

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112818\
 Data File : VW007124.D
 Acq On : 28 Nov 2018 19:47
 Operator : VAY/AP
 Sample : J5767-19
 Misc : 6.09G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-02-112818-B

Quant Time: Nov 29 05:46:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

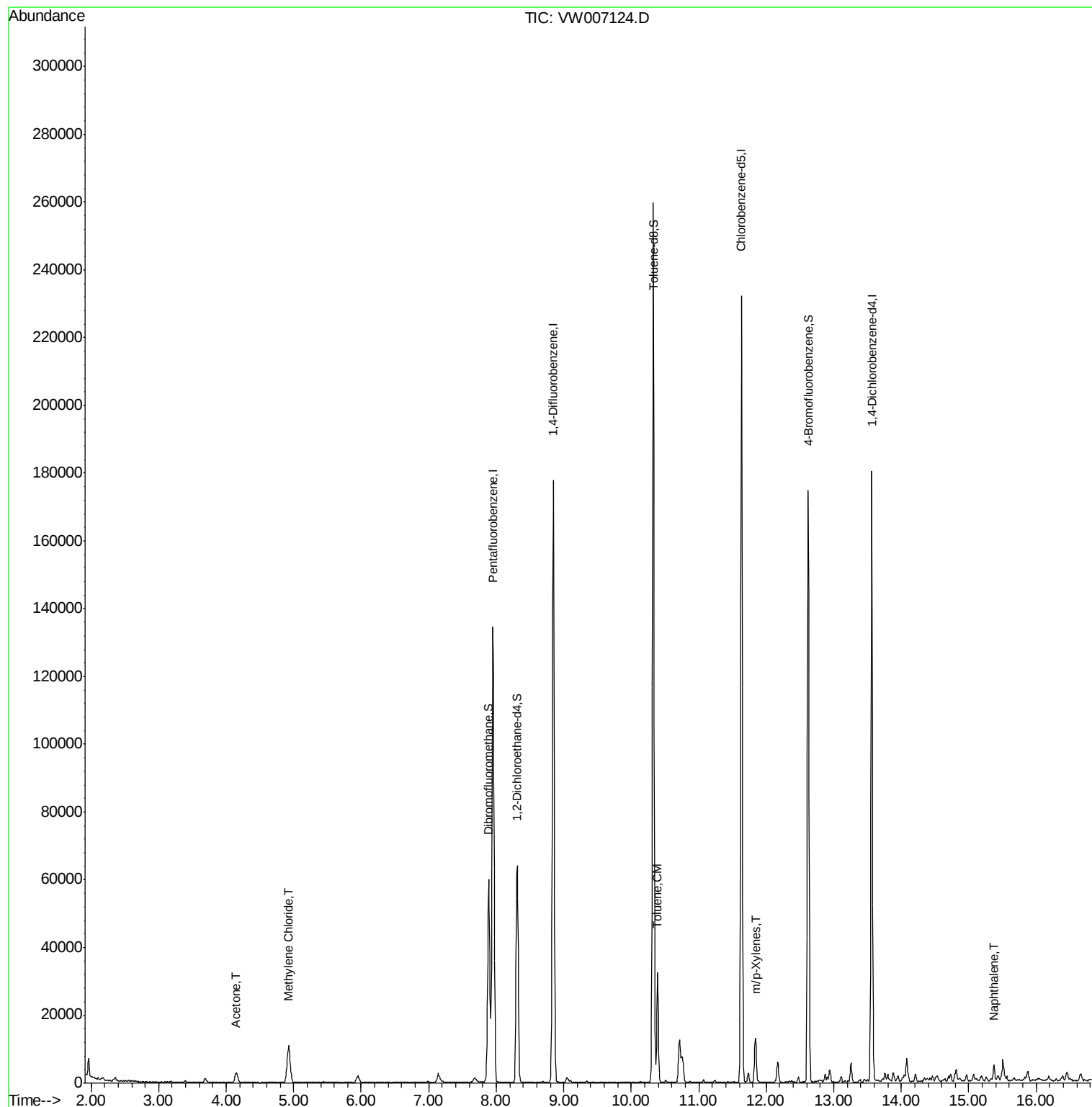
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	98805	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	152297	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	131561	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	46863	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	51997	53.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.50%	
35) Dibromofluoromethane	7.89	113	43956	51.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.22%	
50) Toluene-d8	10.32	98	176174	46.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.78%	
62) 4-Bromofluorobenzene	12.62	95	57957	38.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.56%	
Target Compounds						
16) Acetone	4.15	43	5737	40.849	ug/l #	84
20) Methylene Chloride	4.92	84	9072	3.033	ug/l	97
52) Toluene	10.39	92	14284	5.225	ug/l	100
68) m/p-Xylenes	11.84	106	4273	2.159	ug/l	99
95) Naphthalene	15.38	128	4389	2.620	ug/l	98

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

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Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007124.D

Acq: 28 Nov 2018 19:47

Instrument :

MSVOA_W

ClientSampleId :

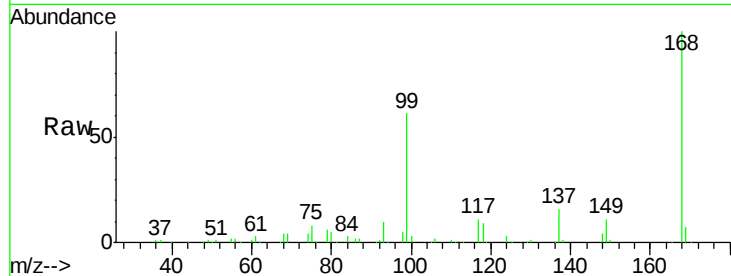
CL-02-112818-B

Tot Ion:168 Resp: 98805

Ion Ratio Lower Upper

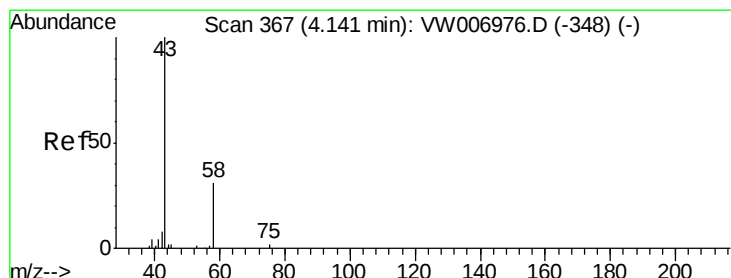
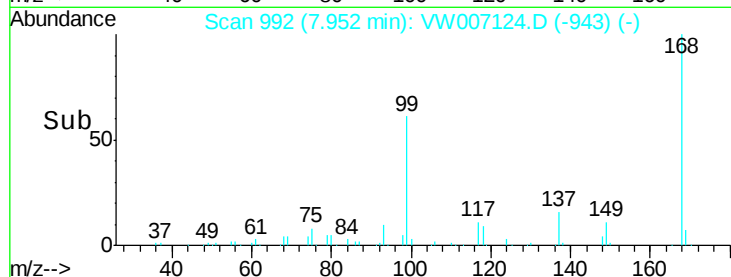
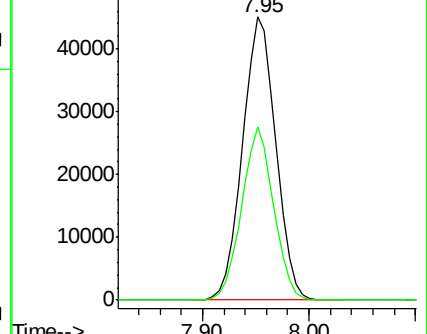
168 100

99 61.2 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 40.849 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW007124.D

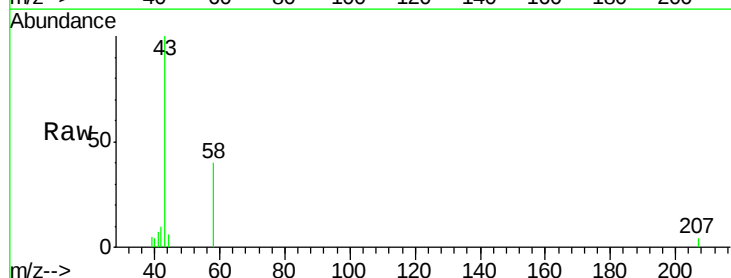
Acq: 28 Nov 2018 19:47

Tgt Ion: 43 Resp: 5737

Ion Ratio Lower Upper

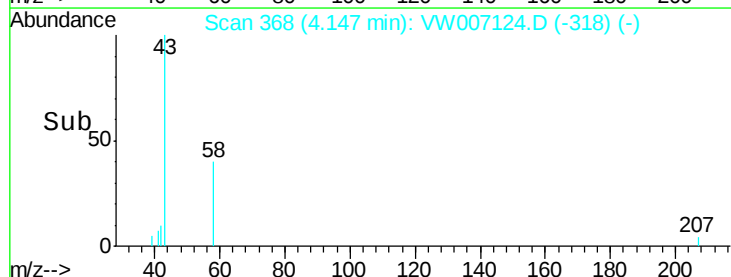
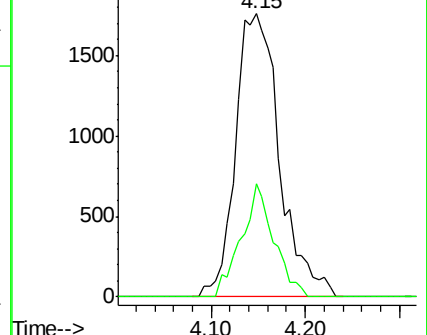
43 100

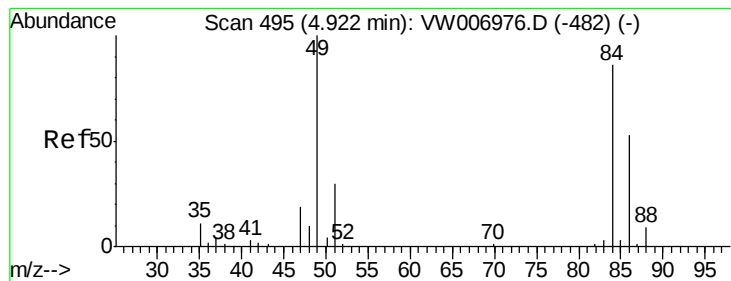
58 40.0 24.8 37.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 3.033 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW007124.D

Acq: 28 Nov 2018 19:47

Instrument :

MSVOA_W

ClientSampleId :

CL-02-112818-B

Tot Ion: 84 Resp: 9072

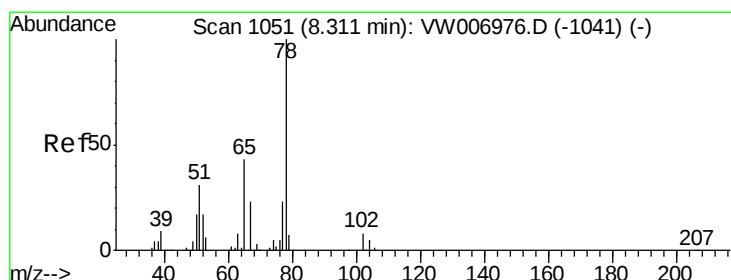
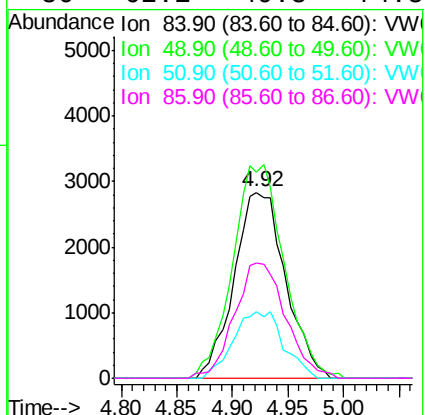
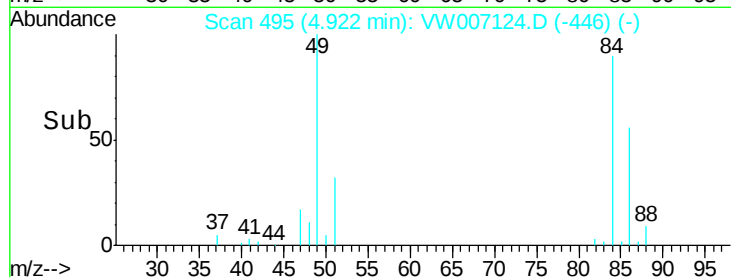
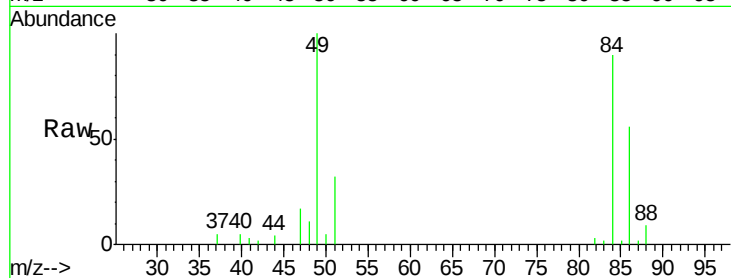
Ion Ratio Lower Upper

84 100

49 111.2 93.4 140.0

51 36.0 28.4 42.6

86 62.1 49.8 74.8



#33

1,2-Dichloroethane-d4

Concen: 53.754 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW007124.D

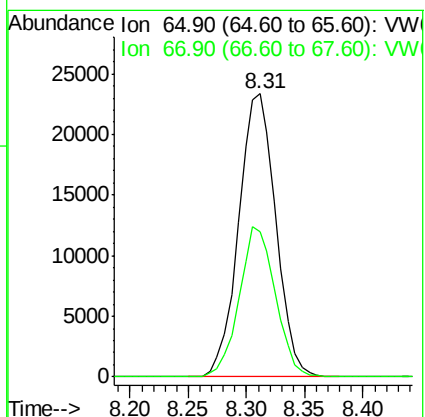
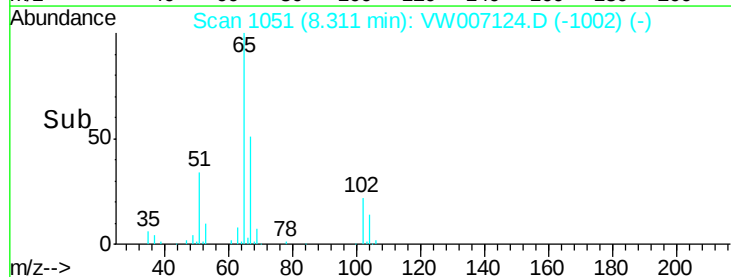
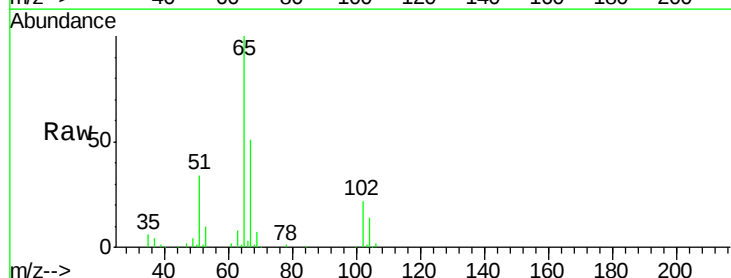
Acq: 28 Nov 2018 19:47

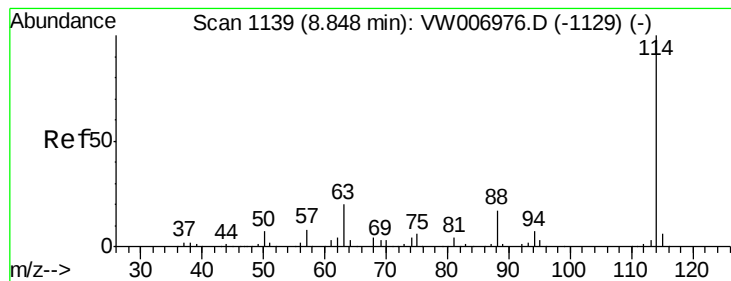
Tgt Ion: 65 Resp: 51997

Ion Ratio Lower Upper

65 100

67 51.7 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW007124.D

Acq: 28 Nov 2018 19:47

Instrument :

MSVOA_W

ClientSampleId :

CL-02-112818-B

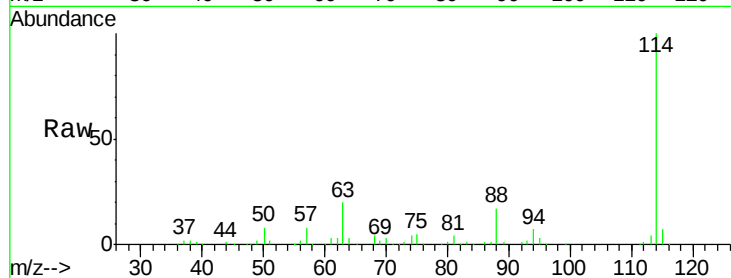
Tot Ion:114 Resp: 152297

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.4

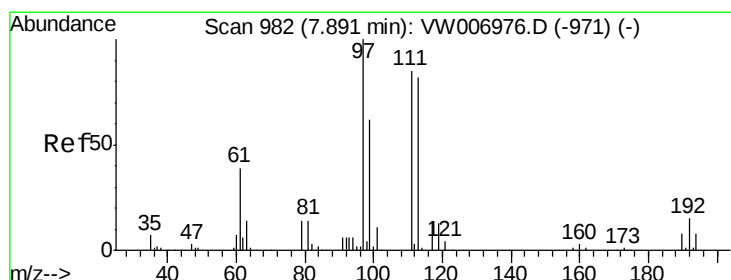
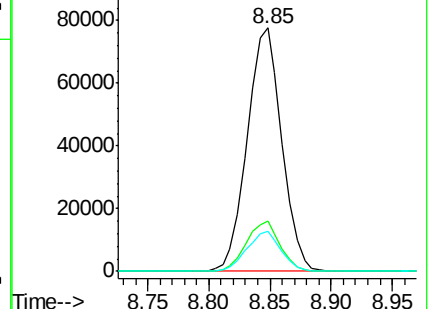
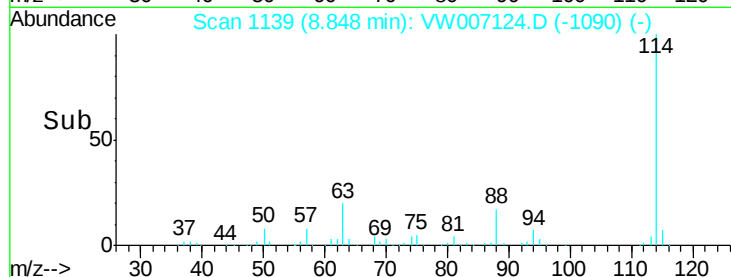
88 16.7 0.0 34.2



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: 51.108 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW007124.D

Acq: 28 Nov 2018 19:47

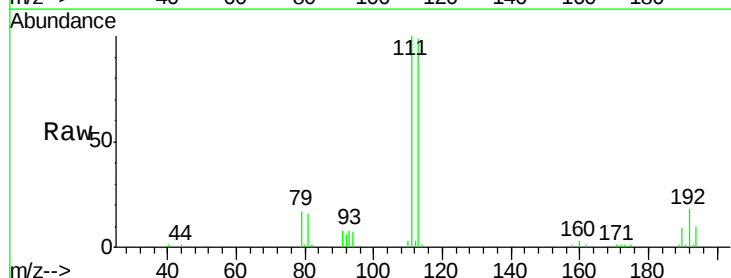
Tgt Ion:113 Resp: 43956

Ion Ratio Lower Upper

113 100

111 100.7 81.0 121.6

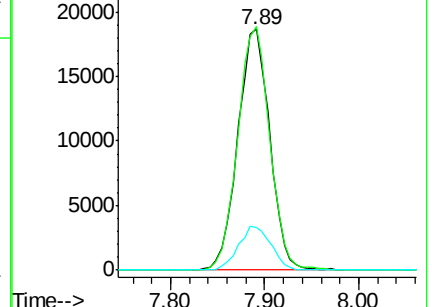
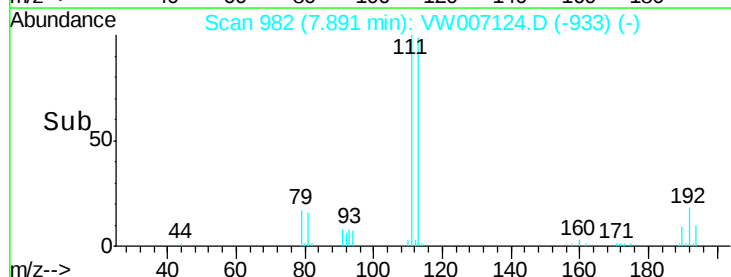
192 18.5 15.0 22.6

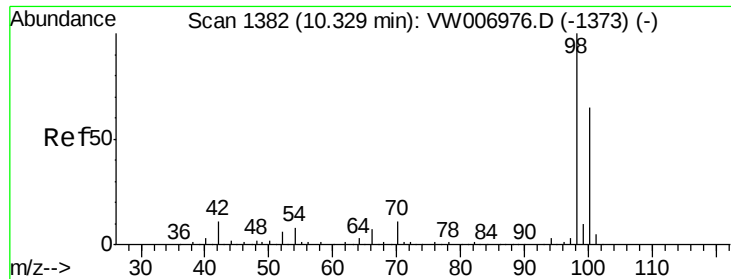


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

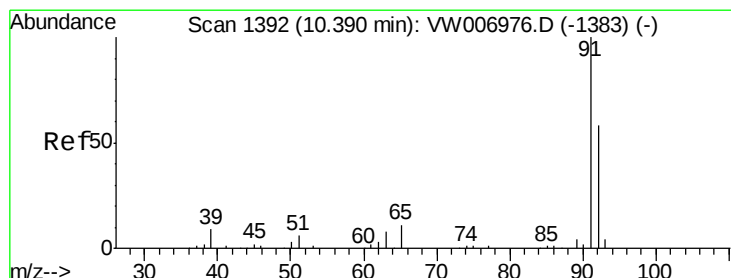
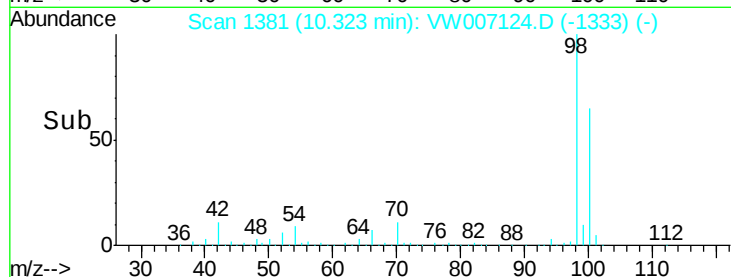
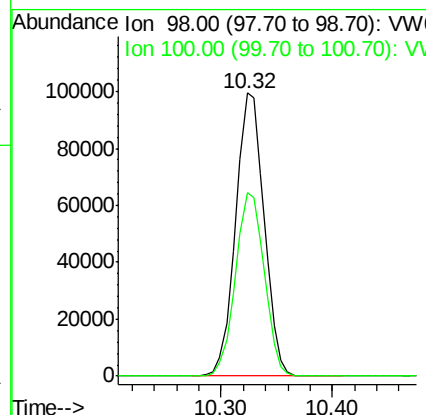
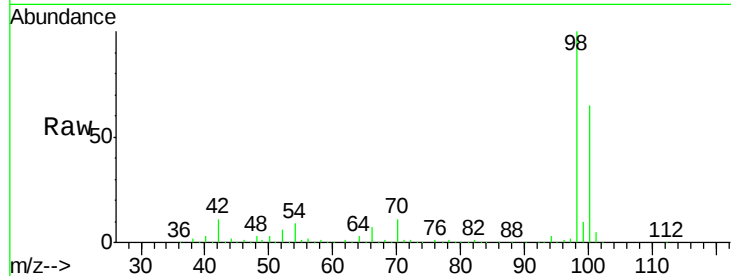




#50
Toluene-d8
Concen: 46.387 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW007124.D
Acq: 28 Nov 2018 19:47

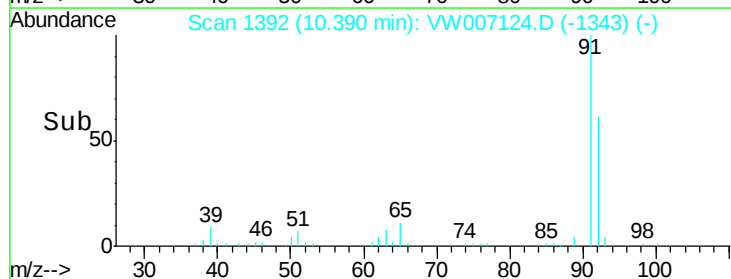
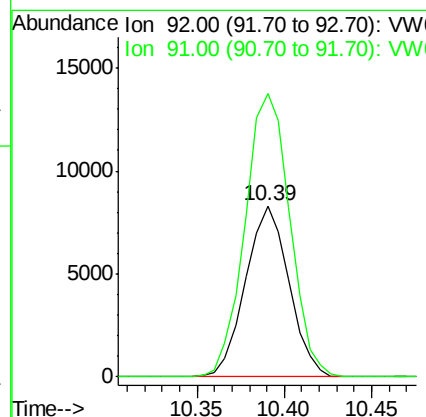
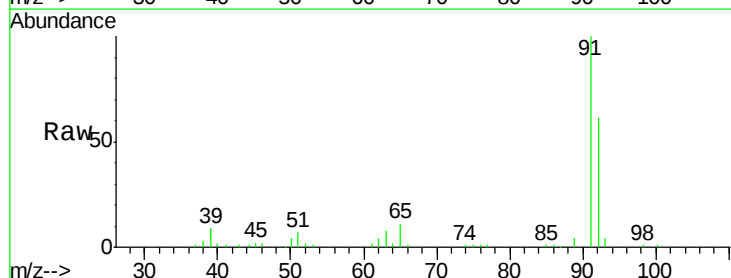
Instrument :
MSVOA_W
ClientSampleId :
CL-02-112818-B

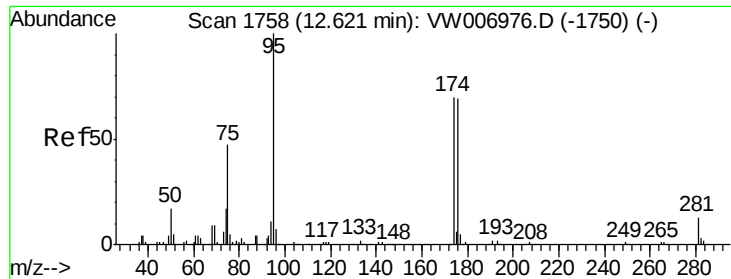
Tot Ion: 98 Resp: 176174
Ion Ratio Lower Upper
98 100
100 65.7 52.2 78.2



#52
Toluene
Concen: 5.225 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW007124.D
Acq: 28 Nov 2018 19:47

Tgt Ion: 92 Resp: 14284
Ion Ratio Lower Upper
92 100
91 171.1 137.3 205.9

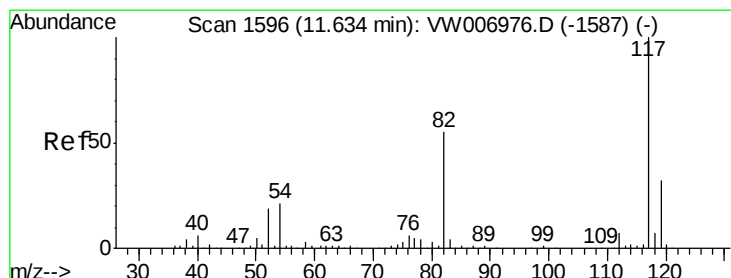
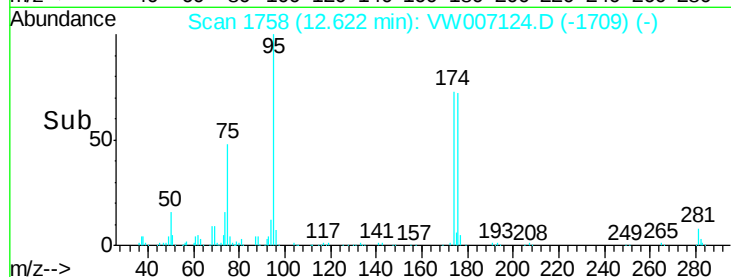
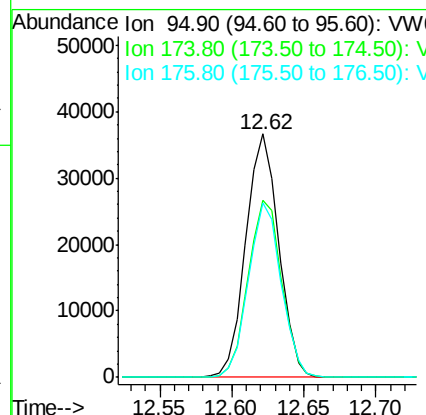
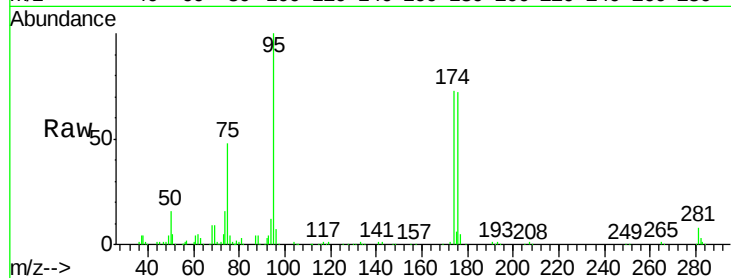




#62
4-Bromofluorobenzene
Concen: 38.779 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW007124.D
Acq: 28 Nov 2018 19:47

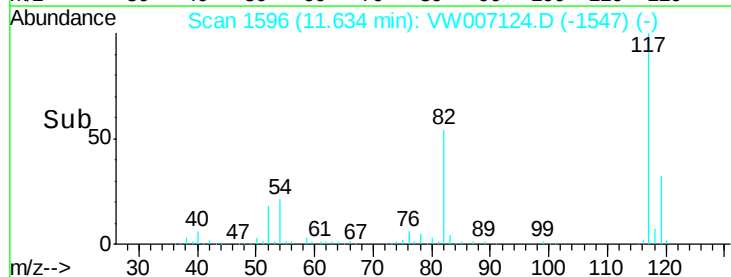
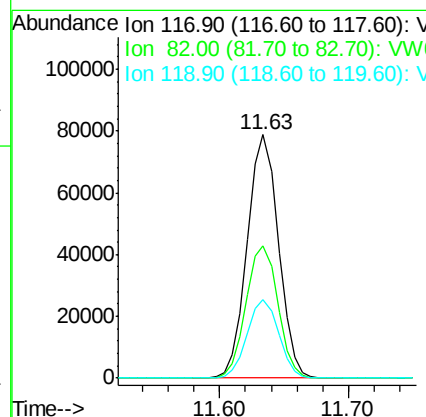
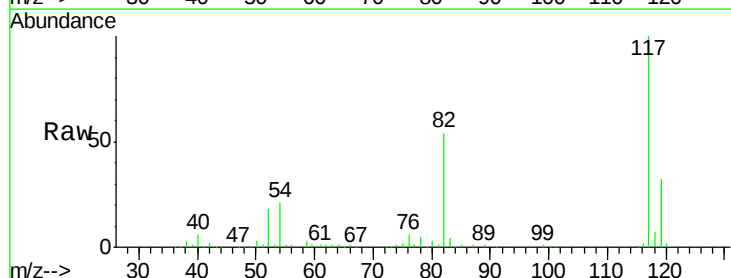
Instrument :
MSVOA_W
ClientSampleId :
CL-02-112818-B

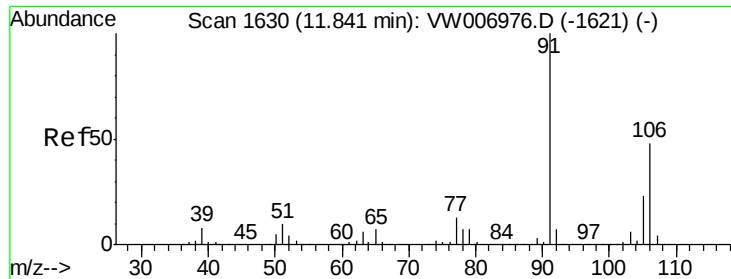
Tot Ion	95	Resp	57957
Ion Ratio	100	Lower	Upper
174	73.5	0.0	143.6
176	71.2	0.0	140.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007124.D
Acq: 28 Nov 2018 19:47

Tgt Ion	117	Resp	131561
Ion Ratio	100	Lower	Upper
82	54.1	44.2	66.2
119	32.1	25.9	38.9

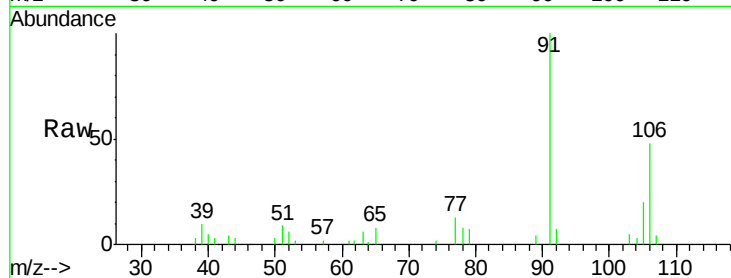




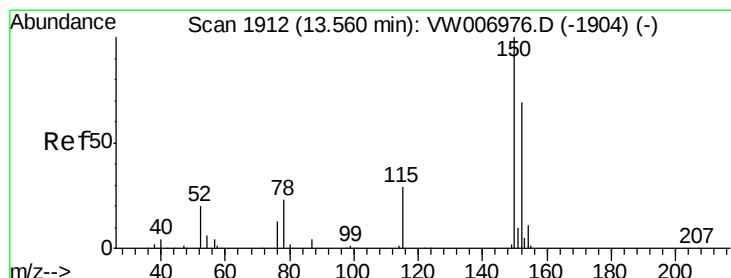
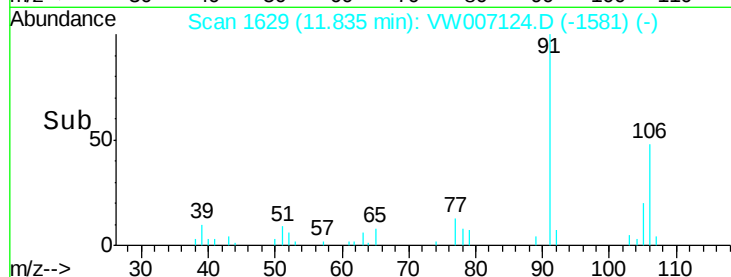
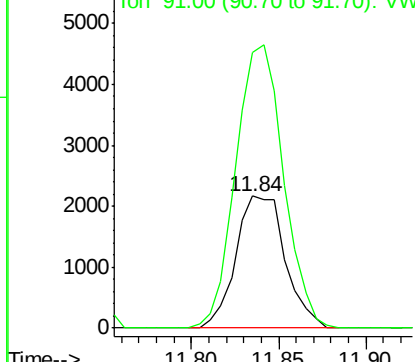
#68
m/p-Xvlenes
Concen: 2.159 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW007124.D
Acq: 28 Nov 2018 19:47

Instrument :
MSVOA_W
ClientSampleId :
CL-02-112818-B

Tot Ion:106 Resp: 4273
Ion Ratio Lower Upper
106 100
91 207.7 164.8 247.2

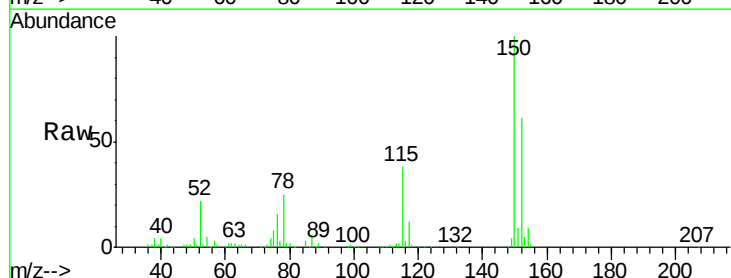


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

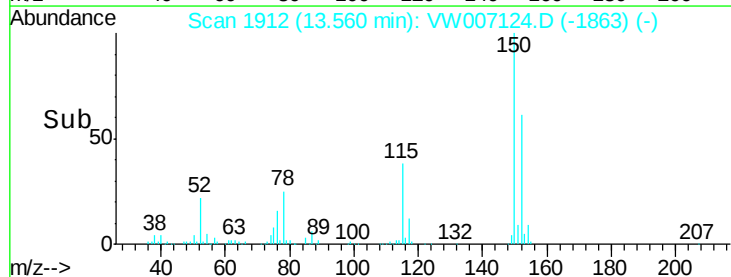
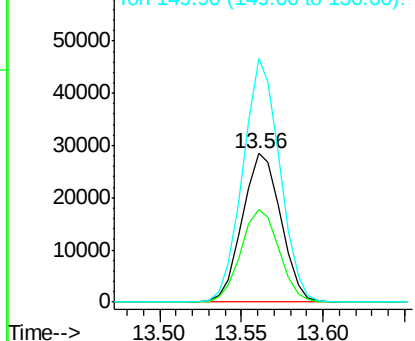


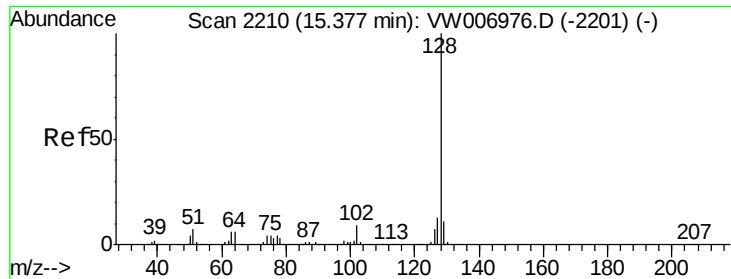
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW007124.D
Acq: 28 Nov 2018 19:47

Tgt Ion:152 Resp: 46863
Ion Ratio Lower Upper
152 100
115 62.2 31.4 94.2
150 157.1 0.0 353.4



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

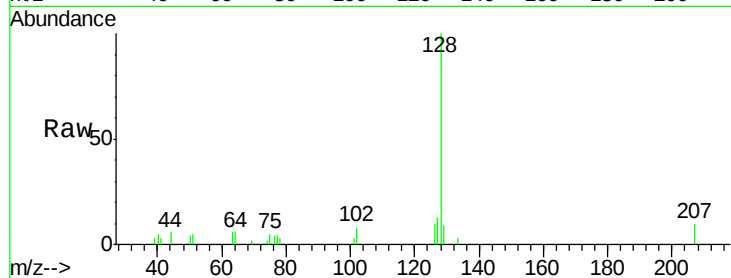




#95
Naphthalene
Concen: 2.620 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW007124.D
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Tot Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.5	15.7
129	10.0	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

