

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010919\
 Data File : VW008117.D
 Acq On : 09 Jan 2019 21:30
 Operator : SY/AP
 Sample : K1075-06
 Misc : 5.44G/5ML/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BASIN-3

Quant Time: Jan 10 06:00:21 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	61157	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	107574	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	97368	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	42781	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	37933	55.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.38%	
35) Dibromofluoromethane	7.88	113	33384	53.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.42%	
50) Toluene-d8	10.32	98	135414	51.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.86%	
62) 4-Bromofluorobenzene	12.62	95	44818	47.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.96%	

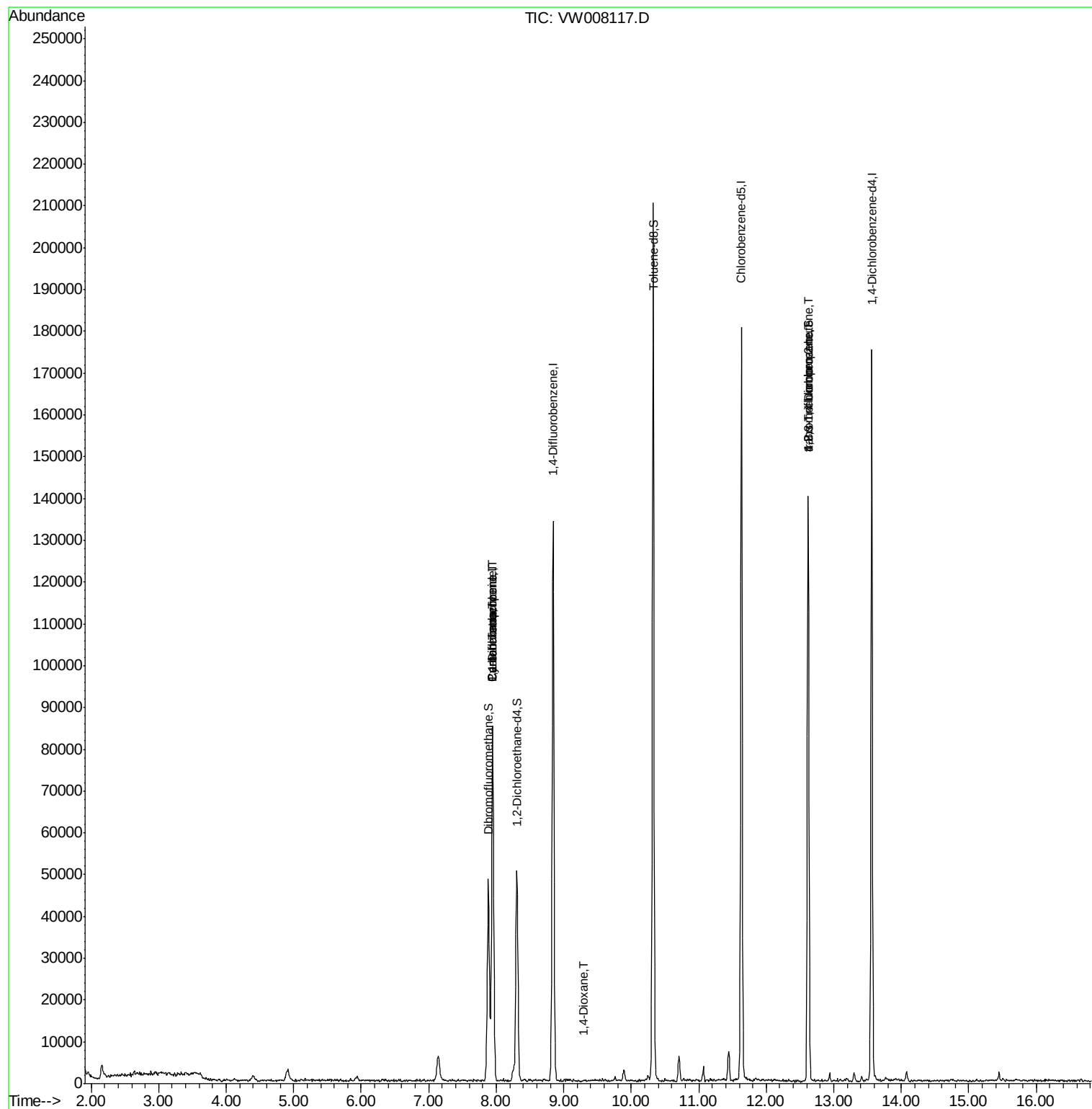
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.22	59	91	Below Cal	#	100
13) Acrolein	3.78	56	40	Below Cal	#	14
16) Acetone	4.12	43	651	Below Cal	#	64
20) Methylene Chloride	4.90	84	2020	Below Cal	#	82
31) Cyclohexane	7.94	56	1519	1.050	ug/l #	12
36) 1,1-Dichloropropene	7.95	75	5398	4.871	ug/l #	50
38) Carbon Tetrachloride	7.95	117	6072	5.987	ug/l #	16
49) 1,4-Dioxane	9.29	88	19	3.228	ug/l #	11
76) 1,2,3-Trichloropropane	12.62	75	22747	58.326	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	22747	135.824	ug/l #	10

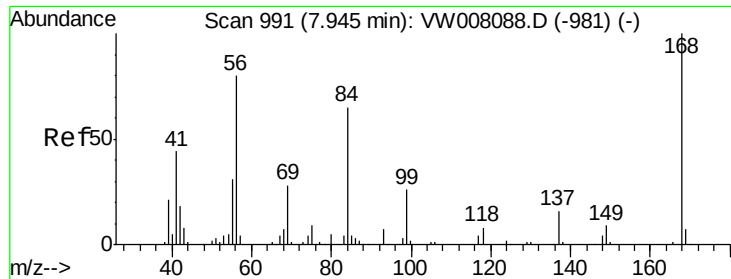
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW010919\
Data File : VW008117.D
Acq On : 09 Jan 2019 21:30
Operator : SY/AP
Sample : K1075-06
Misc : 5.44G/5ML/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BASIN-3

Quant Time: Jan 10 06:00:21 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
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: VW008117.D

Acq: 09 Jan 2019 21:30

Instrument :

MSVOA_W

ClientSampleId :

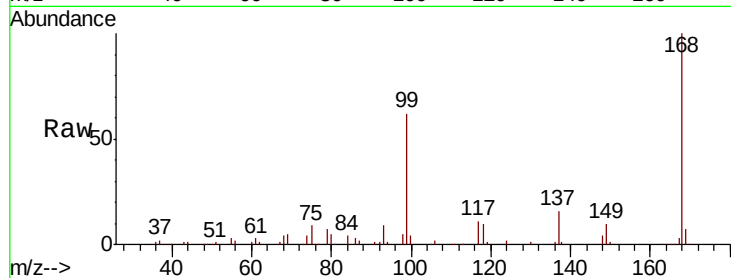
BASIN-3

Tgt Ion:168 Resp: 61157

Ion Ratio Lower Upper

168 100

99 61.9 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

30000

25000

20000

15000

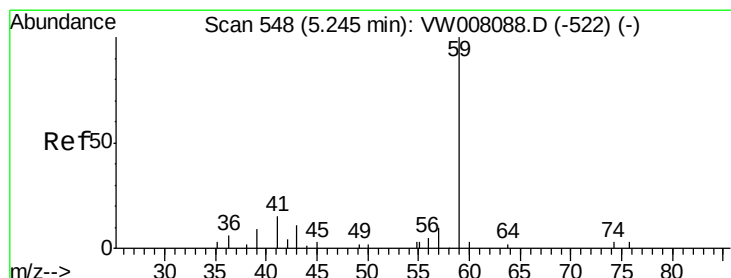
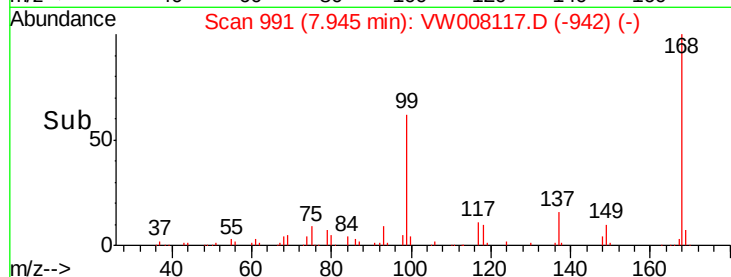
10000

5000

0

7.90 8.00

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.22 min Scan# 544

Delta R.T. -0.02 min

Lab File: VW008117.D

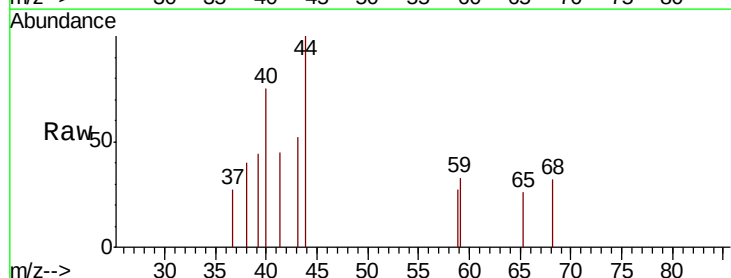
Acq: 09 Jan 2019 21:30

Tgt Ion: 59 Resp: 91

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

5.22

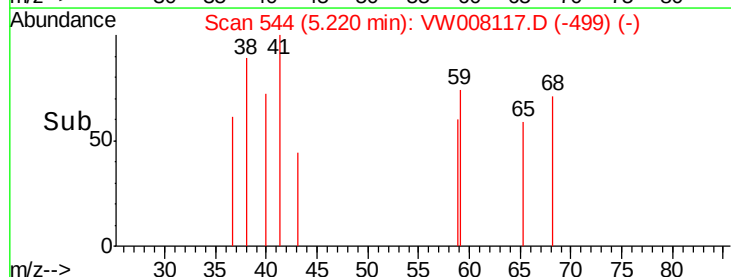
100

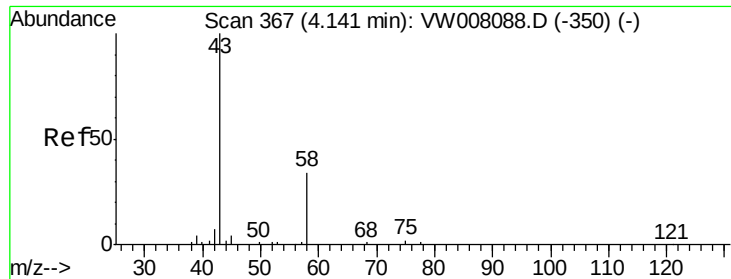
50

0

5.18 5.20 5.22 5.24

Time-->





#16

Acetone

Concen: Below Cal

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW008117.D

Acq: 09 Jan 2019 21:30

Instrument :

MSVOA_W

ClientSampleId :

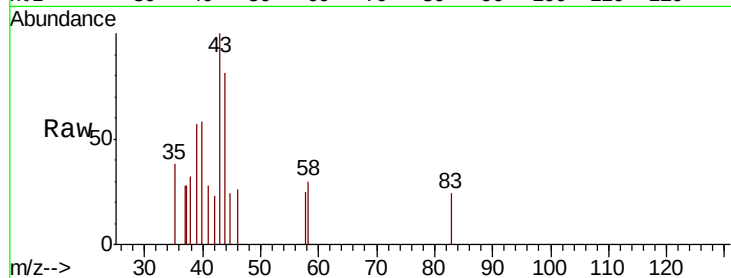
BASIN-3

Tgt Ion: 43 Resp: 651

Ion Ratio Lower Upper

43 100

58 55.2 27.5 41.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

250

200

150

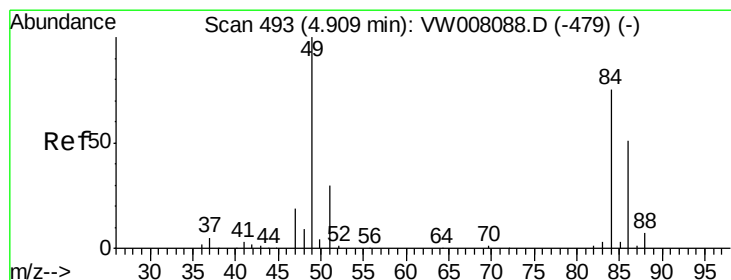
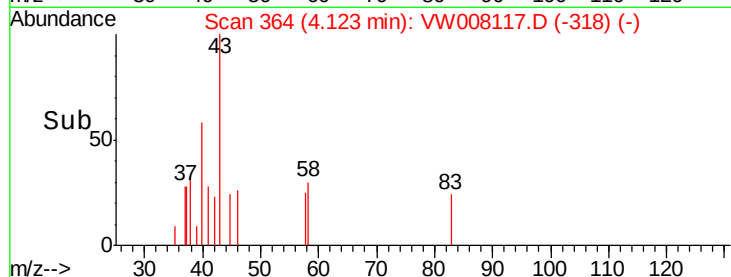
100

50

0

4.05 4.10 4.15 4.20

Time-->



#20

Methylene Chloride

Concen: Below Cal

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW008117.D

Acq: 09 Jan 2019 21:30

Tgt Ion: 84 Resp: 2020

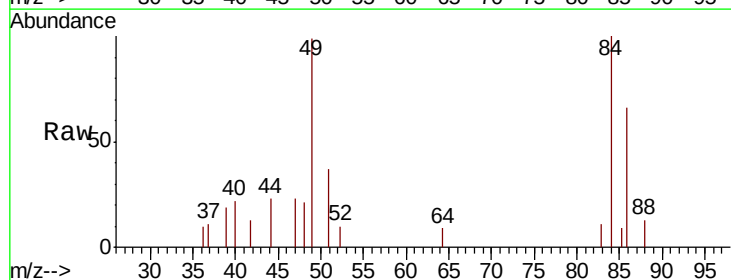
Ion Ratio Lower Upper

84 100

49 98.6 107.1 160.7#

51 36.7 32.4 48.6

86 65.5 54.2 81.4



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

1500

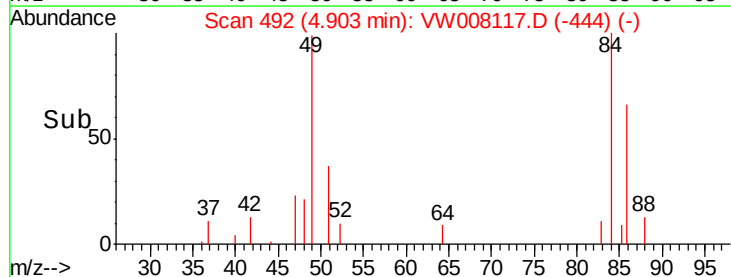
1000

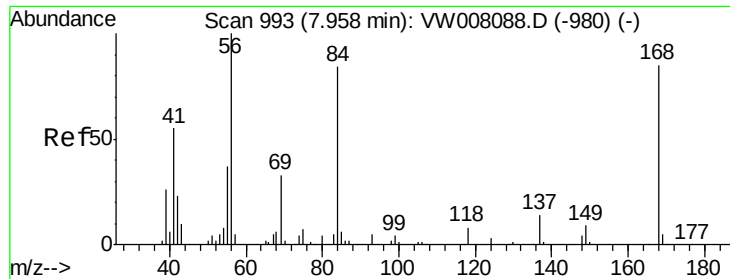
500

0

4.80 4.85 4.90 4.95 5.00

Time-->

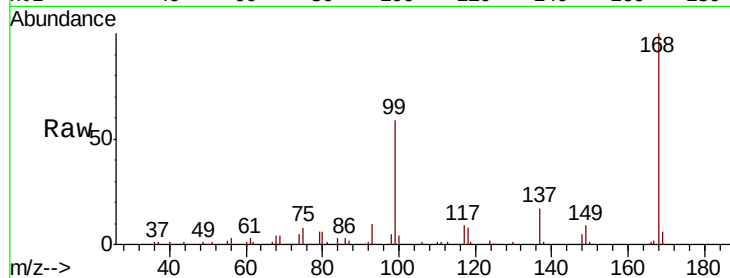




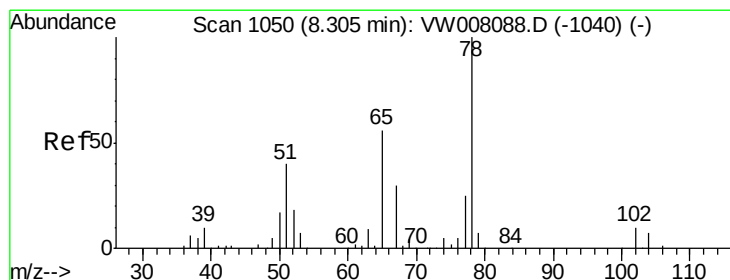
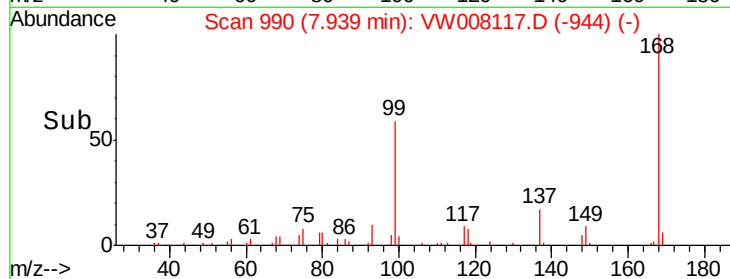
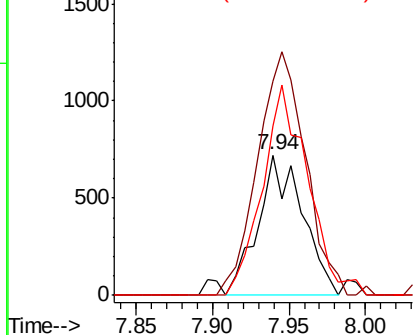
#31
Cyclohexane
Concen: 1.050 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.02 min
Lab File: VW008117.D
Acq: 09 Jan 2019 21:30

Instrument :
MSVOA_W
ClientSampleId :
BASIN-3

Tgt Ion: 56 Resp: 1519
Ion Ratio Lower Upper
56 100
69 152.1 26.2 39.4#
84 120.3 67.4 101.2#

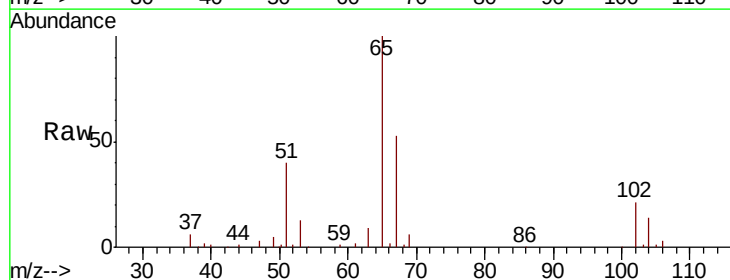


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

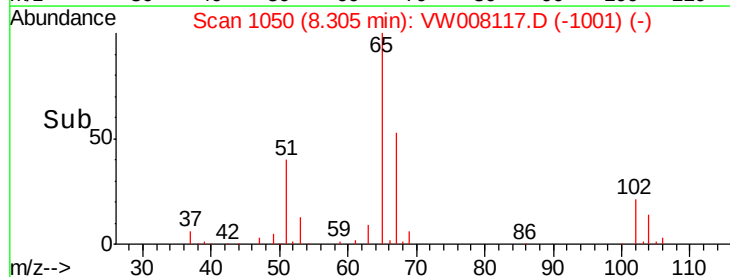
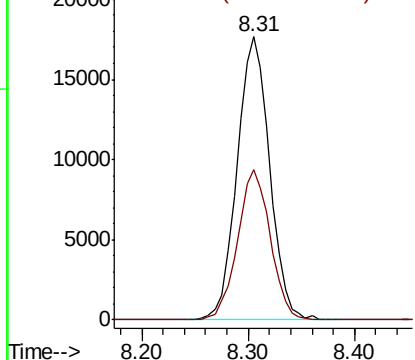


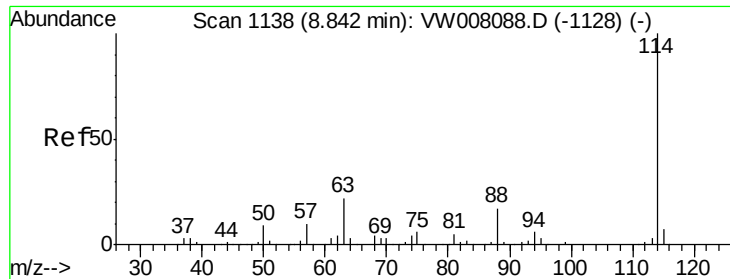
#33
1,2-Dichloroethane-d4
Concen: 55.187 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW008117.D
Acq: 09 Jan 2019 21:30

Tgt Ion: 65 Resp: 37933
Ion Ratio Lower Upper
65 100
67 53.5 0.0 106.8



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

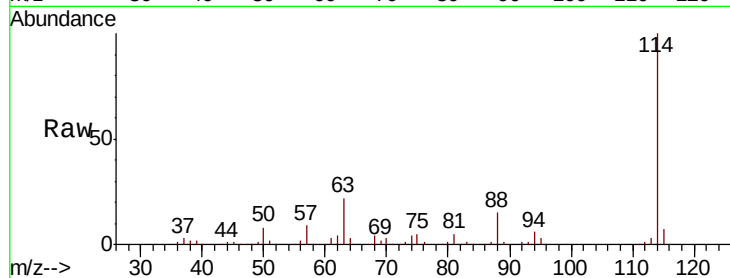




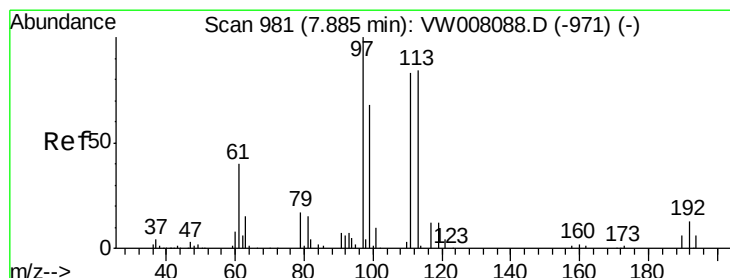
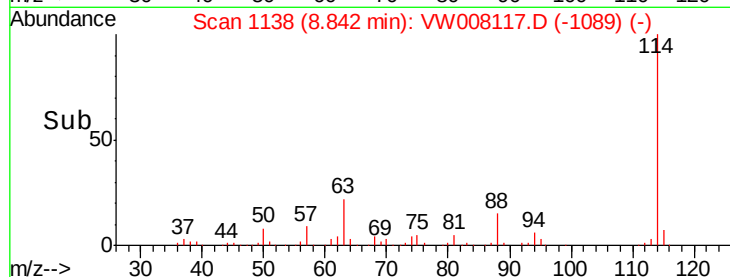
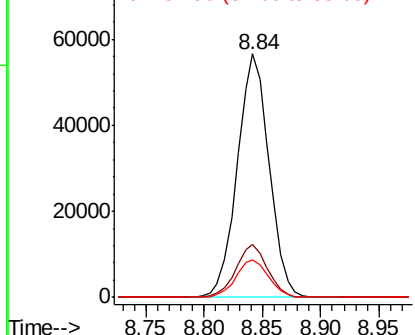
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW008117.D
Acq: 09 Jan 2019 21:30

Instrument :
MSVOA_W
ClientSampleId :
BASIN-3

Tgt Ion:114 Resp: 107574
Ion Ratio Lower Upper
114 100
63 21.6 0.0 43.4
88 15.3 0.0 33.4

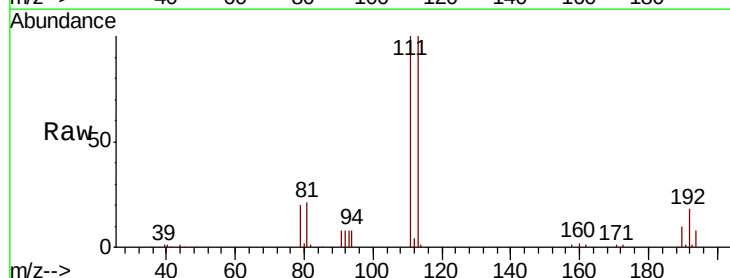


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

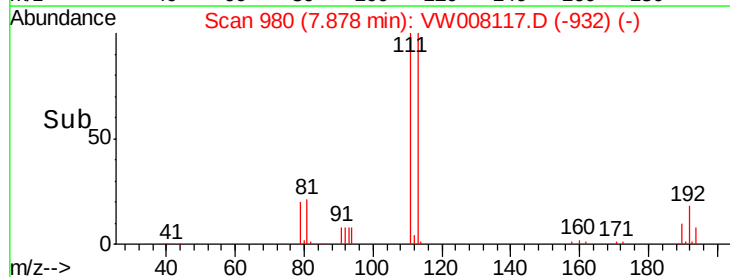
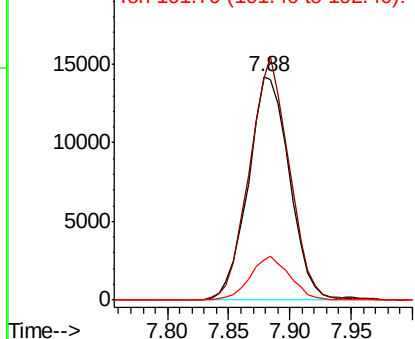


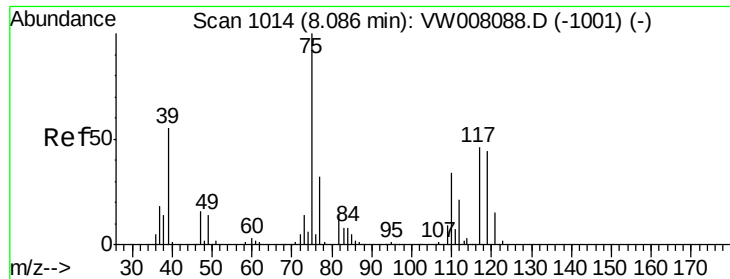
#35
Dibromofluoromethane
Concen: 53.209 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW008117.D
Acq: 09 Jan 2019 21:30

Tgt Ion:113 Resp: 33384
Ion Ratio Lower Upper
113 100
111 104.9 81.8 122.8
192 18.8 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

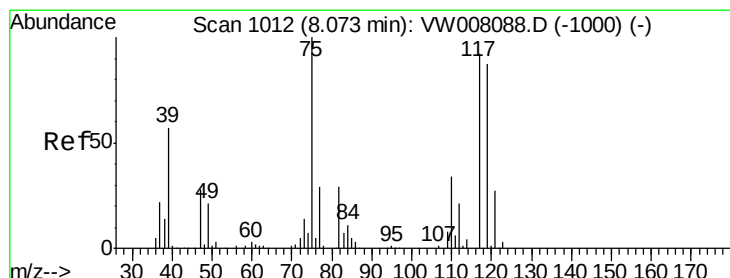
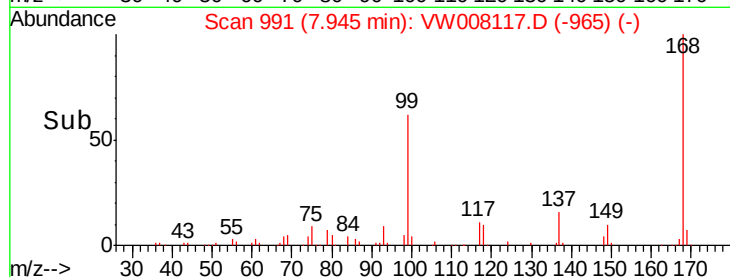
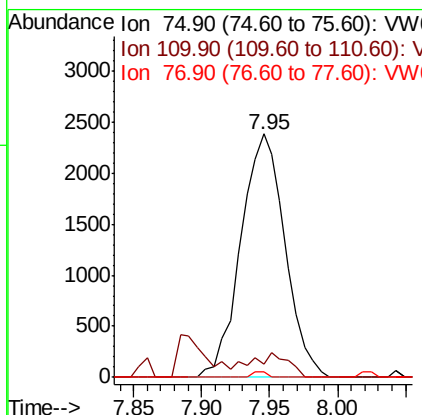
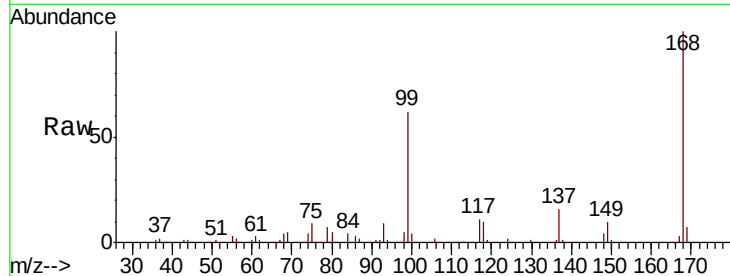




#36
 1,1-Dichloropropene
 Concen: 4.871 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW008117.D
 Acq: 09 Jan 2019 21:30

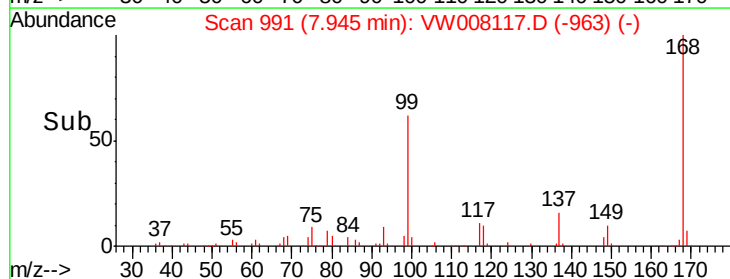
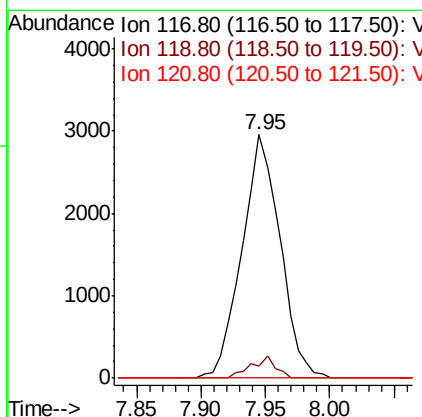
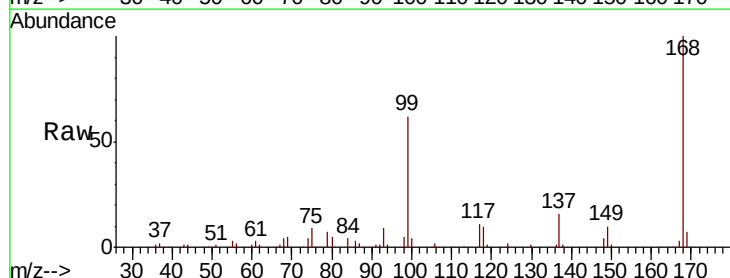
Instrument :
 MSVOA_W
 ClientSampleId :
 BASIN-3

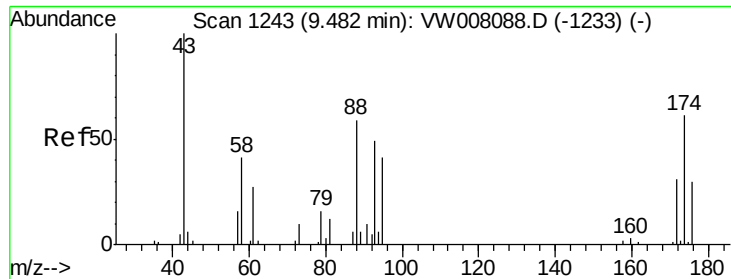
Tgt Ion: 75 Resp: 5398
 Ion Ratio Lower Upper
 75 100
 110 8.8 17.1 51.3#
 77 0.8 25.5 38.3#



#38
 Carbon Tetrachloride
 Concen: 5.987 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008117.D
 Acq: 09 Jan 2019 21:30

Tgt Ion: 117 Resp: 6072
 Ion Ratio Lower Upper
 117 100
 119 4.8 75.8 113.8#
 121 0.0 23.7 35.5#





#49

1,4-Dioxane

Concen: 3.228 ug/l

RT: 9.29 min Scan# 1212

Delta R.T. -0.19 min

Lab File: VW008117.D

Acq: 09 Jan 2019 21:30

Instrument :

MSVOA_W

ClientSampleId :

BASIN-3

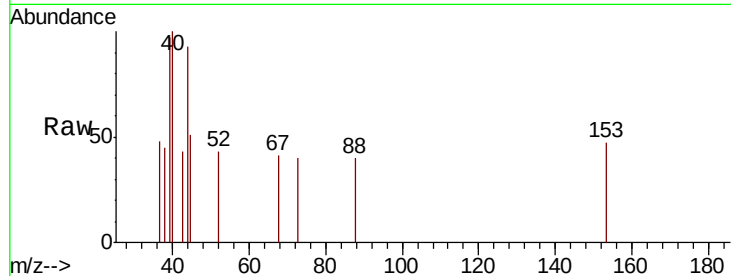
Tgt Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

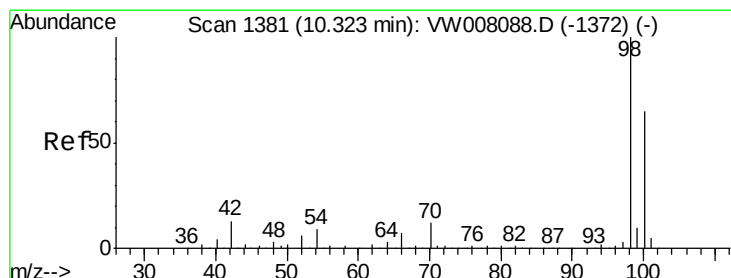
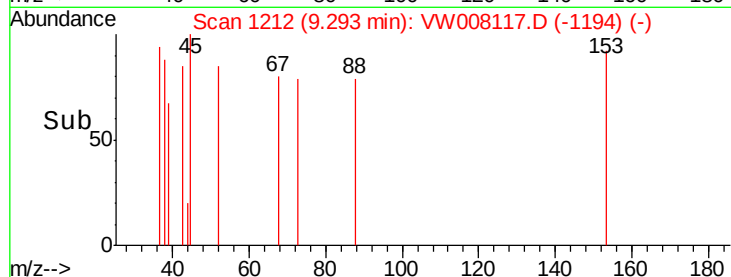
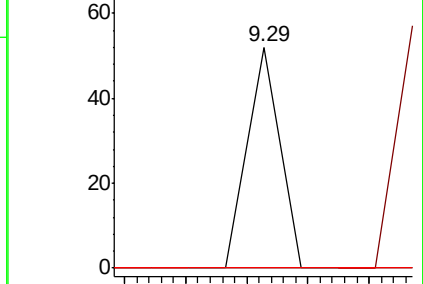
58 0.0 61.7 92.5#



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: 51.432 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008117.D

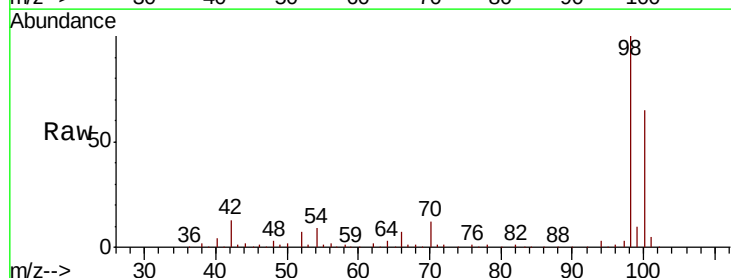
Acq: 09 Jan 2019 21:30

Tgt Ion: 98 Resp: 135414

Ion Ratio Lower Upper

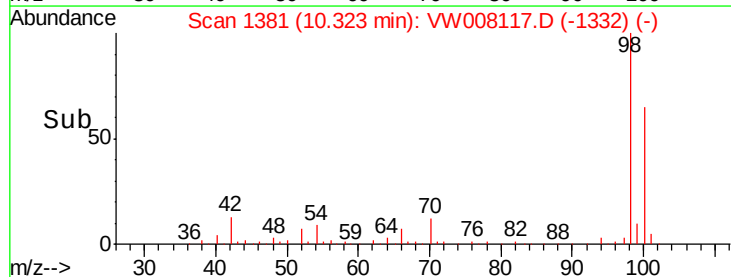
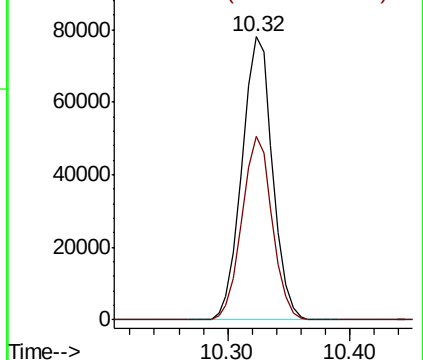
98 100

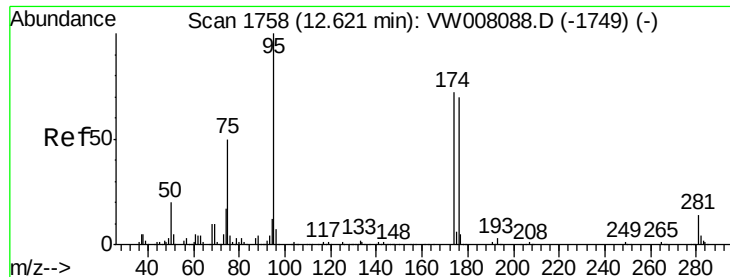
100 64.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

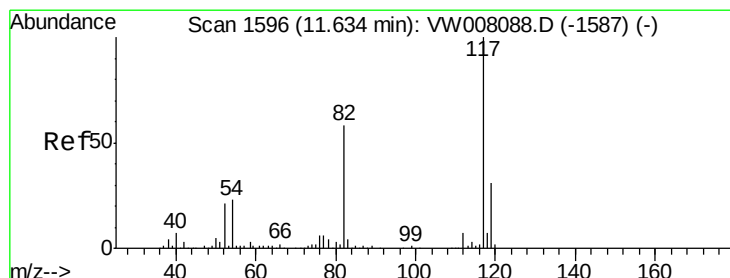
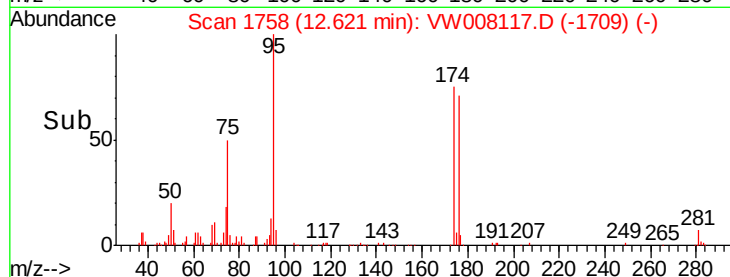
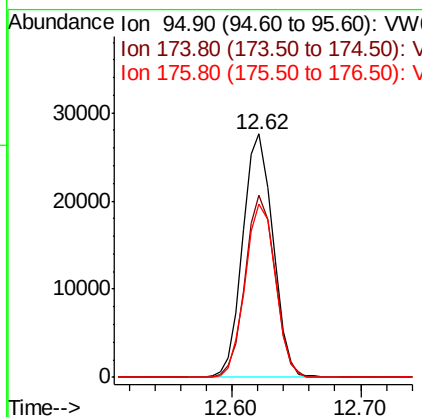
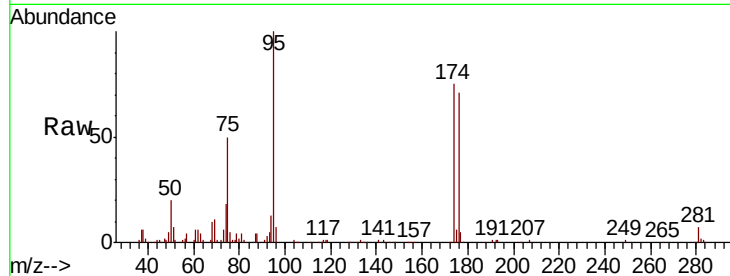




#62
4-Bromofluorobenzene
Concen: 47.483 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008117.D
Acq: 09 Jan 2019 21:30

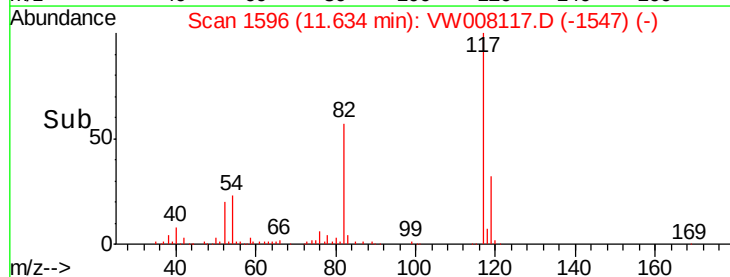
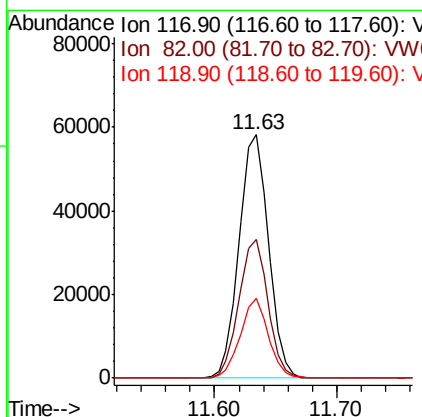
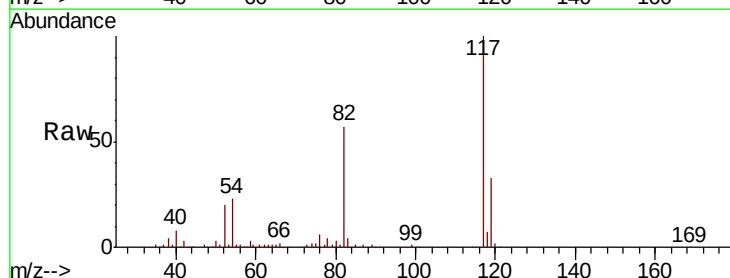
Instrument :
MSVOA_W
ClientSampled :
BASIN-3

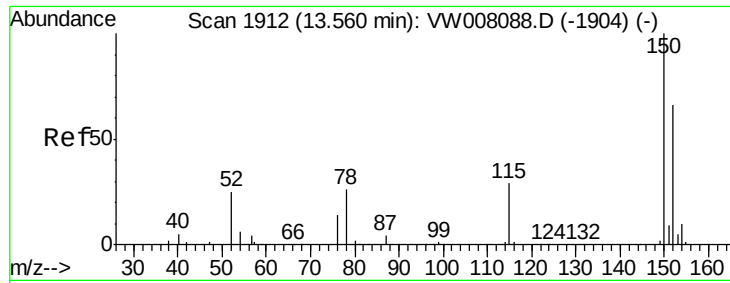
Tgt Ion: 95 Resp: 44818
Ion Ratio Lower Upper
95 100
174 73.5 0.0 143.0
176 71.1 0.0 140.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008117.D
Acq: 09 Jan 2019 21:30

Tgt Ion: 117 Resp: 97368
Ion Ratio Lower Upper
117 100
82 56.9 46.4 69.6
119 32.5 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: VW008117.D

Acq: 09 Jan 2019 21:30

Instrument :

MSVOA_W

ClientSampleId :

BASIN-3

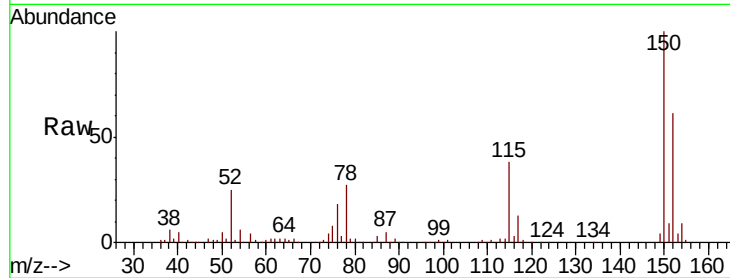
Tgt Ion:152 Resp: 42781

Ion Ratio Lower Upper

152 100

115 61.8 30.8 92.4

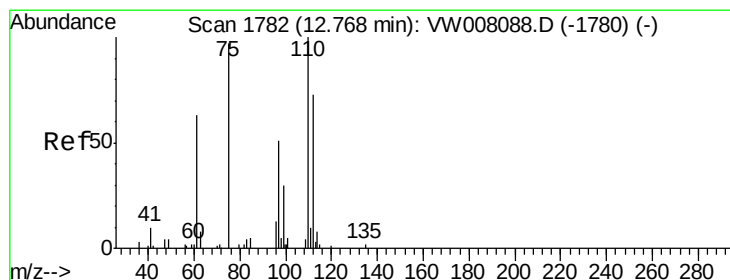
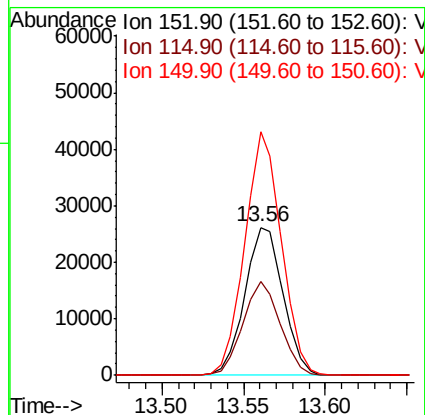
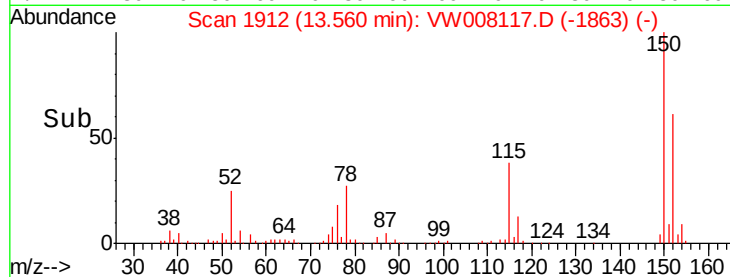
150 156.9 0.0 350.2



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: 58.326 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008117.D

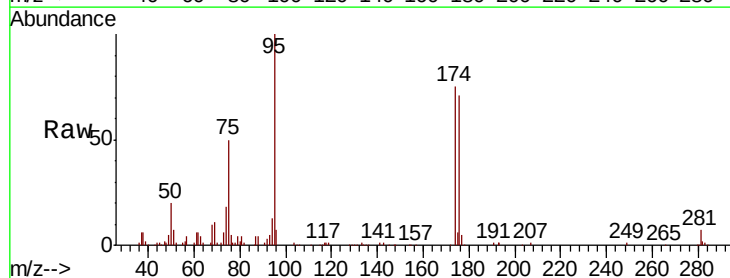
Acq: 09 Jan 2019 21:30

Tgt Ion: 75 Resp: 22747

Ion Ratio Lower Upper

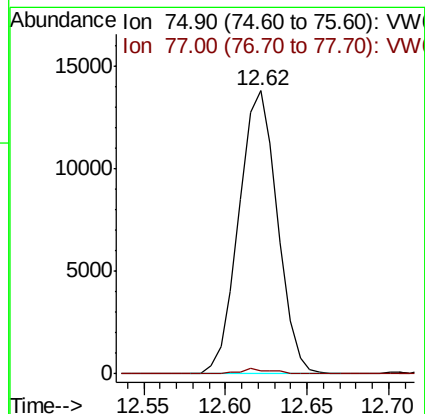
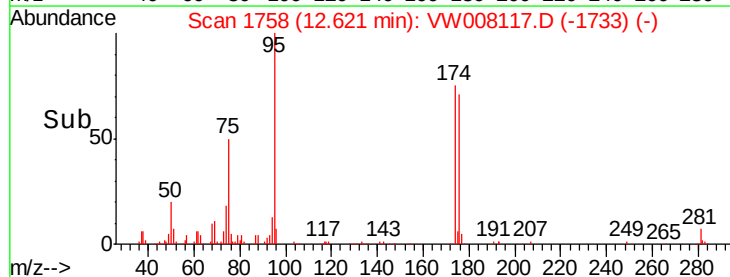
75 100

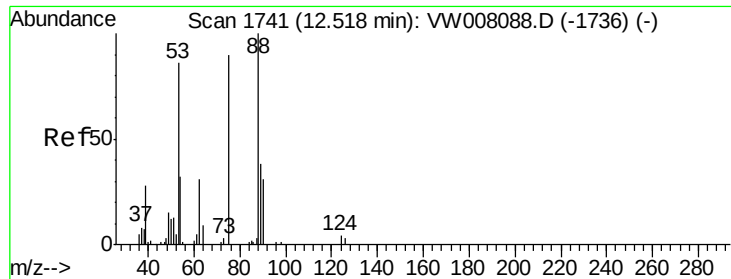
77 1.5 179.4 538.2#



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: 135.824 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW008117.D

Acq: 09 Jan 2019 21:30

Instrument :

MSVOA_W

ClientSampleId :

BASIN-3

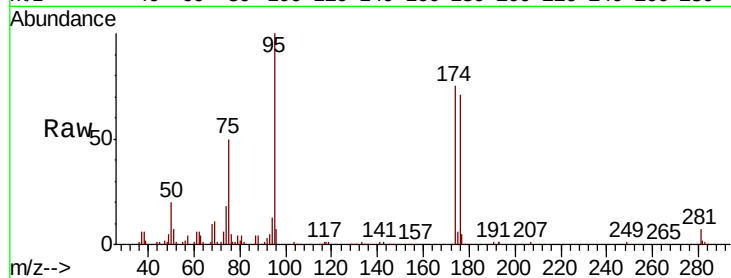
Tgt Ion: 75 Resp: 22747

Ion Ratio Lower Upper

75 100

53 0.0 78.8 118.2#

89 0.0 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

