

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW103118\
 Data File : VW006503.D
 Acq On : 30 Oct 2018 15:52
 Operator : SY/AP
 Sample : J5691-05RE
 Misc : 6.08G/5ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-9

Quant Time: Oct 30 17:14:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	264280	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	382569	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	353489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	184471	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	124107	56.64	ug/l	0.00
Spiked Amount			Recovery	=	113.28%	
35) Dibromofluoromethane	7.89	113	125708	55.61	ug/l	0.00
Spiked Amount			Recovery	=	111.22%	
50) Toluene-d8	10.33	98	477339	55.50	ug/l	0.00
Spiked Amount			Recovery	=	111.00%	
62) 4-Bromofluorobenzene	12.62	95	168279	52.10	ug/l	0.00
Spiked Amount			Recovery	=	104.20%	

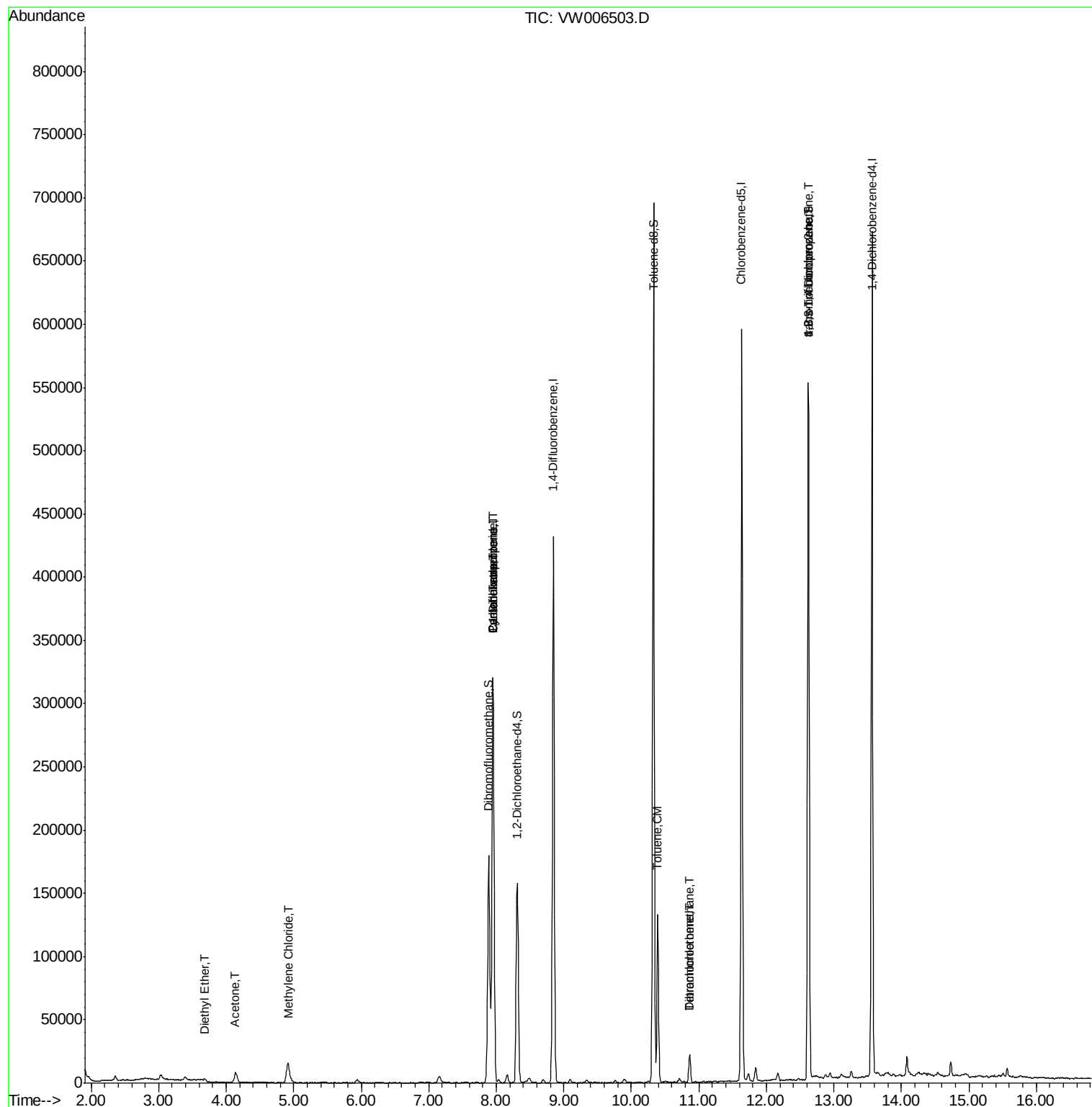
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	1747	1.47	ug/l	97
16) Acetone	4.13	43	15395	24.07	ug/l	93
20) Methylene Chloride	4.92	84	12940	4.09	ug/l	89
31) Cyclohexane	7.95	56	5593	1.40	ug/l #	34
36) 1,1-Dichloropropene	7.95	75	16151	4.58	ug/l #	49
38) Carbon Tetrachloride	7.96	117	22709	5.87	ug/l #	16
52) Toluene	10.39	92	57737	8.90	ug/l	100
60) Dibromochloromethane	10.87	129	4168	1.81	ug/l #	11
64) Tetrachloroethene	10.87	164	5369	1.96	ug/l	96
76) 1,2,3-Trichloropropane	12.62	75	82565	58.60	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	82565	140.07	ug/l #	10

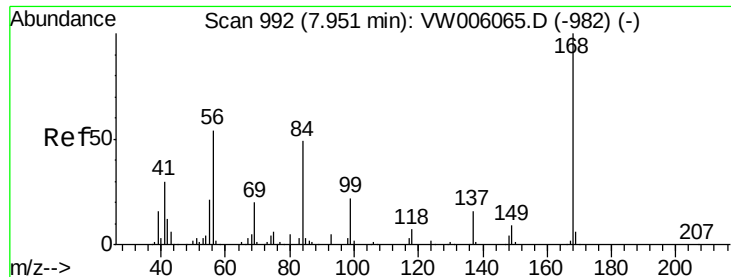
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW103118\
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Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006503.D

Acq: 30 Oct 2018 15:52

Instrument :

MSVOA_W

ClientSampled :

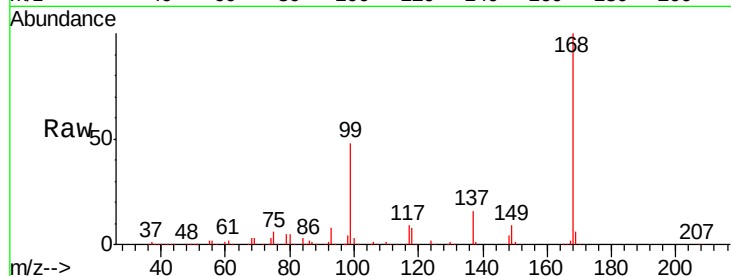
SB-9

Tgt Ion:168 Resp: 264280

Ion Ratio Lower Upper

168 100

99 48.4 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

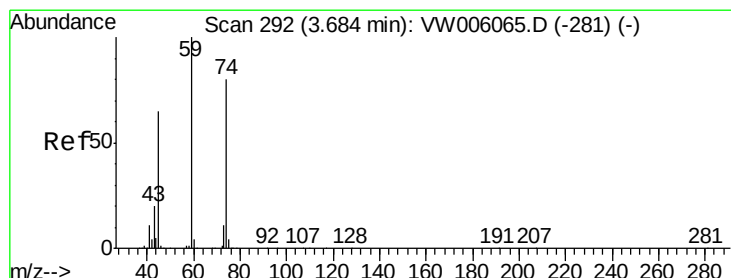
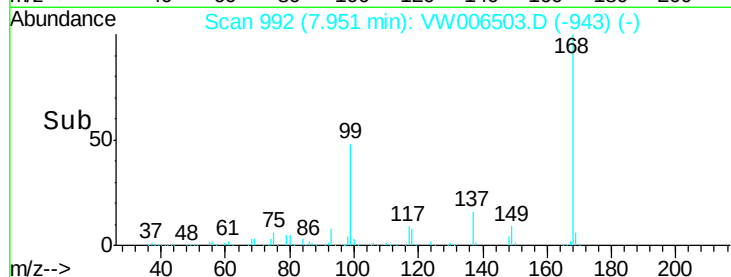
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#8

Diethyl Ether

Concen: 1.47 ug/l

RT: 3.68 min Scan# 292

Delta R.T. -0.00 min

Lab File: VW006503.D

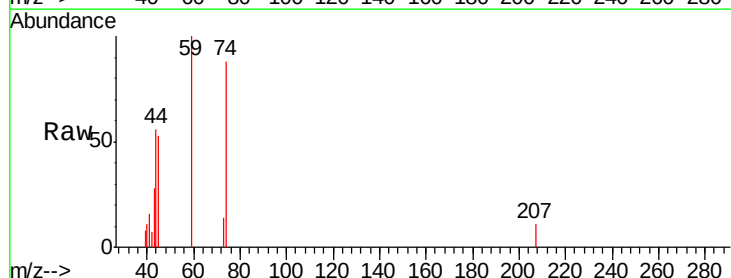
Acq: 30 Oct 2018 15:52

Tgt Ion: 74 Resp: 1747

Ion Ratio Lower Upper

74 100

45 88.5 42.8 128.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

800

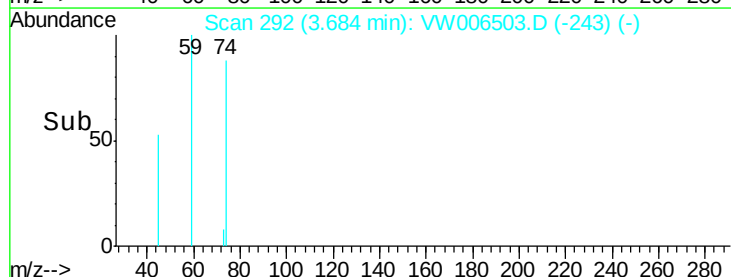
600

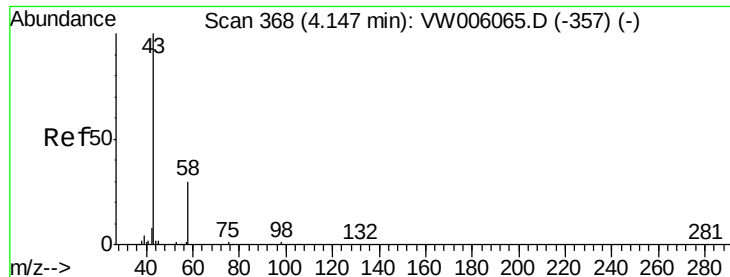
400

200

0

Time--> 3.60 3.65 3.70 3.75





#16

Acetone

Concen: 24.07 ug/l

RT: 4.13 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW006503.D

Acq: 30 Oct 2018 15:52

Instrument :

MSVOA_W

ClientSampleId :

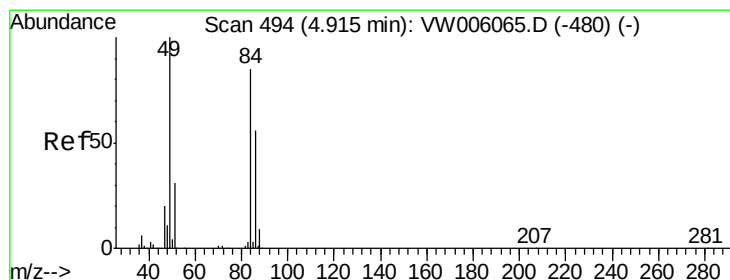
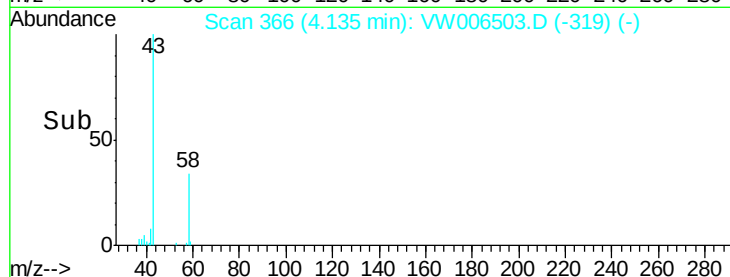
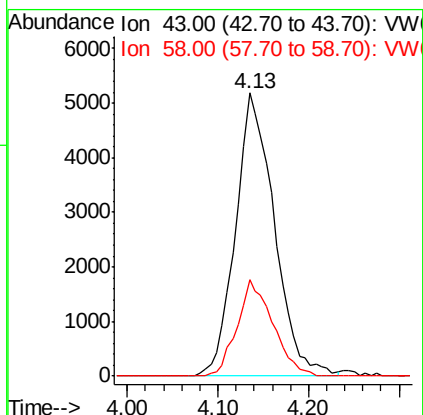
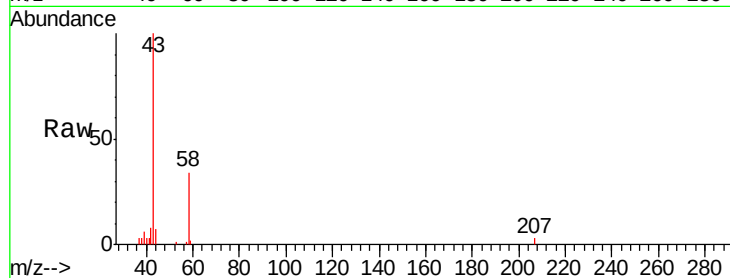
SB-9

Tgt Ion: 43 Resp: 15395

Ion Ratio Lower Upper

43 100

58 34.0 24.0 36.0



#20

Methylene Chloride

Concen: 4.09 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006503.D

Acq: 30 Oct 2018 15:52

Tgt Ion: 84 Resp: 12940

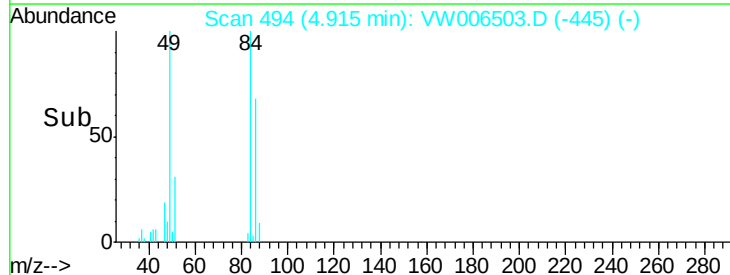
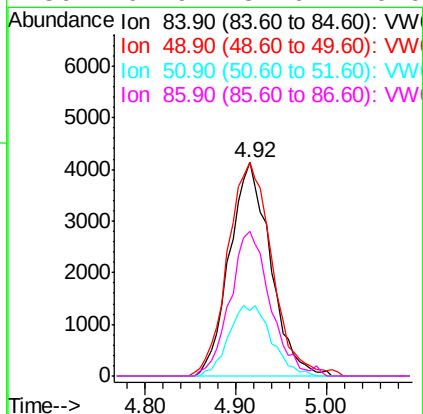
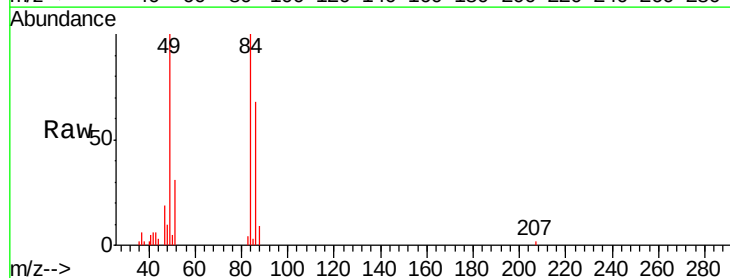
Ion Ratio Lower Upper

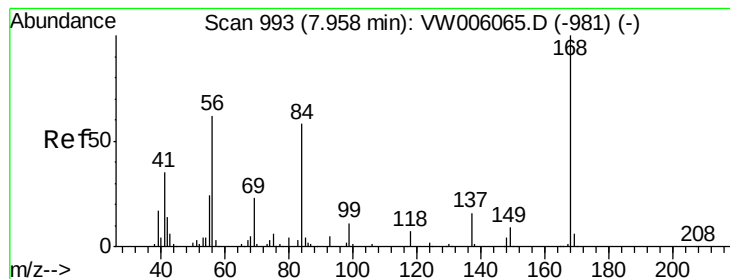
84 100

49 100.1 93.6 140.4

51 30.7 29.0 43.4

86 67.9 52.6 79.0





#31

Cyclohexane

Concen: 1.40 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006503.D

Acq: 30 Oct 2018 15:52

Instrument :

MSVOA_W

ClientSampled :

SB-9

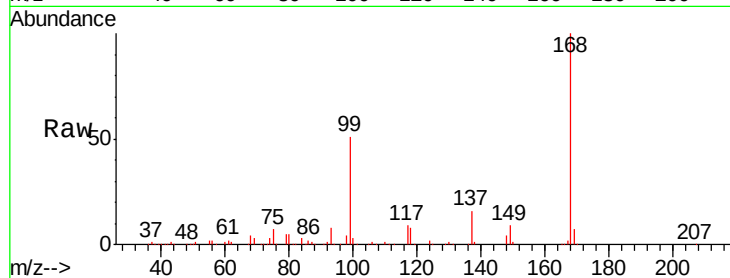
Tgt Ion: 56 Resp: 5593

Ion Ratio Lower Upper

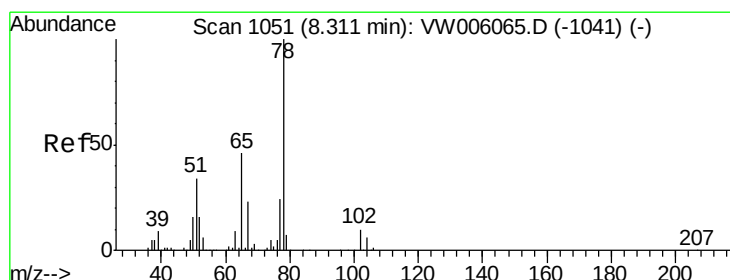
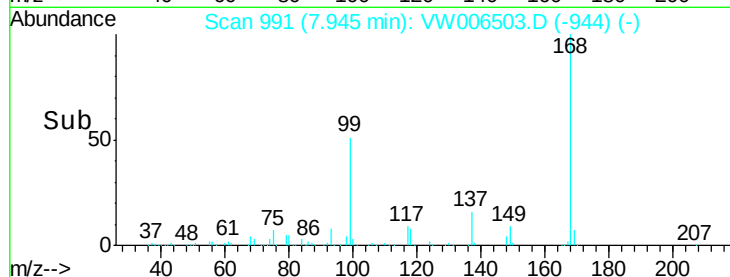
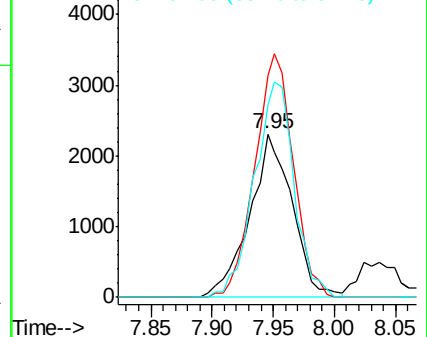
56 100

69 135.9 29.4 44.0#

84 117.4 74.0 111.0#



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: 56.64 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006503.D

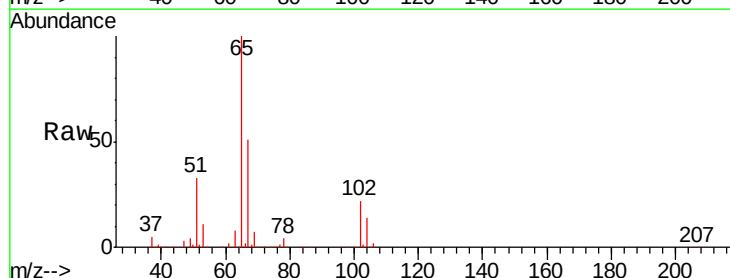
Acq: 30 Oct 2018 15:52

Tgt Ion: 65 Resp: 124107

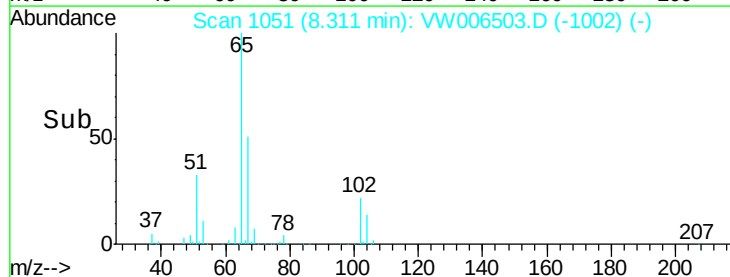
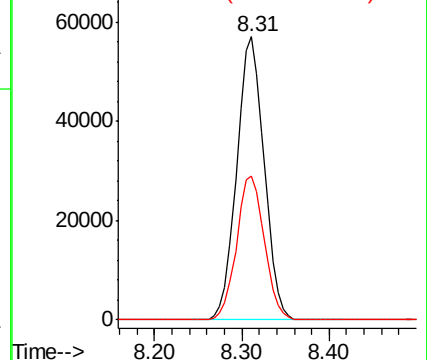
Ion Ratio Lower Upper

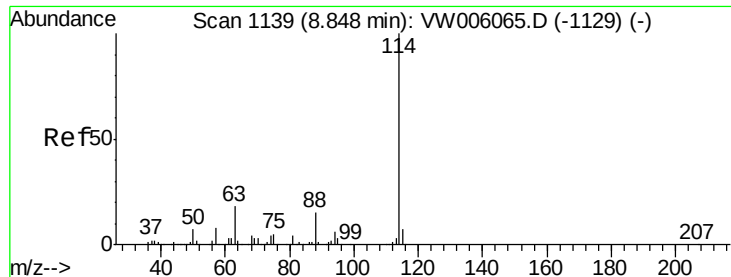
65 100

67 51.5 0.0 101.0



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

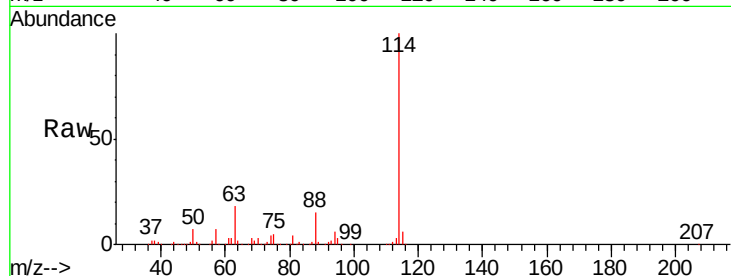




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006503.D
 Acq: 30 Oct 2018 15:52

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-9

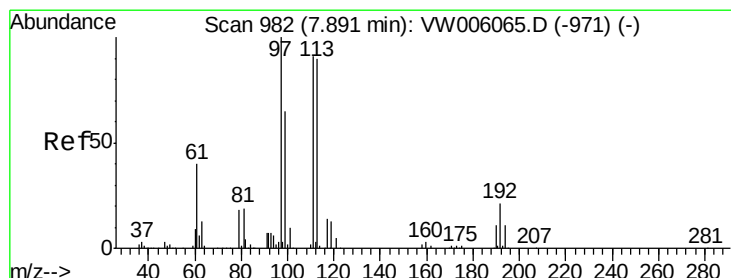
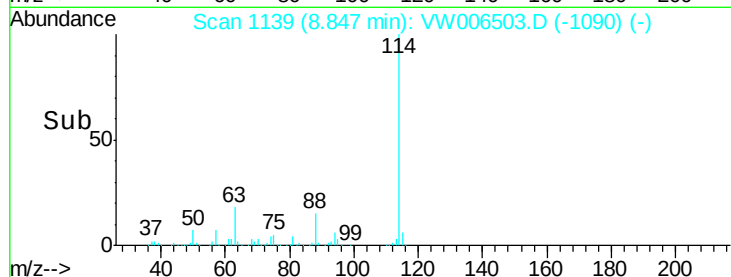
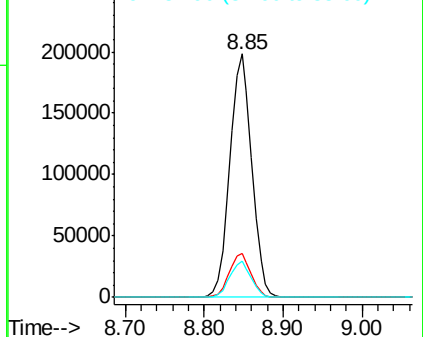
Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	36.8
88	14.9	0.0	29.0



Abundance Ion 113.90 (113.60 to 114.60): V

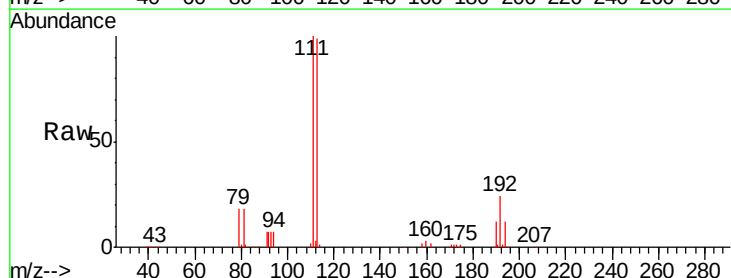
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 55.61 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006503.D
 Acq: 30 Oct 2018 15:52

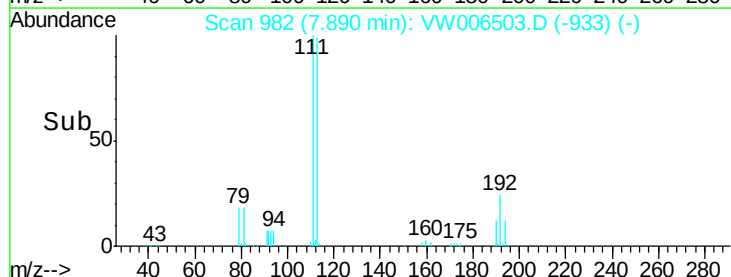
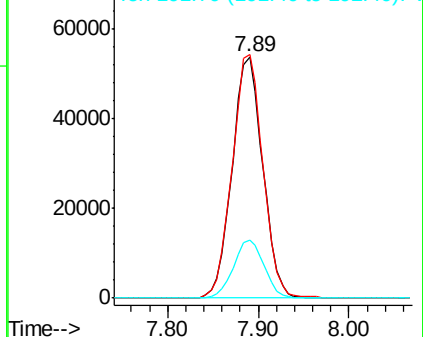
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.4	122.0
192	23.9	18.7	28.1

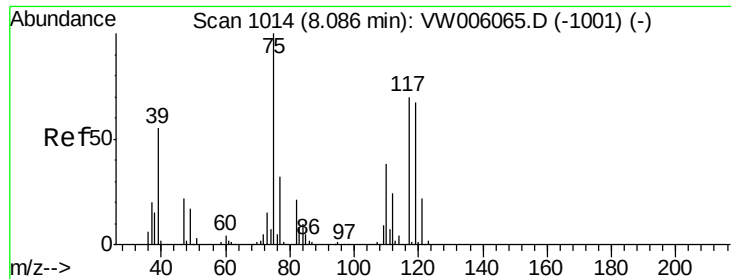


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

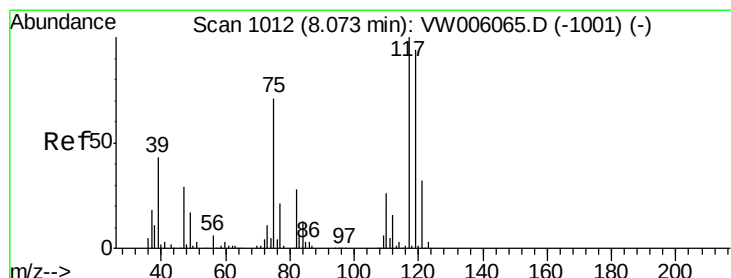
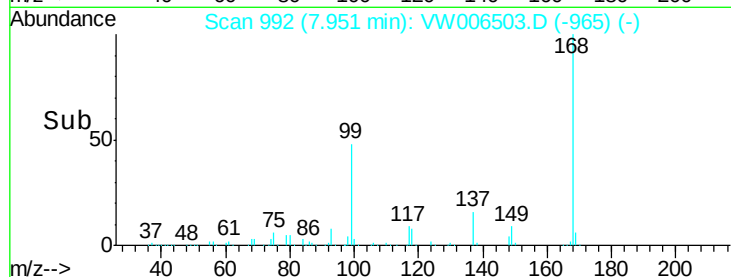
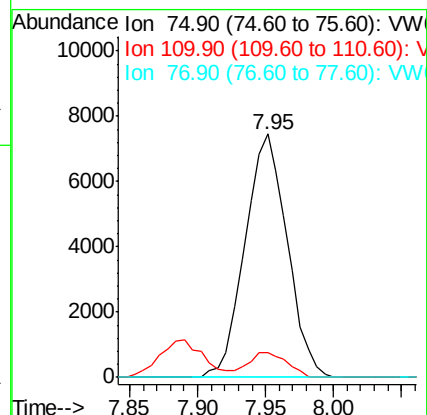
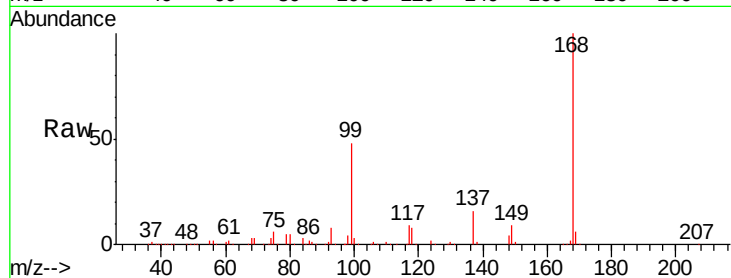




#36
 1,1-Dichloropropene
 Concen: 4.58 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006503.D
 Acq: 30 Oct 2018 15:52

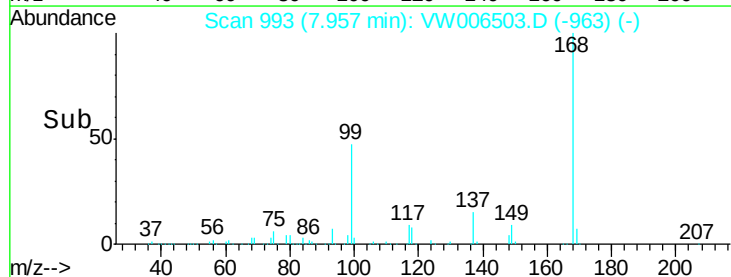
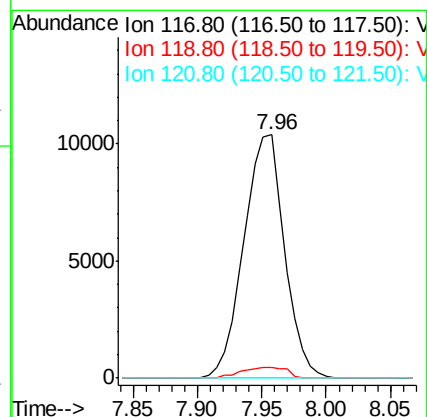
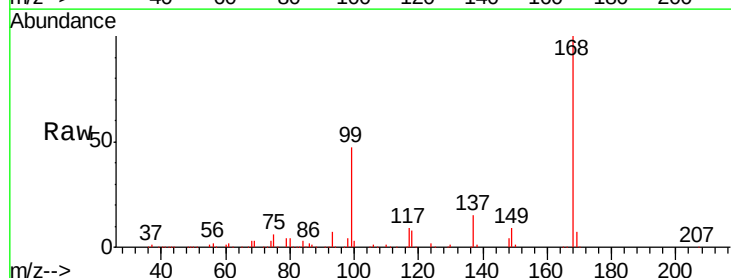
Instrument :
 MSVOA_W
 ClientSampleID :
 SB-9

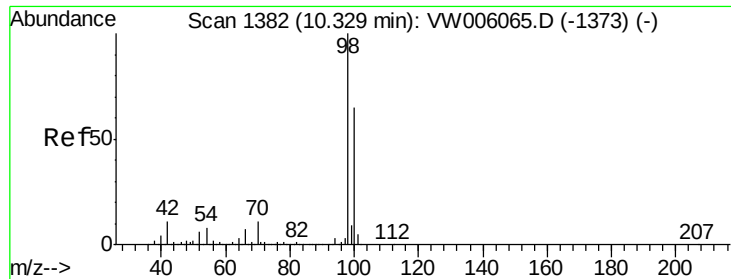
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.7	19.1	57.1#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 5.87 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.12 min
 Lab File: VW006503.D
 Acq: 30 Oct 2018 15:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.4	75.2	112.8#
121	0.0	25.3	37.9#

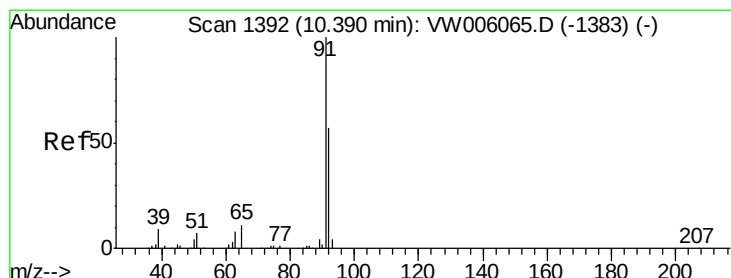
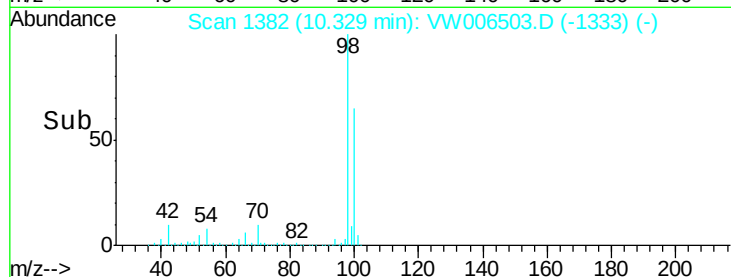
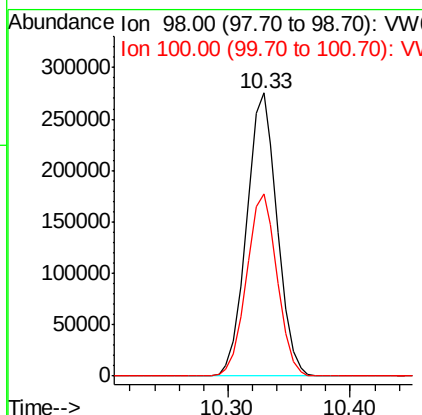
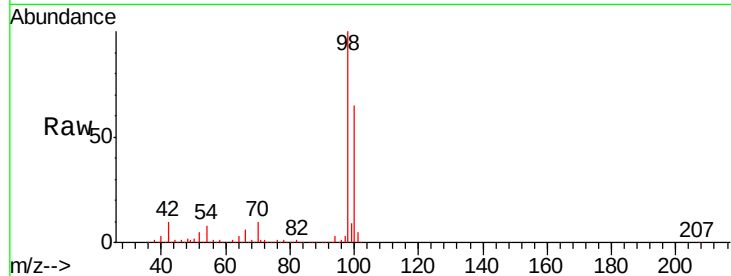




#50
Toluene-d8
Concen: 55.50 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006503.D
Acq: 30 Oct 2018 15:52

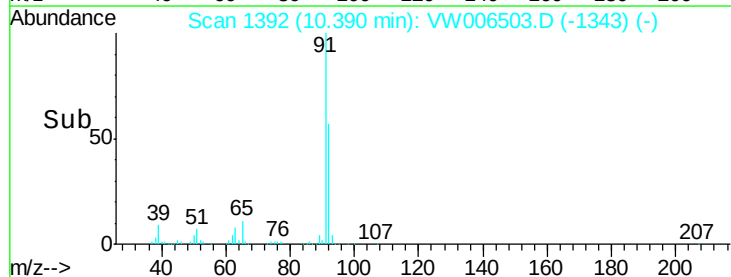
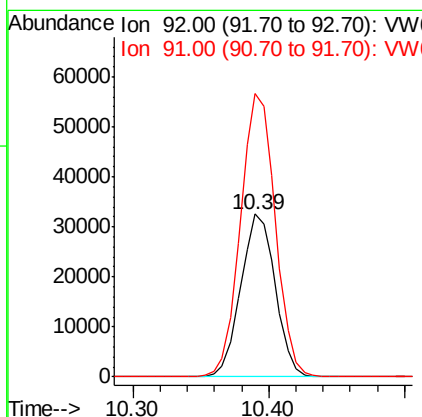
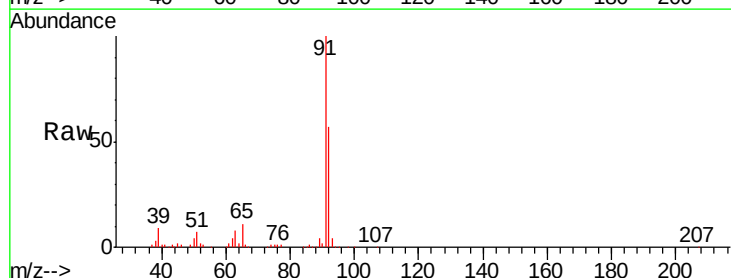
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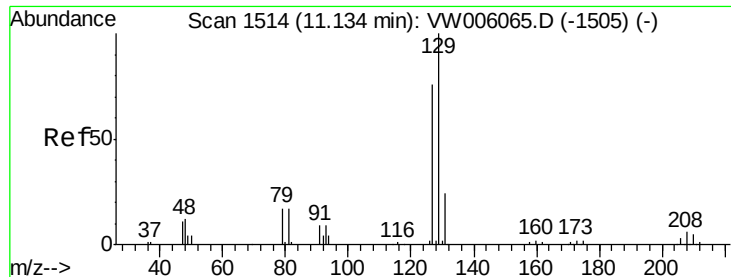
Tgt Ion: 98 Resp: 477339
Ion Ratio Lower Upper
98 100
100 64.8 51.6 77.4



#52
Toluene
Concen: 8.90 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW006503.D
Acq: 30 Oct 2018 15:52

Tgt Ion: 92 Resp: 57737
Ion Ratio Lower Upper
92 100
91 174.4 140.0 210.0

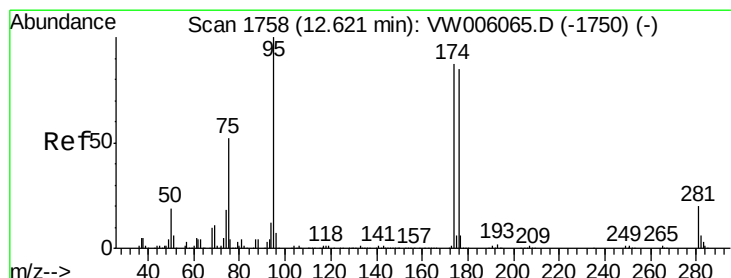
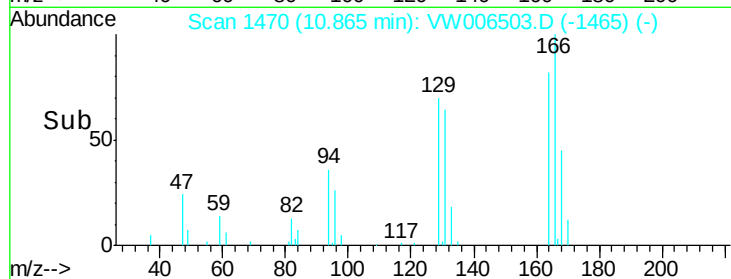
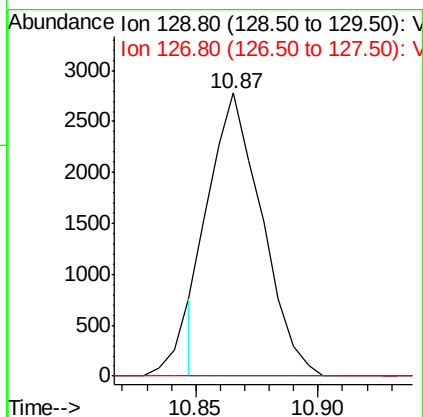
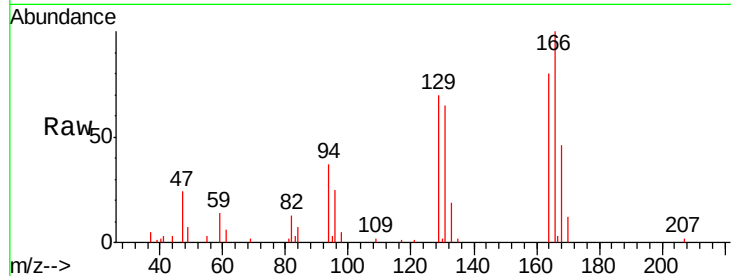




#60
 Dibromochloromethane
 Concen: 1.81 ug/l
 RT: 10.87 min Scan# 1470
 Delta R.T. -0.27 min
 Lab File: VW006503.D
 Acq: 30 Oct 2018 15:52

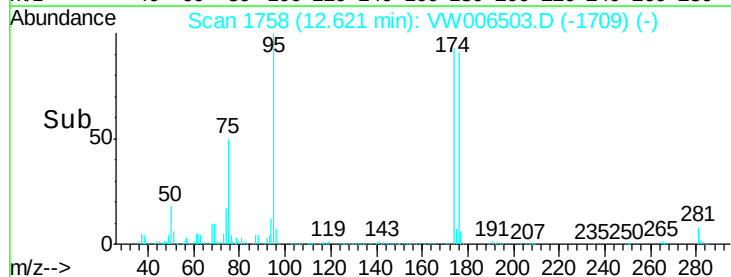
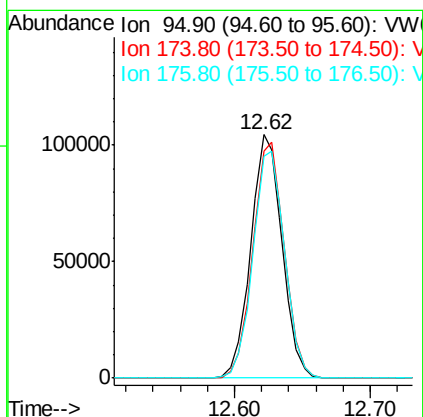
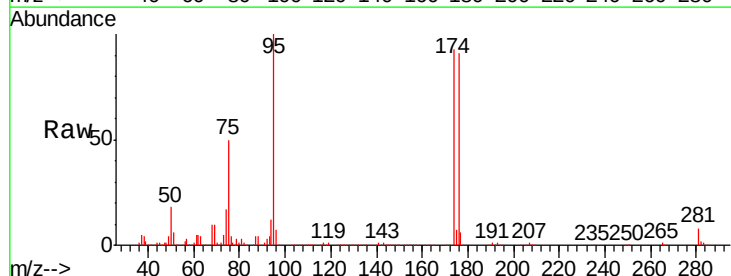
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-9

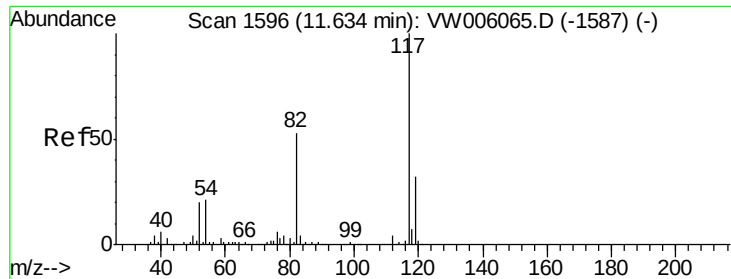
Tgt Ion: 129 Resp: 4168
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.6 115.7#



#62
 4-Bromofluorobenzene
 Concen: 52.10 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006503.D
 Acq: 30 Oct 2018 15:52

Tgt Ion: 95 Resp: 168279
 Ion Ratio Lower Upper
 95 100
 174 97.5 0.0 186.0
 176 94.8 0.0 181.6

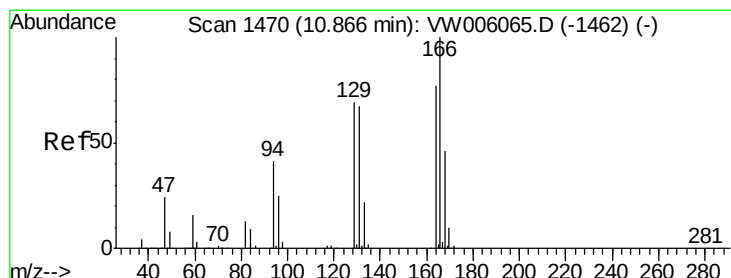
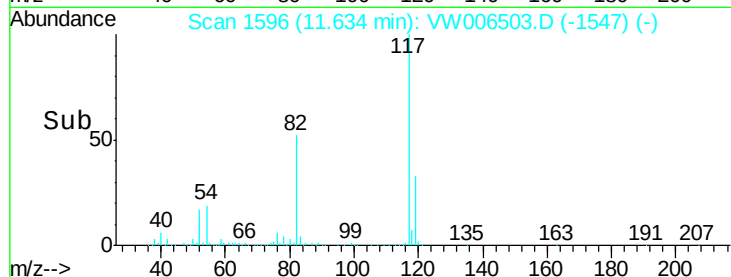
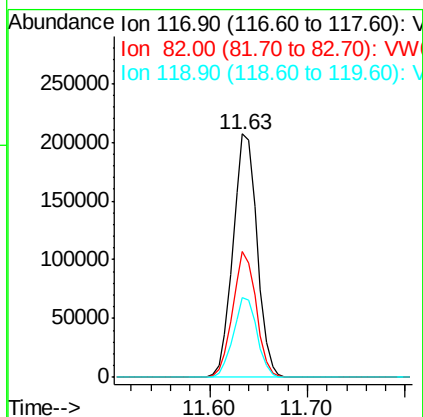
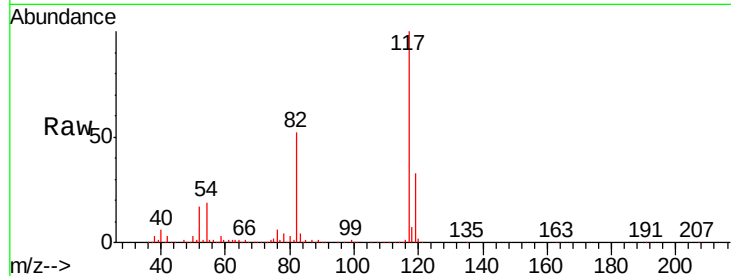




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006503.D
Acq: 30 Oct 2018 15:52

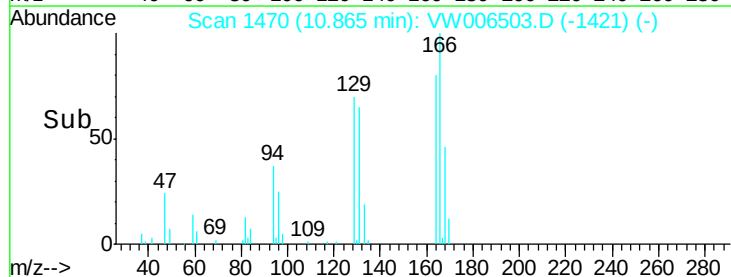
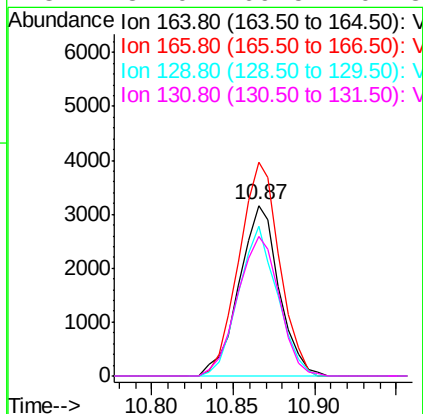
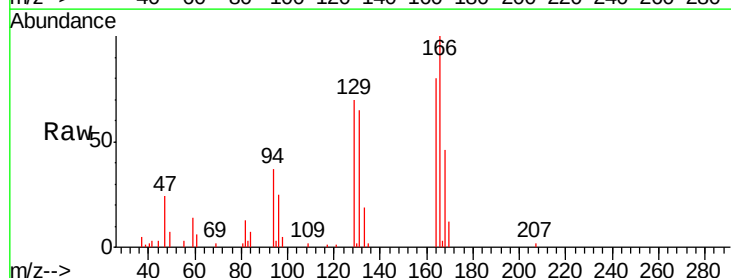
Instrument :
MSVOA_W
ClientSampled :
SB-9

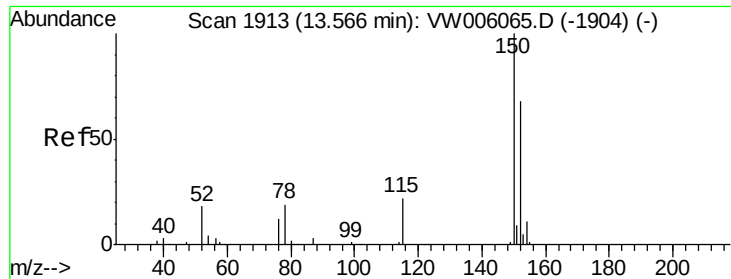
Tgt Ion:117 Resp: 353489
Ion Ratio Lower Upper
117 100
82 51.6 42.1 63.1
119 32.7 25.8 38.6



#64
Tetrachloroethene
Concen: 1.96 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006503.D
Acq: 30 Oct 2018 15:52

Tgt Ion:164 Resp: 5369
Ion Ratio Lower Upper
164 100
166 125.3 103.4 155.0
129 87.9 71.8 107.8
131 82.0 69.5 104.3



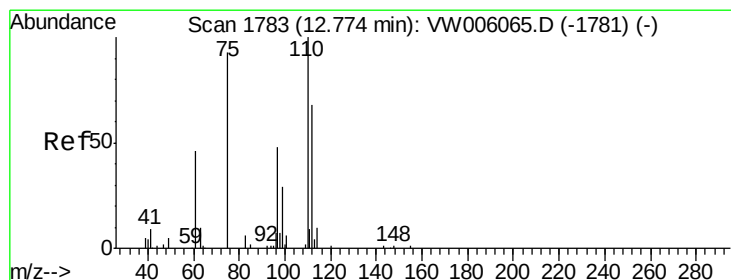
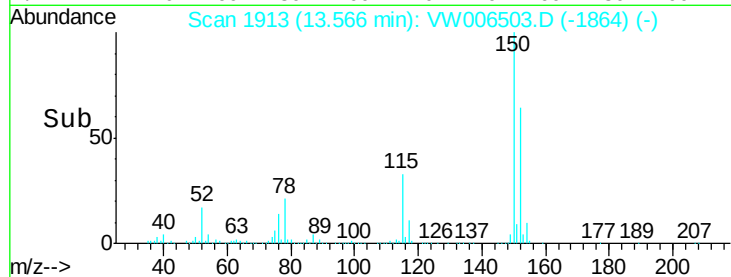
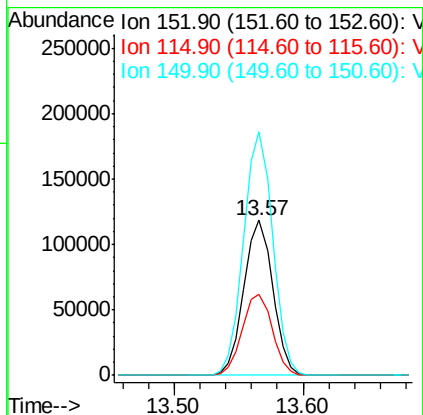
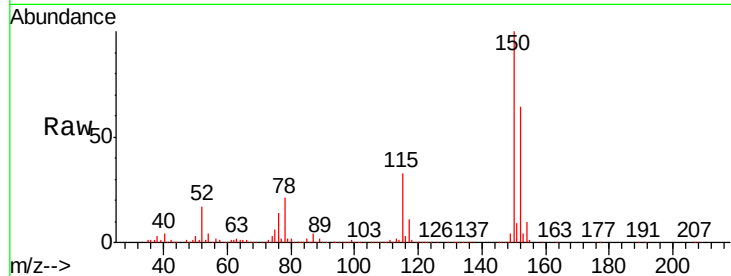


#72

1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006503.D
Acq: 30 Oct 2018 15:52

Instrument :
MSVOA_W
ClientSampled :
SB-9

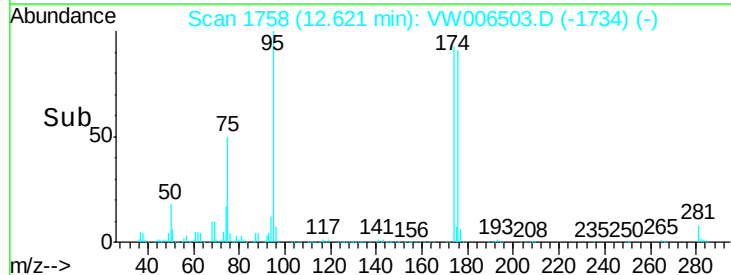
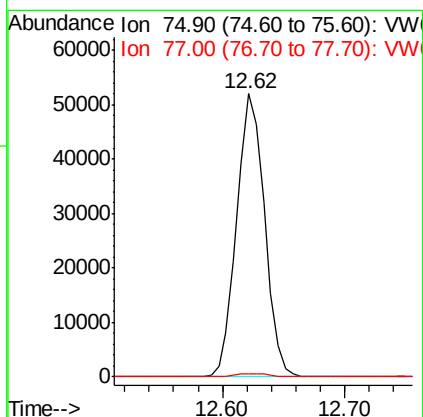
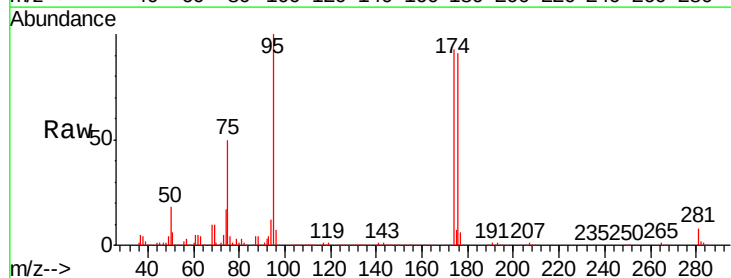
Tgt Ion:152 Resp: 184471
Ion Ratio Lower Upper
152 100
115 54.3 27.8 83.3
150 157.7 0.0 349.2

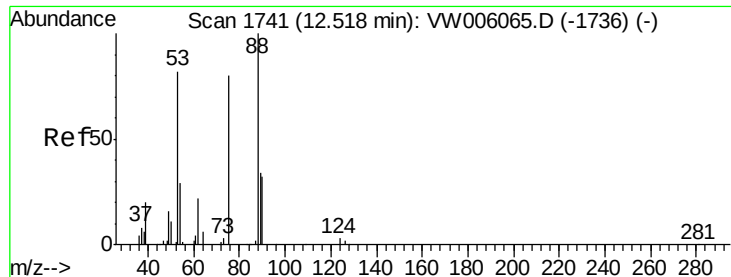


#76

1,2,3-Trichloropropane
Concen: 58.60 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW006503.D
Acq: 30 Oct 2018 15:52

Tgt Ion: 75 Resp: 82565
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 140.07 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006503.D

Acq: 30 Oct 2018 15:52

Instrument :

MSVOA_W

ClientSampleId :

SB-9

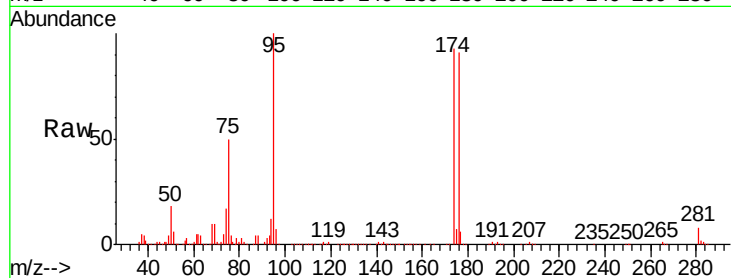
Tgt Ion: 75 Resp: 82565

Ion Ratio Lower Upper

75 100

53 0.1 79.8 119.6#

89 0.1 37.5 56.3#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

