

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052819\
 Data File : VW010572.D
 Acq On : 28 May 2019 17:28
 Operator : SY/VA
 Sample : K3065-03
 Misc : 5.08G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 B-15-1.5-2.0

Quant Time: May 29 07:02:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	132827	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	234327	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	205301	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	91325	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	72504	52.88	ug/l	0.00
Spiked Amount			Recovery	=	105.76%	
35) Dibromofluoromethane	7.88	113	70846	49.83	ug/l	0.00
Spiked Amount			Recovery	=	99.66%	
50) Toluene-d8	10.32	98	282845	52.07	ug/l	0.00
Spiked Amount			Recovery	=	104.14%	
62) 4-Bromofluorobenzene	12.62	95	103963	48.05	ug/l	0.00
Spiked Amount			Recovery	=	96.10%	

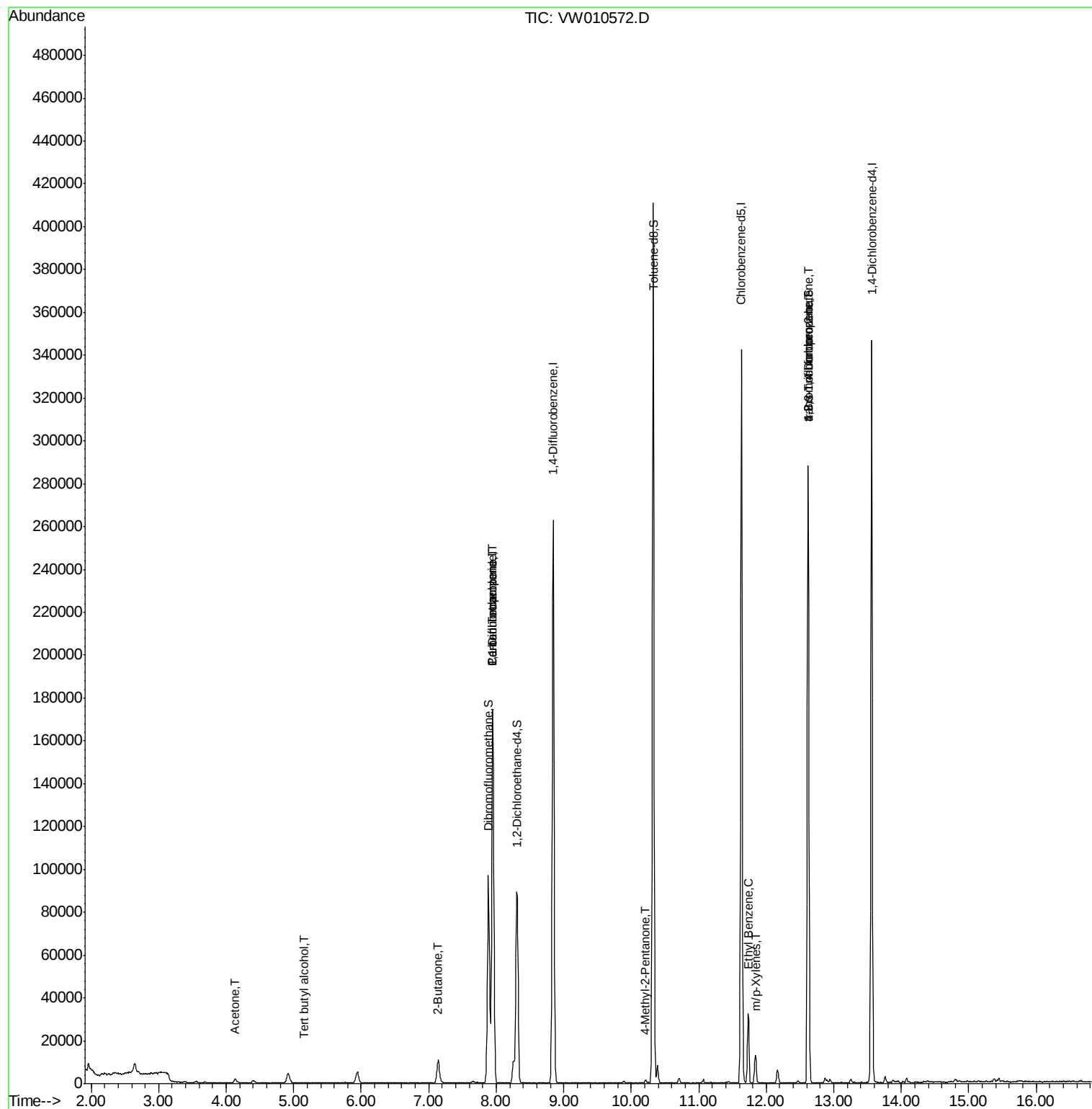
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	40	Below Cal	#	42
11) Tert butyl alcohol	5.16	59	165	1.338	ug/l #	71
16) Acetone	4.13	43	3767	13.461	ug/l	90
20) Methylene Chloride	4.91	84	3698	Below Cal		95
25) 2-Butanone	7.15	43	608	1.518	ug/l #	45
36) 1,1-Dichloropropene	7.95	75	9996	4.579	ug/l #	47
38) Carbon Tetrachloride	7.95	117	13494	5.731	ug/l #	17
51) 4-Methyl-2-Pentanone	10.21	43	1052	1.120	ug/l	91
67) Ethyl Benzene	11.73	91	23661	3.063	ug/l	96
68) m/p-Xylenes	11.84	106	4395	1.450	ug/l	98
76) 1,2,3-Trichloropropane	12.62	75	48368	52.177	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	48368	108.894	ug/l #	14

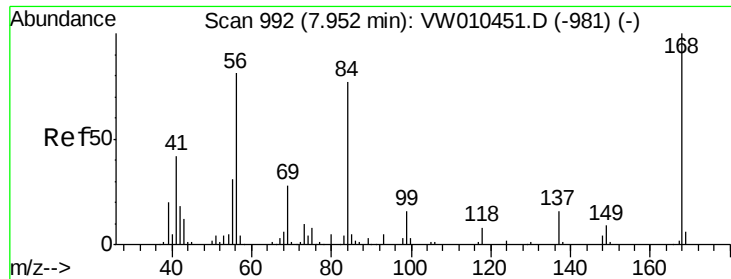
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW052819\
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Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010572.D

Acq: 28 May 2019 17:28

Instrument :

MSVOA_W

ClientSampleId :

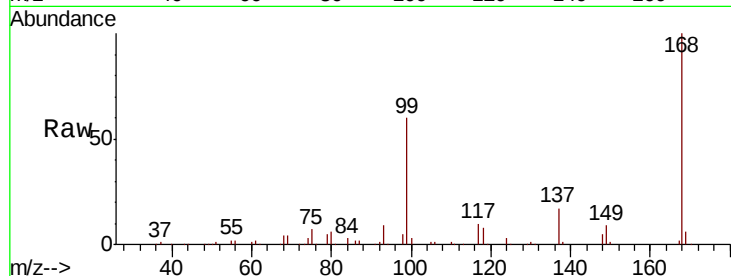
B-15-1.5-2.0

Tot Ion:168 Resp: 132827

Ion Ratio Lower Upper

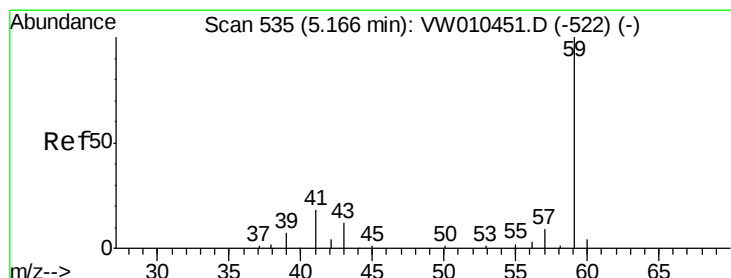
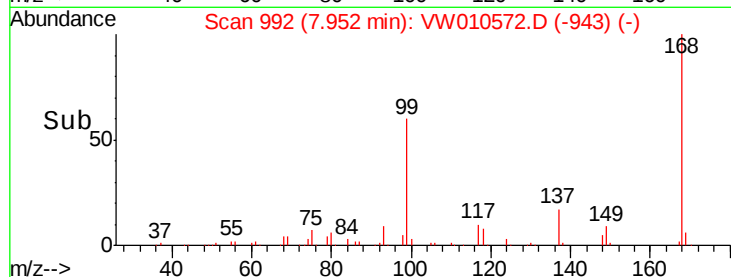
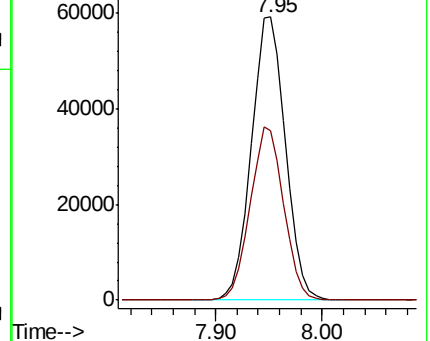
168 100

99 60.0 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 1.338 ug/l

RT: 5.16 min Scan# 534

Delta R.T. -0.01 min

Lab File: VW010572.D

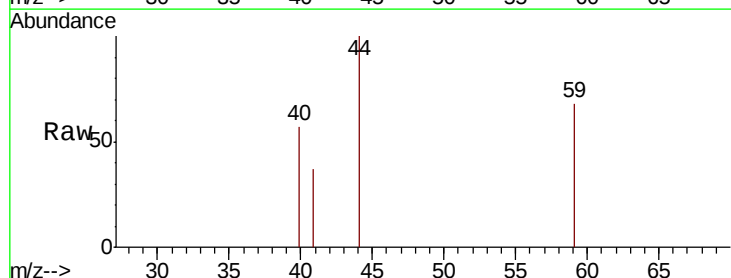
Acq: 28 May 2019 17:28

Tgt Ion: 59 Resp: 165

Ion Ratio Lower Upper

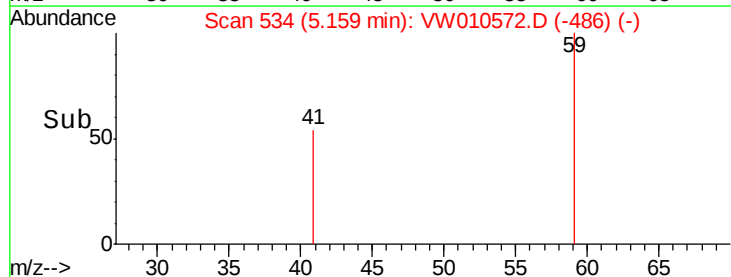
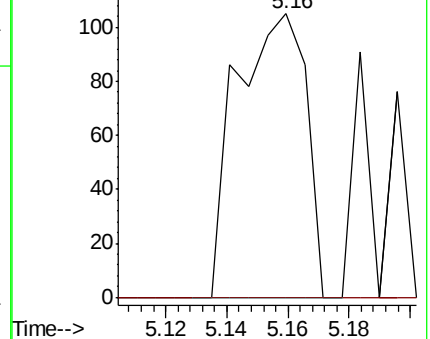
59 100

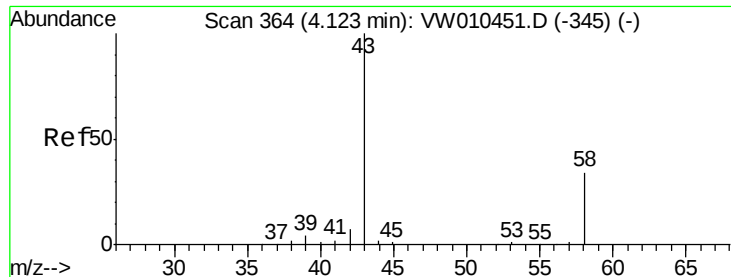
57 0.0 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

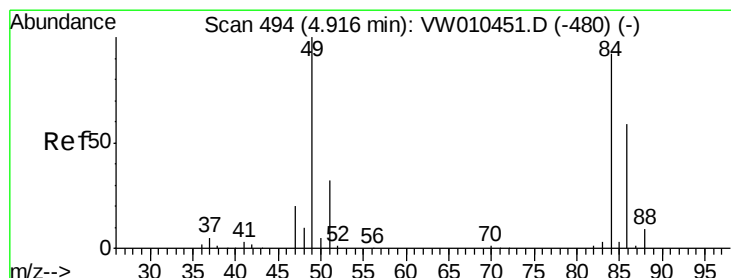
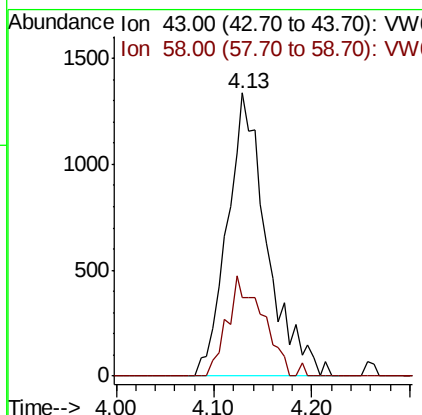
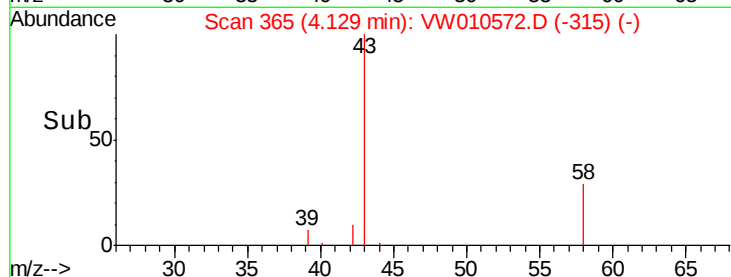
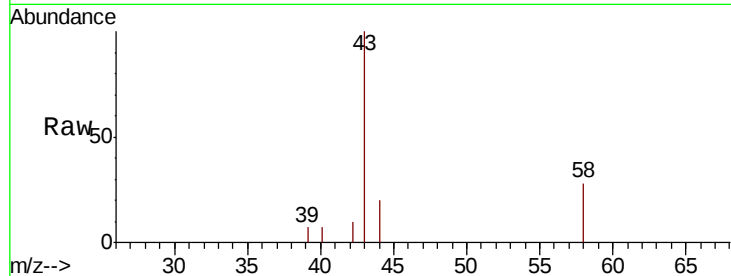




#16
Acetone
Concen: 13.461 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW010572.D
Acq: 28 May 2019 17:28

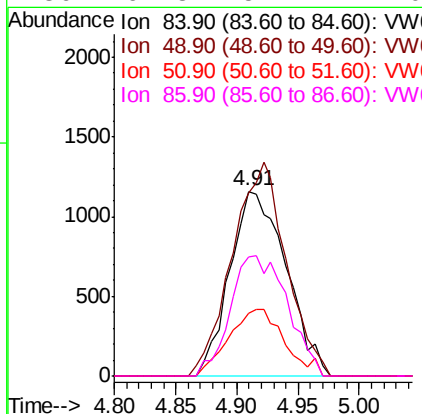
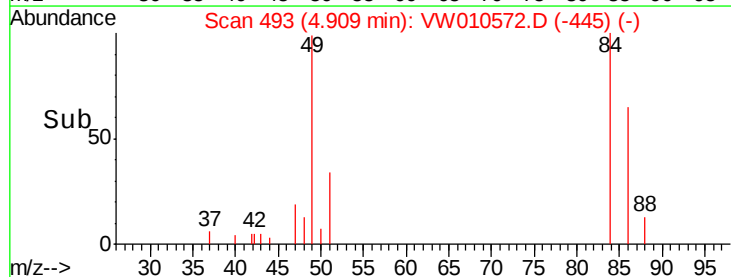
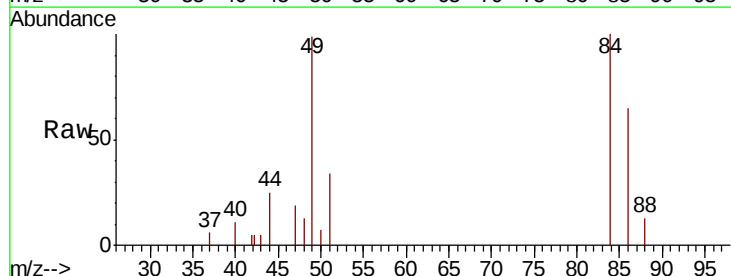
Instrument :
MSVOA_W
ClientSampleId :
B-15-1.5-2.0

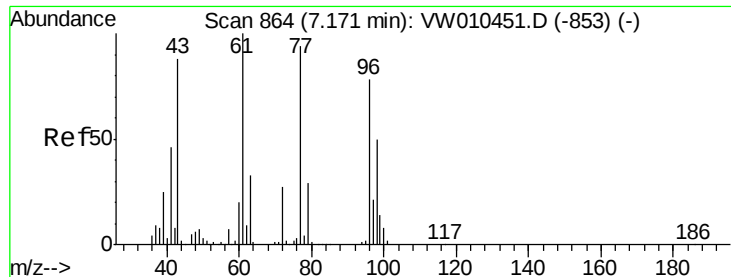
Tot Ion: 43 Resp: 3767
Ion Ratio Lower Upper
43 100
58 27.9 27.0 40.4



#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW010572.D
Acq: 28 May 2019 17:28

Tgt Ion: 84 Resp: 3698
Ion Ratio Lower Upper
84 100
49 99.0 87.2 130.8
51 33.8 27.7 41.5
86 64.8 51.4 77.0





#25

2-Butanone

Concen: 1.518 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW010572.D

Acq: 28 May 2019 17:28

Instrument :

MSVOA_W

ClientSampleId :

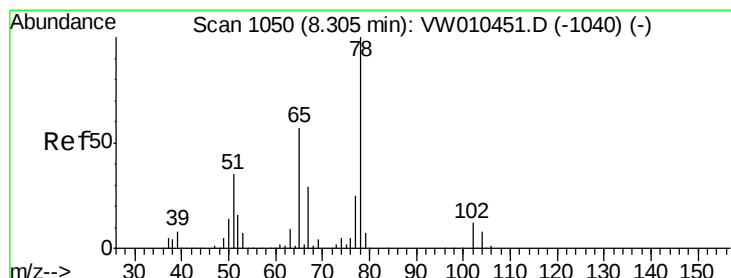
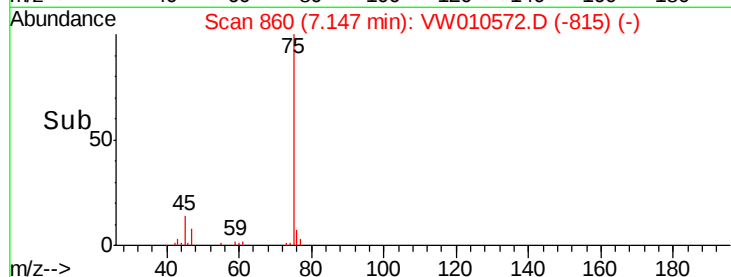
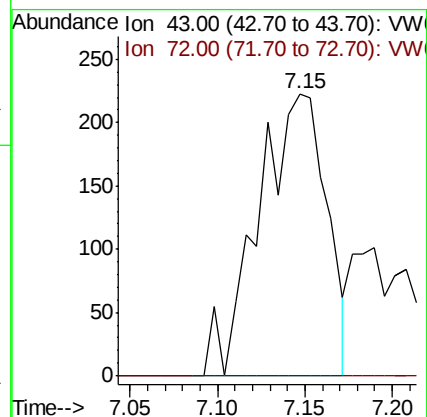
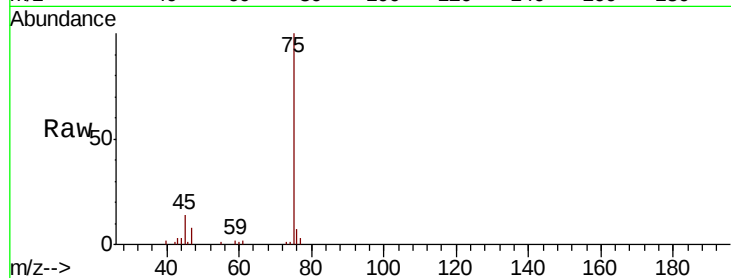
B-15-1.5-2.0

Tot Ion: 43 Resp: 608

Ion Ratio Lower Upper

43 100

72 0.0 24.1 36.1#



#33

1,2-Dichloroethane-d4

Concen: 52.884 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010572.D

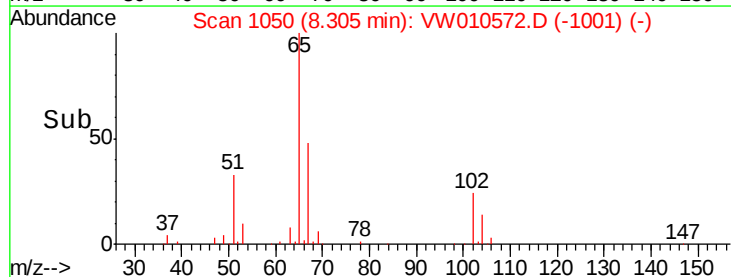
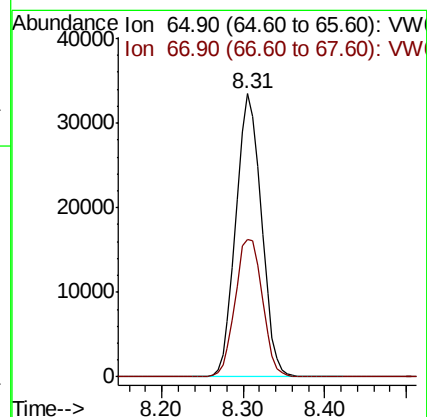
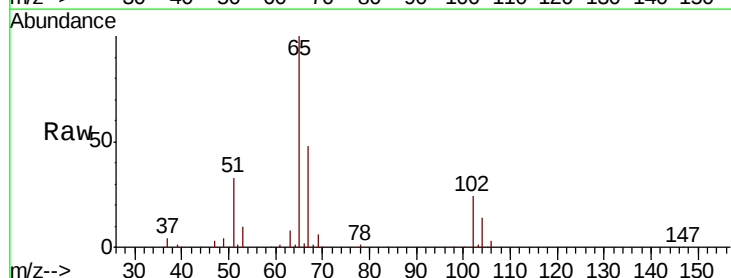
Acq: 28 May 2019 17:28

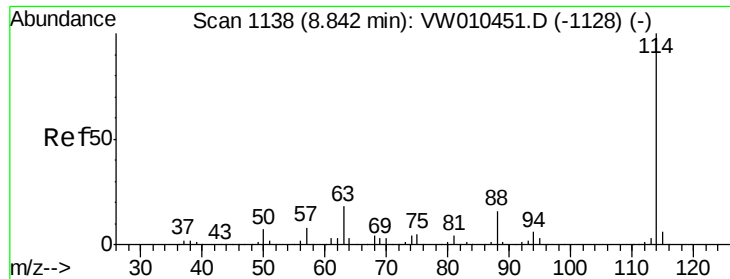
Tgt Ion: 65 Resp: 72504

Ion Ratio Lower Upper

65 100

67 51.7 0.0 103.6

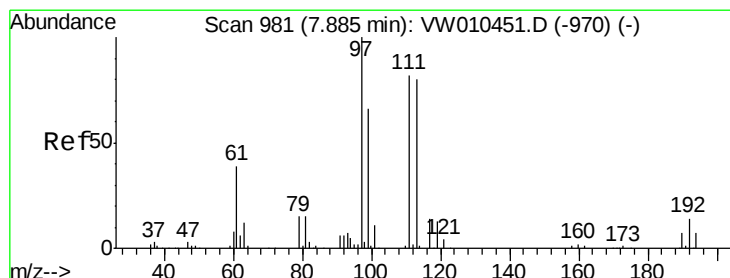
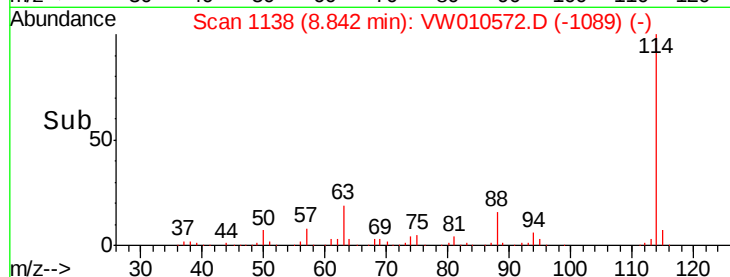
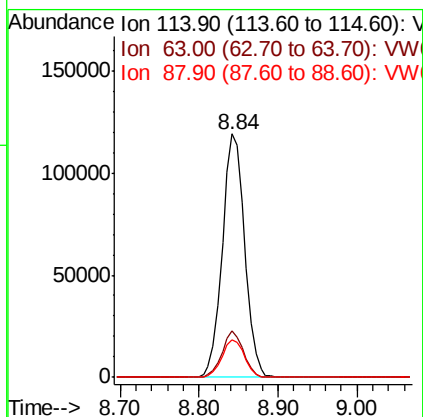
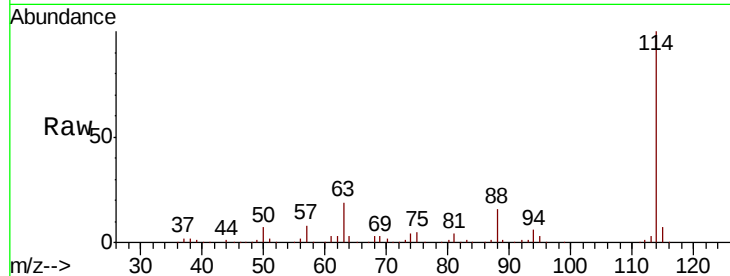




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010572.D
 Acq: 28 May 2019 17:28

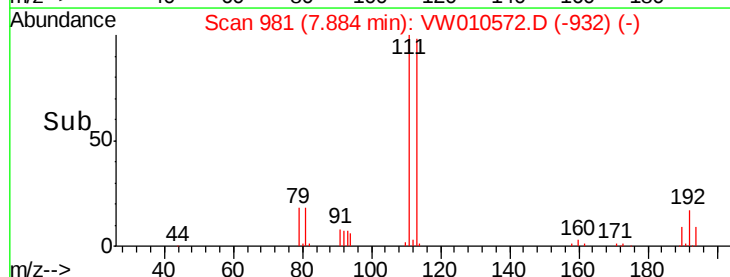
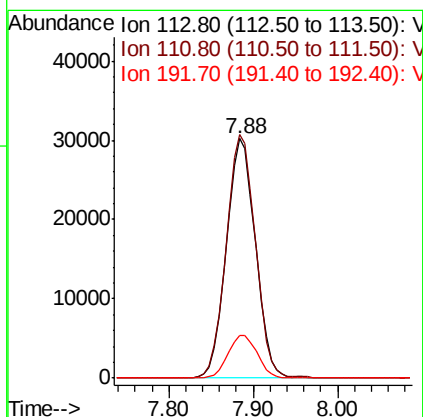
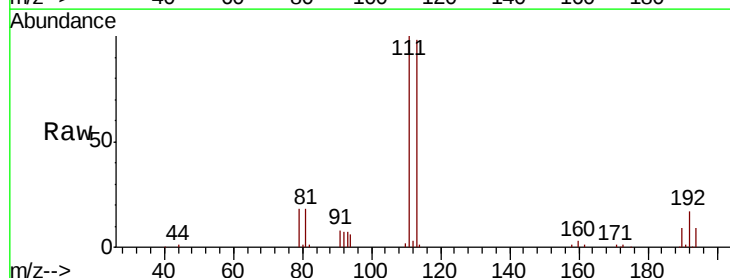
Instrument :
 MSVOA_W
 ClientSampleId :
 B-15-1.5-2.0

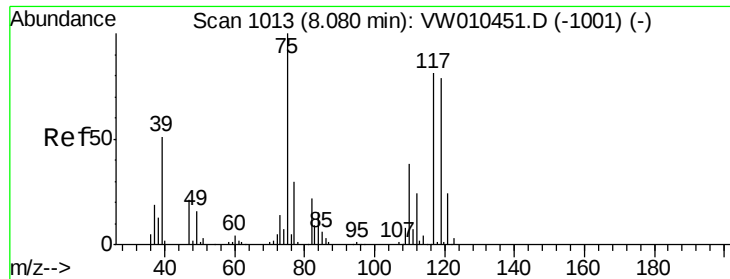
Tot Ion:114	Resp:	234327
Ion	Ratio	Lower Upper
114	100	
63	18.9	0.0 36.0
88	15.7	0.0 32.0



#35
 Dibromofluoromethane
 Concen: 49.827 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010572.D
 Acq: 28 May 2019 17:28

Tgt Ion:113	Resp:	70846
Ion	Ratio	Lower Upper
113	100	
111	102.2	82.2 123.4
192	18.1	14.3 21.5

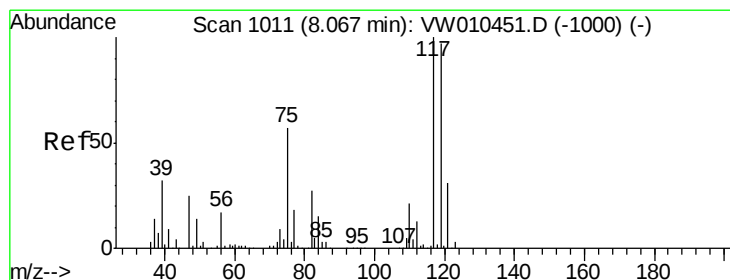
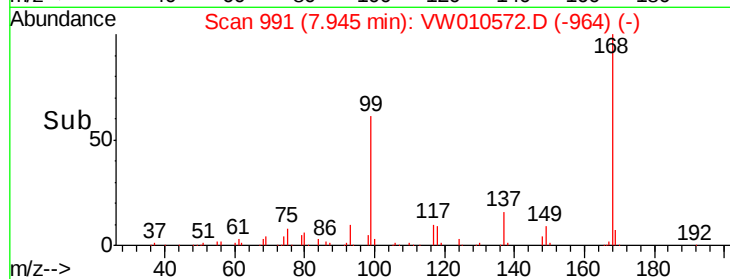
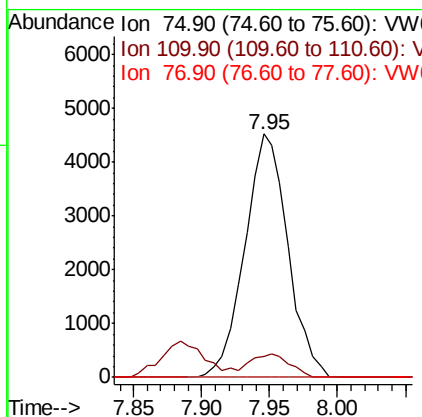
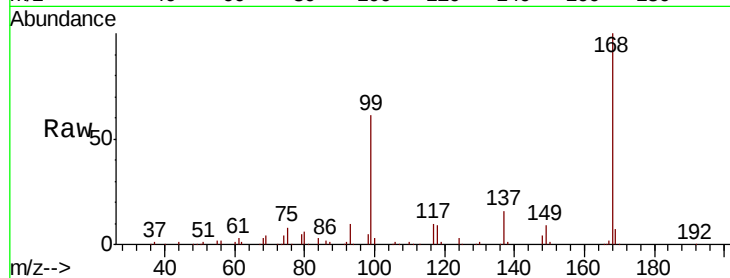




#36
 1,1-Dichloropropene
 Concen: 4.579 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW010572.D
 Acq: 28 May 2019 17:28

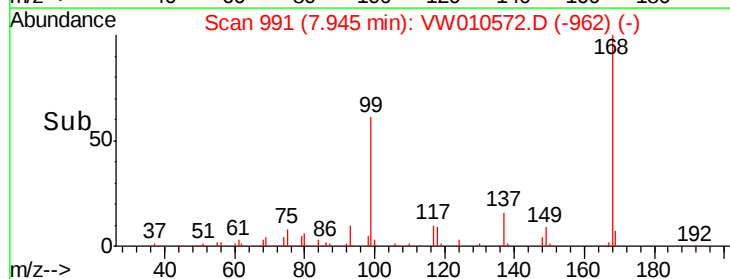
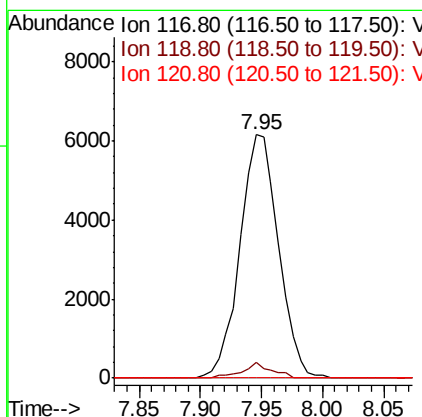
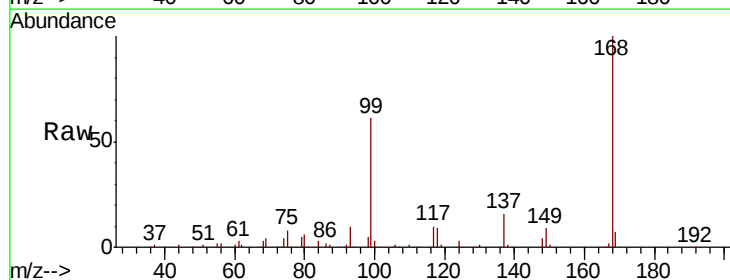
Instrument :
 MSVOA_W
 ClientSampleId :
 B-15-1.5-2.0

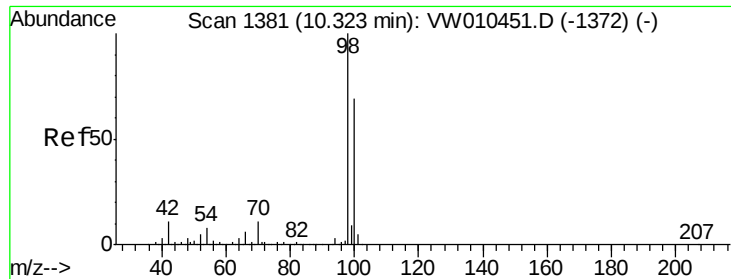
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.6	19.2	57.6#
77	0.0	25.2	37.8#



#38
 Carbon Tetrachloride
 Concen: 5.731 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW010572.D
 Acq: 28 May 2019 17:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.4	77.4	116.0#
121	0.0	25.0	37.6#





#50

Toluene-d8

Concen: 52.072 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010572.D

Acq: 28 May 2019 17:28

Instrument :

MSVOA_W

ClientSampleId :

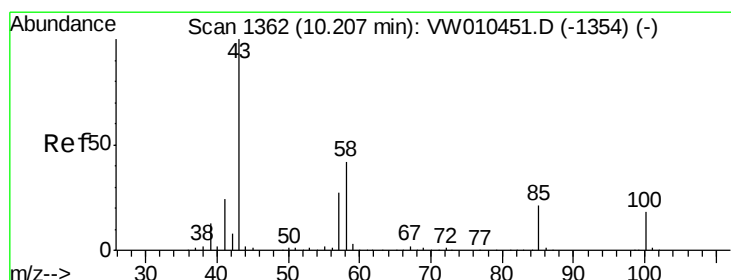
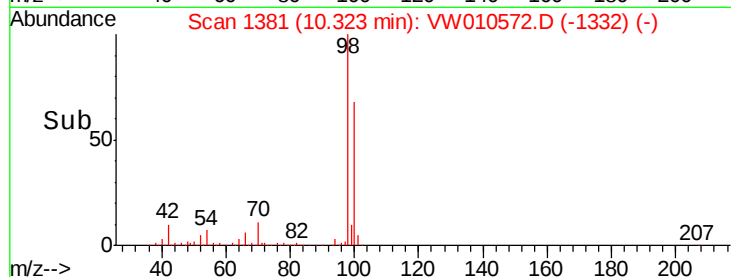
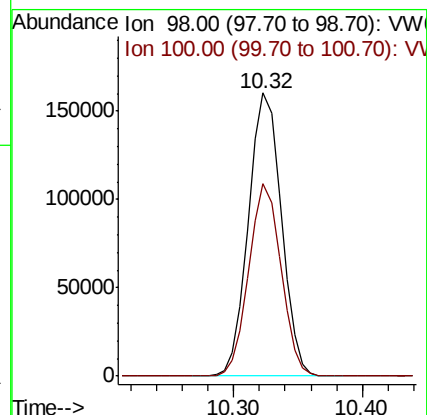
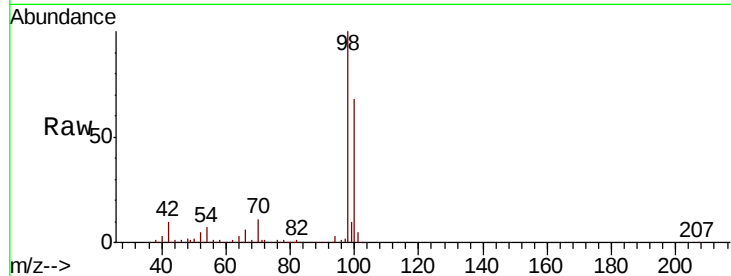
B-15-1.5-2.0

Tot Ion: 98 Resp: 282845

Ion Ratio Lower Upper

98 100

100 66.7 53.7 80.5



#51

4-Methyl-2-Pentanone

Concen: 1.120 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW010572.D

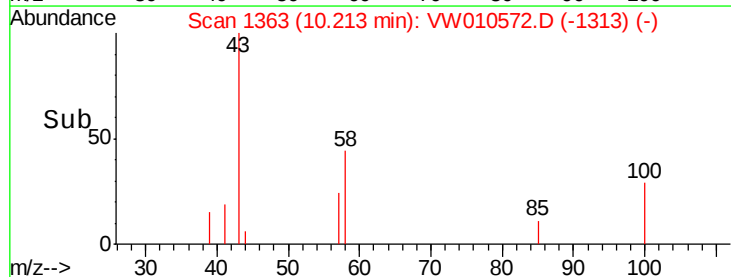
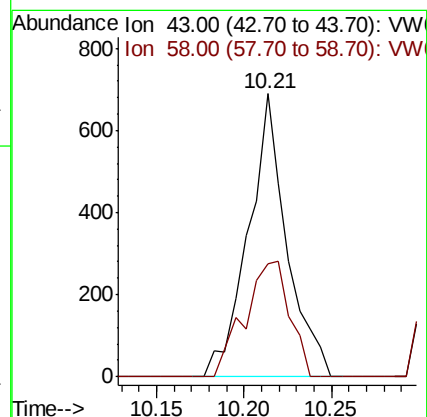
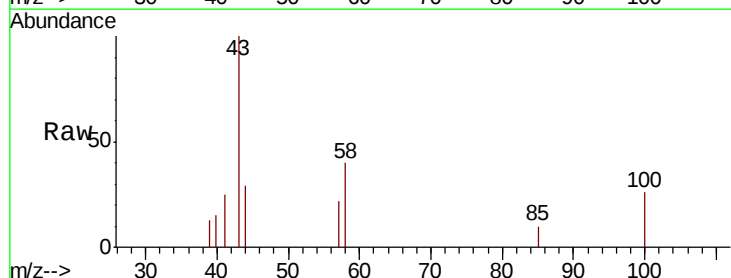
Acq: 28 May 2019 17:28

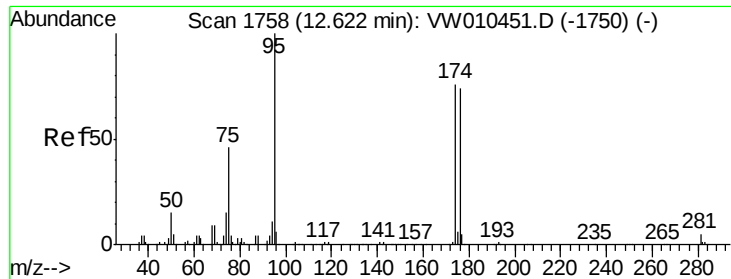
Tgt Ion: 43 Resp: 1052

Ion Ratio Lower Upper

43 100

58 47.3 33.2 49.8

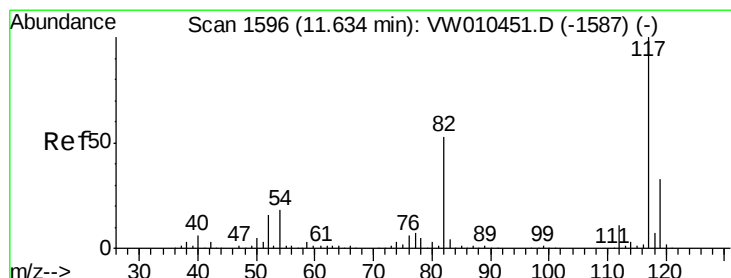
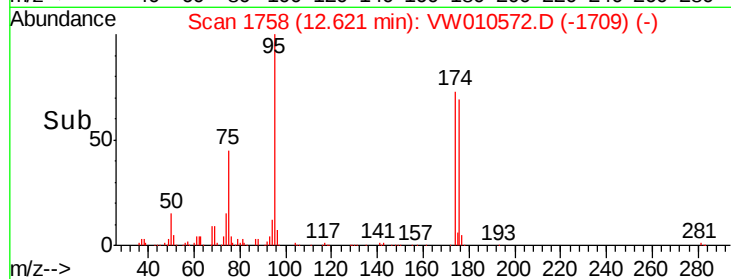
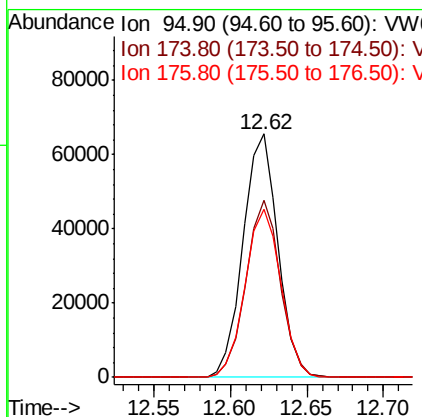
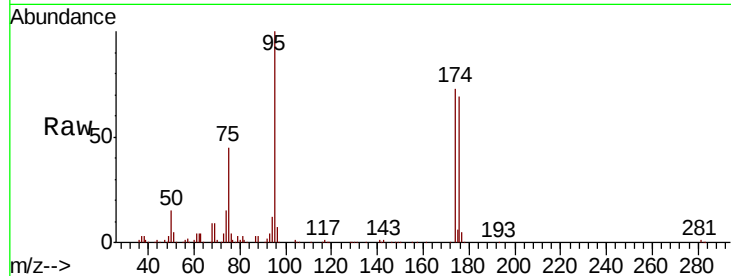




#62
4-Bromofluorobenzene
Concen: 48.052 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010572.D
Acq: 28 May 2019 17:28

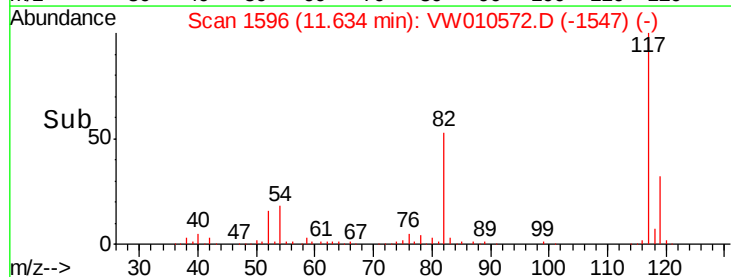
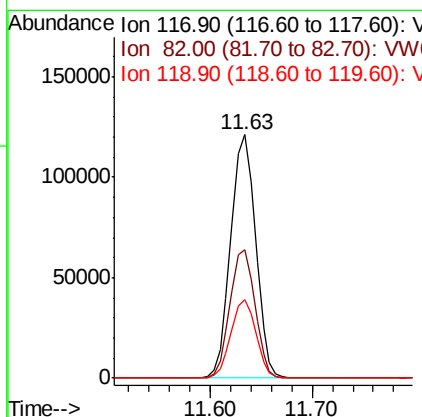
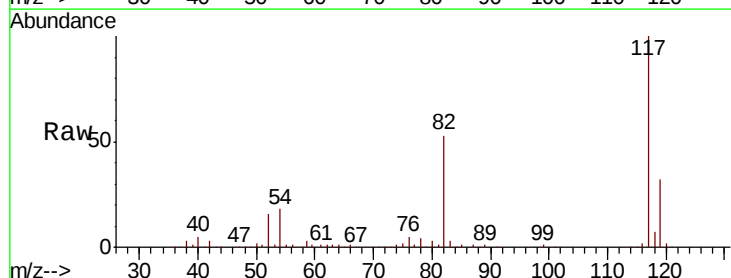
Instrument :
MSVOA_W
ClientSampleId :
B-15-1.5-2.0

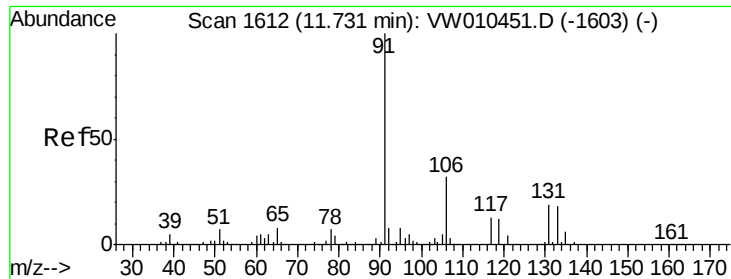
Tot Ion	95	Resp	103963
Ion Ratio	Lower	Upper	
95	100		
174	72.1	0.0	148.6
176	70.7	0.0	144.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010572.D
Acq: 28 May 2019 17:28

Tgt Ion	117	Resp	205301
Ion Ratio	Lower	Upper	
117	100		
82	52.9	42.8	64.2
119	32.2	26.3	39.5





#67

Ethyl Benzene

Concen: 3.063 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW010572.D

Acq: 28 May 2019 17:28

Instrument :

MSVOA_W

ClientSampleId :

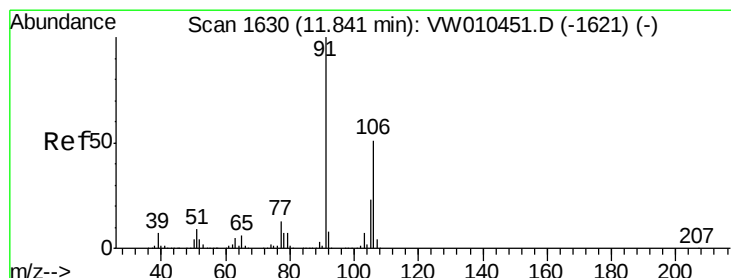
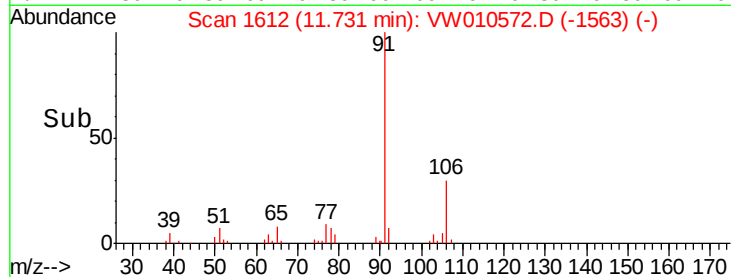
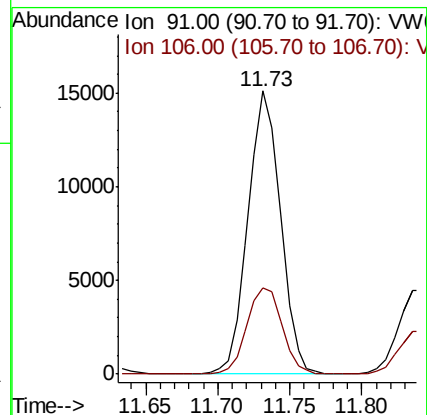
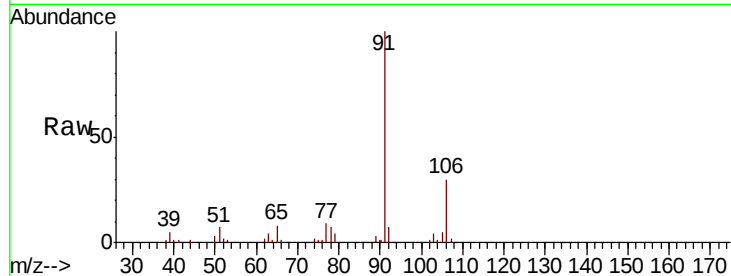
B-15-1.5-2.0

Tot Ion: 91 Resp: 23661

Ion Ratio Lower Upper

91 100

106 30.4 25.9 38.9



#68

m/p-Xylenes

Concen: 1.450 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW010572.D

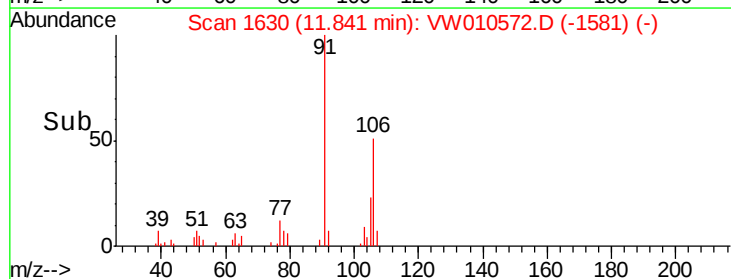
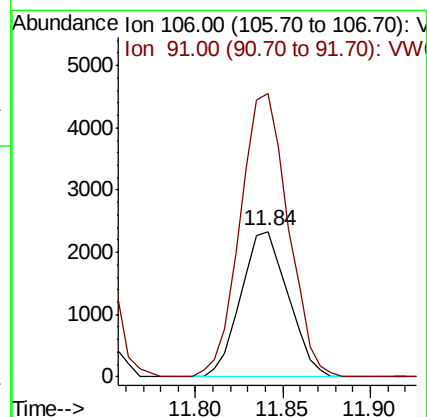
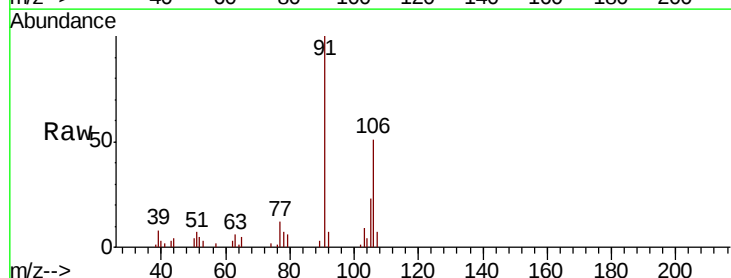
Acq: 28 May 2019 17:28

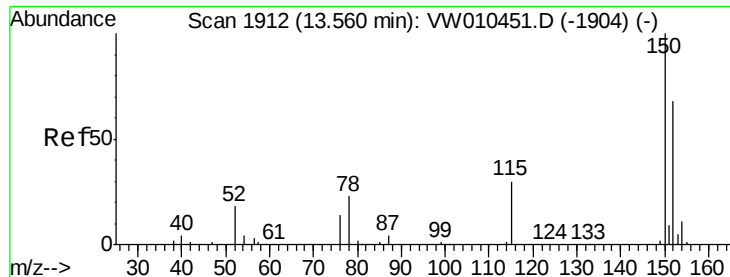
Tgt Ion:106 Resp: 4395

Ion Ratio Lower Upper

106 100

91 197.7 156.0 234.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010572.D

Acq: 28 May 2019 17:28

Instrument :

MSVOA_W

ClientSampleId :

B-15-1.5-2.0

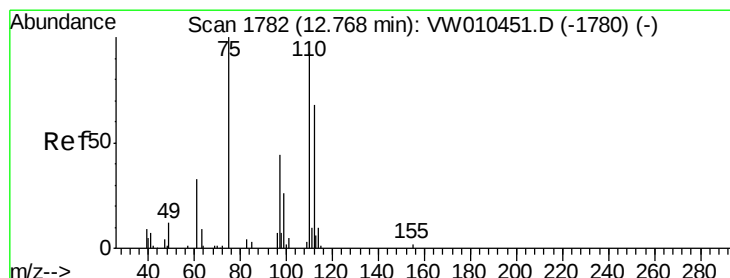
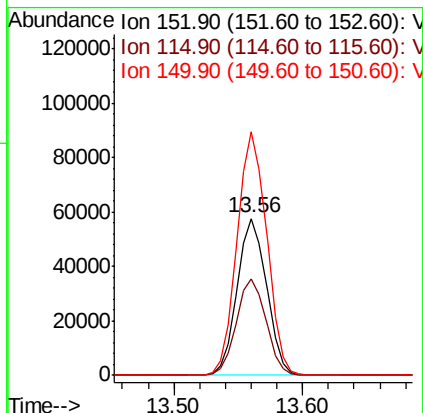
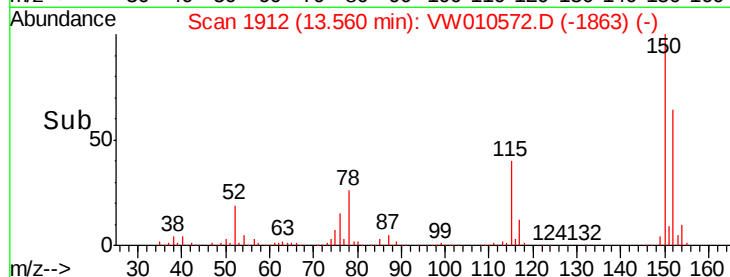
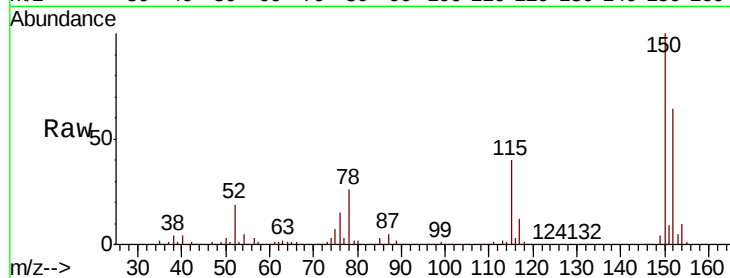
Tot Ion:152 Resp: 91325

Ion Ratio Lower Upper

152 100

115 62.0 30.3 91.0

150 156.3 0.0 349.8



#76

1,2,3-Trichloropropane

Concen: 52.177 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010572.D

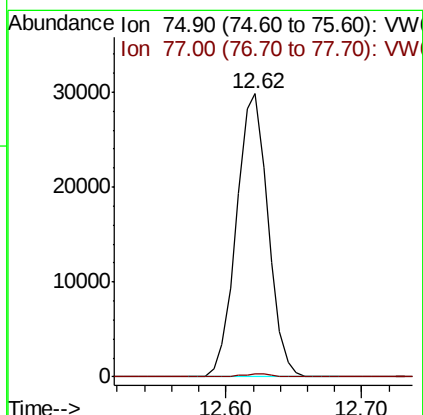
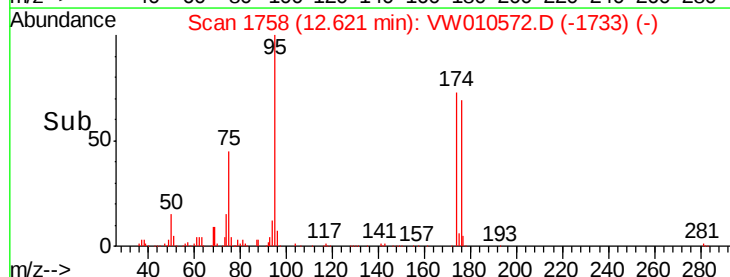
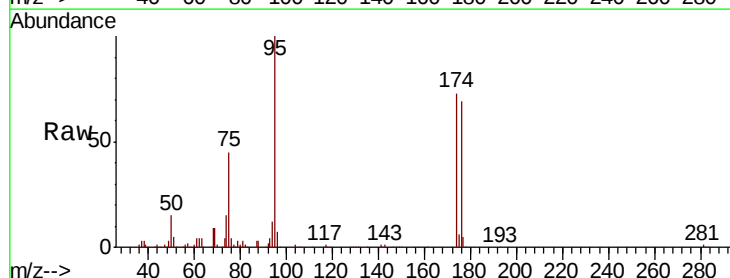
Acq: 28 May 2019 17:28

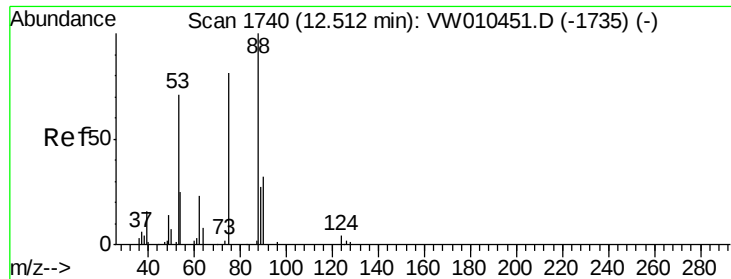
Tgt Ion: 75 Resp: 48368

Ion Ratio Lower Upper

75 100

77 1.0 170.0 510.1#





#81

trans-1,4-Dichloro-2-butene

Concen: 108.894 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010572.D

Acq: 28 May 2019 17:28

Instrument :

MSVOA_W

ClientSampleId :

B-15-1.5-2.0

Tot Ion: 75 Resp: 48368

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.8#

89 0.0 39.5 59.3#

