

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010919\
 Data File : VW008116.D
 Acq On : 09 Jan 2019 21:04
 Operator : SY/AP
 Sample : K1075-04
 Misc : 5.93G/5ML/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BASIN-2

Quant Time: Jan 10 06:00:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	77353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	140904	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	125783	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	57834	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	50135	57.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.34%	
35) Dibromofluoromethane	7.88	113	43982	53.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.04%	
50) Toluene-d8	10.32	98	178206	51.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.34%	
62) 4-Bromofluorobenzene	12.62	95	60007	48.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.08%	

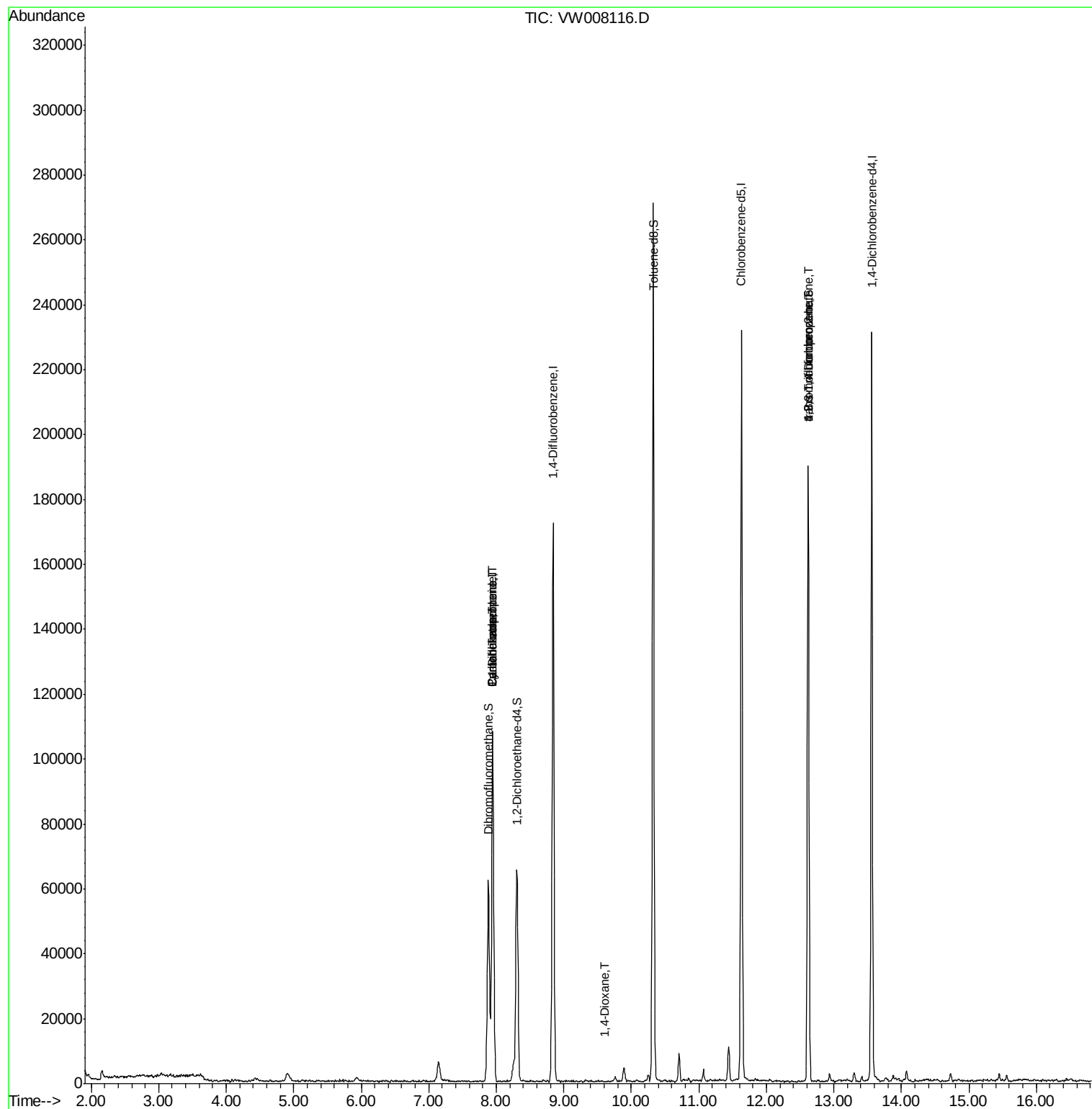
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.19	59	155	Below Cal	#	100
13) Acrolein	3.85	56	33	Below Cal		95
16) Acetone	4.14	43	848	Below Cal		95
20) Methylene Chloride	4.91	84	2061	Below Cal	#	67
31) Cyclohexane	7.95	56	2076	1.135	ug/l #	27
36) 1,1-Dichloropropene	7.95	75	6446	4.441	ug/l #	50
38) Carbon Tetrachloride	7.95	117	8239	6.202	ug/l #	16
49) 1,4-Dioxane	9.61	88	19	2.464	ug/l #	11
76) 1,2,3-Trichloropropane	12.62	75	30254	57.384	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	30254	133.630	ug/l #	10

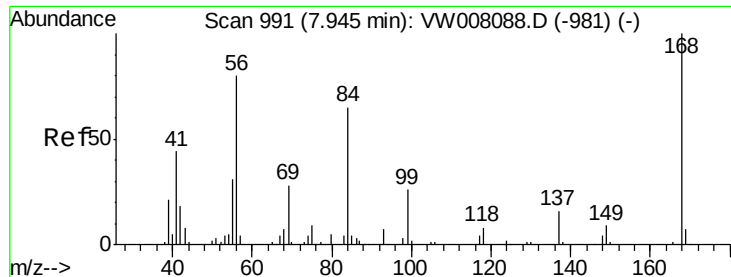
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW010919\
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QLast Update : Wed Jan 09 04:40:48 2019
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: VW008116.D

Acq: 09 Jan 2019 21:04

Instrument :

MSVOA_W

ClientSampleId :

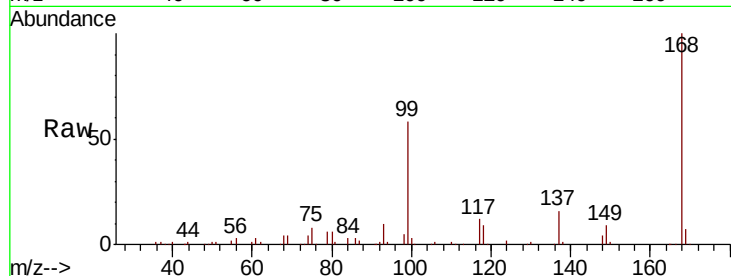
BASIN-2

Tgt Ion:168 Resp: 77353

Ion Ratio Lower Upper

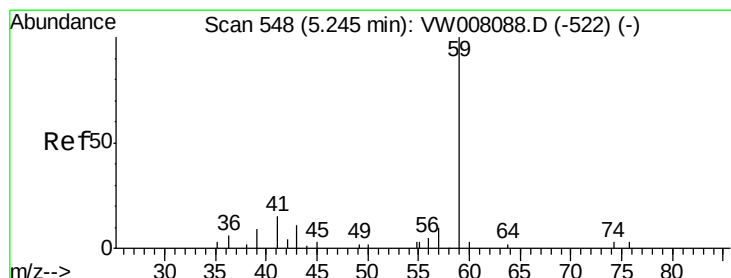
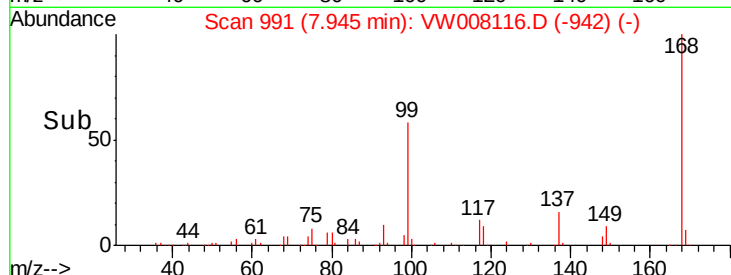
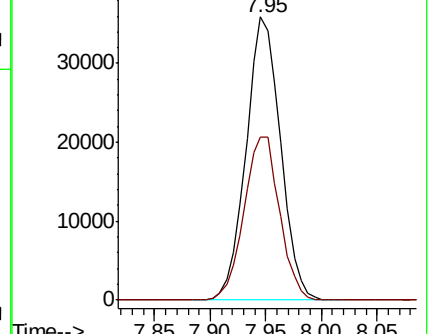
168 100

99 57.7 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.19 min Scan# 539

Delta R.T. -0.05 min

Lab File: VW008116.D

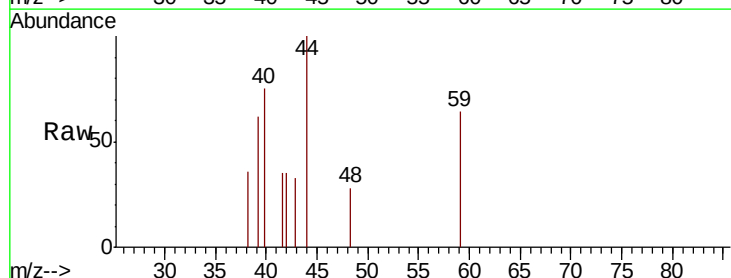
Acq: 09 Jan 2019 21:04

Tgt Ion: 59 Resp: 155

Ion Ratio Lower Upper

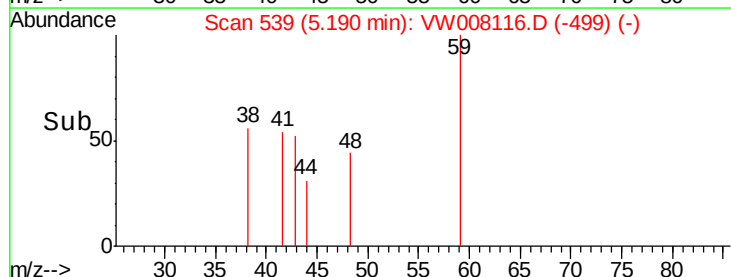
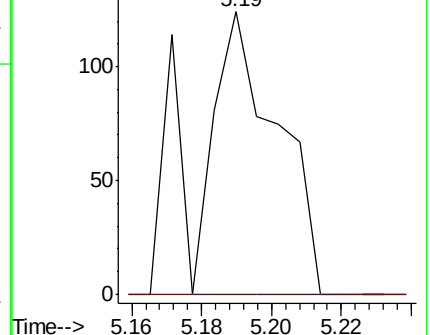
59 100

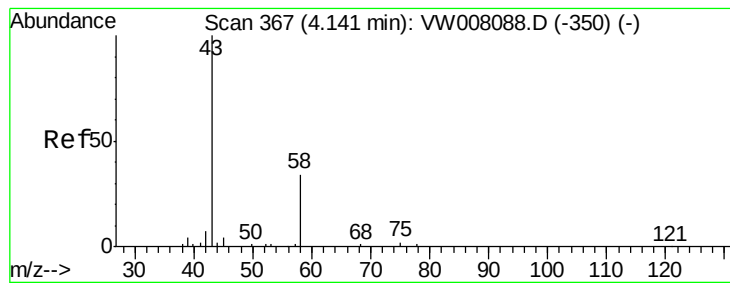
57 0.0 0.0 0.0



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: Below Cal

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

Lab File: VW008116.D

Acq: 09 Jan 2019 21:04

Instrument :

MSVOA_W

ClientSampleId :

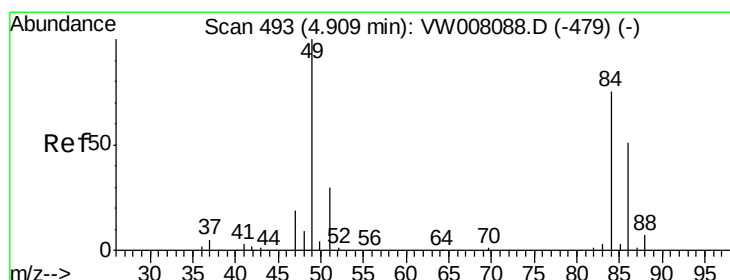
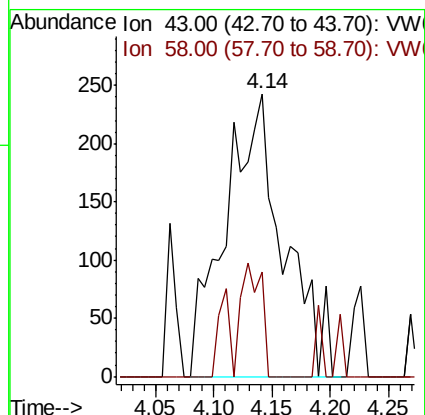
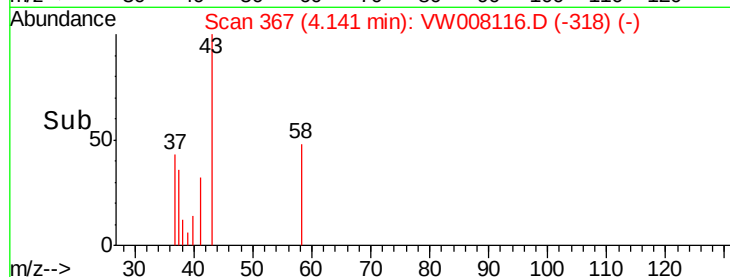
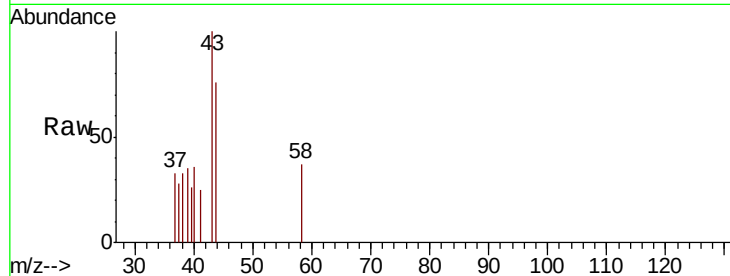
BASIN-2

Tgt Ion: 43 Resp: 848

Ion Ratio Lower Upper

43 100

58 37.0 27.5 41.3



#20

Methylene Chloride

Concen: Below Cal

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW008116.D

Acq: 09 Jan 2019 21:04

Tgt Ion: 84 Resp: 2061

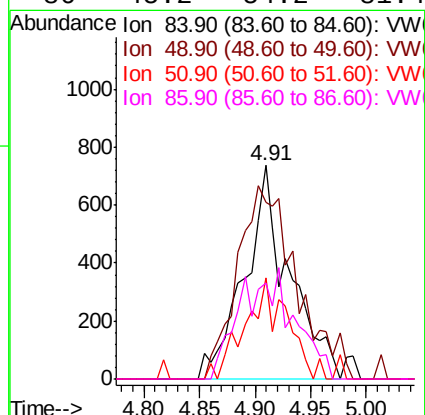
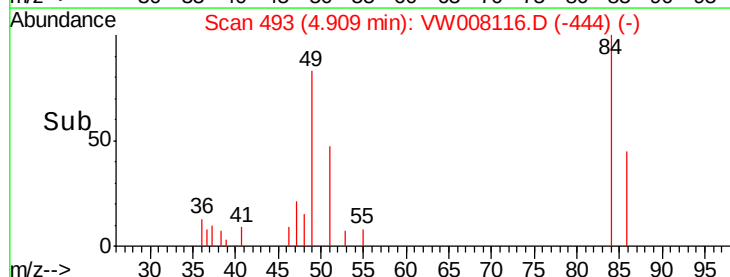
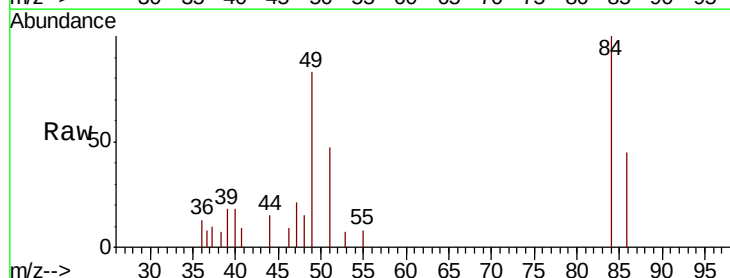
Ion Ratio Lower Upper

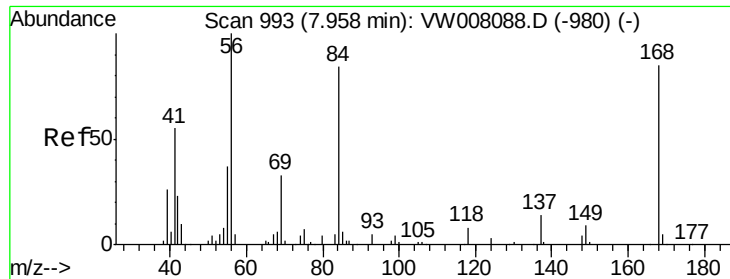
84 100

49 82.8 107.1 160.7#

51 47.1 32.4 48.6

86 45.2 54.2 81.4#

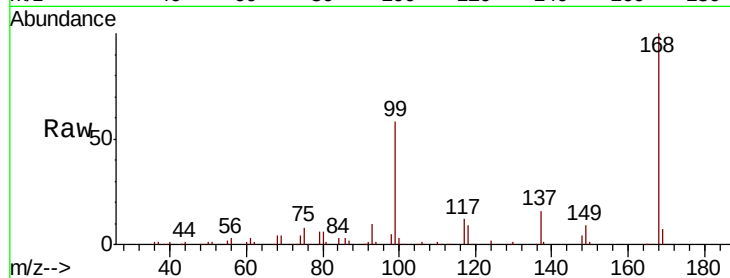




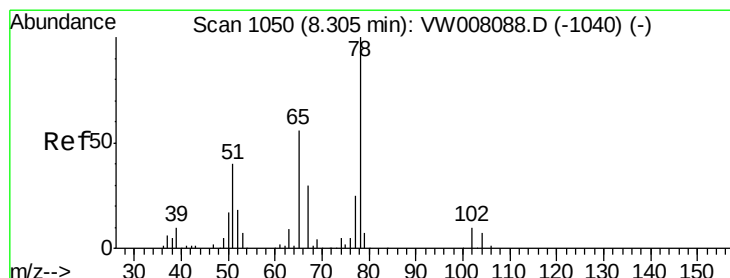
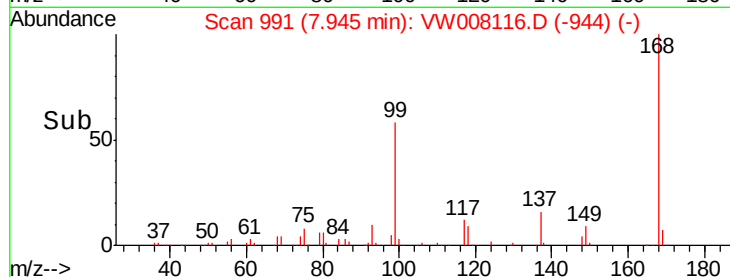
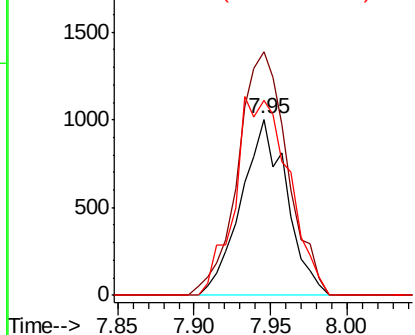
#31
Cyclohexane
Concen: 1.135 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008116.D
Acq: 09 Jan 2019 21:04

Instrument :
MSVOA_W
ClientSampleId :
BASIN-2

Tgt Ion: 56 Resp: 2076
Ion Ratio Lower Upper
56 100
69 138.2 26.2 39.4#
84 110.7 67.4 101.2#

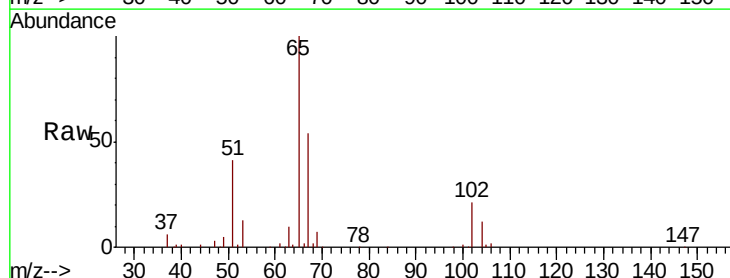


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

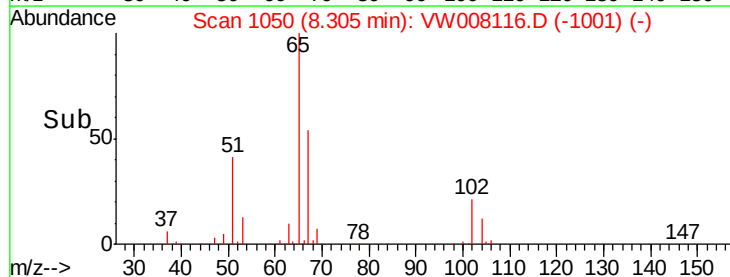
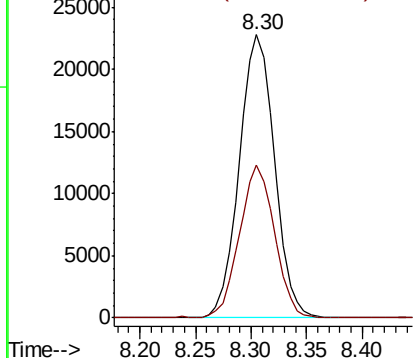


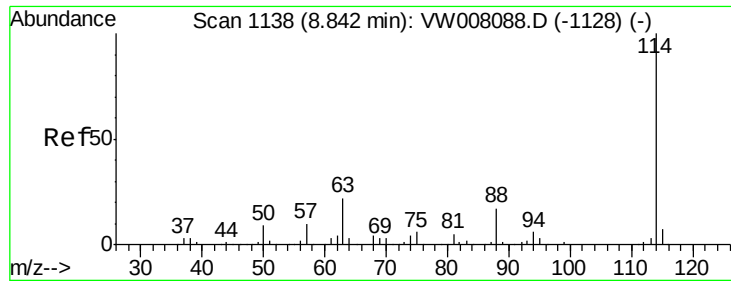
#33
1,2-Dichloroethane-d4
Concen: 57.668 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW008116.D
Acq: 09 Jan 2019 21:04

Tgt Ion: 65 Resp: 50135
Ion Ratio Lower Upper
65 100
67 53.7 0.0 106.8



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

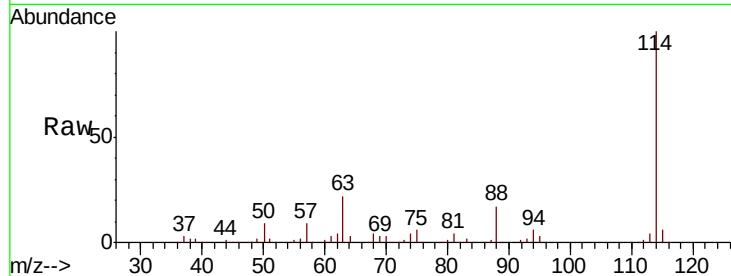




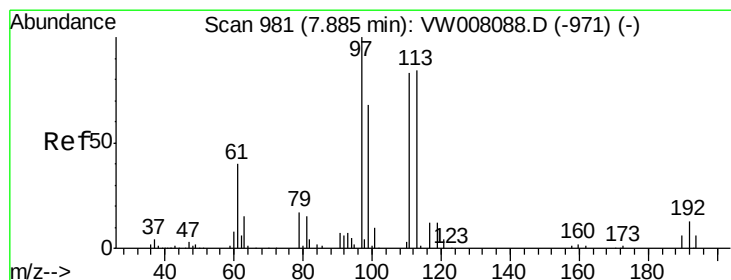
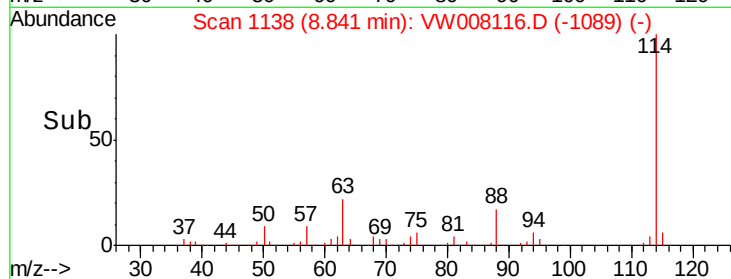
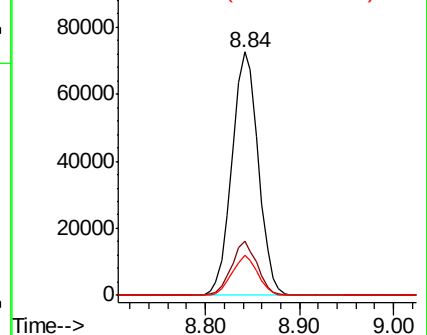
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008116.D
 Acq: 09 Jan 2019 21:04

Instrument :
 MSVOA_W
 ClientSampleID :
 BASIN-2

Tgt Ion:114 Resp: 140904
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 43.4
 88 16.5 0.0 33.4

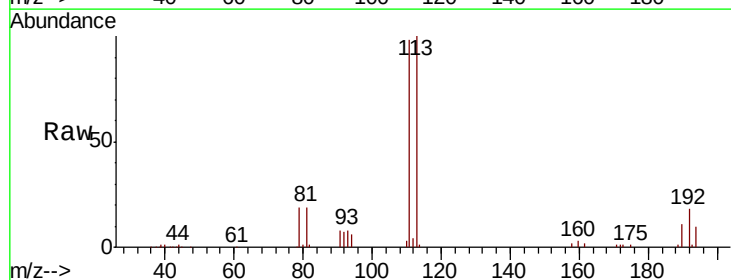


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

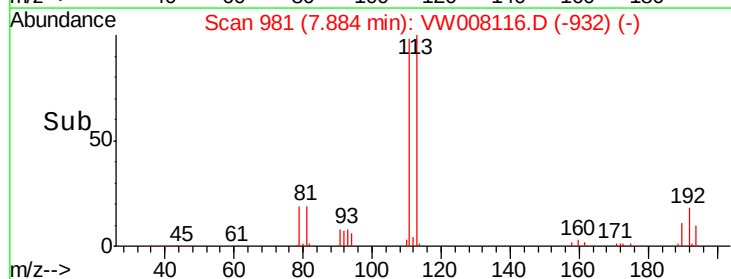
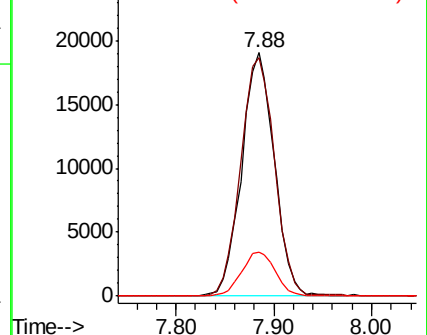


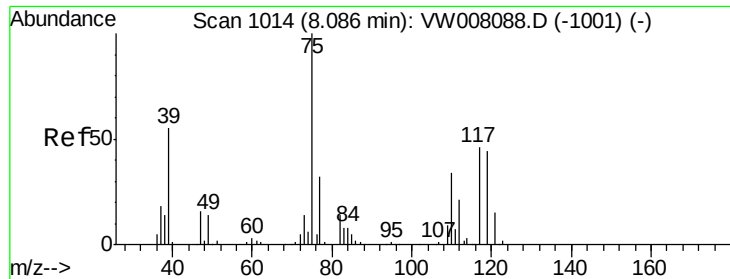
#35
 Dibromofluoromethane
 Concen: 53.519 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008116.D
 Acq: 09 Jan 2019 21:04

Tgt Ion:113 Resp: 43982
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.8 122.8
 192 18.5 12.8 19.2



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

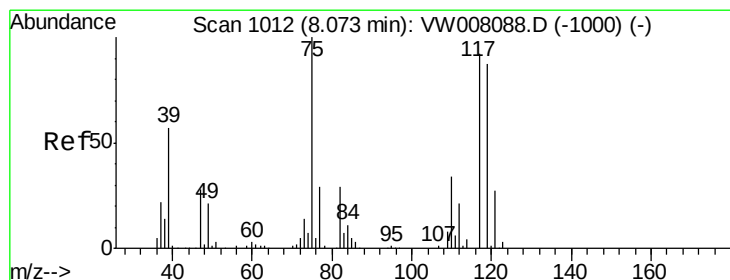
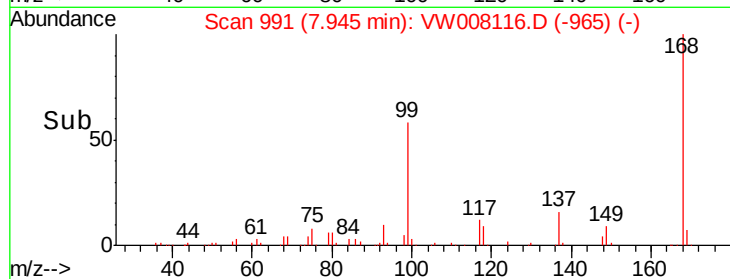
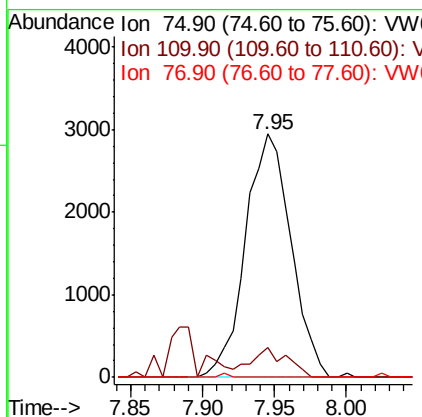
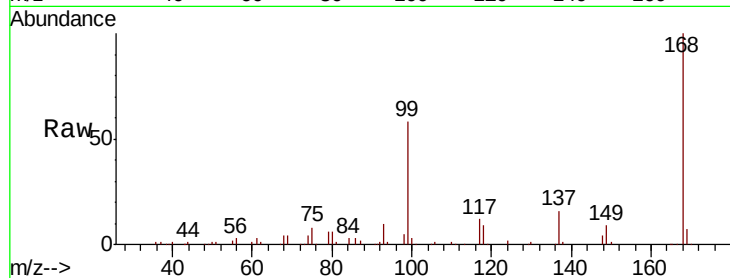




#36
 1,1-Dichloropropene
 Concen: 4.441 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW008116.D
 Acq: 09 Jan 2019 21:04

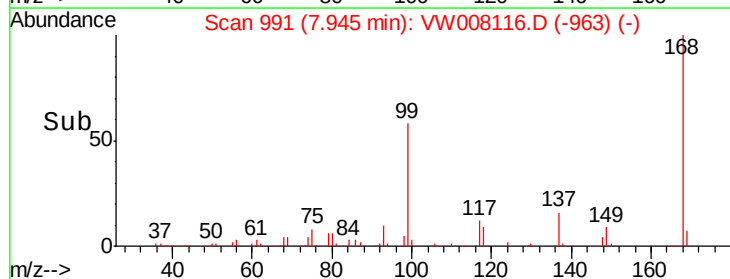
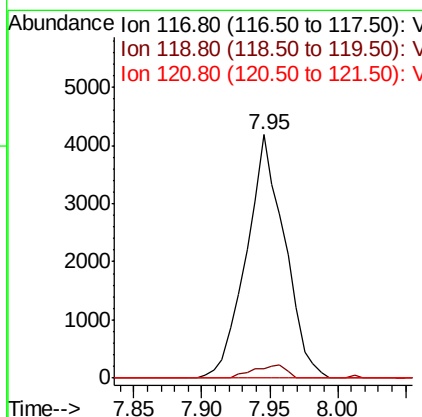
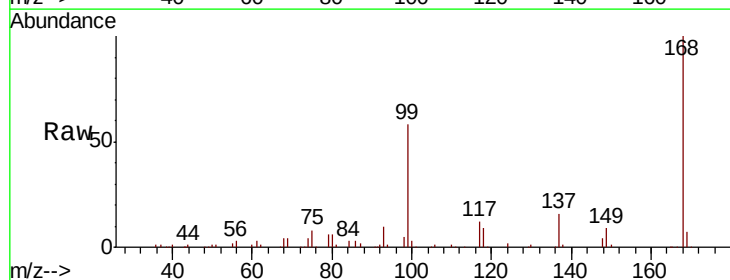
Instrument :
 MSVOA_W
 ClientSampleId :
 BASIN-2

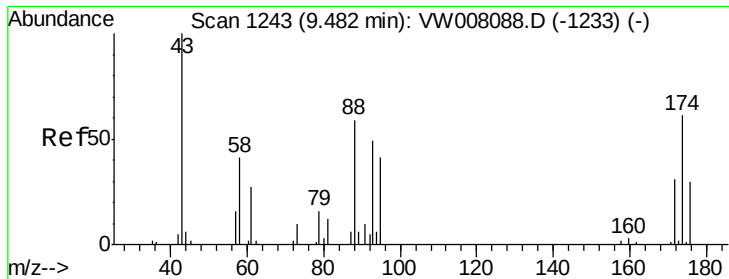
Tgt Ion: 75 Resp: 6446
 Ion Ratio Lower Upper
 75 100
 110 9.5 17.1 51.3#
 77 0.0 25.5 38.3#



#38
 Carbon Tetrachloride
 Concen: 6.202 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008116.D
 Acq: 09 Jan 2019 21:04

Tgt Ion: 117 Resp: 8239
 Ion Ratio Lower Upper
 117 100
 119 4.1 75.8 113.8#
 121 0.0 23.7 35.5#





#49

1,4-Dioxane

Concen: 2.464 ug/l

RT: 9.61 min Scan# 1264

Delta R.T. 0.13 min

Lab File: VW008116.D

Acq: 09 Jan 2019 21:04

Instrument :

MSVOA_W

ClientSampleId :

BASIN-2

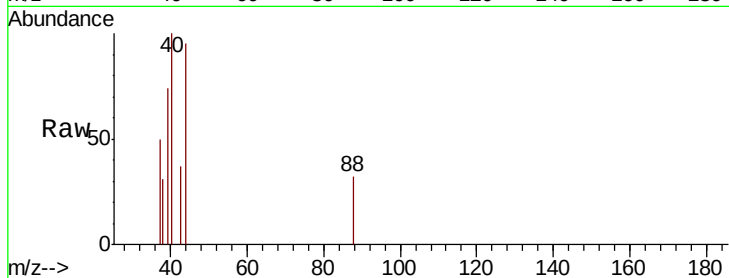
Tgt Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

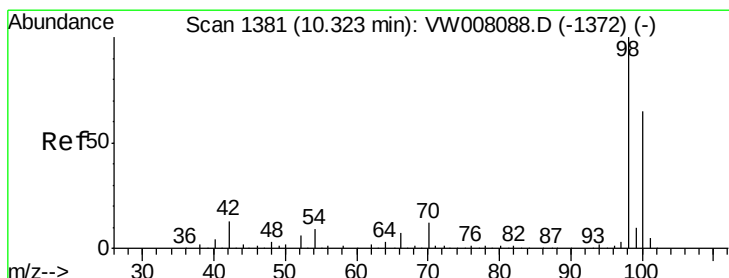
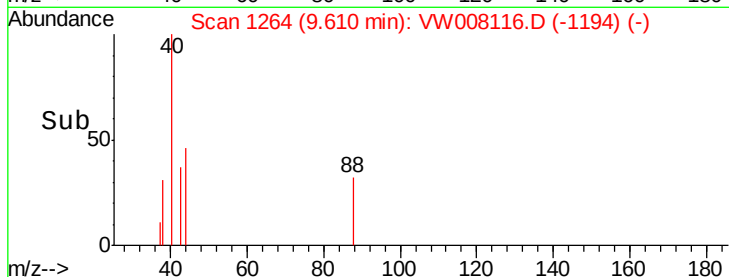
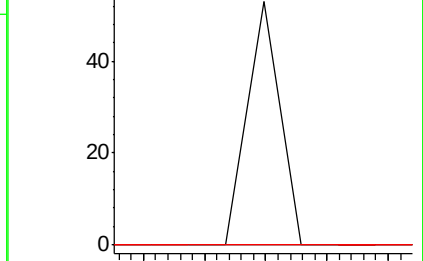
58 0.0 61.7 92.5#



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 51.675 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008116.D

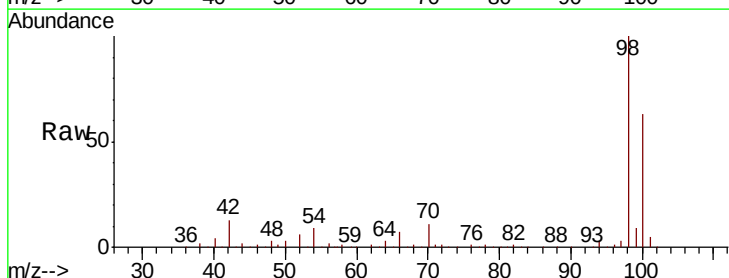
Acq: 09 Jan 2019 21:04

Tgt Ion: 98 Resp: 178206

Ion Ratio Lower Upper

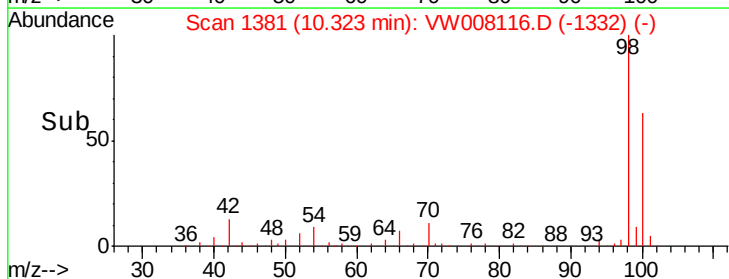
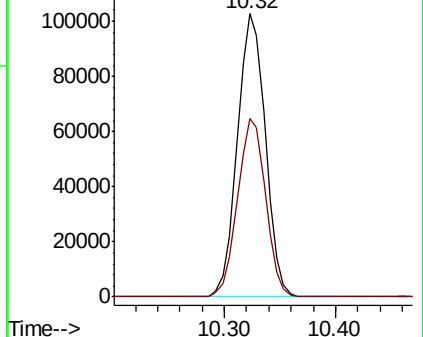
98 100

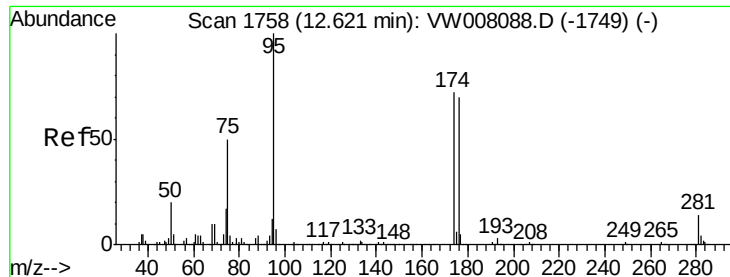
100 63.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

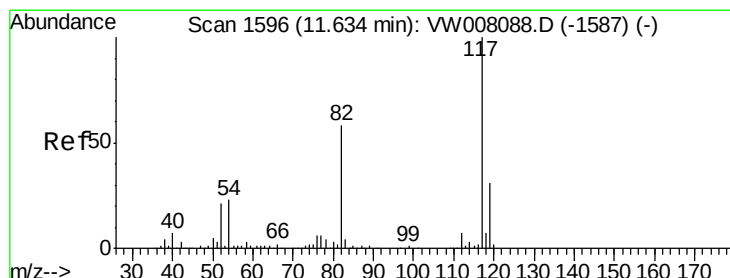
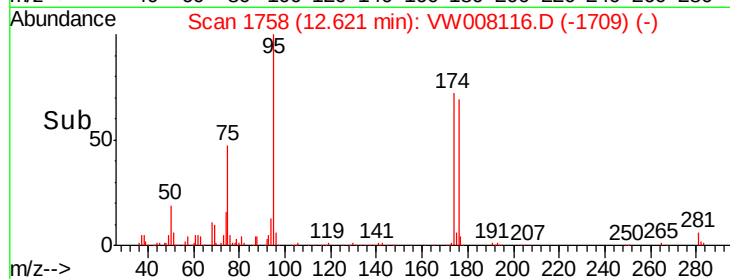
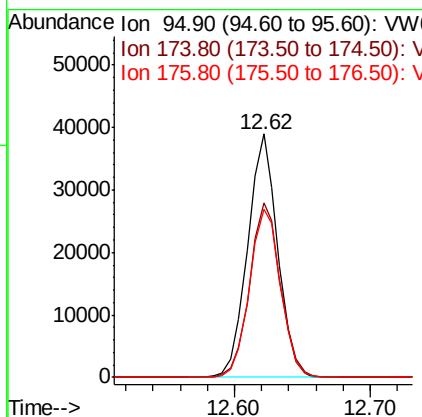
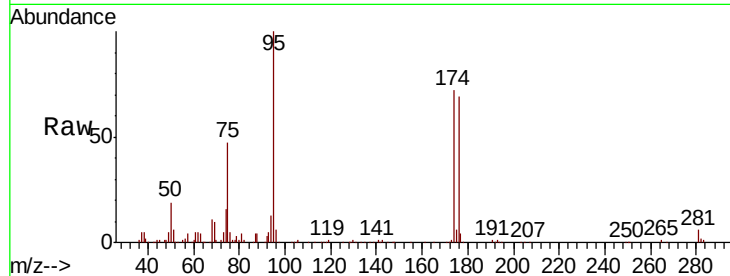




#62
4-Bromofluorobenzene
Concen: 48.537 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008116.D
Acq: 09 Jan 2019 21:04

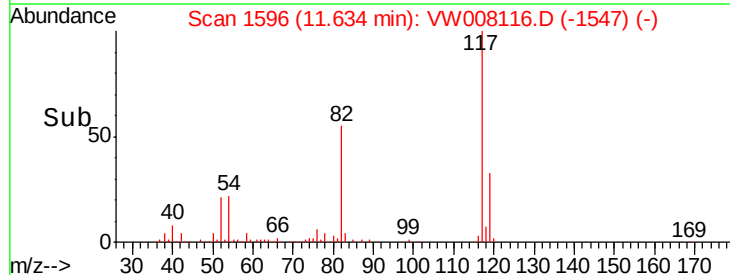
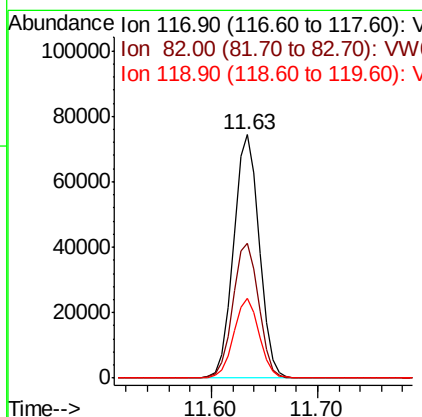
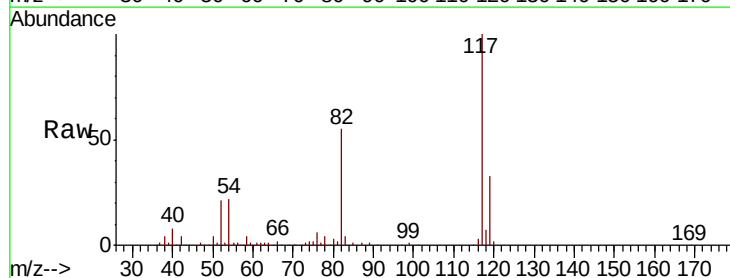
Instrument :
MSVOA_W
ClientSampleId :
BASIN-2

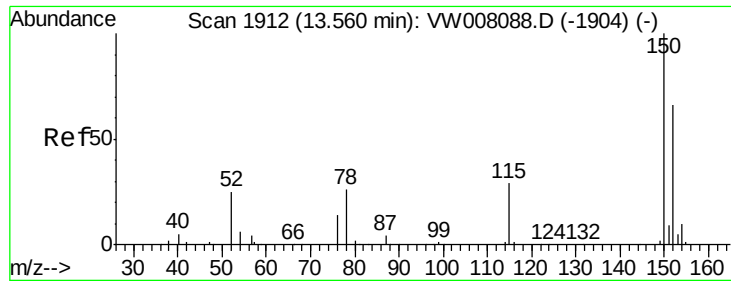
Tgt Ion: 95 Resp: 60007
Ion Ratio Lower Upper
95 100
174 73.8 0.0 143.0
176 71.7 0.0 140.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008116.D
Acq: 09 Jan 2019 21:04

Tgt Ion: 117 Resp: 125783
Ion Ratio Lower Upper
117 100
82 55.3 46.4 69.6
119 32.8 24.7 37.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008116.D

Acq: 09 Jan 2019 21:04

Instrument :

MSVOA_W

ClientSampleId :

BASIN-2

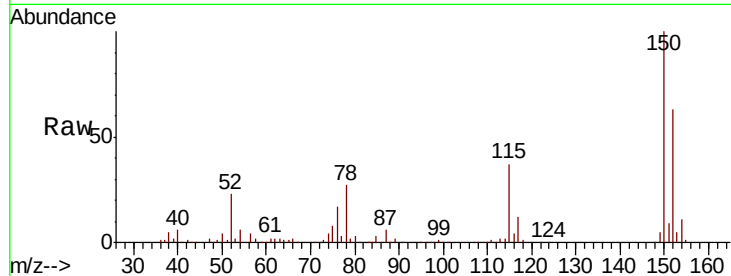
Tgt Ion:152 Resp: 57834

Ion Ratio Lower Upper

152 100

115 59.1 30.8 92.4

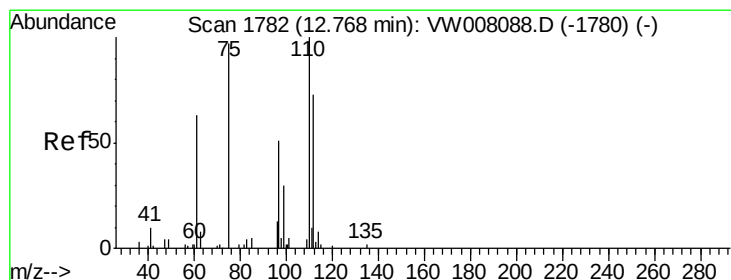
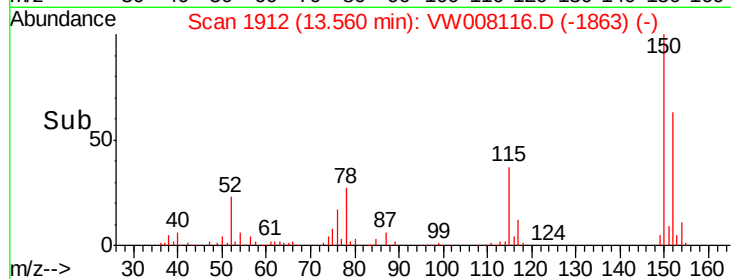
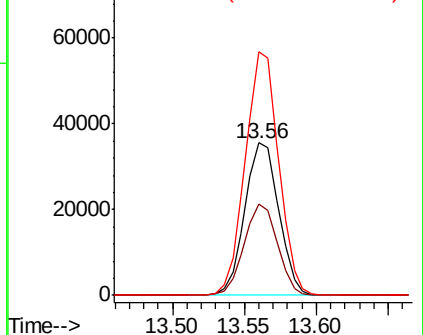
150 157.1 0.0 350.2



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: 57.384 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008116.D

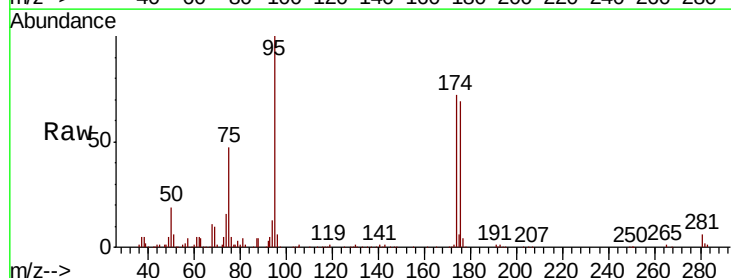
Acq: 09 Jan 2019 21:04

Tgt Ion: 75 Resp: 30254

Ion Ratio Lower Upper

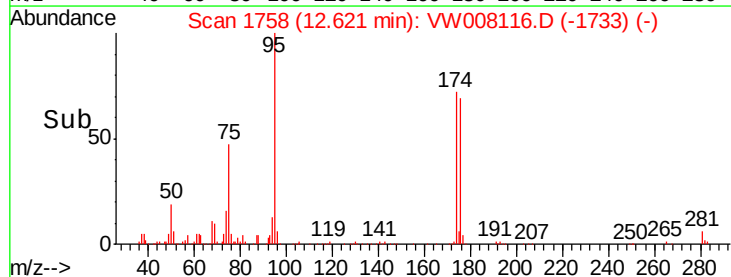
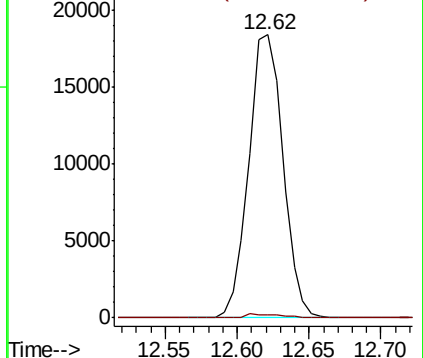
75 100

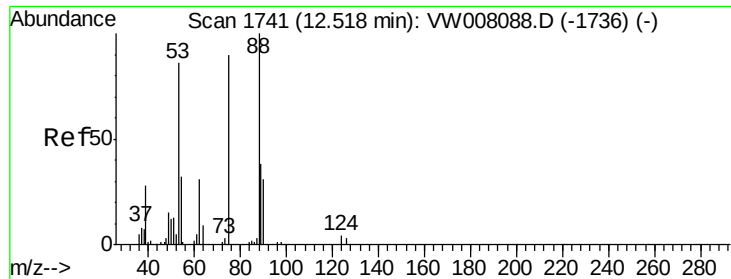
77 1.5 179.4 538.2#



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: 133.630 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW008116.D

Acq: 09 Jan 2019 21:04

Instrument :

MSVOA_W

ClientSampleId :

BASIN-2

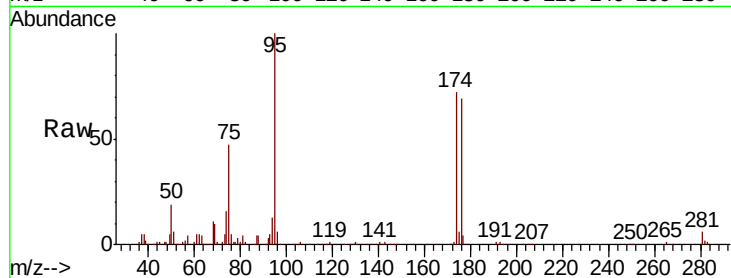
Tgt Ion: 75 Resp: 30254

Ion Ratio Lower Upper

75 100

53 0.2 78.8 118.2#

89 0.2 35.4 53.2#



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

