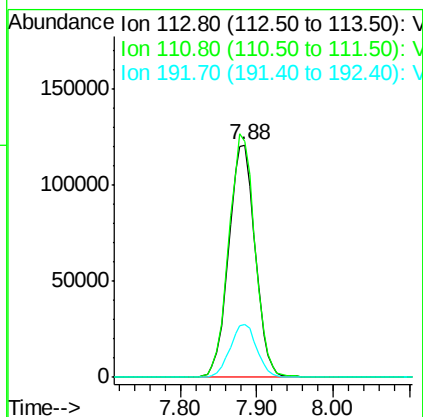
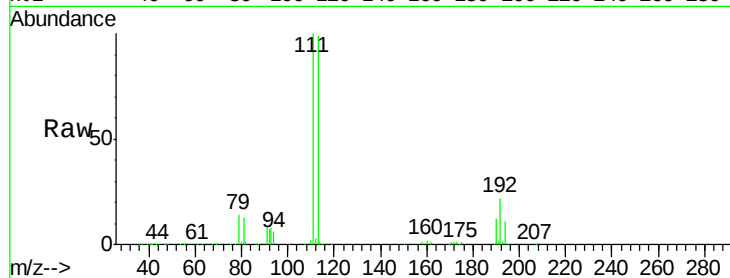




#35
 Dibromofluoromethane
 Concen: 59.057 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW014591.D
 Acq: 09 Jan 2020 19:05

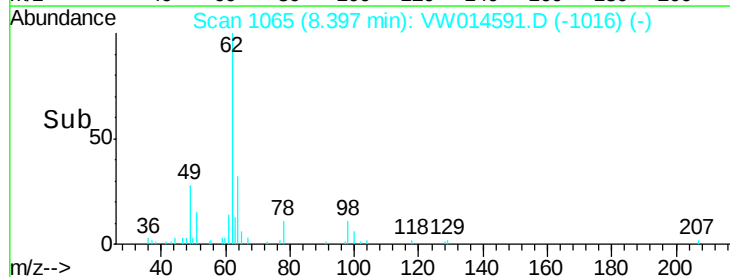
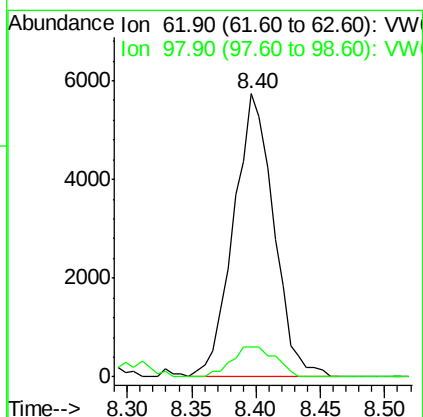
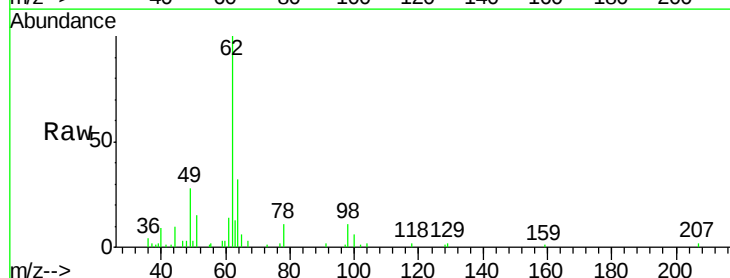
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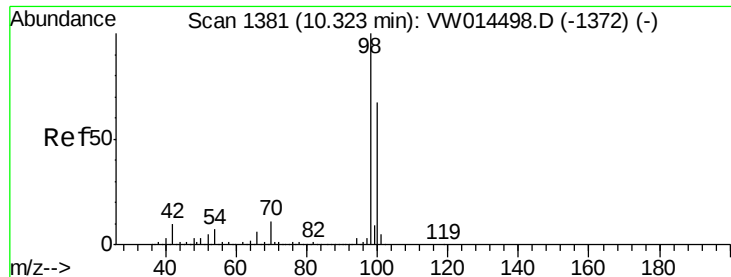
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.4	122.2
192	22.8	17.8	26.8



#42
 1,2-Dichloroethane
 Concen: 2.039 ug/l
 RT: 8.40 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW014591.D
 Acq: 09 Jan 2020 19:05

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.6	0.0	22.0

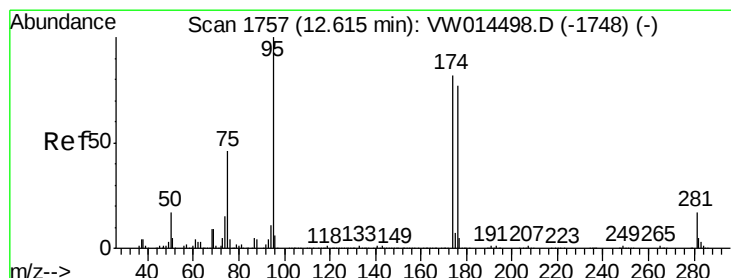
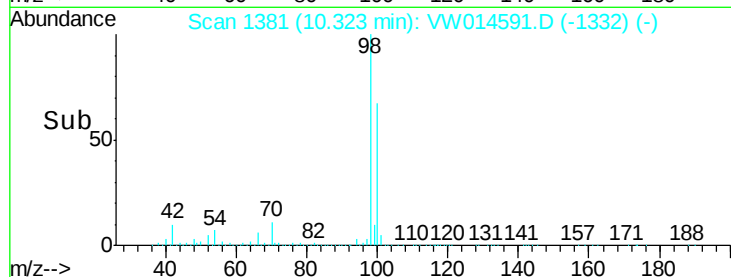
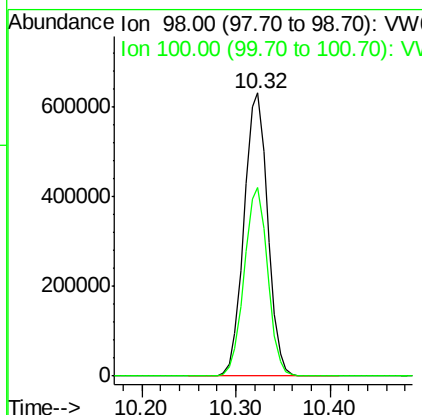
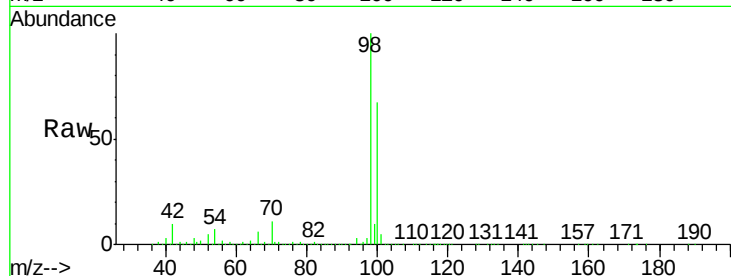




#50
Toluene-d8
Concen: 54.194 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW014591.D
Acq: 09 Jan 2020 19:05

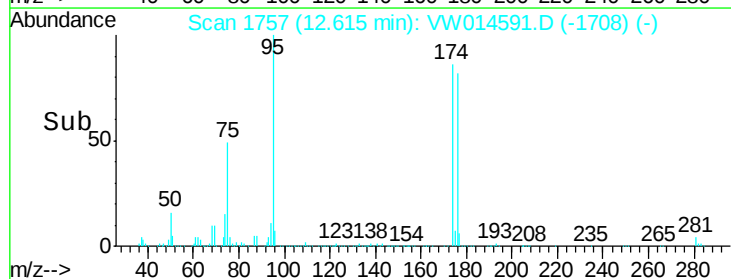
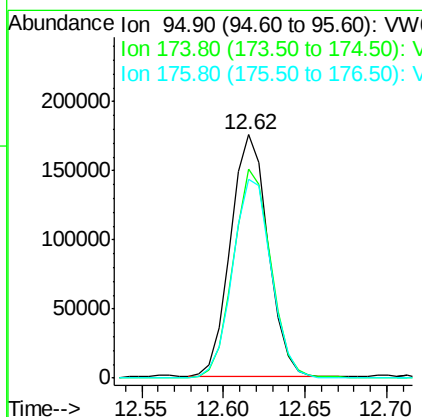
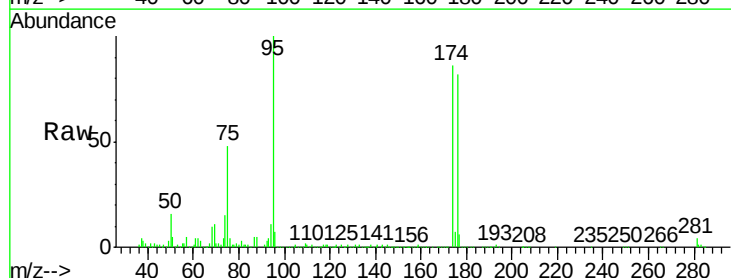
Instrument :
MSVOA_W
ClientSampleId :
WP022SB449_200107_28-30RE

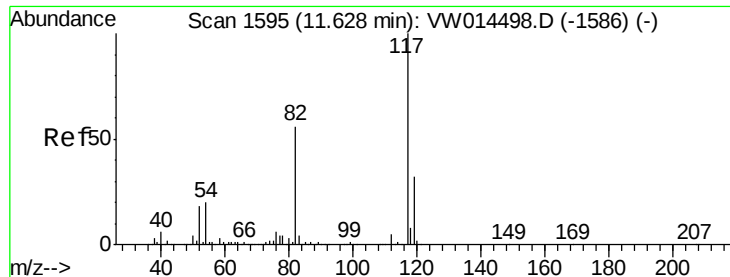
Tot Ion: 98 Resp: 1112782
Ion Ratio Lower Upper
98 100
100 65.9 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 40.557 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW014591.D
Acq: 09 Jan 2020 19:05

Tgt Ion: 95 Resp: 282469
Ion Ratio Lower Upper
95 100
174 86.4 0.0 168.6
176 84.0 0.0 162.0

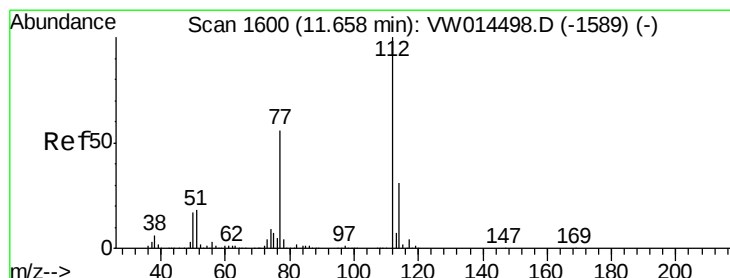
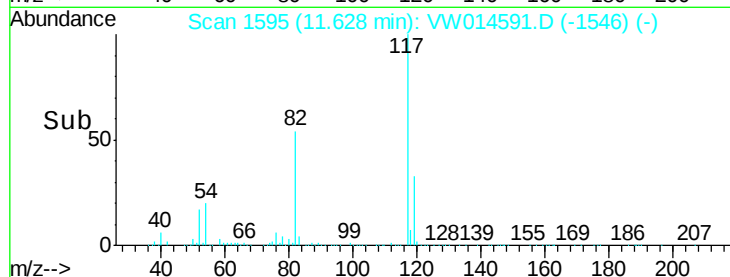
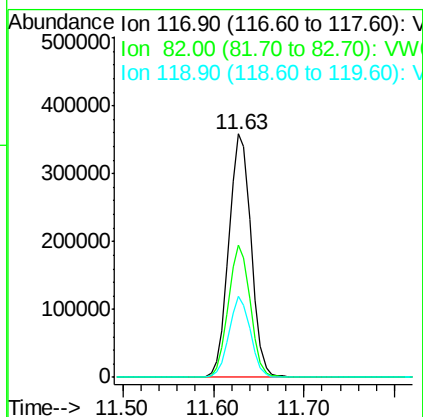
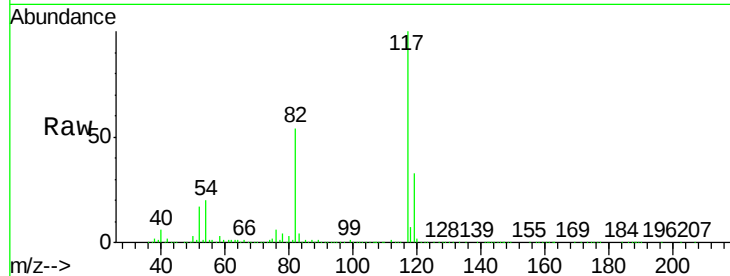




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW014591.D
Acq: 09 Jan 2020 19:05

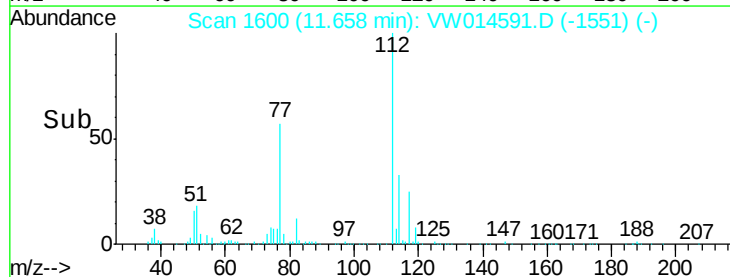
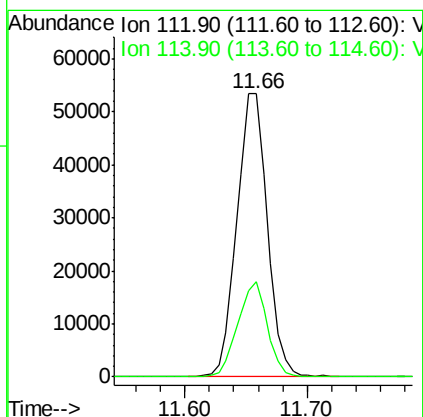
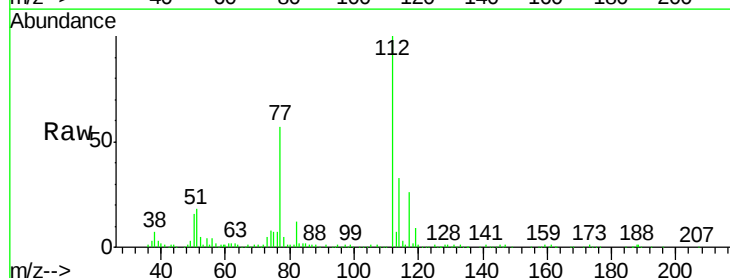
Instrument :
MSVOA_W
ClientSampleId :
WP022SB449_200107_28-30RE

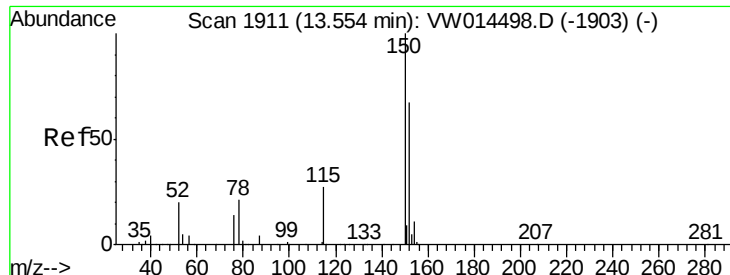
Tot Ion:117 Resp: 609148
Ion Ratio Lower Upper
117 100
82 54.4 44.6 67.0
119 33.3 25.7 38.5



#65
Chlorobenzene
Concen: 7.383 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW014591.D
Acq: 09 Jan 2020 19:05

Tgt Ion:112 Resp: 92134
Ion Ratio Lower Upper
112 100
114 33.5 24.6 37.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.00 min

Lab File: VW014591.D

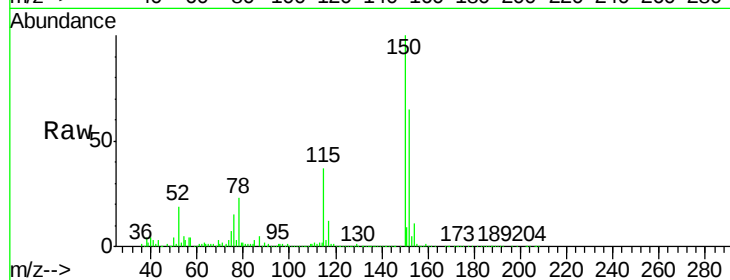
Acq: 09 Jan 2020 19:05

Instrument :

MSVOA_W

ClientSampleId :

WP022SB449_200107_28-30RE



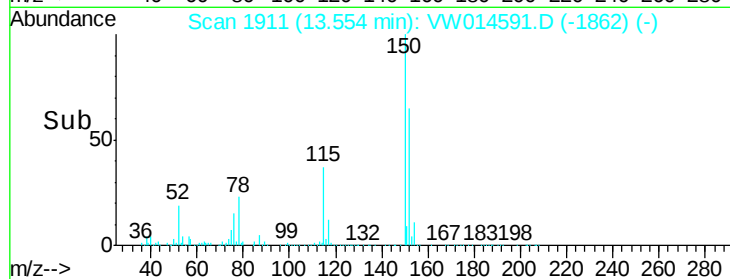
Tot Ion:152 Resp: 195294

Ion Ratio Lower Upper

152 100

115 55.4 27.7 83.1

150 154.7 0.0 343.4



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

250000

200000

150000

100000

50000

0

13.55

13.50

13.60

Time-->