

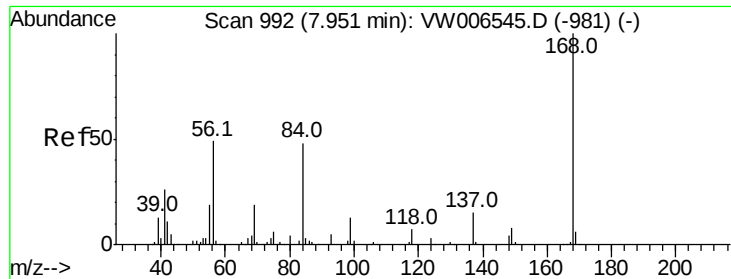
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110818\
 Data File : VW006776.D
 Acq On : 08 Nov 2018 19:41
 Operator : SY/AP
 Sample : J5745-19RE
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 8BRE

Quant Time: Nov 09 11:15:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	181411	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	266924	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	247387	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	114268	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	68820	44.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.26%	
35) Dibromofluoromethane	7.88	113	66564	39.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.48%	
50) Toluene-d8	10.33	98	207008	32.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.92%	
62) 4-Bromofluorobenzene	12.62	95	69160	29.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	59.82%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.24	59	105	1.250	ug/l #	84
16) Acetone	4.14	43	4775	18.966	ug/l	92
20) Methylene Chloride	4.90	84	5254	Below Cal	#	82
25) 2-Butanone	7.15	43	926	2.578	ug/l #	76
31) Cyclohexane	7.95	56	3206	1.291	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	11631	4.955	ug/l #	49
38) Carbon Tetrachloride	7.95	117	15862	6.467	ug/l #	16
51) 4-Methyl-2-Pentanone	10.22	43	878	1.053	ug/l	87
67) Ethyl Benzene	11.73	91	12961	1.490	ug/l	98
68) m/p-Xylenes	11.84	106	8994	2.587	ug/l	97
69) o-Xylene	12.17	106	33637	10.164	ug/l	97
76) 1,2,3-Trichloropropane	12.62	75	34487	38.682	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	34487	97.505	ug/l #	11

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

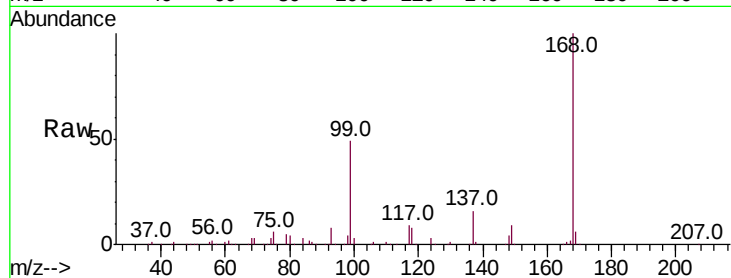


#1

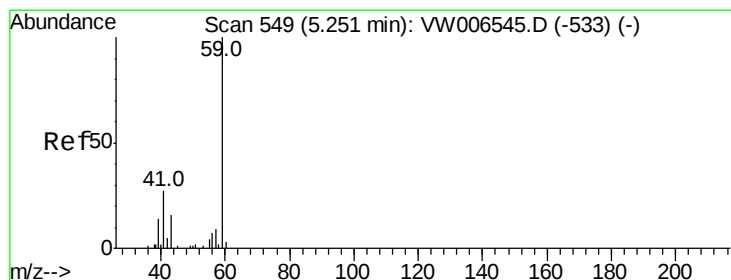
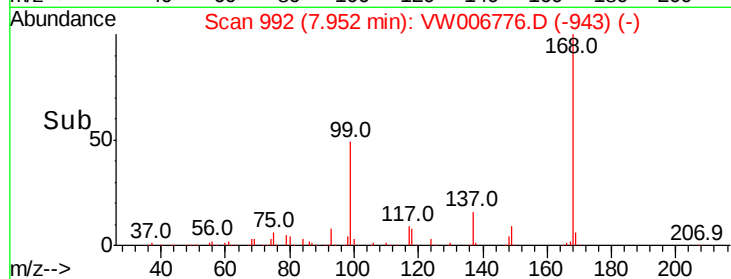
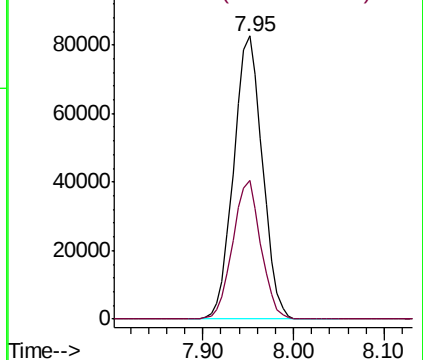
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: VW006776.D
 Acq: 08 Nov 2018 19:41

Instrument :
 MSVOA_W
 ClientSampled :
 8BRE

Tot Ion:168 Resp: 181411
 Ion Ratio Lower Upper
 168 100
 99 48.9 37.4 56.0



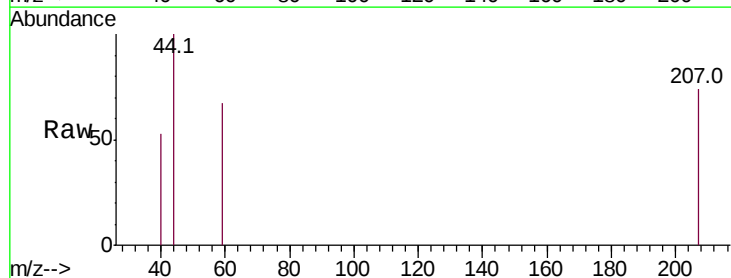
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VW



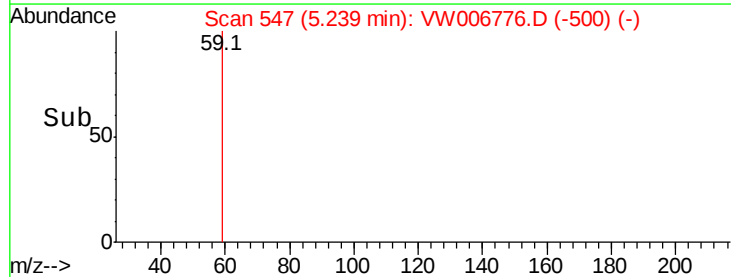
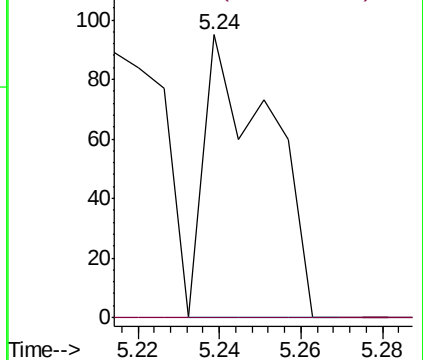
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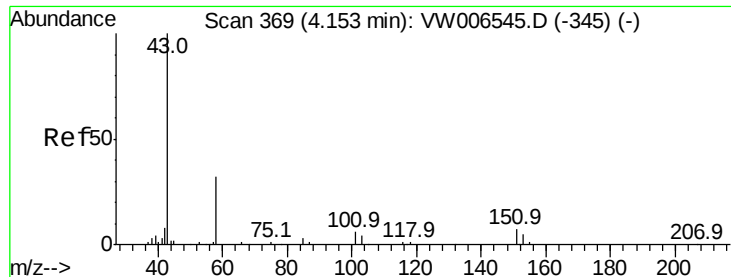
Tert butyl alcohol
 Concen: 1.250 ug/l
 RT: 5.24 min Scan# 547
 Delta R.T. -0.01 min
 Lab File: VW006776.D
 Acq: 08 Nov 2018 19:41

Tgt Ion: 59 Resp: 105
 Ion Ratio Lower Upper
 59 100
 57 0.0 4.3 6.5#



Abundance Ion 59.00 (58.70 to 59.70): VW
 Ion 57.00 (56.70 to 57.70): VW

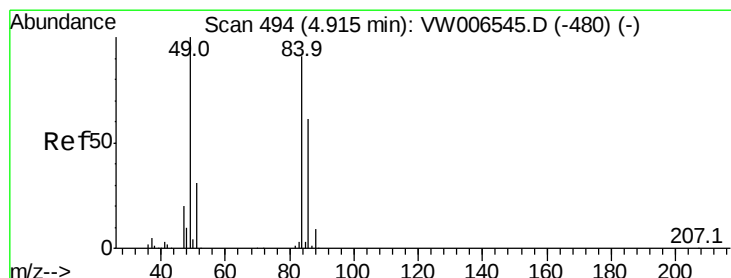
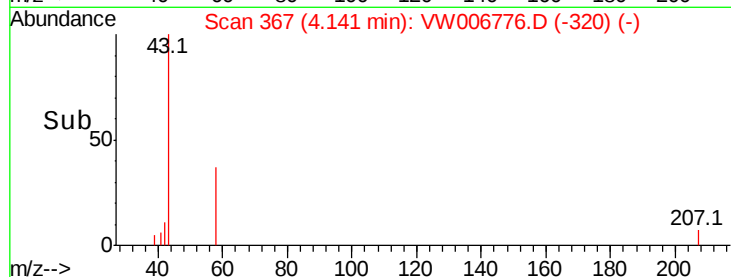
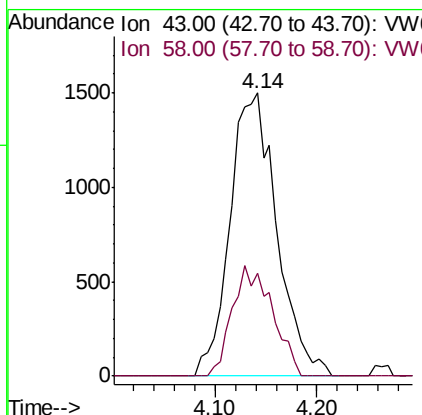
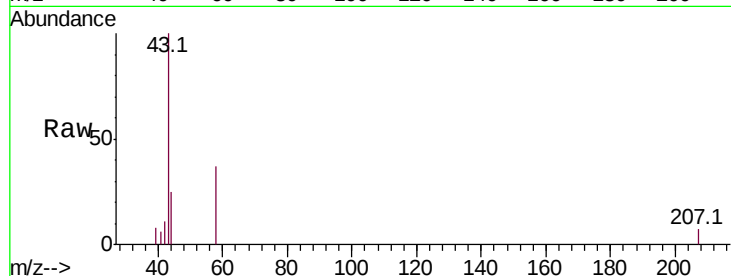




#16
Acetone
Concen: 18.966 ug/l
RT: 4.14 min Scan# 367
Delta R.T. -0.01 min
Lab File: VW006776.D
Acq: 08 Nov 2018 19:41

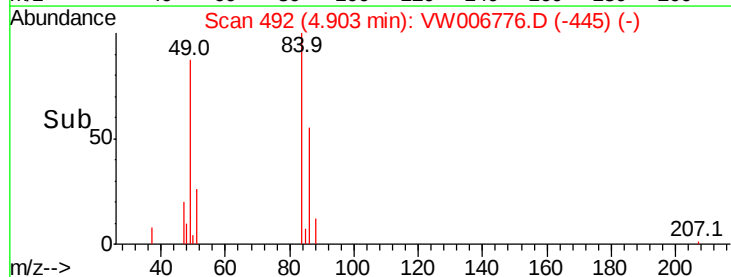
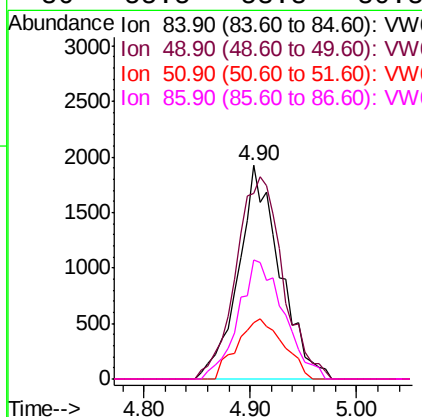
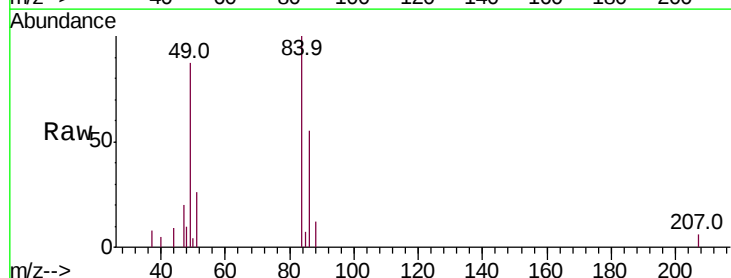
Instrument :
MSVOA_W
ClientSampleId :
8BRE

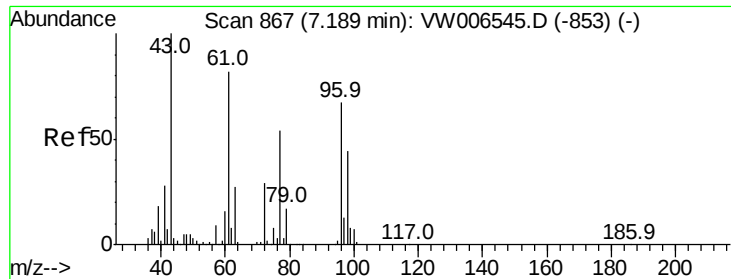
Tot Ion: 43 Resp: 4775
Ion Ratio Lower Upper
43 100
58 36.6 25.8 38.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW006776.D
Acq: 08 Nov 2018 19:41

Tgt Ion: 84 Resp: 5254
Ion Ratio Lower Upper
84 100
49 87.0 88.2 132.4#
51 26.1 27.0 40.6#
86 55.5 53.8 80.8





#25

2-Butanone

Concen: 2.578 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.04 min

Lab File: VW006776.D

Acq: 08 Nov 2018 19:41

Instrument :

MSVOA_W

ClientSampled :

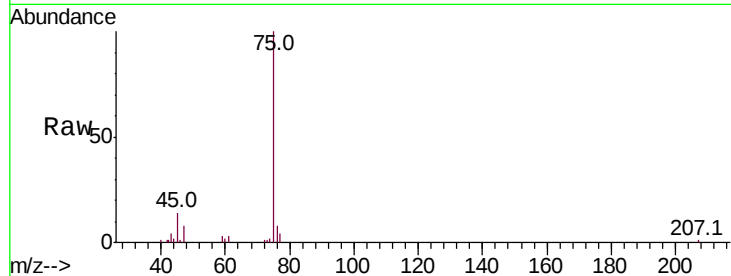
8BRE

Tot Ion: 43 Resp: 926

Ion Ratio Lower Upper

43 100

72 16.0 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.15

400

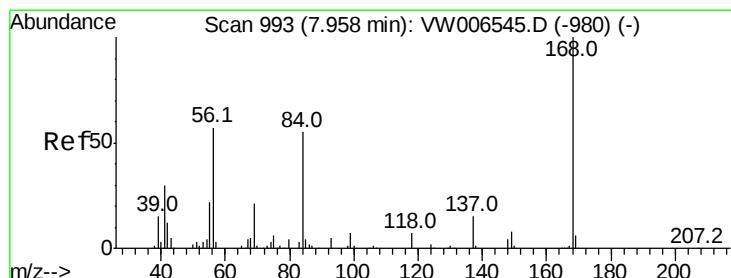
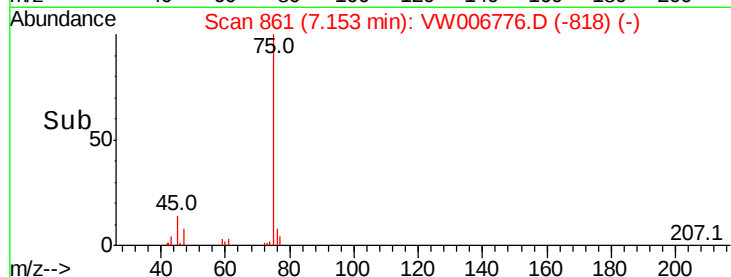
300

200

100

0

Time-->



#31

Cyclohexane

Concen: 1.291 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006776.D

Acq: 08 Nov 2018 19:41

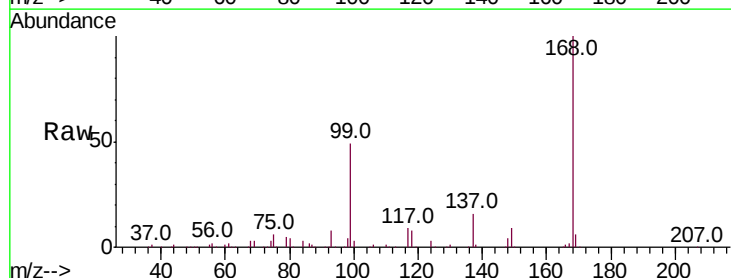
Tgt Ion: 56 Resp: 3206

Ion Ratio Lower Upper

56 100

69 188.6 29.0 43.4#

84 163.1 77.8 116.6#



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

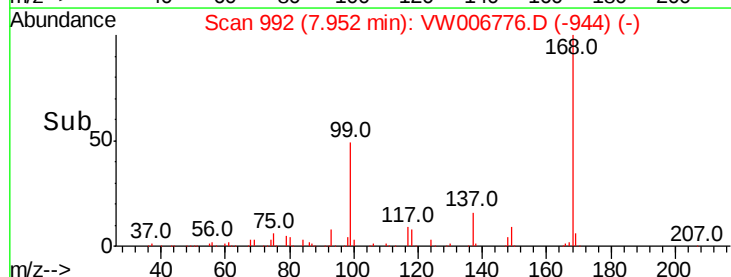
3000

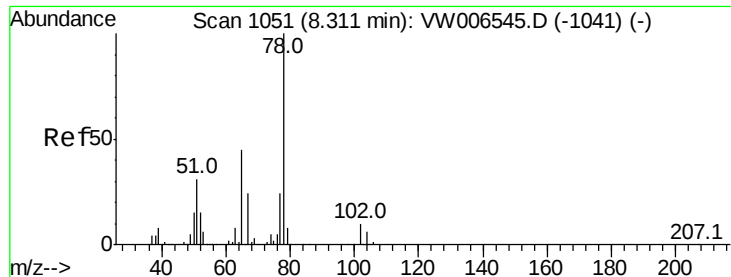
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 44.132 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006776.D

Acq: 08 Nov 2018 19:41

Instrument :

MSVOA_W

ClientSampled :

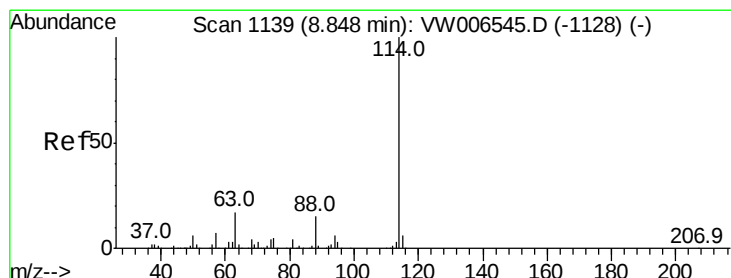
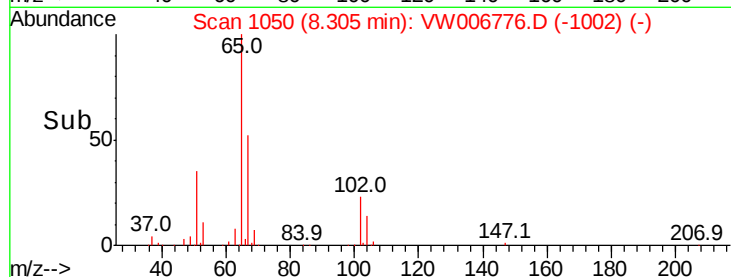
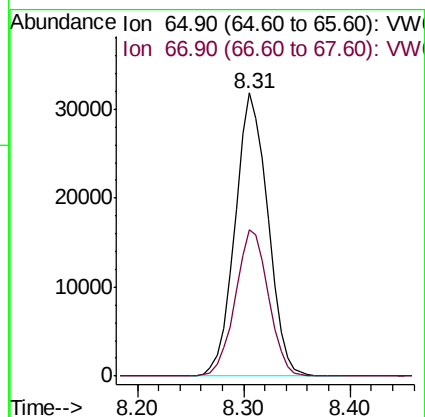
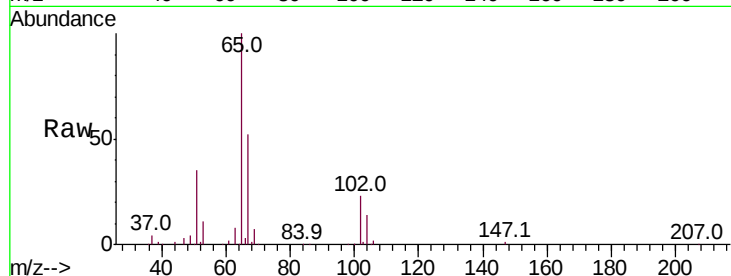
8BRE

Tot Ion: 65 Resp: 68820

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006776.D

Acq: 08 Nov 2018 19:41

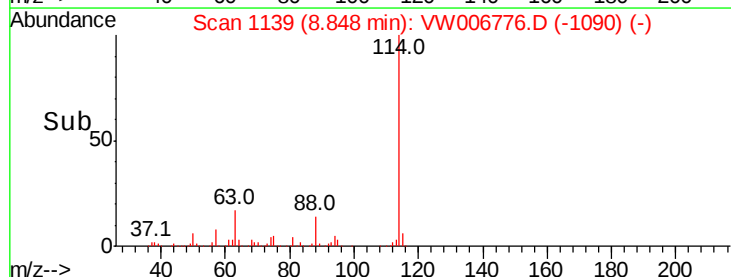
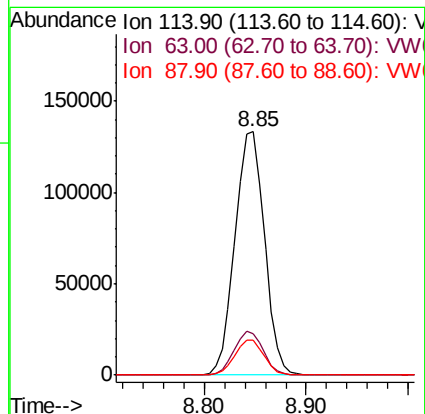
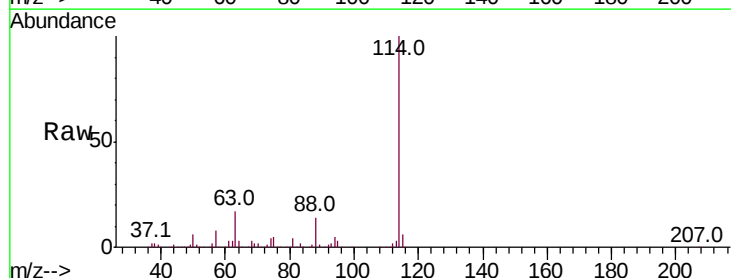
Tgt Ion: 114 Resp: 266924

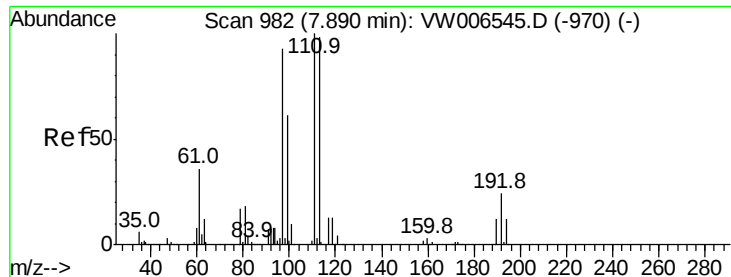
Ion Ratio Lower Upper

114 100

63 17.1 0.0 34.4

88 14.4 0.0 29.0

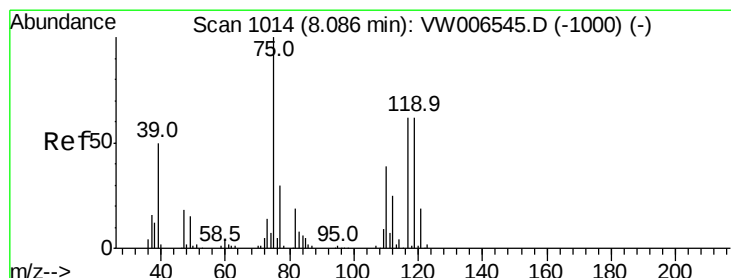
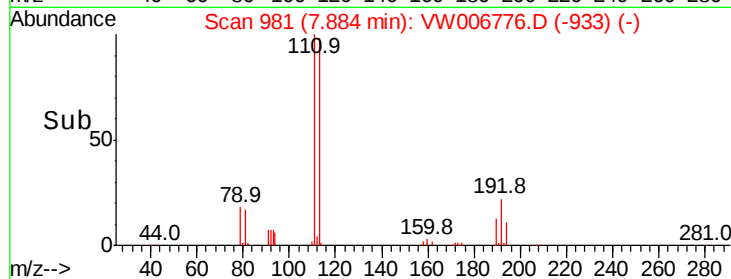
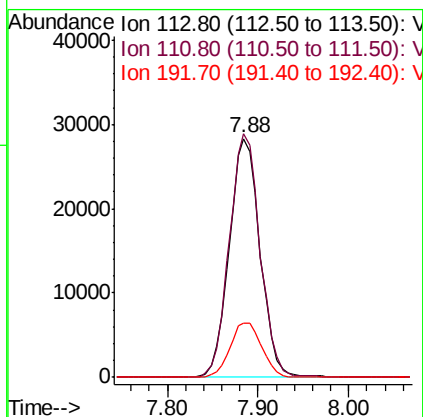
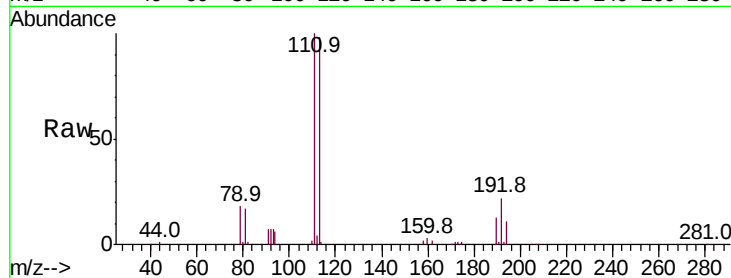




#35
 Dibromofluoromethane
 Concen: 39.736 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006776.D
 Acq: 08 Nov 2018 19:41

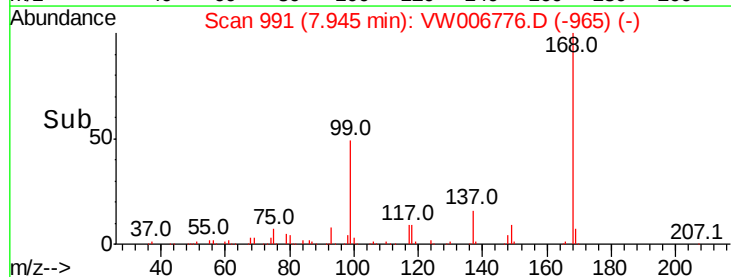
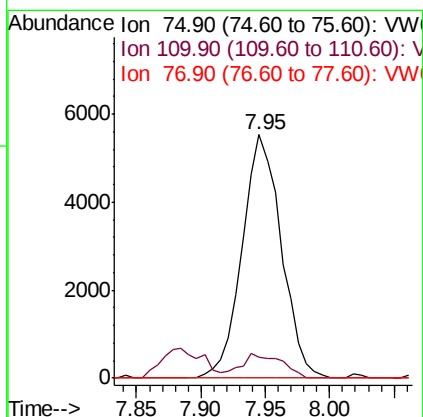
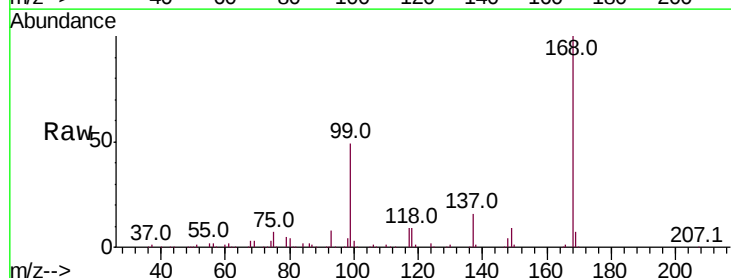
Instrument :
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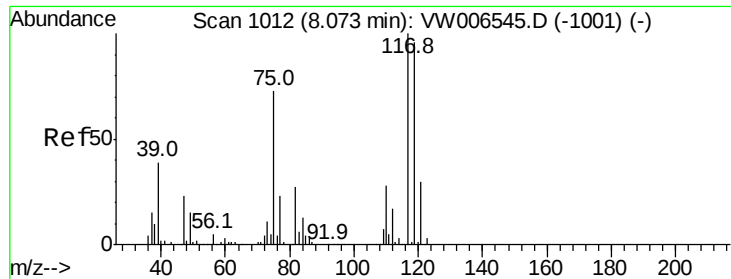
Tot Ion:113 Resp: 66564
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.2 123.2
 192 23.6 19.0 28.6



#36
 1,1-Dichloropropene
 Concen: 4.955 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006776.D
 Acq: 08 Nov 2018 19:41

Tgt Ion: 75 Resp: 11631
 Ion Ratio Lower Upper
 75 100
 110 10.4 19.5 58.5#
 77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 6.467 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006776.D

Acq: 08 Nov 2018 19:41

Instrument :

MSVOA_W

ClientSampleId :

8BRE

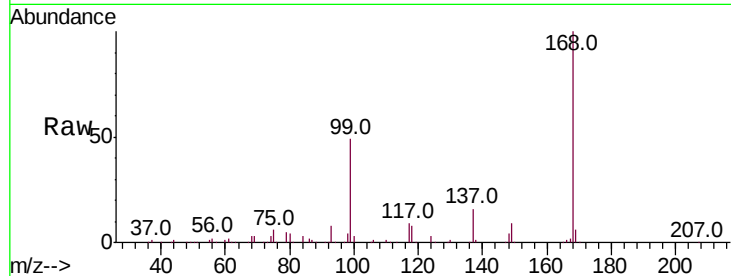
Tot Ion:117 Resp: 15862

Ion Ratio Lower Upper

117 100

119 5.4 76.3 114.5#

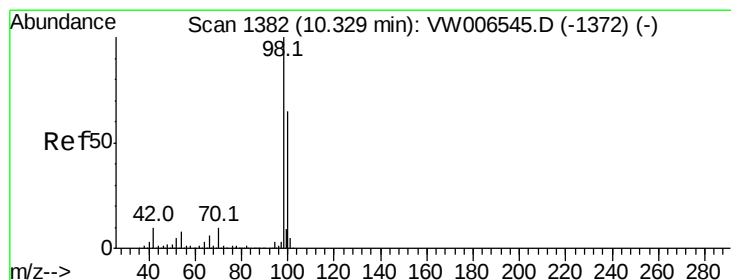
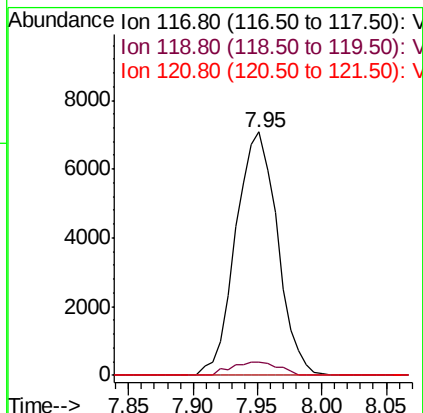
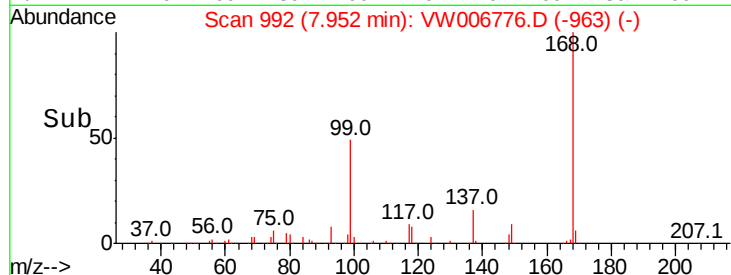
121 0.0 24.1 36.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 32.461 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006776.D

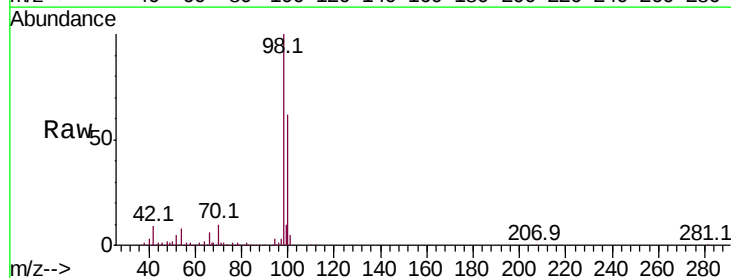
Acq: 08 Nov 2018 19:41

Tgt Ion: 98 Resp: 207008

Ion Ratio Lower Upper

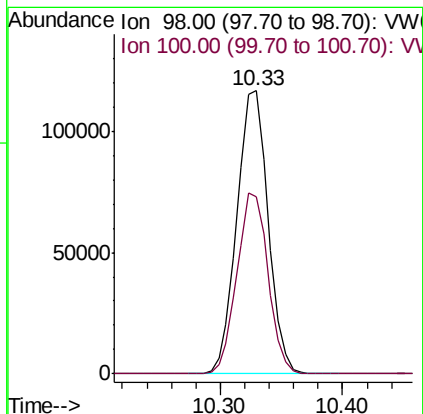
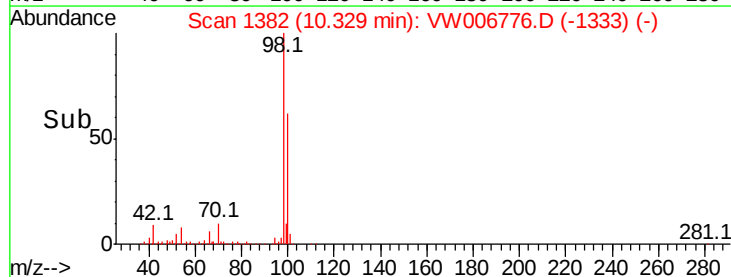
98 100

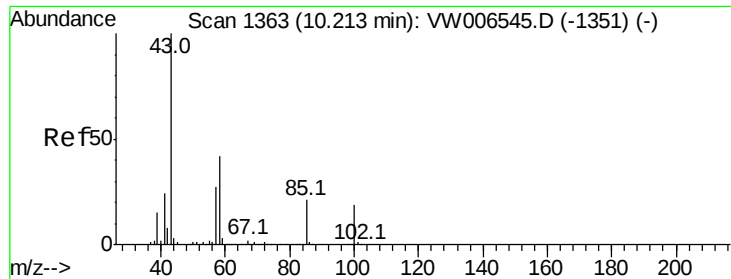
100 63.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

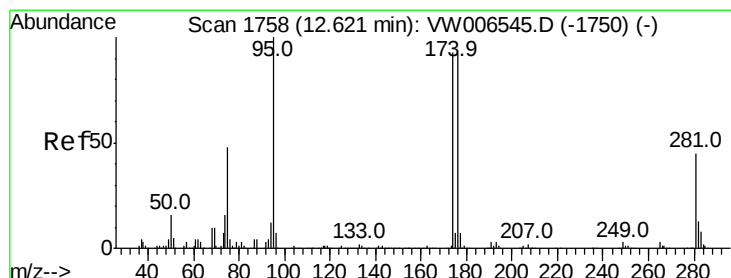
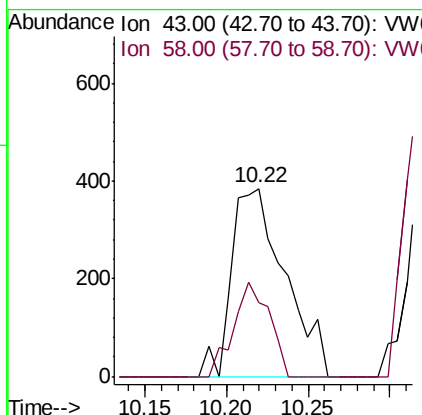
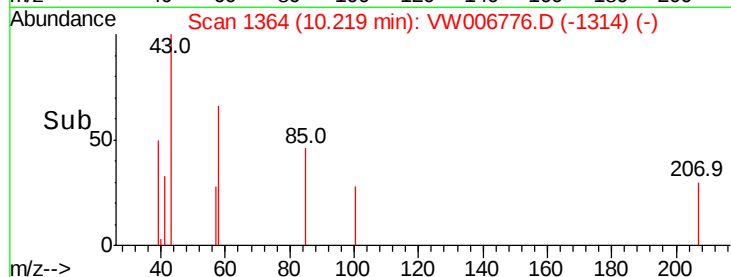
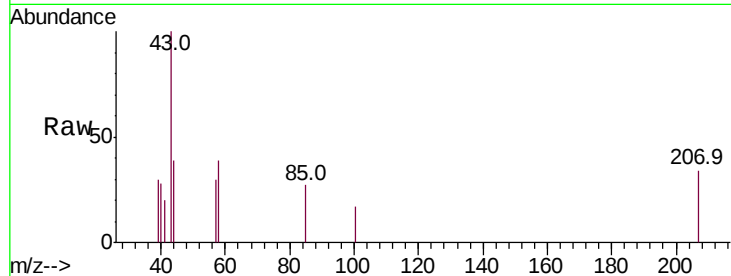




#51
 4-Methyl-2-Pentanone
 Concen: 1.053 ug/l
 RT: 10.22 min Scan# 1364
 Delta R.T. 0.01 min
 Lab File: VW006776.D
 Acq: 08 Nov 2018 19:41

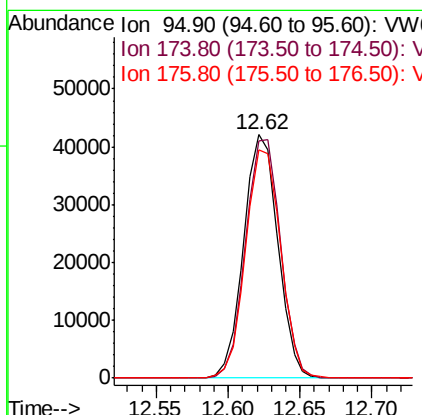
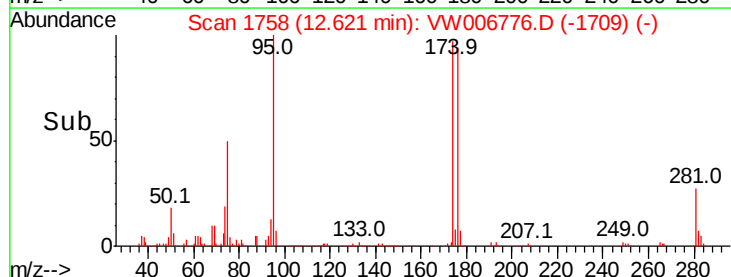
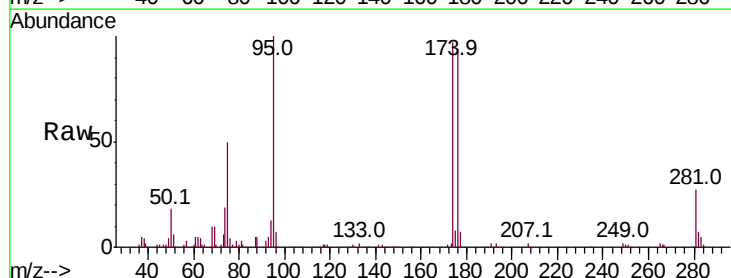
Instrument :
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 ClientSampleID :
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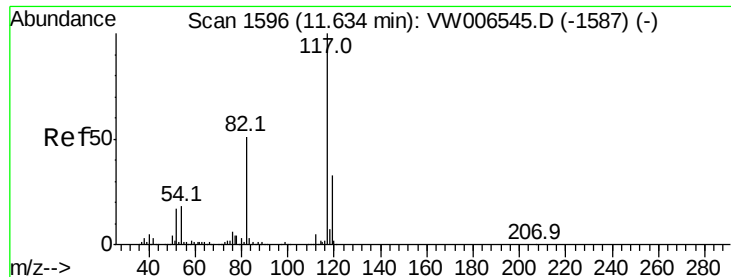
Tot Ion: 43 Resp: 878
 Ion Ratio Lower Upper
 43 100
 58 33.5 33.4 50.0



#62
 4-Bromofluorobenzene
 Concen: 29.915 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006776.D
 Acq: 08 Nov 2018 19:41

Tgt Ion: 95 Resp: 69160
 Ion Ratio Lower Upper
 95 100
 174 100.3 0.0 192.4
 176 96.3 0.0 187.4

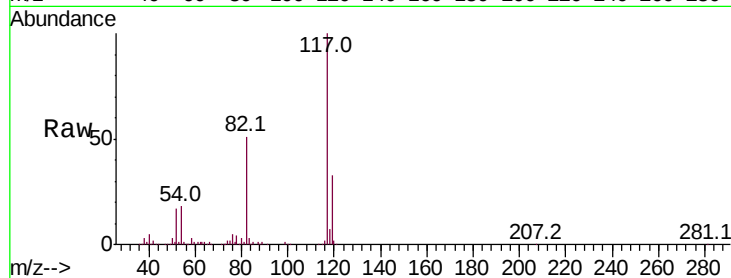




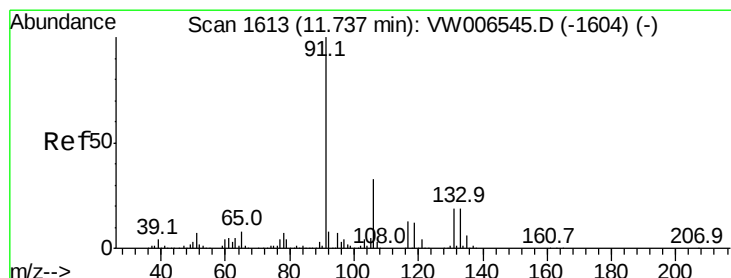
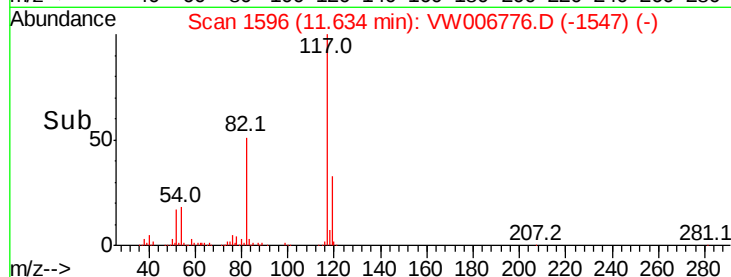
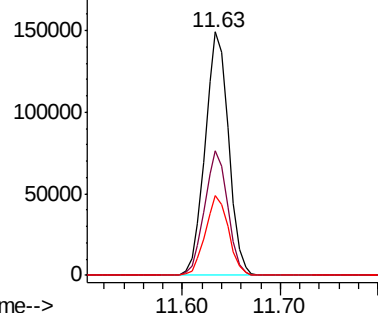
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006776.D
Acq: 08 Nov 2018 19:41

Instrument :
MSVOA_W
ClientSampleId :
8BRE

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.9	40.8	61.2
119	32.8	26.1	39.1

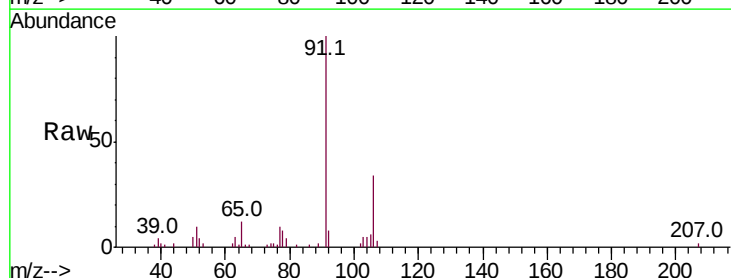


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

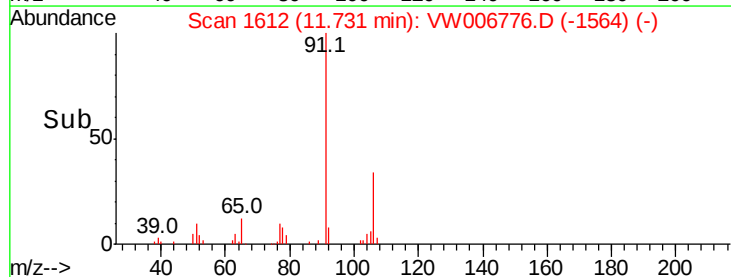
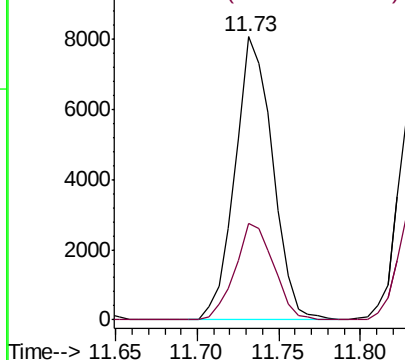


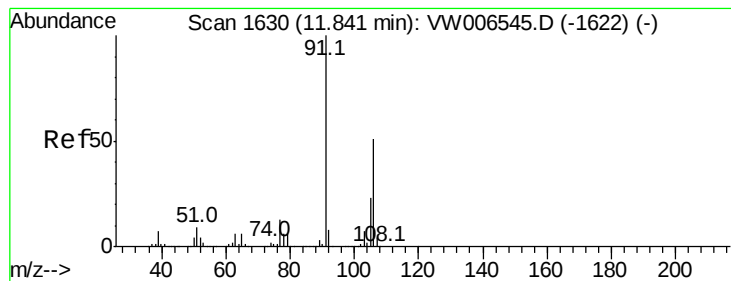
#67
Ethyl Benzene
Concen: 1.490 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006776.D
Acq: 08 Nov 2018 19:41

Tgt Ion	Ratio	Lower	Upper
91	100		
106	34.1	26.3	39.5



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 2.587 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW006776.D

Acq: 08 Nov 2018 19:41

Instrument :

MSVOA_W

ClientSampled :

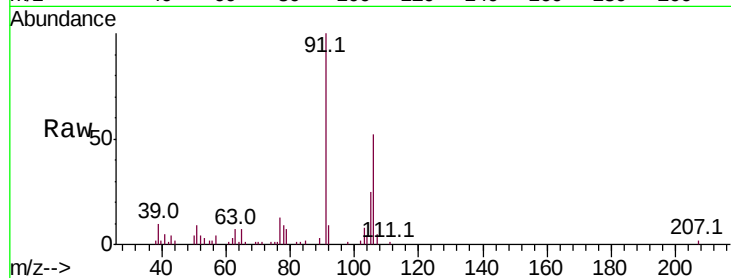
8BRE

Tot Ion:106 Resp: 8994

Ion Ratio Lower Upper

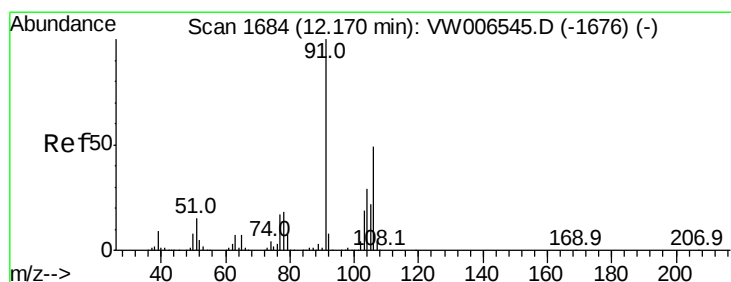
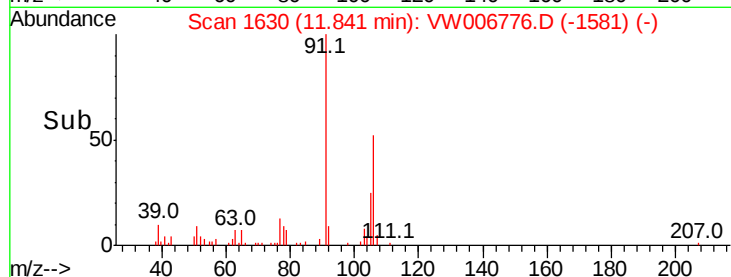
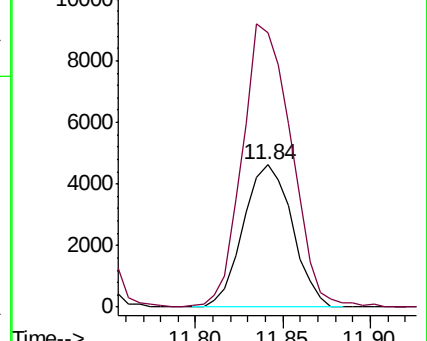
106 100

91 200.1 156.7 235.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#69

o-Xylene

Concen: 10.164 ug/l

RT: 12.17 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VW006776.D

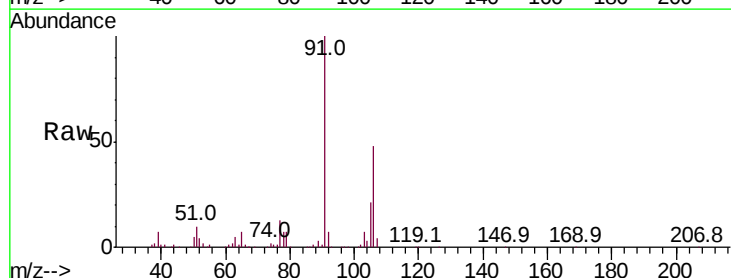
Acq: 08 Nov 2018 19:41

Tgt Ion:106 Resp: 33637

Ion Ratio Lower Upper

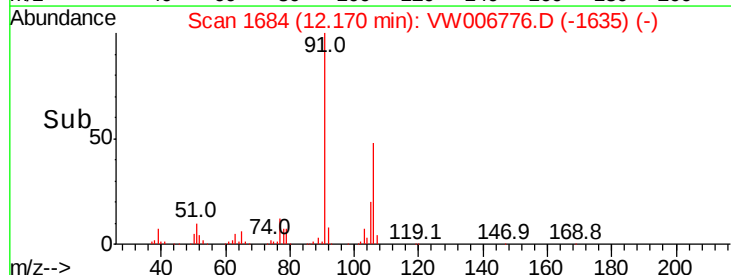
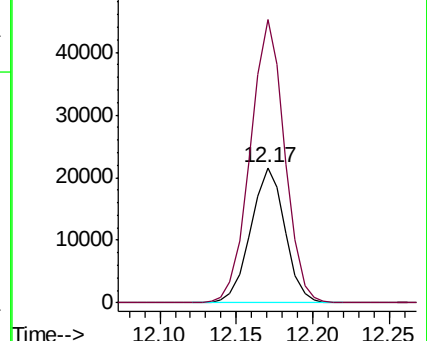
106 100

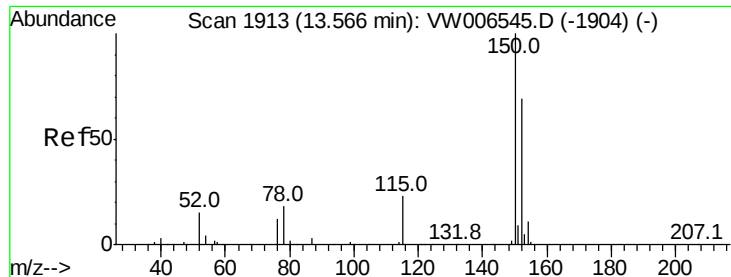
91 210.5 102.8 308.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006776.D

Acq: 08 Nov 2018 19:41

Instrument :

MSVOA_W

ClientSampled :

8BRE

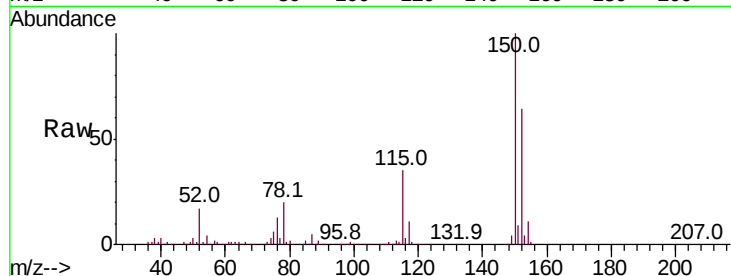
Tot Ion:152 Resp: 114268

Ion Ratio Lower Upper

152 100

115 53.9 26.6 79.8

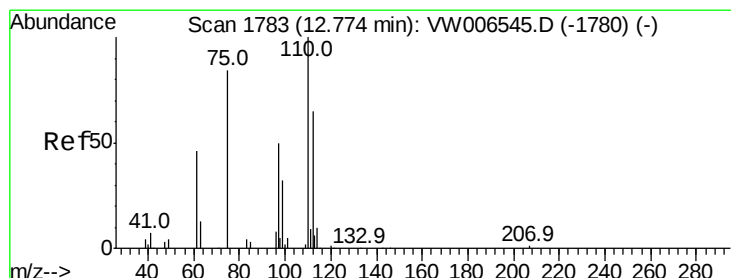
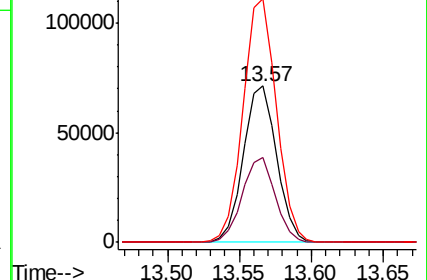
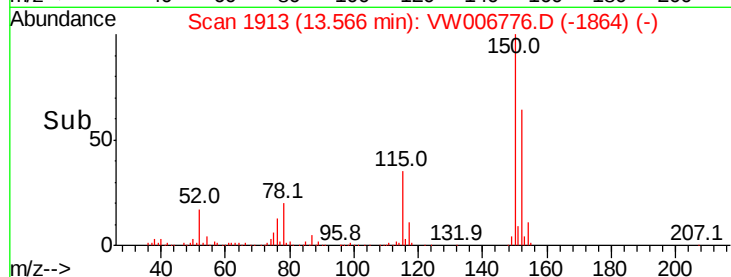
150 155.8 0.0 344.6



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



#76

1,2,3-Trichloropropane

Concen: 38.682 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006776.D

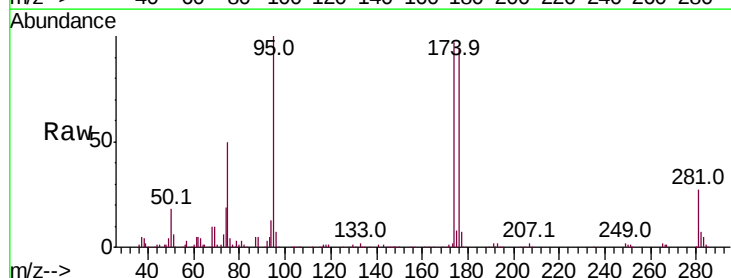
Acq: 08 Nov 2018 19:41

Tgt Ion: 75 Resp: 34487

Ion Ratio Lower Upper

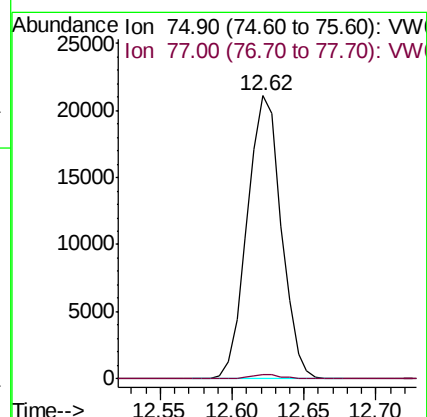
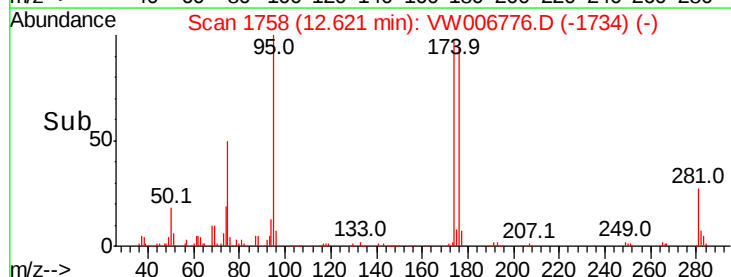
75 100

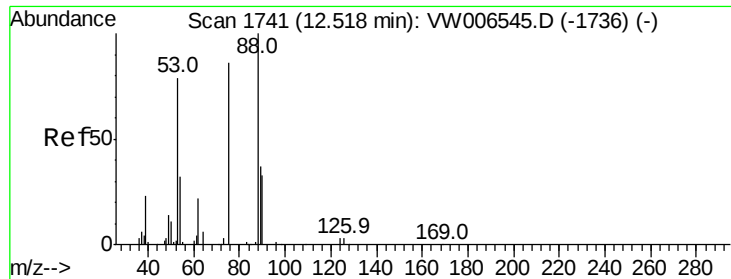
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 97.505 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006776.D

Acq: 08 Nov 2018 19:41

Instrument :

MSVOA_W

ClientSampleId :

8BRE

Tot Ion: 75 Resp: 34487

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.2 38.6 58.0#

