

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101018\
 Data File : VW005987.D
 Acq On : 10 Oct 2018 14:45
 Operator : SY/AP
 Sample : J5306-02RE
 Misc : 5.62G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S-21-V

Quant Time: Oct 10 16:50:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	227399	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	336080	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	296651	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	140201	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	105996	48.02	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.04%	
35) Dibromofluoromethane	7.88	113	106821	49.78	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.56%	
50) Toluene-d8	10.33	98	396840	48.07	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.14%	
62) 4-Bromofluorobenzene	12.62	95	133445	42.49	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	84.98%	

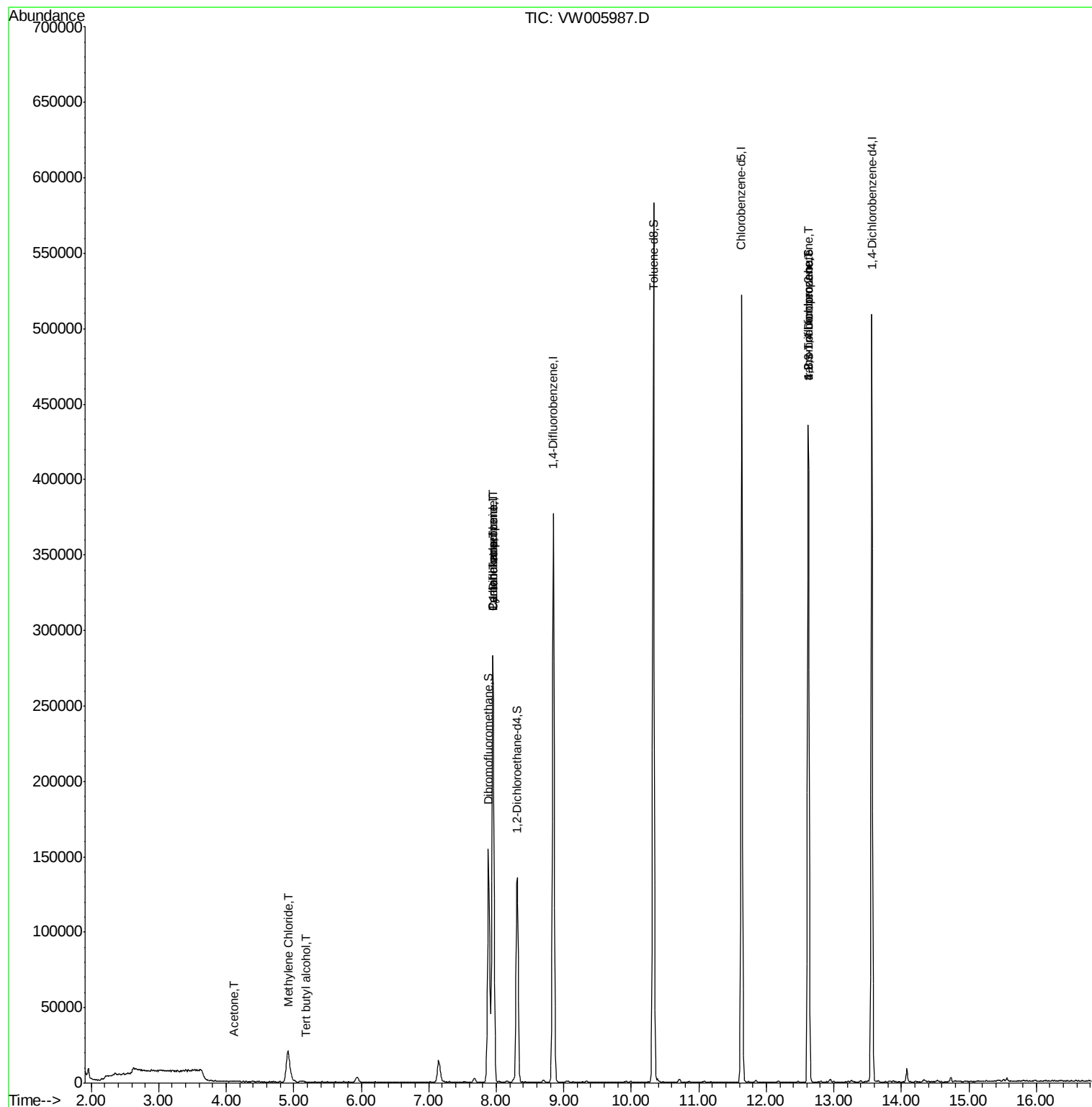
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	182	1.12	ug/l	# 74
16) Acetone	4.12	43	840	1.91	ug/l	90
20) Methylene Chloride	4.92	84	19146	8.67	ug/l	95
31) Cyclohexane	7.95	56	4408	1.14	ug/l	# 15
36) 1,1-Dichloropropene	7.95	75	14908	4.63	ug/l	# 49
38) Carbon Tetrachloride	7.95	117	20760	6.00	ug/l	# 14
76) 1,2,3-Trichloropropane	12.62	75	68375	54.60	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.62	75	68375	115.26	ug/l	# 11

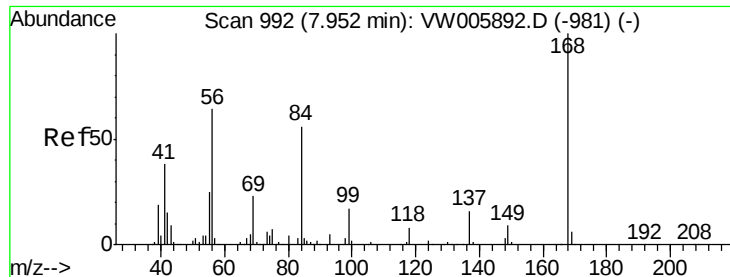
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 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: VW005987.D

Acq: 10 Oct 2018 14:45

Instrument :

MSVOA_W

ClientSampled :

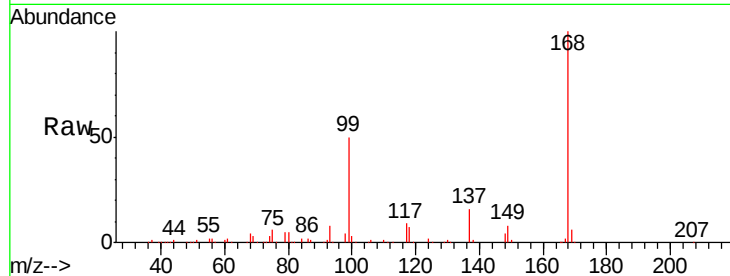
S-21-V

Tgt Ion:168 Resp: 227399

Ion Ratio Lower Upper

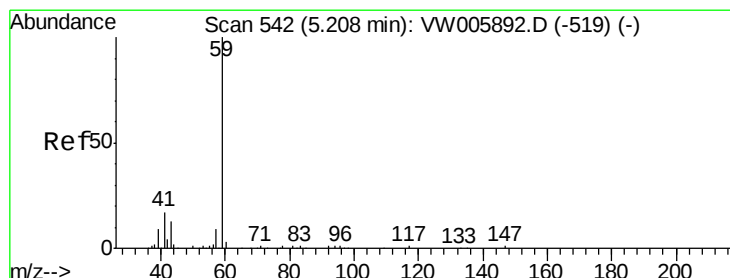
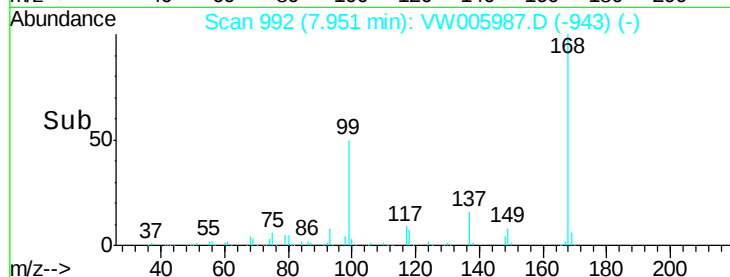
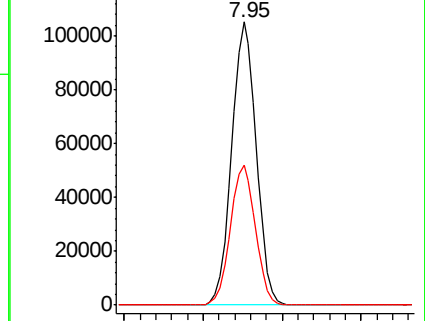
168 100

99 49.5 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 1.12 ug/l

RT: 5.18 min Scan# 538

Delta R.T. -0.02 min

Lab File: VW005987.D

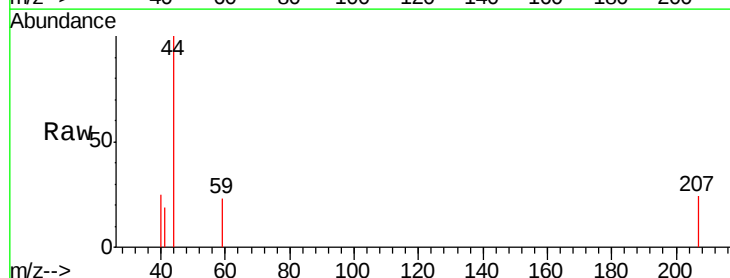
Acq: 10 Oct 2018 14:45

Tgt Ion: 59 Resp: 182

Ion Ratio Lower Upper

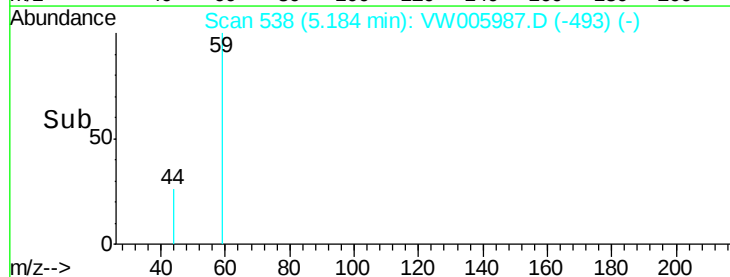
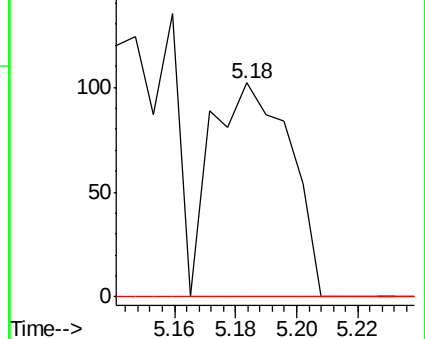
59 100

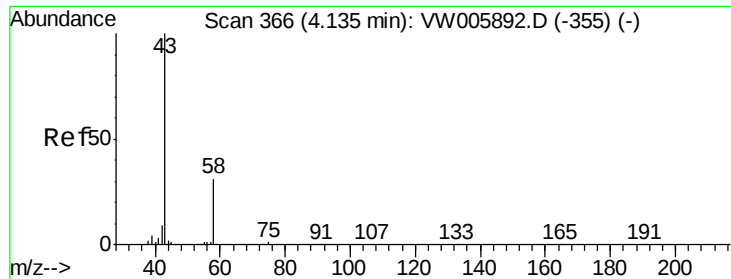
57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 1.91 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.02 min

Lab File: VW005987.D

Acq: 10 Oct 2018 14:45

Instrument :

MSVOA_W

ClientSampled :

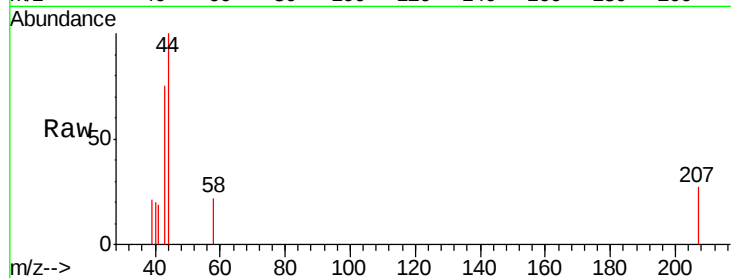
S-21-V

Tgt Ion: 43 Resp: 840

Ion Ratio Lower Upper

43 100

58 36.1 24.7 37.1



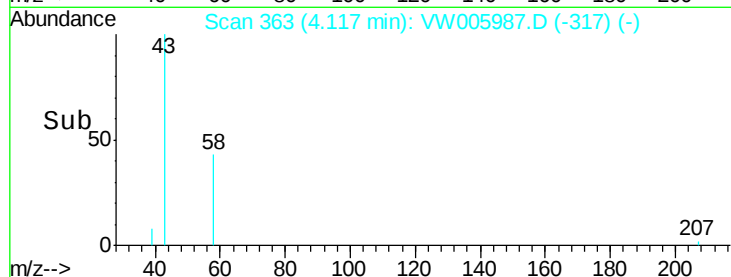
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

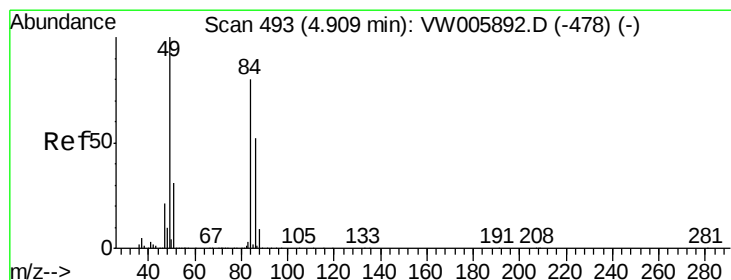
4.12

4.15

4.20



Time-->



#20

Methylene Chloride

Concen: 8.67 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW005987.D

Acq: 10 Oct 2018 14:45

Tgt Ion: 84 Resp: 19146

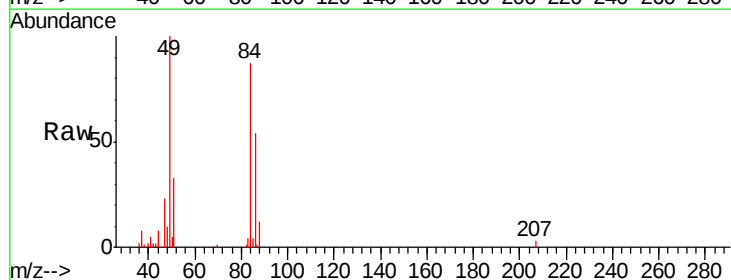
Ion Ratio Lower Upper

84 100

49 115.5 99.9 149.9

51 38.5 31.1 46.7

86 62.4 51.8 77.6



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

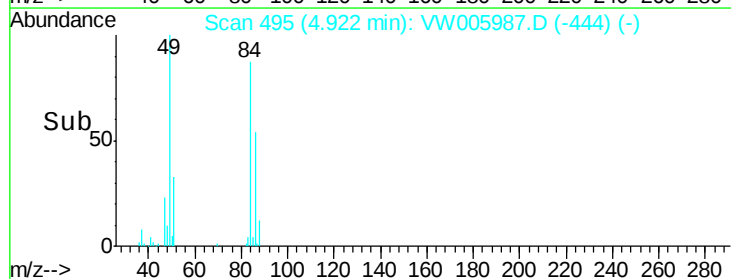
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

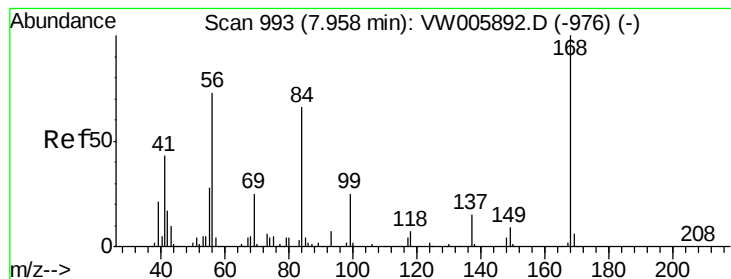
4.92

5.00

5.10



Time-->



#31

Cyclohexane

Concen: 1.14 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW005987.D

Acq: 10 Oct 2018 14:45

Instrument :

MSVOA_W

ClientSampled :

S-21-V

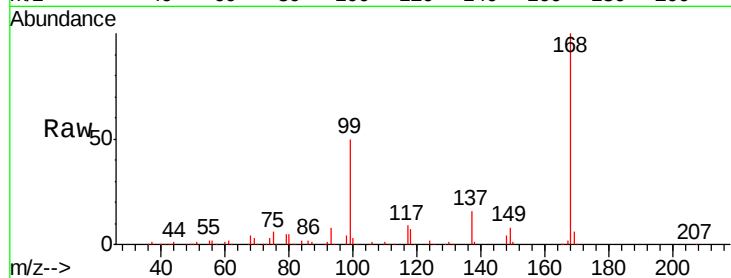
Tgt Ion: 56 Resp: 4408

Ion Ratio Lower Upper

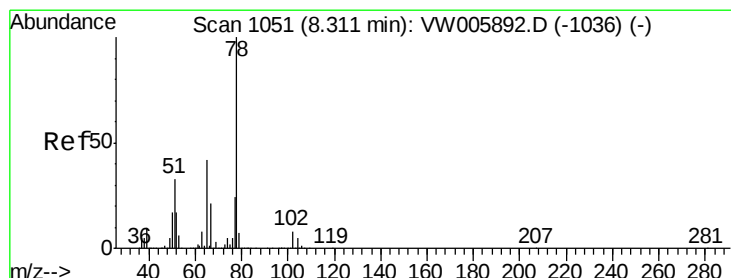
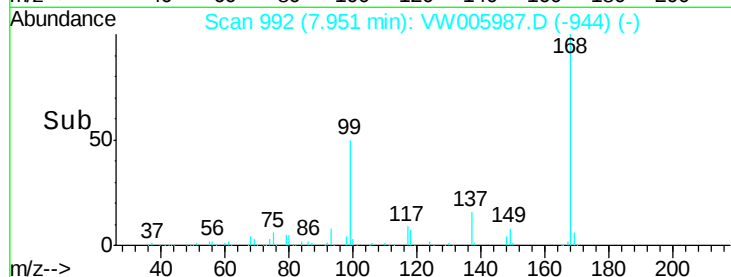
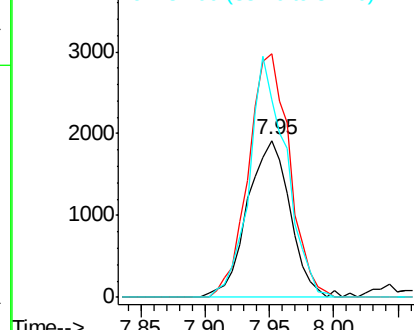
56 100

69 154.9 27.9 41.9#

84 126.0 72.3 108.5#



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: 48.02 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005987.D

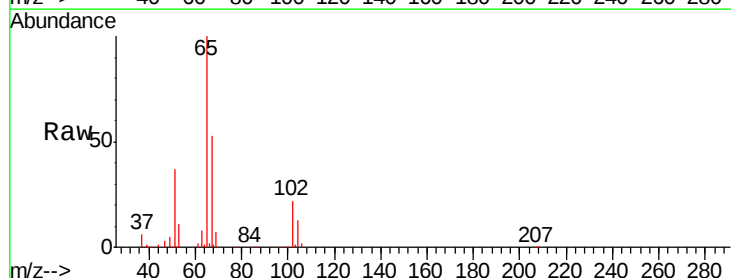
Acq: 10 Oct 2018 14:45

Tgt Ion: 65 Resp: 105996

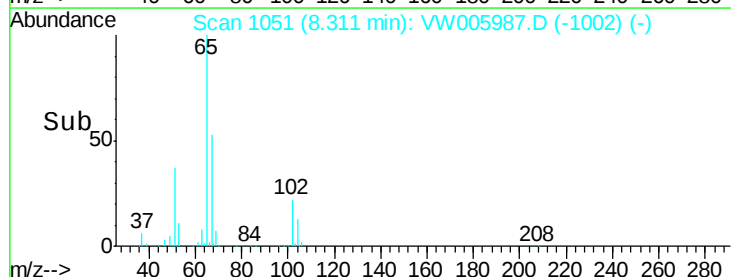
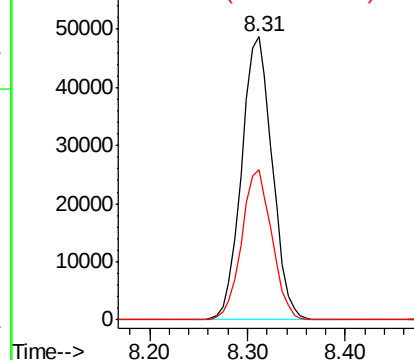
Ion Ratio Lower Upper

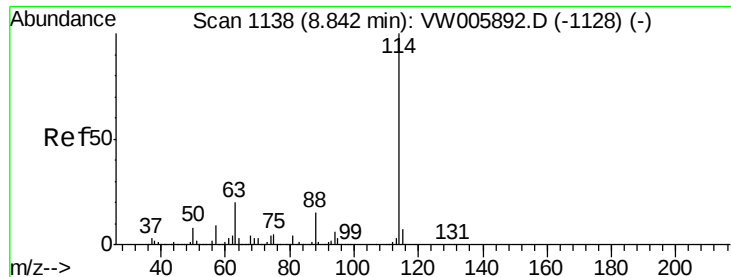
65 100

67 52.3 0.0 104.6



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

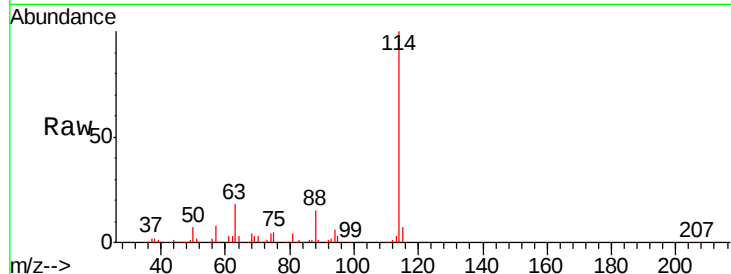




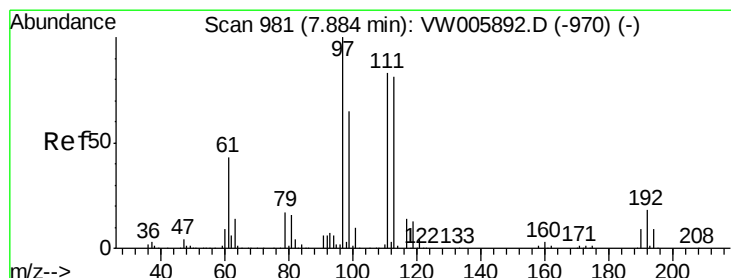
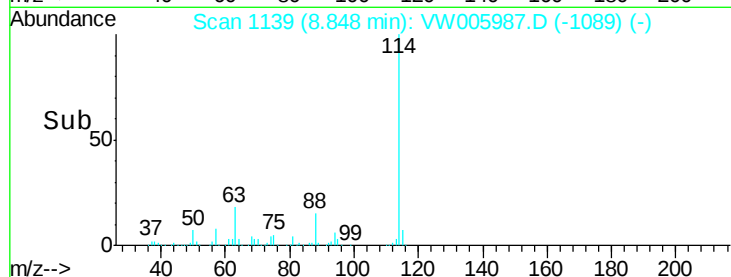
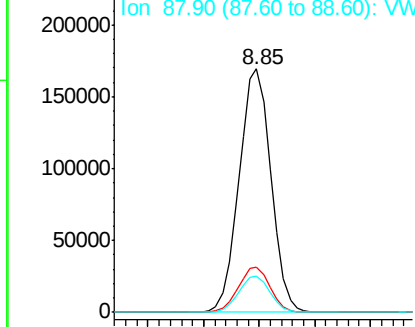
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW005987.D
 Acq: 10 Oct 2018 14:45

Instrument :
 MSVOA_W
 ClientSampleId :
 S-21-V

Tgt Ion:114 Resp: 336080
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 39.2
 88 14.6 0.0 30.8

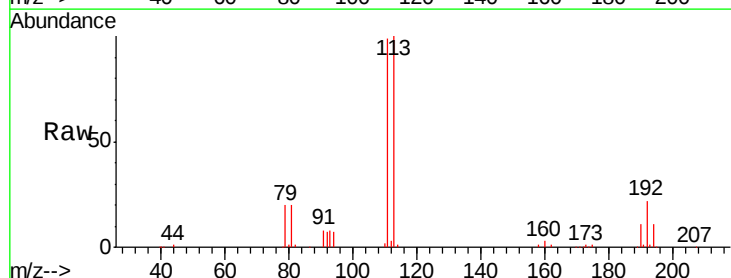


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

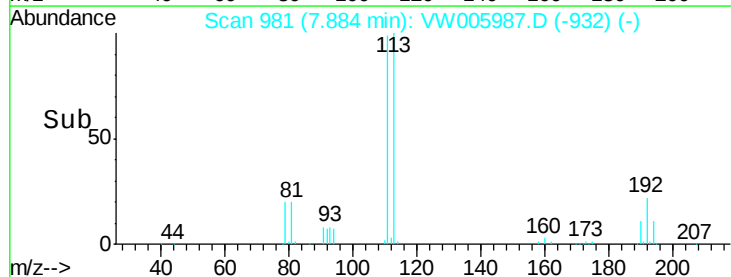
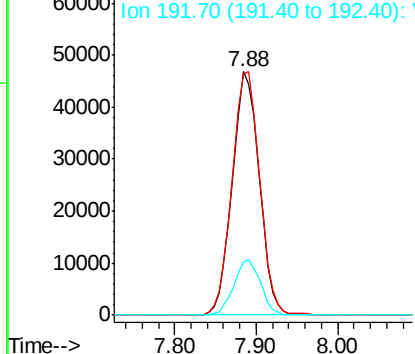


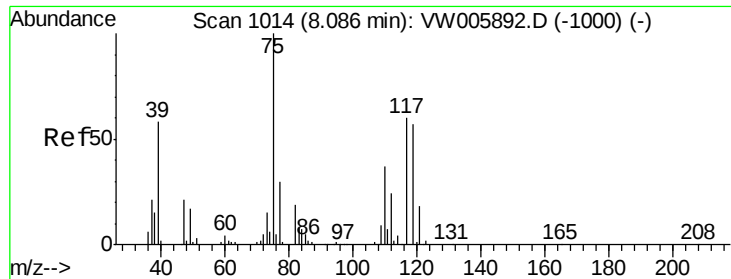
#35
 Dibromofluoromethane
 Concen: 49.78 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW005987.D
 Acq: 10 Oct 2018 14:45

Tgt Ion:113 Resp: 106821
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.0 123.0
 192 22.5 18.3 27.5



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

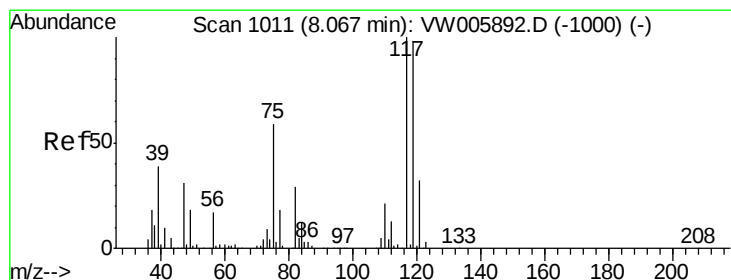
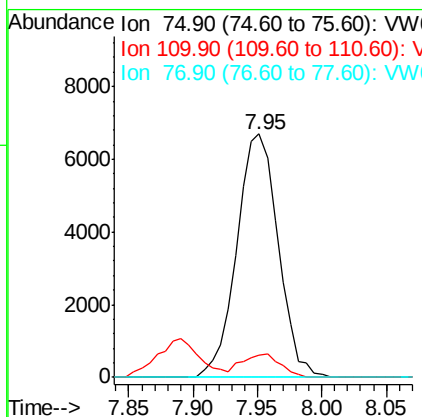
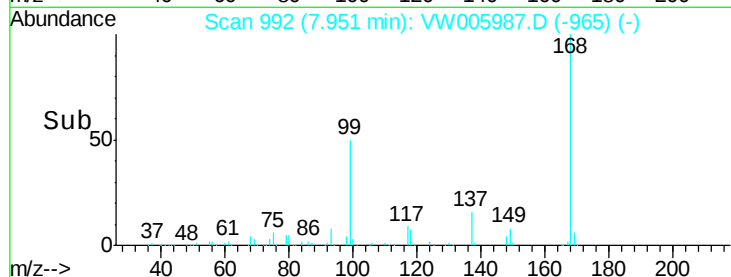
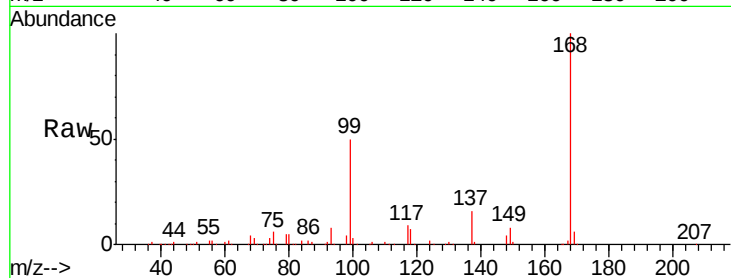




#36
 1,1-Dichloropropene
 Concen: 4.63 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW005987.D
 Acq: 10 Oct 2018 14:45

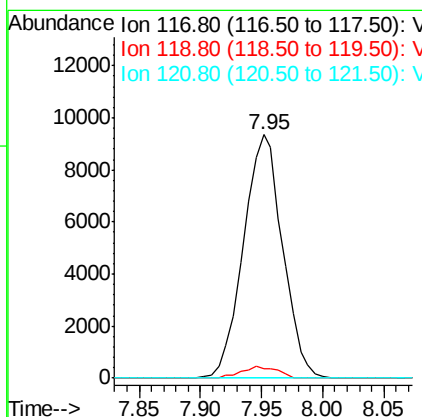
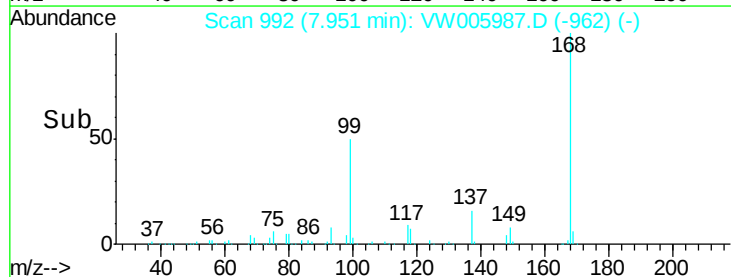
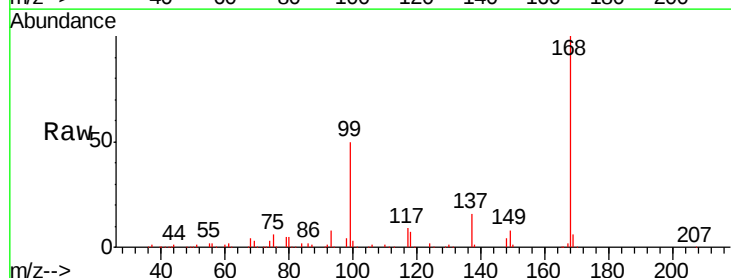
Instrument :
 MSVOA_W
 ClientSampled :
 S-21-V

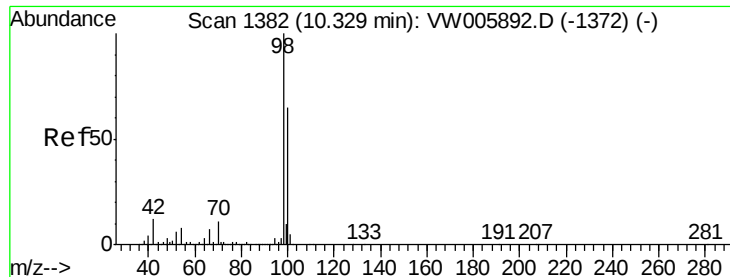
Tgt Ion: 75 Resp: 14908
 Ion Ratio Lower Upper
 75 100
 110 9.0 18.6 56.0#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.00 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW005987.D
 Acq: 10 Oct 2018 14:45

Tgt Ion: 117 Resp: 20760
 Ion Ratio Lower Upper
 117 100
 119 3.9 78.6 117.8#
 121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 48.07 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005987.D

Acq: 10 Oct 2018 14:45

Instrument :

MSVOA_W

ClientSampleId :

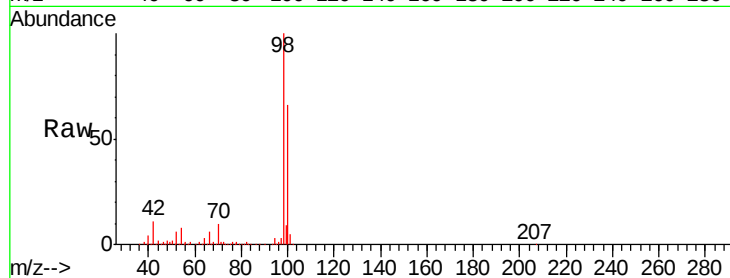
S-21-V

Tgt Ion: 98 Resp: 396840

Ion Ratio Lower Upper

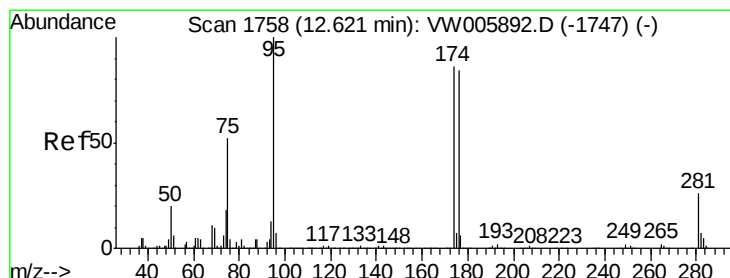
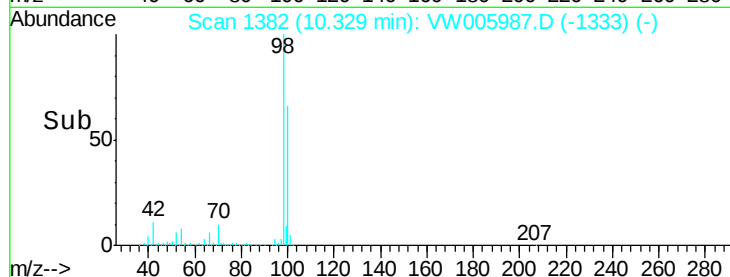
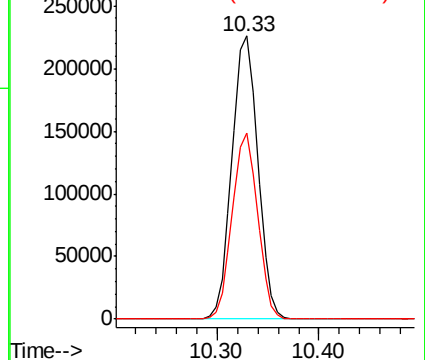
98 100

100 64.4 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 42.49 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005987.D

Acq: 10 Oct 2018 14:45

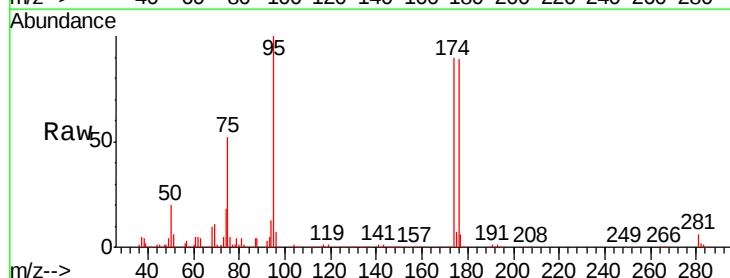
Tgt Ion: 95 Resp: 133445

Ion Ratio Lower Upper

95 100

174 92.4 0.0 176.4

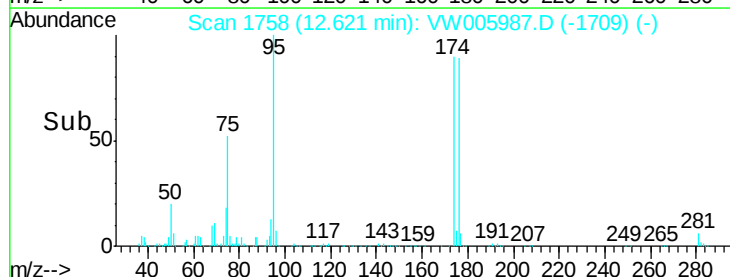
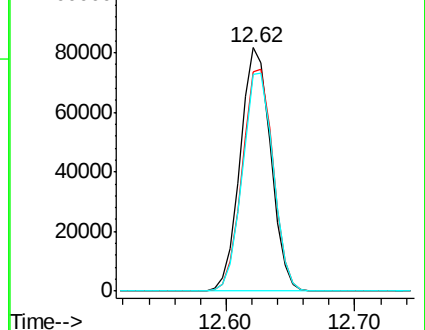
176 90.2 0.0 173.0

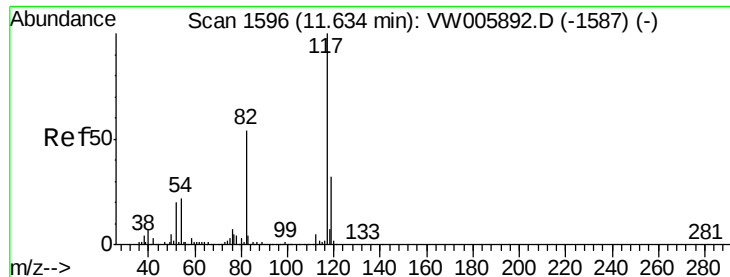


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

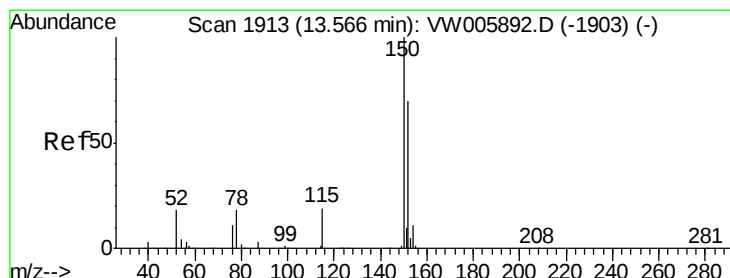
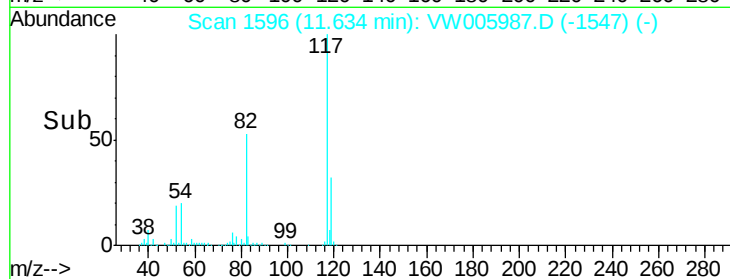
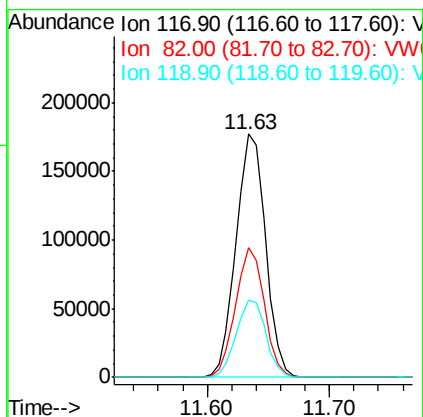
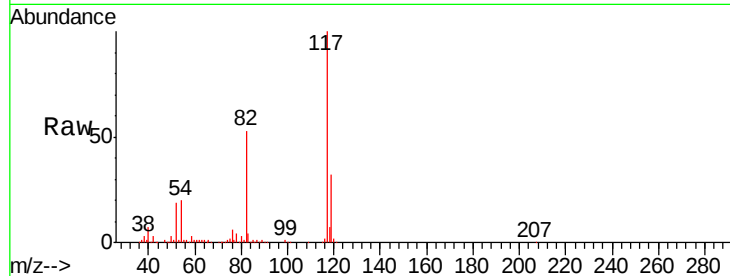




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005987.D
Acq: 10 Oct 2018 14:45

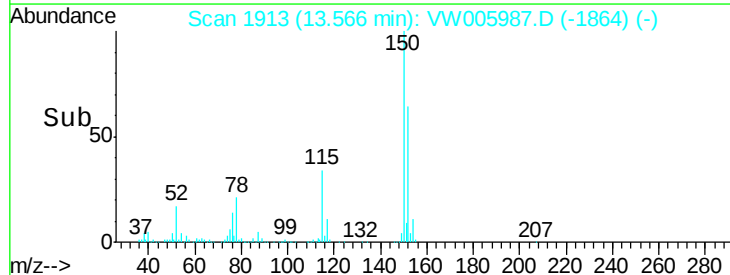
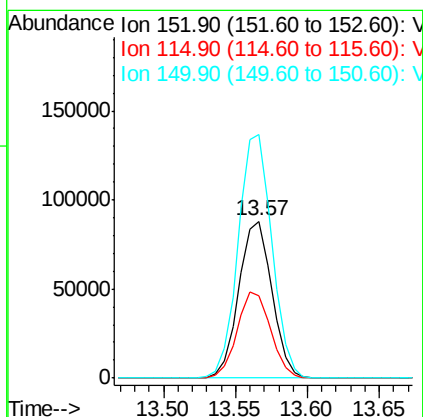
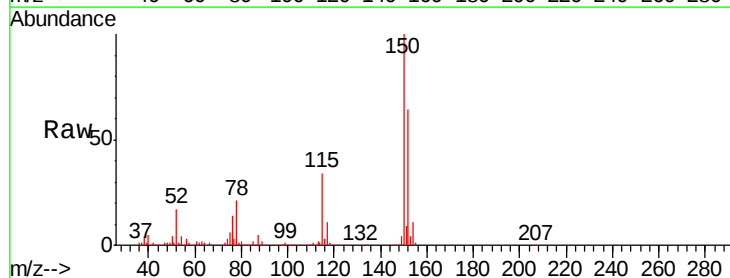
Instrument :
MSVOA_W
ClientSampleId :
S-21-V

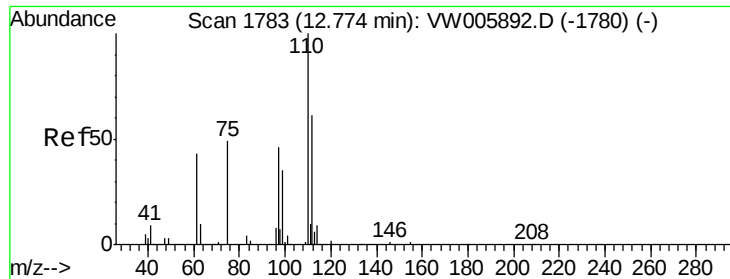
Tgt Ion:117 Resp: 296651
Ion Ratio Lower Upper
117 100
82 53.1 43.5 65.3
119 31.8 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005987.D
Acq: 10 Oct 2018 14:45

Tgt Ion:152 Resp: 140201
Ion Ratio Lower Upper
152 100
115 55.6 28.3 85.0
150 158.2 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 54.60 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005987.D

Acq: 10 Oct 2018 14:45

Instrument :

MSVOA_W

ClientSampleId :

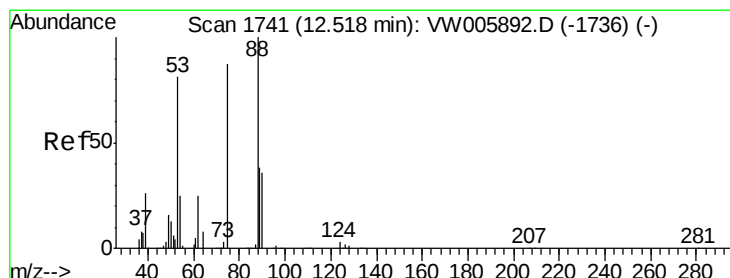
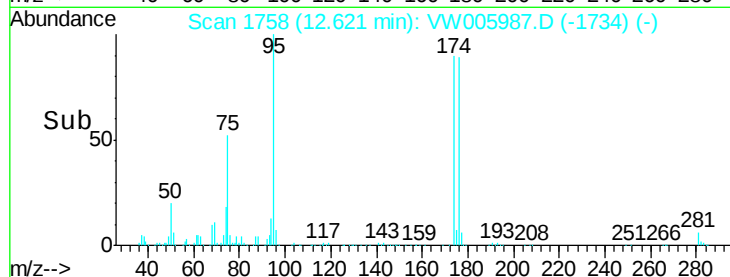
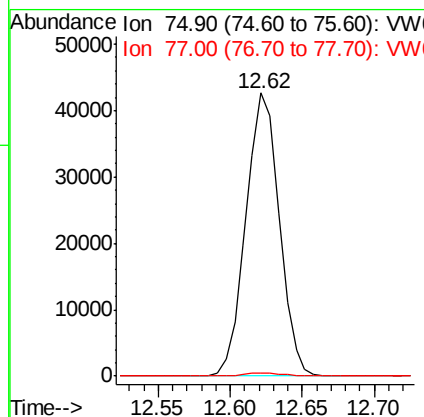
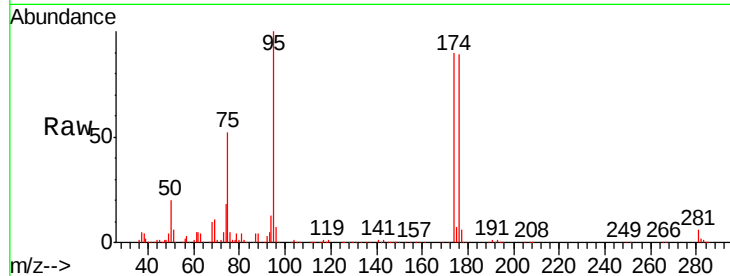
S-21-V

Tgt Ion: 75 Resp: 68375

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 115.26 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005987.D

Acq: 10 Oct 2018 14:45

Tgt Ion: 75 Resp: 68375

Ion Ratio Lower Upper

75 100

53 0.0 76.5 114.7#

89 0.0 37.6 56.4#

