

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082819\
 Data File : VW012273.D
 Acq On : 29 Aug 2019 01:10
 Operator : SY/VA
 Sample : K4543-06
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2-D2

Quant Time: Aug 29 07:18:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

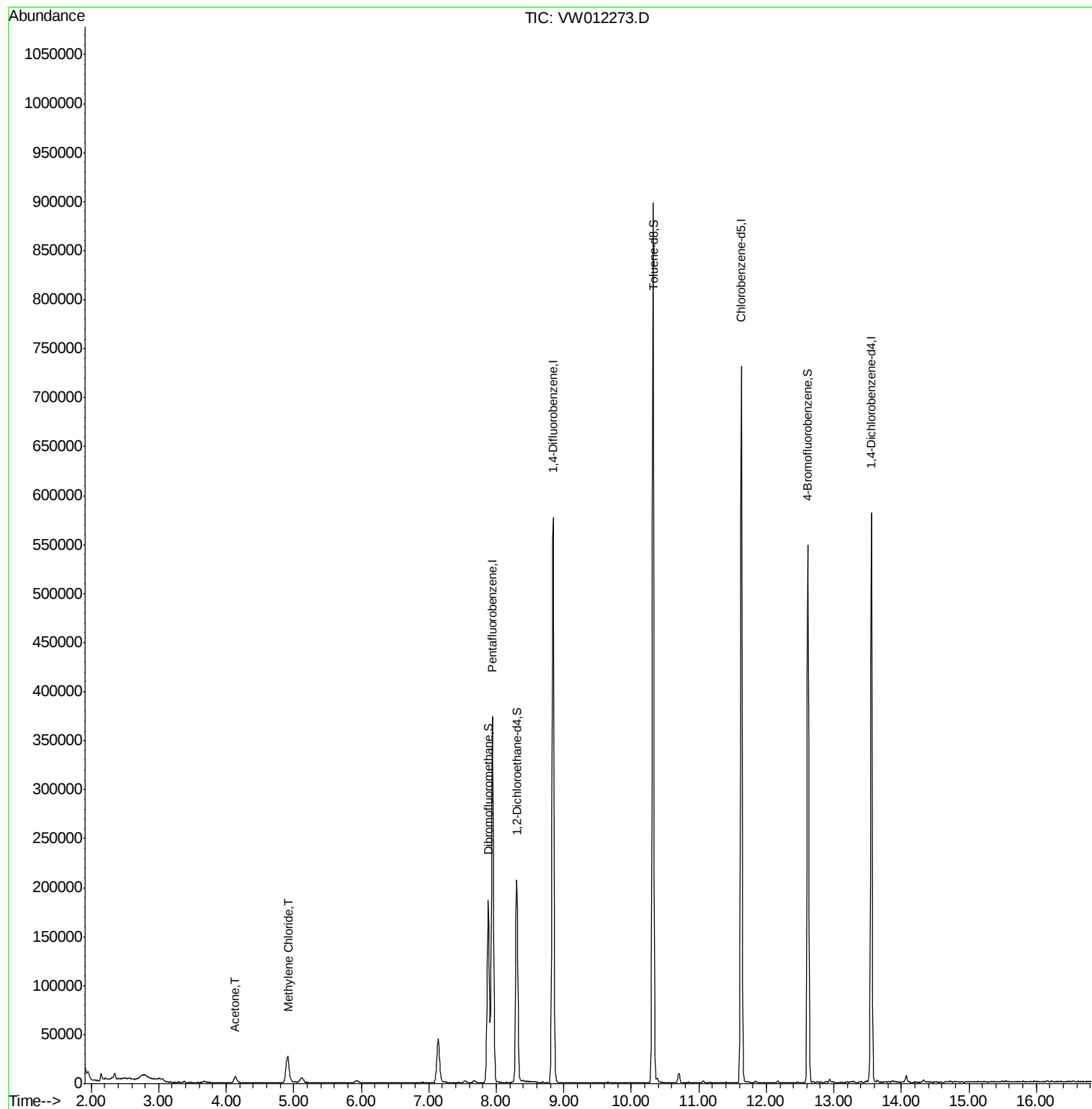
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	271638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	455030	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	385529	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	147402	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	167602	51.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.80%	
35) Dibromofluoromethane	7.88	113	135451	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
50) Toluene-d8	10.32	98	564660	51.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.54%	
62) 4-Bromofluorobenzene	12.62	95	177971	45.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.68%	
Target Compounds						
16) Acetone	4.14	43	12798	15.505	ug/l	93
20) Methylene Chloride	4.91	84	19096	6.120	ug/l	99

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

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Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 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: VW012273.D

Acq: 29 Aug 2019 01:10

Instrument :

MSVOA_W

ClientSampleId :

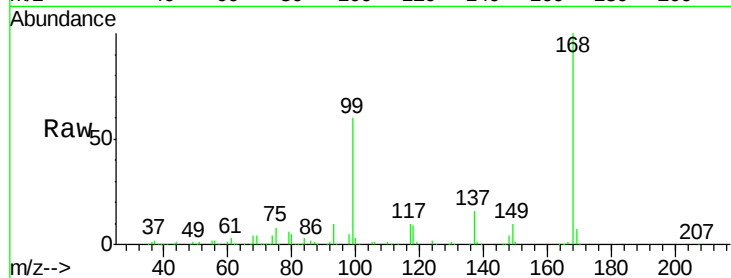
TP-2-D2

Tot Ion:168 Resp: 271638

Ion Ratio Lower Upper

168 100

99 59.9 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

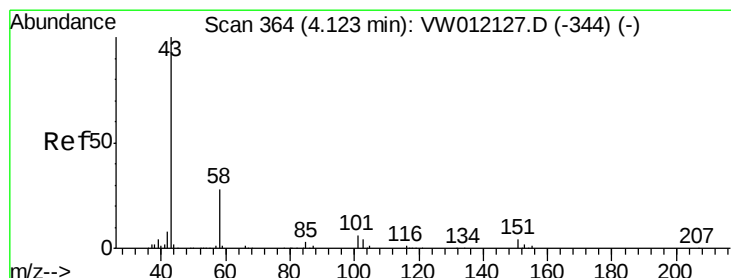
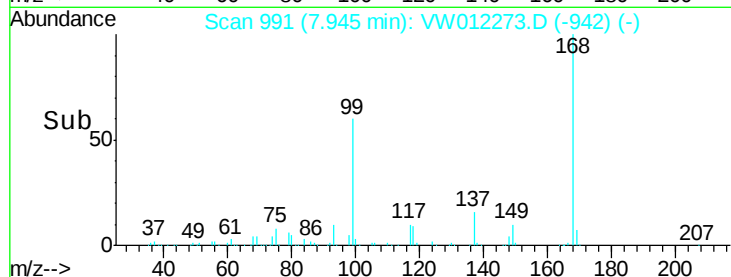
100000

50000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 15.505 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW012273.D

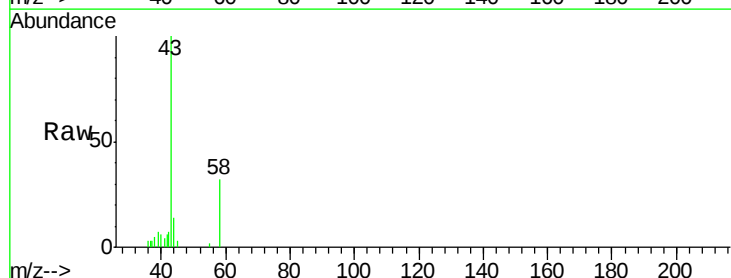
Acq: 29 Aug 2019 01:10

Tgt Ion: 43 Resp: 12798

Ion Ratio Lower Upper

43 100

58 31.9 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

4000

3000

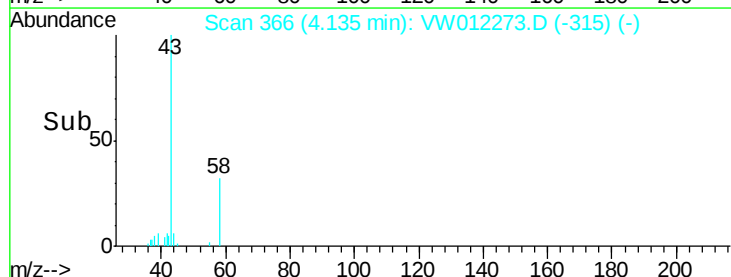
2000

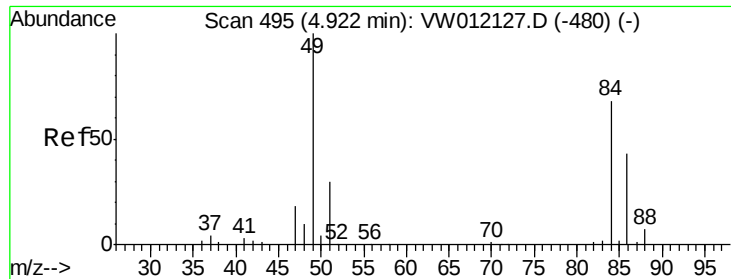
1000

0

4.00 4.10 4.20

Time-->

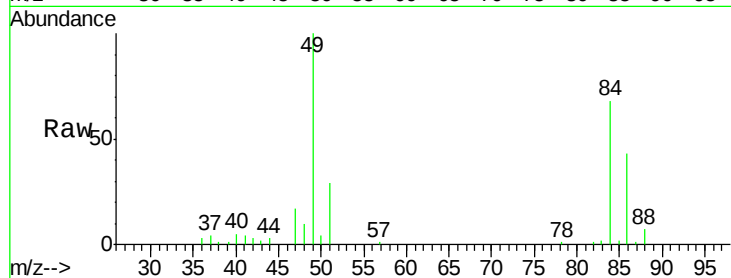




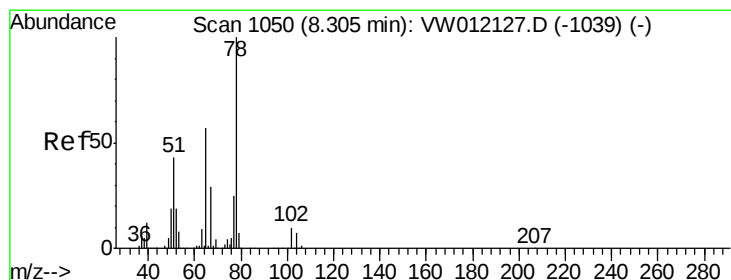
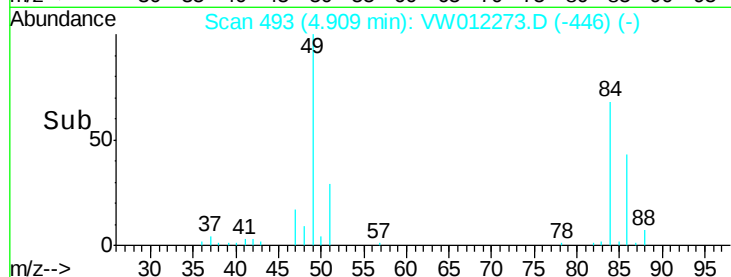
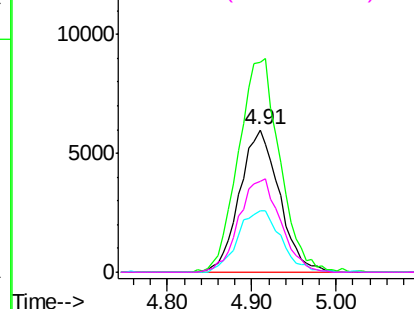
#20
Methylene Chloride
Concen: 6.120 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012273.D
Acq: 29 Aug 2019 01:10

Instrument :
MSVOA_W
ClientSampleId :
TP-2-D2

Tot Ion: 84 Resp: 19096
Ion Ratio Lower Upper
84 100
49 147.8 117.8 176.8
51 43.1 35.6 53.4
86 64.2 51.2 76.8

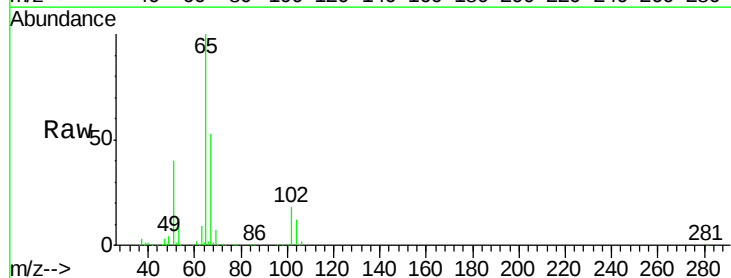


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

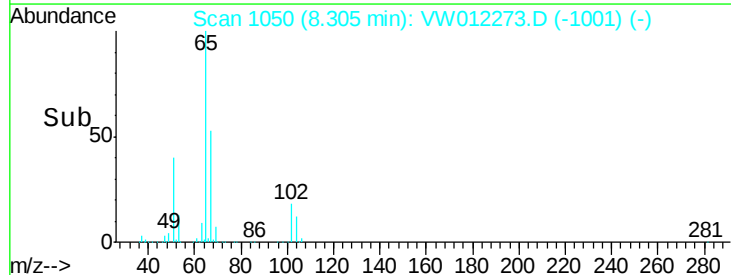
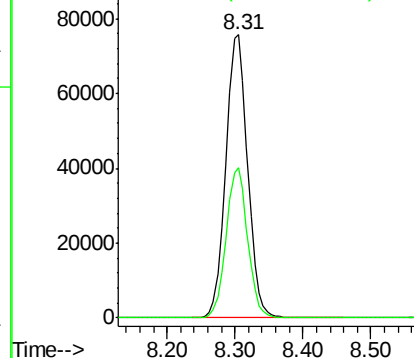


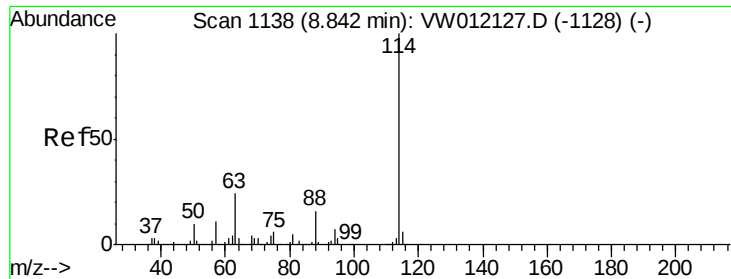
#33
1,2-Dichloroethane-d4
Concen: 51.903 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012273.D
Acq: 29 Aug 2019 01:10

Tgt Ion: 65 Resp: 167602
Ion Ratio Lower Upper
65 100
67 52.2 0.0 102.6



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

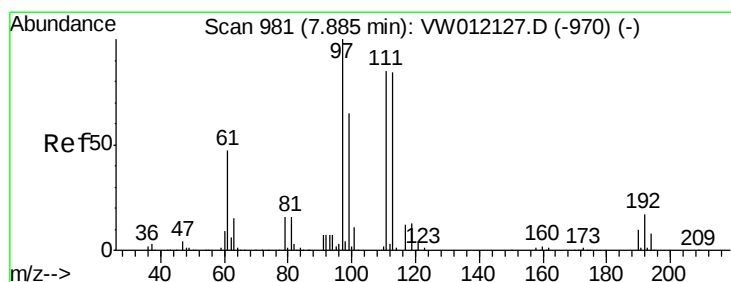
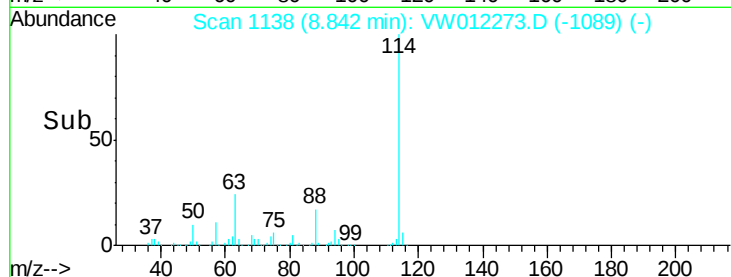
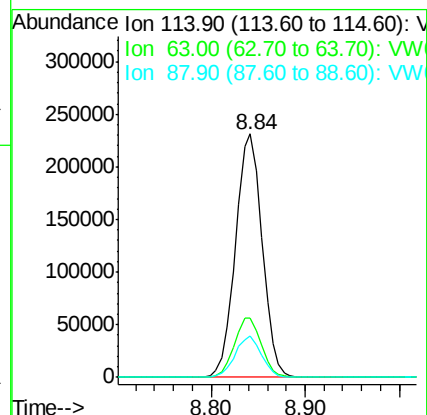
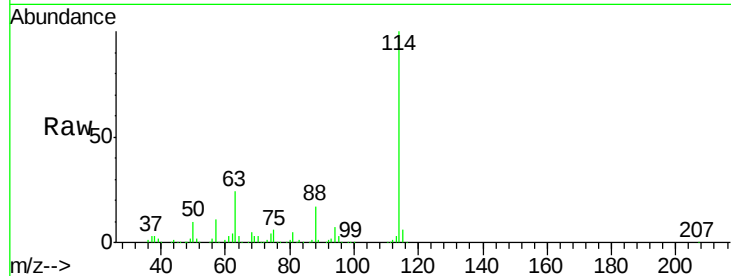




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012273.D
 Acq: 29 Aug 2019 01:10

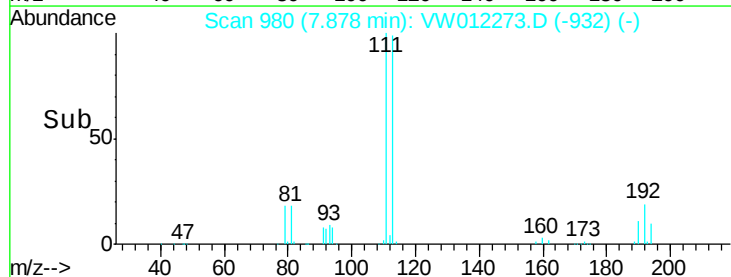
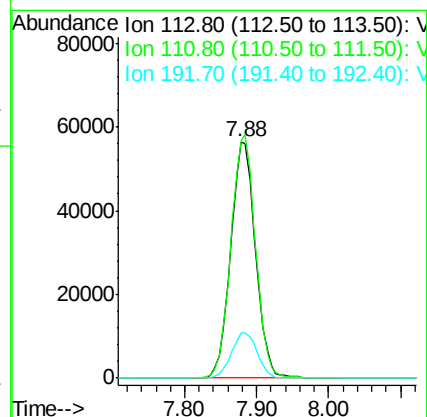
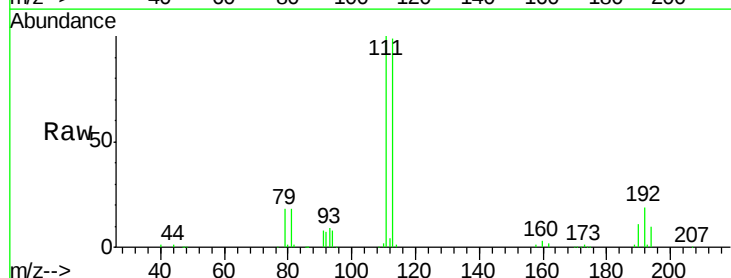
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2-D2

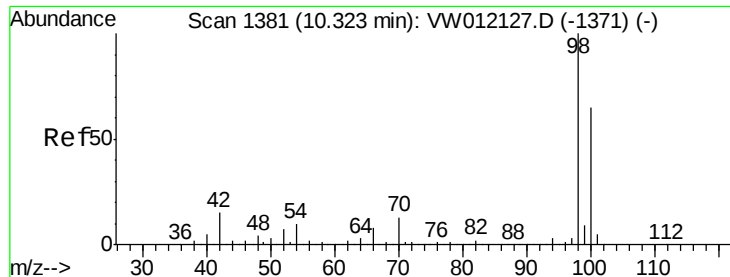
Tot Ion	Ratio	Lower	Upper
114	100		
63	24.3	0.0	48.6
88	17.0	0.0	32.2



#35
 Dibromofluoromethane
 Concen: 49.870 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012273.D
 Acq: 29 Aug 2019 01:10

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.7	124.1
192	20.0	16.2	24.2





#50

Toluene-d8

Concen: 51.272 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012273.D

Acq: 29 Aug 2019 01:10

Instrument :

MSVOA_W

ClientSampleId :

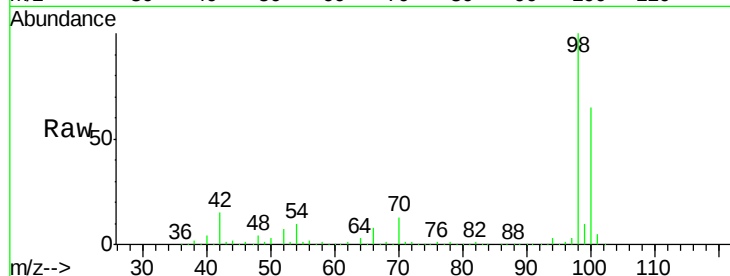
TP-2-D2

Tot Ion: 98 Resp: 564660

Ion Ratio Lower Upper

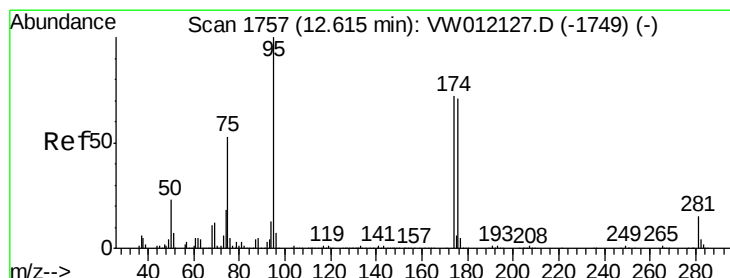
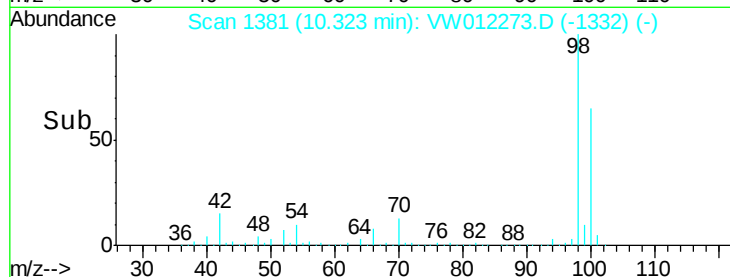
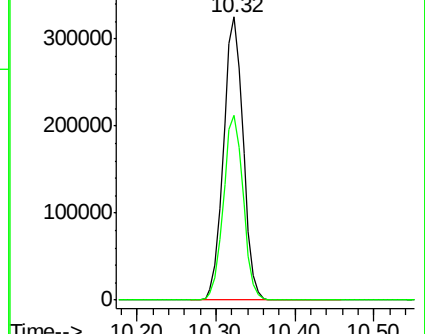
98 100

100 65.4 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 45.845 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012273.D

Acq: 29 Aug 2019 01:10

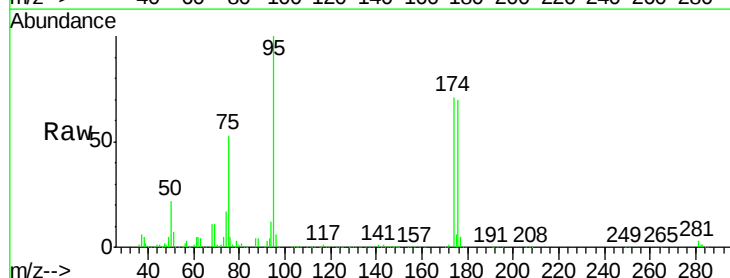
Tgt Ion: 95 Resp: 177971

Ion Ratio Lower Upper

95 100

174 76.0 0.0 150.8

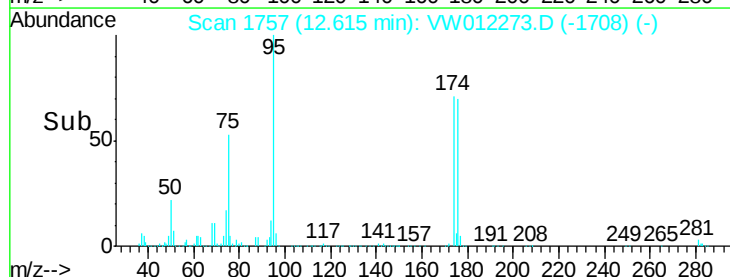
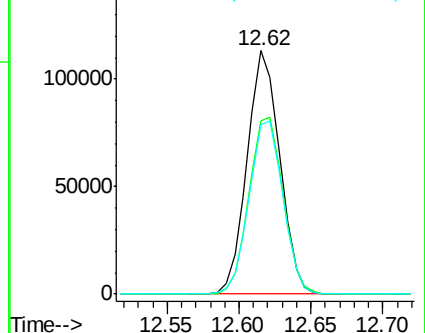
176 73.8 0.0 148.6

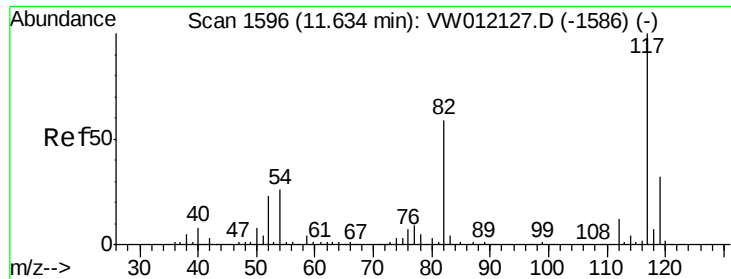


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

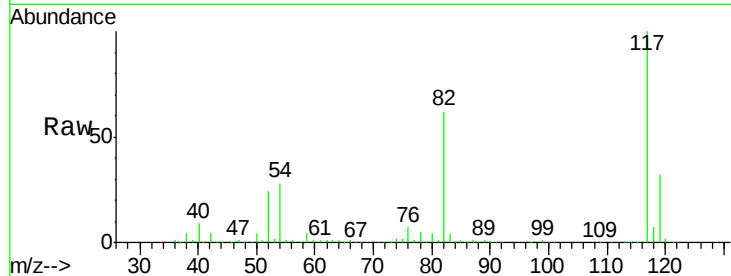




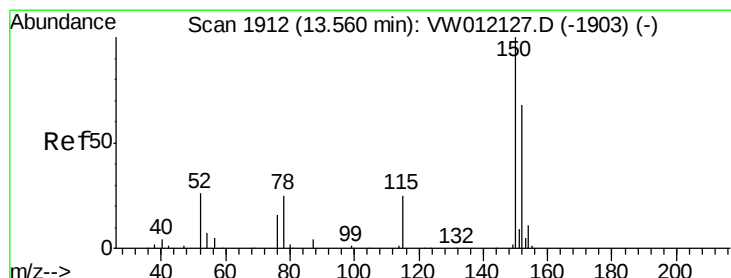
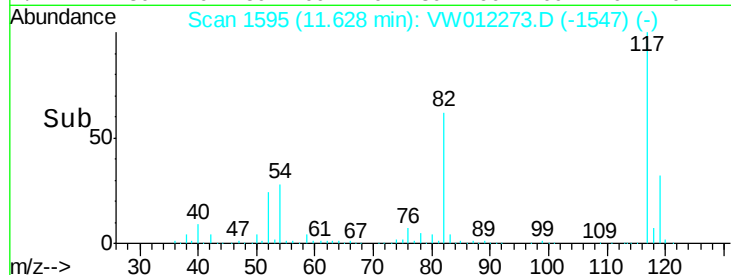
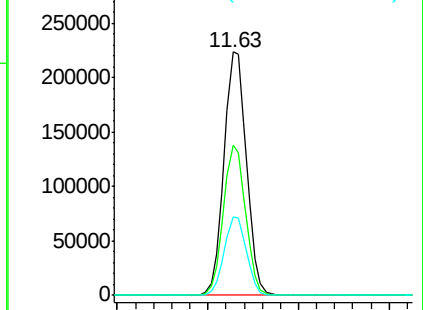
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012273.D
Acq: 29 Aug 2019 01:10

Instrument :
MSVOA_W
ClientSampleId :
TP-2-D2

Tot Ion:117 Resp: 385529
Ion Ratio Lower Upper
117 100
82 61.5 47.4 71.2
119 32.5 25.4 38.2

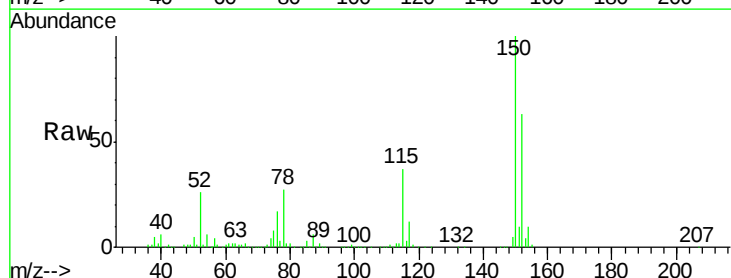


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012273.D
Acq: 29 Aug 2019 01:10

Tgt Ion:152 Resp: 147402
Ion Ratio Lower Upper
152 100
115 60.9 30.1 90.3
150 157.8 0.0 345.8



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

