

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
 Data File : VW007073.D
 Acq On : 27 Nov 2018 04:19
 Operator : VAY/AP
 Sample : J5996-14
 Misc : 6.37G/5ML/MSVOA_W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 AOC1-05-B

Quant Time: Nov 27 07:49:57 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

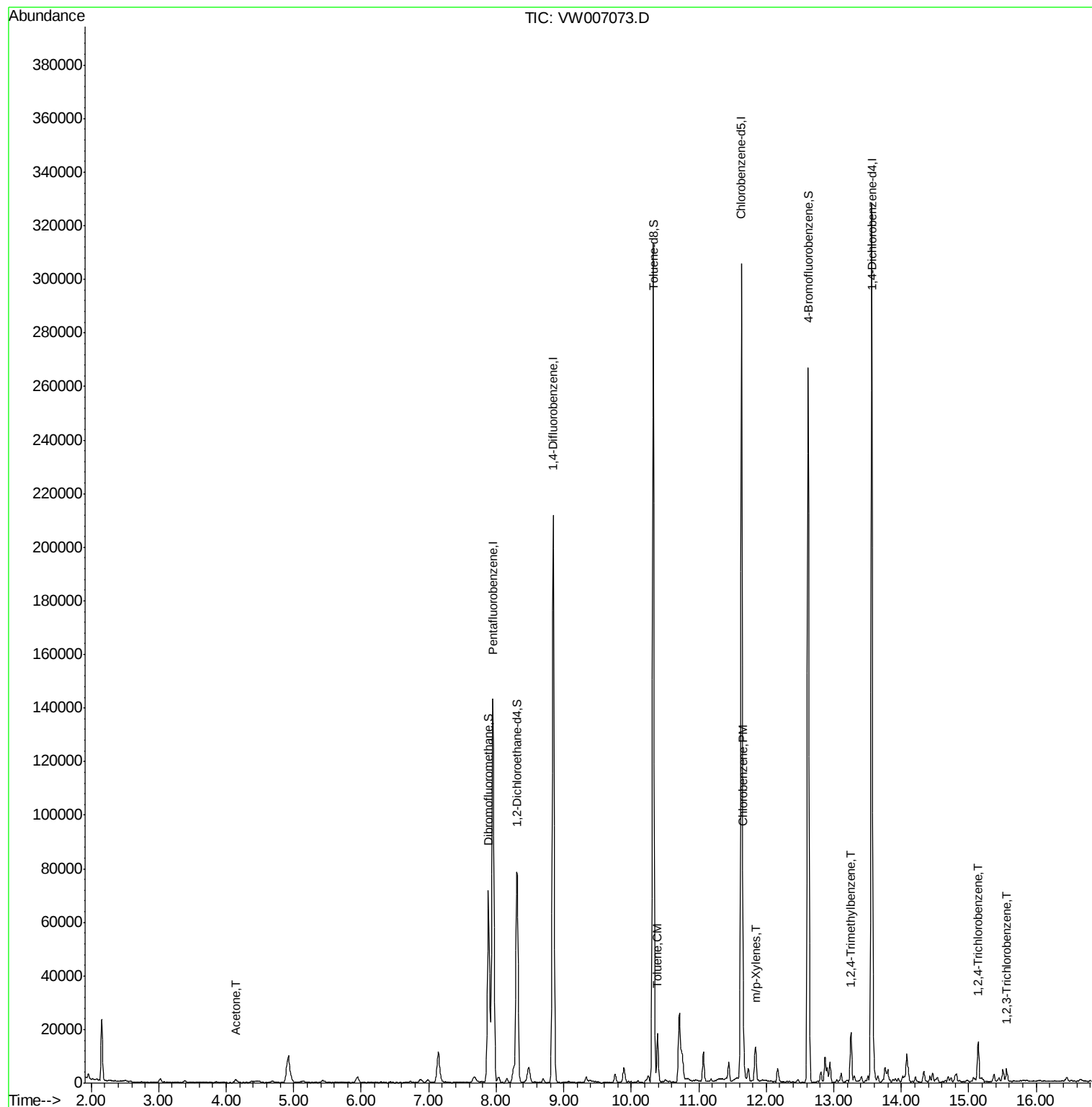
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	107519	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	182143	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	170935	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	86528	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	64835	61.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.18%	
35) Dibromofluoromethane	7.88	113	52493	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.06%	
50) Toluene-d8	10.32	98	215389	47.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.84%	
62) 4-Bromofluorobenzene	12.62	95	85880	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.10%	
Target Compounds						
16) Acetone	4.15	43	2273	14.87	ug/l	Qvalue # 83
52) Toluene	10.39	92	7924	2.42	ug/l	99
65) Chlorobenzene	11.66	112	7891	2.21	ug/l	94
68) m/p-Xylenes	11.84	106	4314	1.68	ug/l	94
84) 1,2,4-Trimethylbenzene	13.26	105	10637	1.84	ug/l	98
93) 1,2,4-Trichlorobenzene	15.14	180	4655	2.73	ug/l	97
96) 1,2,3-Trichlorobenzene	15.56	180	1605	1.14	ug/l	92

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 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: VW007073.D

Acq: 27 Nov 2018 04:19

Instrument :

MSVOA_W

ClientSampleId :

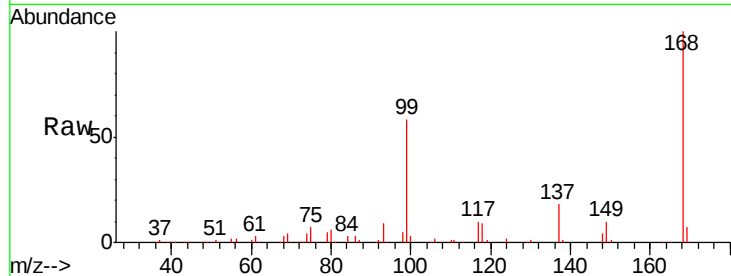
AOC1-05-B

Tgt Ion: 168 Resp: 107519

Ion Ratio Lower Upper

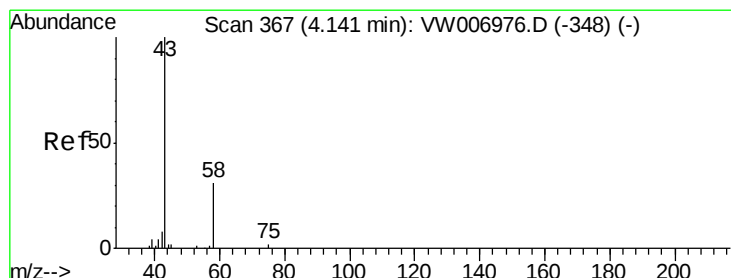
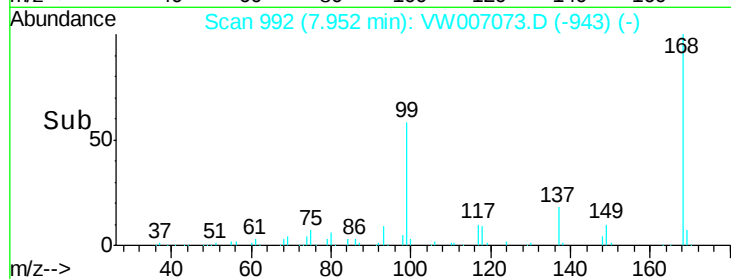
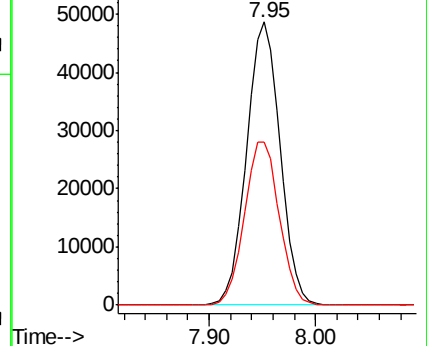
168 100

99 57.8 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: 14.87 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW007073.D

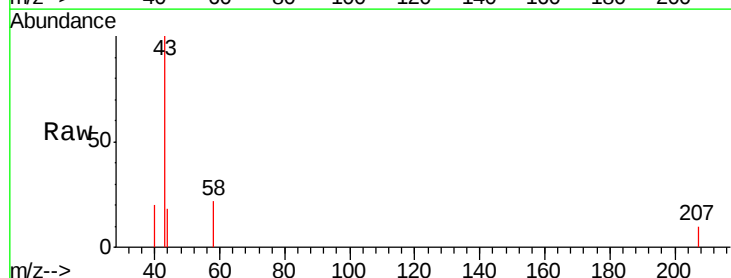
Acq: 27 Nov 2018 04:19

Tgt Ion: 43 Resp: 2273

Ion Ratio Lower Upper

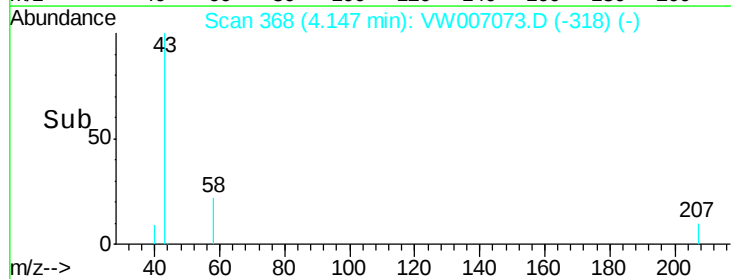
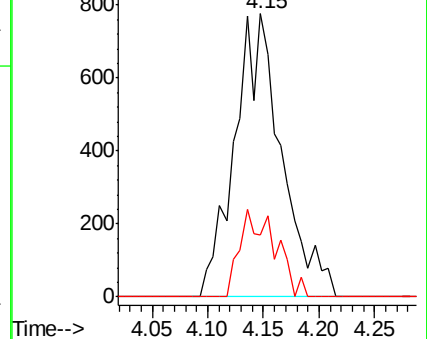
43 100

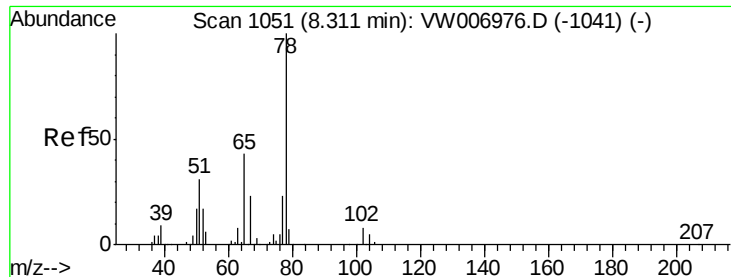
58 21.9 24.8 37.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

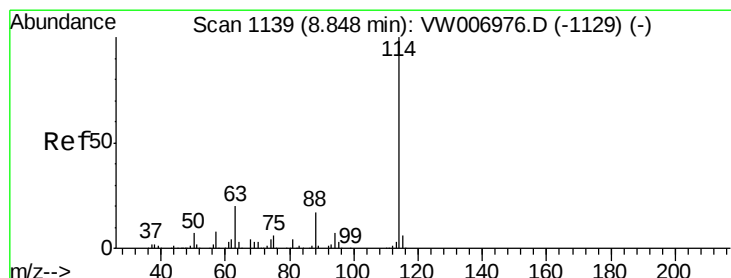
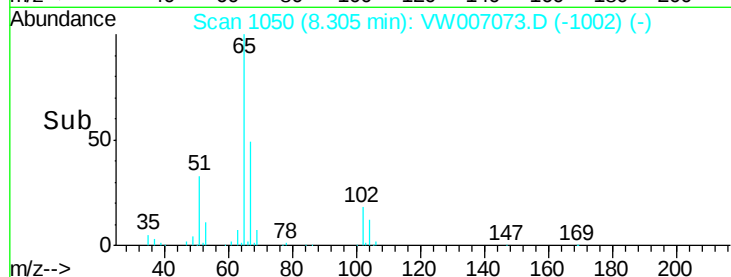
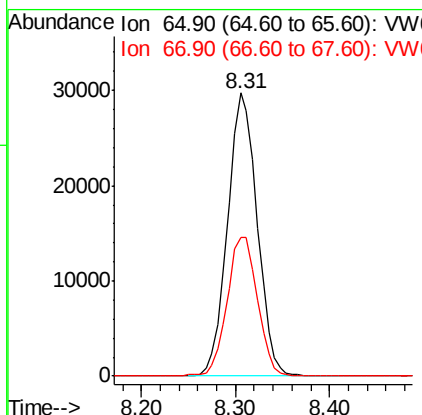
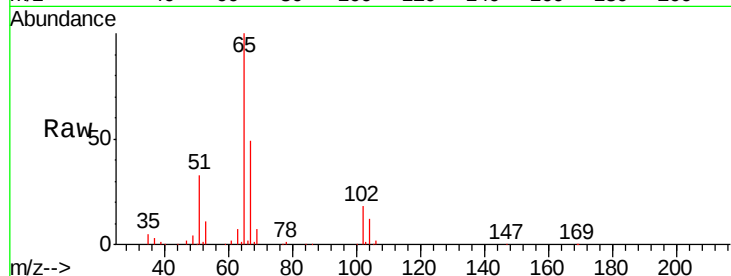




#33
 1,2-Dichloroethane-d4
 Concen: 61.59 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW007073.D
 Acq: 27 Nov 2018 04:19

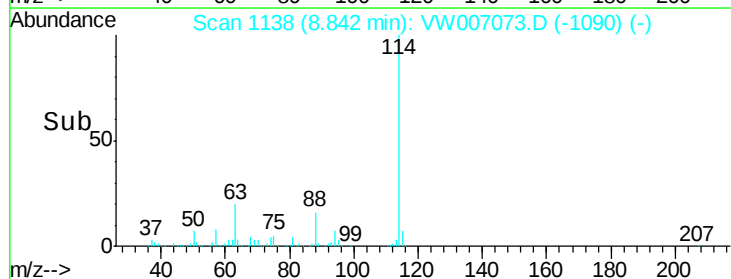
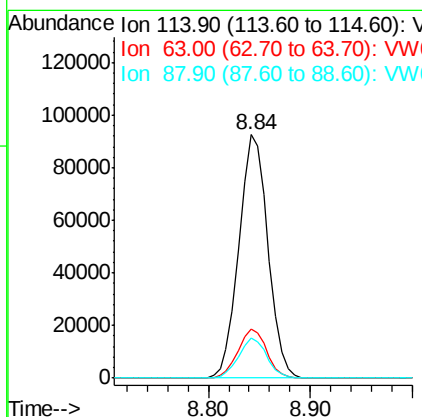
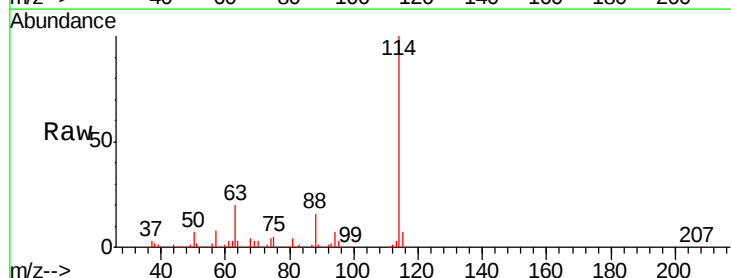
Instrument :
 MSVOA_W
 ClientSampleId :
 AOC1-05-B

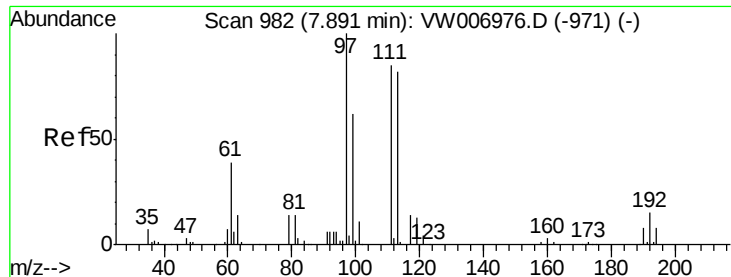
Tgt Ion: 65 Resp: 64835
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW007073.D
 Acq: 27 Nov 2018 04:19

Tgt Ion: 114 Resp: 182143
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.4
 88 16.3 0.0 34.2

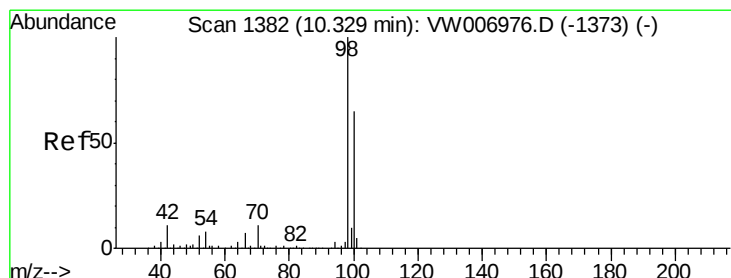
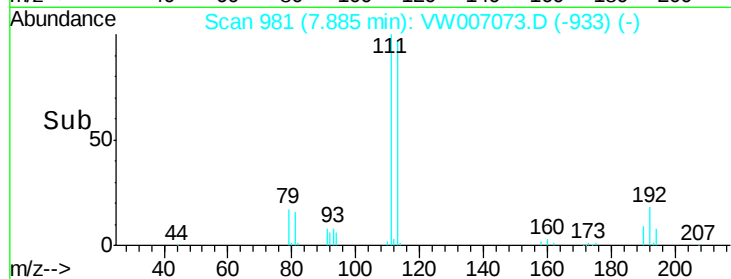
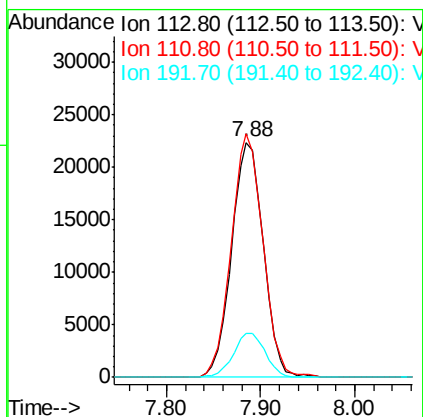
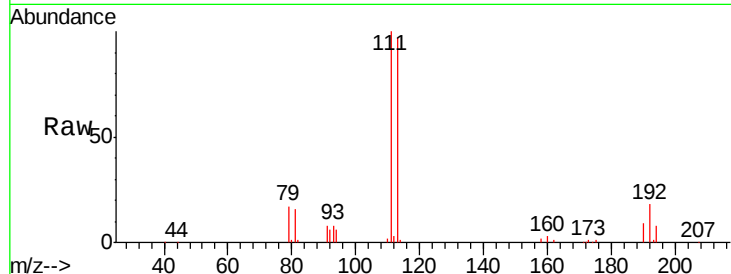




#35
 Dibromofluoromethane
 Concen: 51.03 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007073.D
 Acq: 27 Nov 2018 04:19

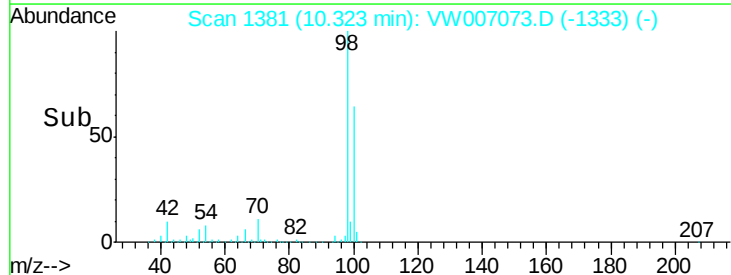
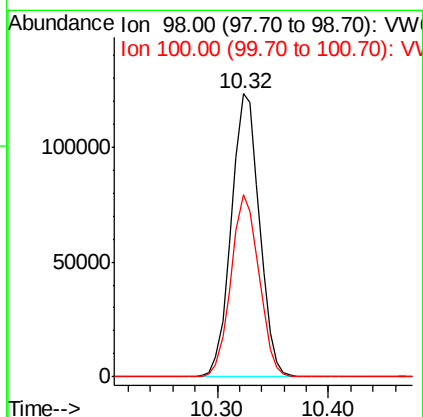
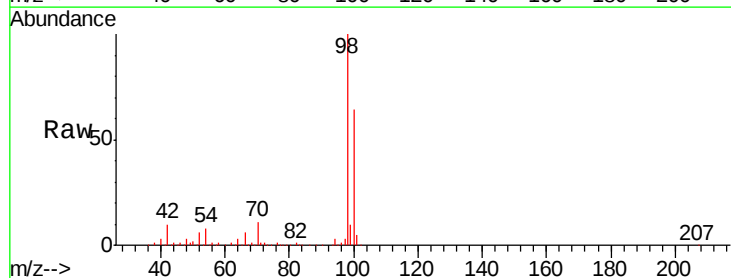
Instrument :
 MSVOA_W
 ClientSampleId :
 AOC1-05-B

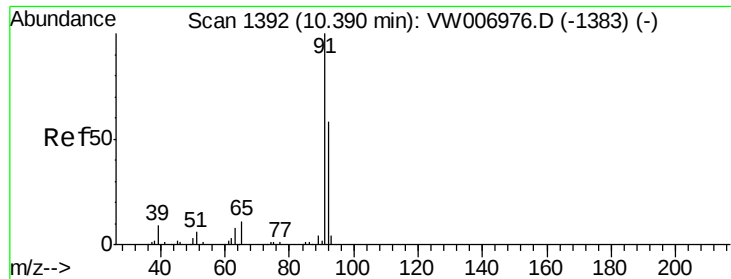
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.0	121.6
192	18.9	15.0	22.6



#50
 Toluene-d8
 Concen: 47.42 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: VW007073.D
 Acq: 27 Nov 2018 04:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.2	78.2





#52

Toluene

Concen: 2.42 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW007073.D

Acq: 27 Nov 2018 04:19

Instrument :

MSVOA_W

ClientSampled :

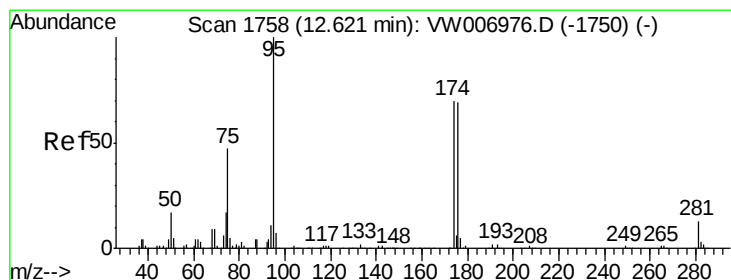
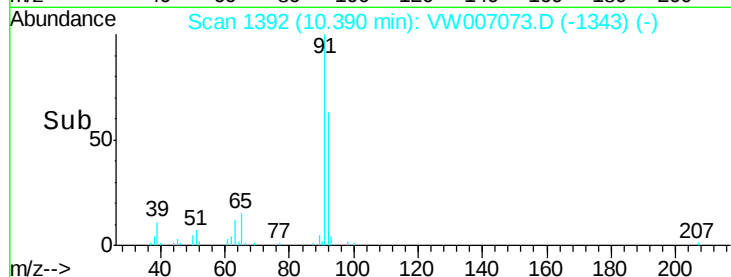
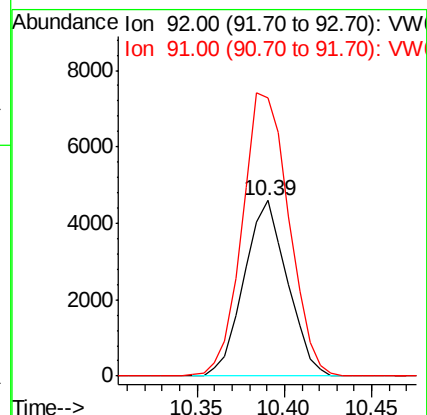
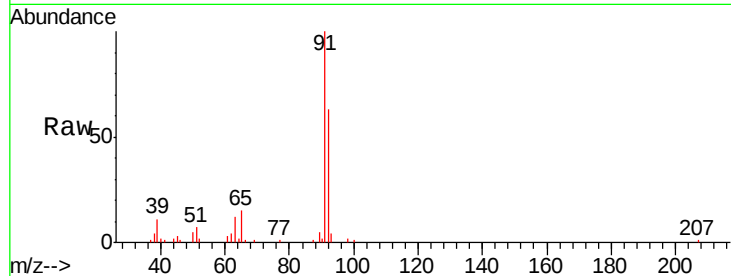
AOC1-05-B

Tgt Ion: 92 Resp: 7924

Ion Ratio Lower Upper

92 100

91 173.4 137.3 205.9



#62

4-Bromofluorobenzene

Concen: 48.05 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007073.D

Acq: 27 Nov 2018 04:19

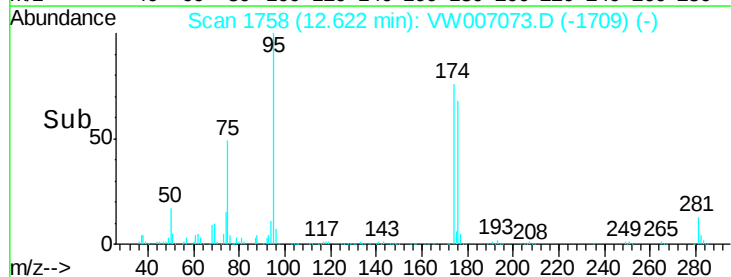
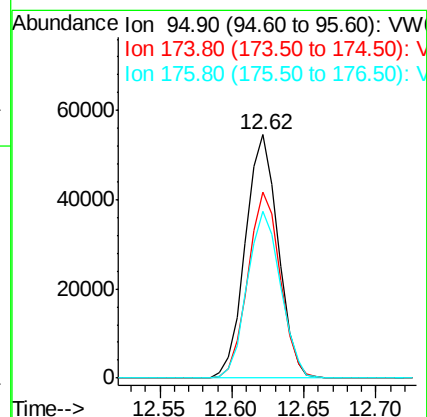
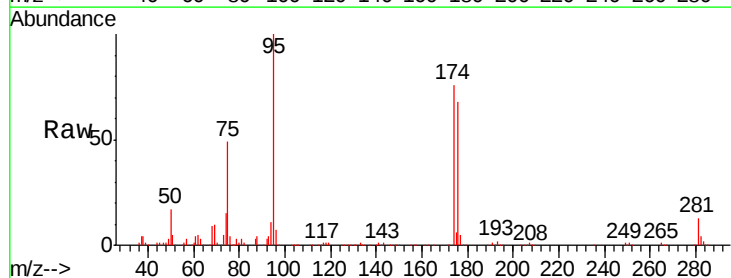
Tgt Ion: 95 Resp: 85880

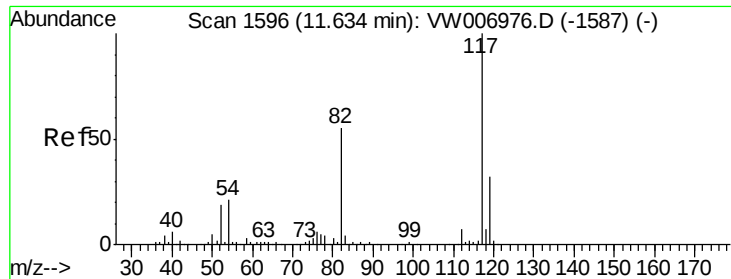
Ion Ratio Lower Upper

95 100

174 75.4 0.0 143.6

176 69.9 0.0 140.4

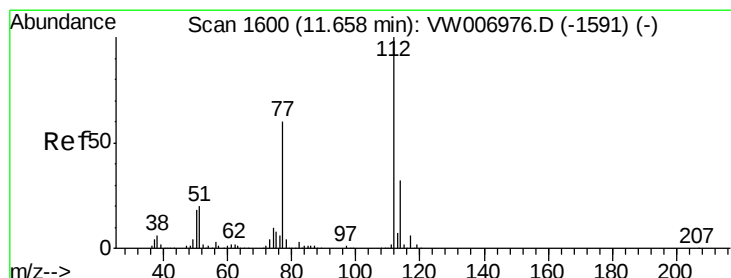
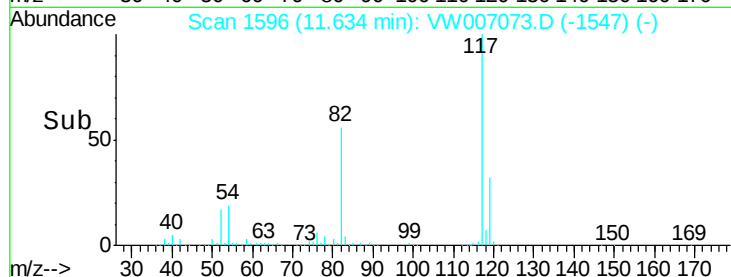
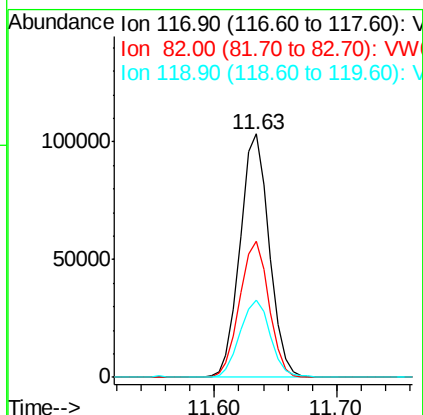
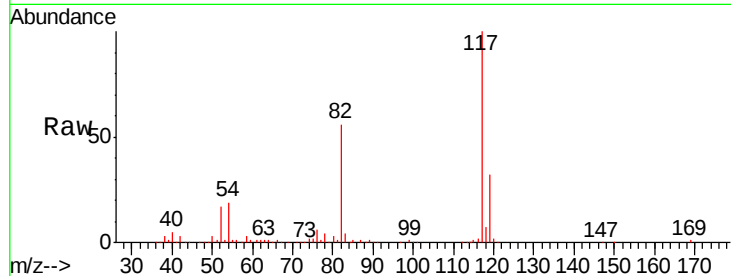




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007073.D
Acq: 27 Nov 2018 04:19

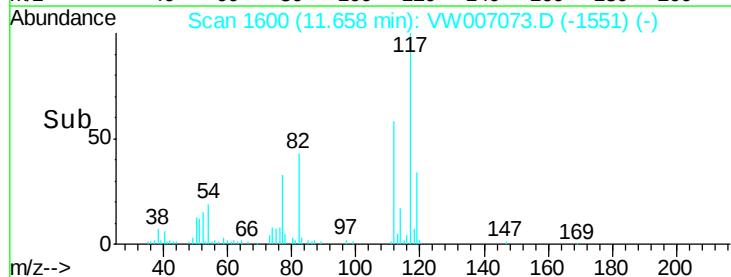
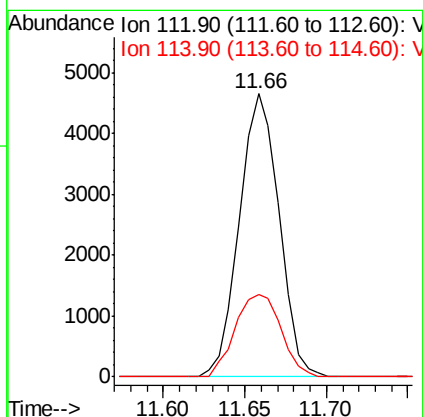
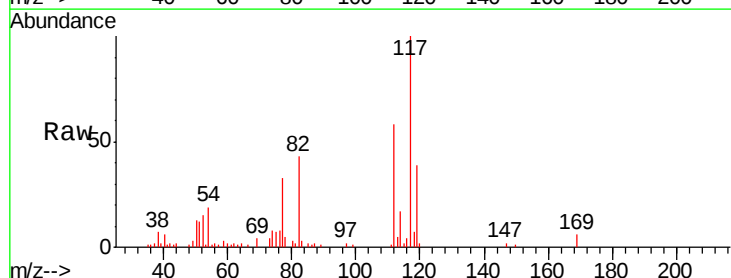
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MSVOA_W
ClientSampleId :
AOC1-05-B

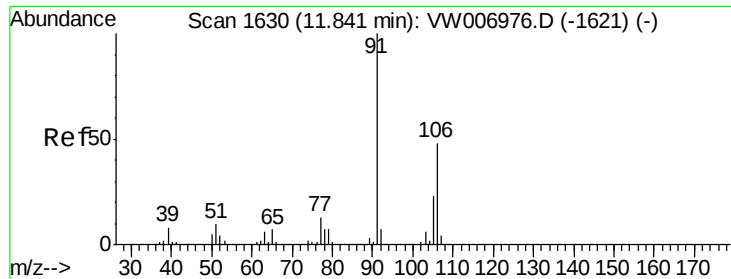
Tgt Ion:117 Resp: 170935
Ion Ratio Lower Upper
117 100
82 56.1 44.2 66.2
119 31.6 25.9 38.9



#65
Chlorobenzene
Concen: 2.21 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW007073.D
Acq: 27 Nov 2018 04:19

Tgt Ion:112 Resp: 7891
Ion Ratio Lower Upper
112 100
114 29.0 25.8 38.8

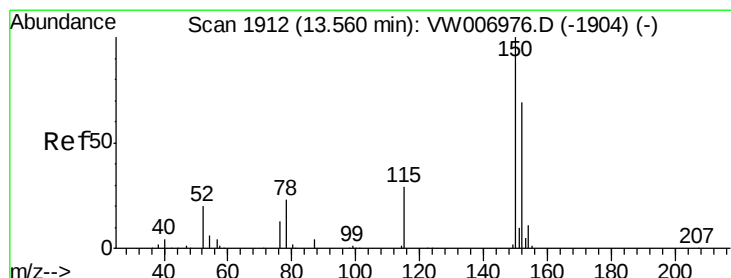
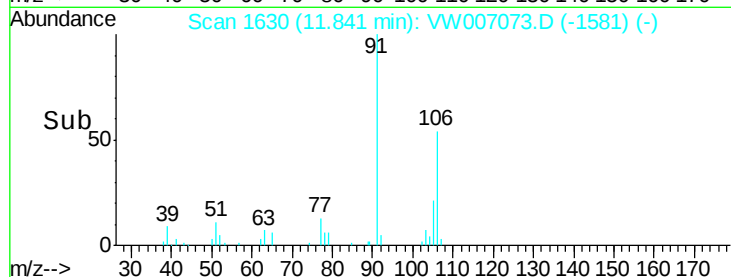
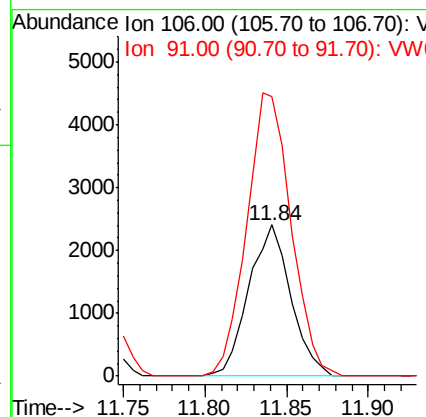
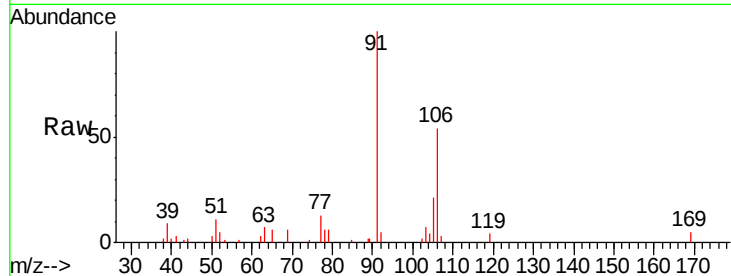




#68
m/p-Xylenes
Concen: 1.68 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW007073.D
Acq: 27 Nov 2018 04:19

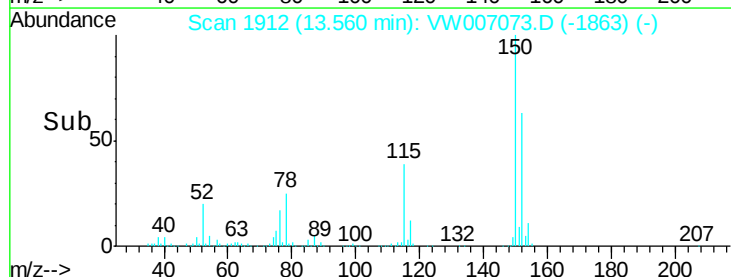
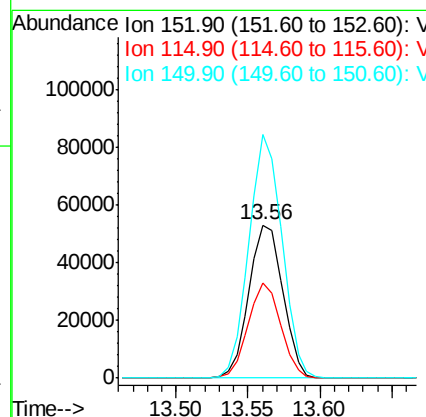
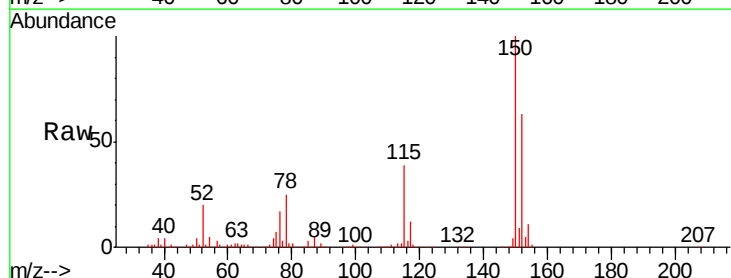
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MSVOA_W
ClientSampled :
AOC1-05-B

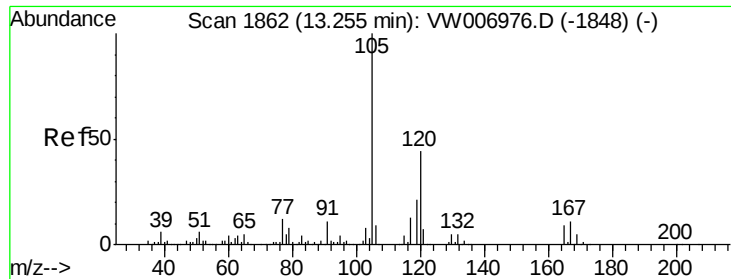
Tgt Ion:106 Resp: 4314
Ion Ratio Lower Upper
106 100
91 197.2 164.8 247.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW007073.D
Acq: 27 Nov 2018 04:19

Tgt Ion:152 Resp: 86528
Ion Ratio Lower Upper
152 100
115 60.4 31.4 94.2
150 155.3 0.0 353.4

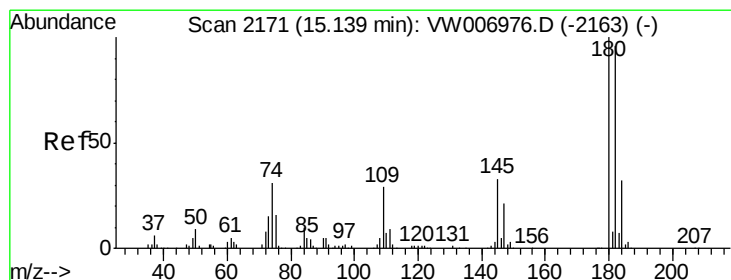
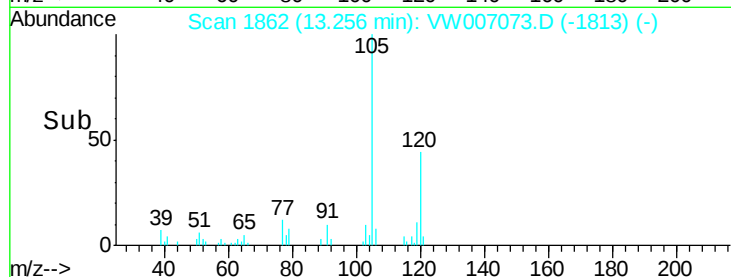
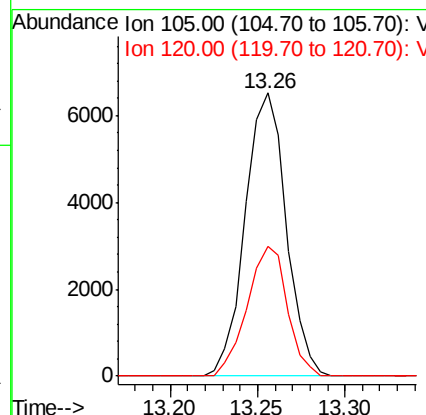
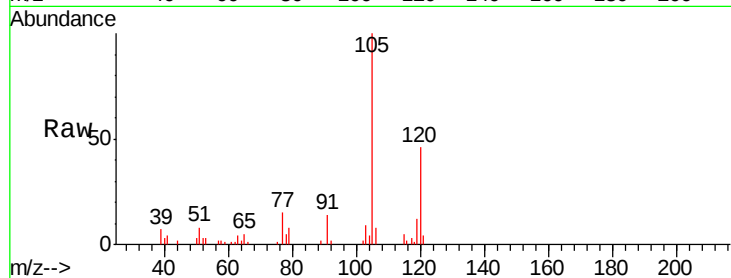




#84
 1,2,4-Trimethylbenzene
 Concen: 1.84 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW007073.D
 Acq: 27 Nov 2018 04:19

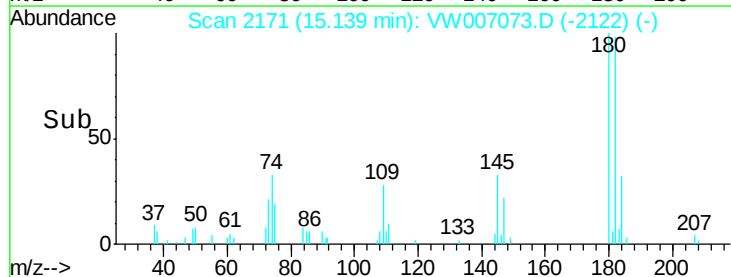
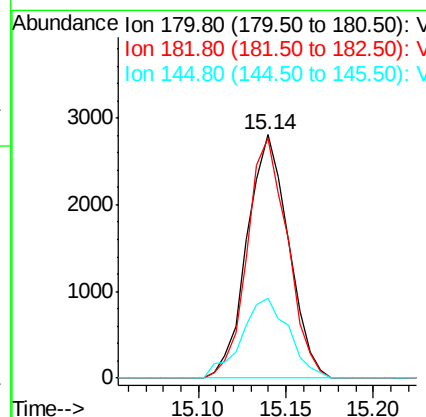
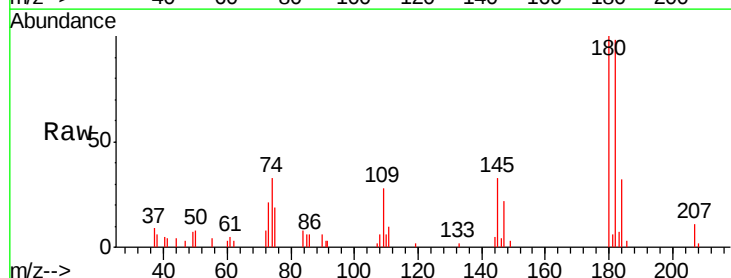
Instrument :
 MSVOA_W
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 AOC1-05-B

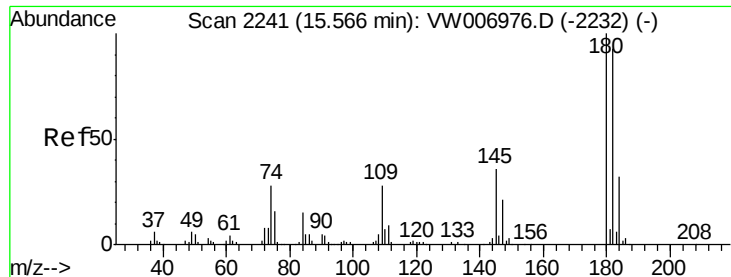
Tgt Ion:105 Resp: 10637
 Ion Ratio Lower Upper
 105 100
 120 44.6 21.8 65.3



#93
 1,2,4-Trichlorobenzene
 Concen: 2.73 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW007073.D
 Acq: 27 Nov 2018 04:19

Tgt Ion:180 Resp: 4655
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.1 141.3
 145 37.2 16.5 49.5





#96
 1,2,3-Trichlorobenzene
 Concen: 1.14 ug/l
 RT: 15.56 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: VW007073.D
 Acq: 27 Nov 2018 04:19

Instrument :
 MSVOA_W
 ClientSampleId :
 AOC1-05-B

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.8	47.0	141.2
145	43.2	18.0	54.0

