

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101218\
 Data File : VW006027.D
 Acq On : 11 Oct 2018 13:03
 Operator : VA/AP
 Sample : J5375-03RE
 Misc : 4.94G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 0691-KM-PA-AMD-COMP

Quant Time: Oct 12 01:23:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	170224	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	254449	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	207103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	83467	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	93604	56.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.28%	
35) Dibromofluoromethane	7.88	113	23109	14.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	28.44%	
50) Toluene-d8	10.33	98	312168	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
62) 4-Bromofluorobenzene	12.62	95	97679	41.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.16%	

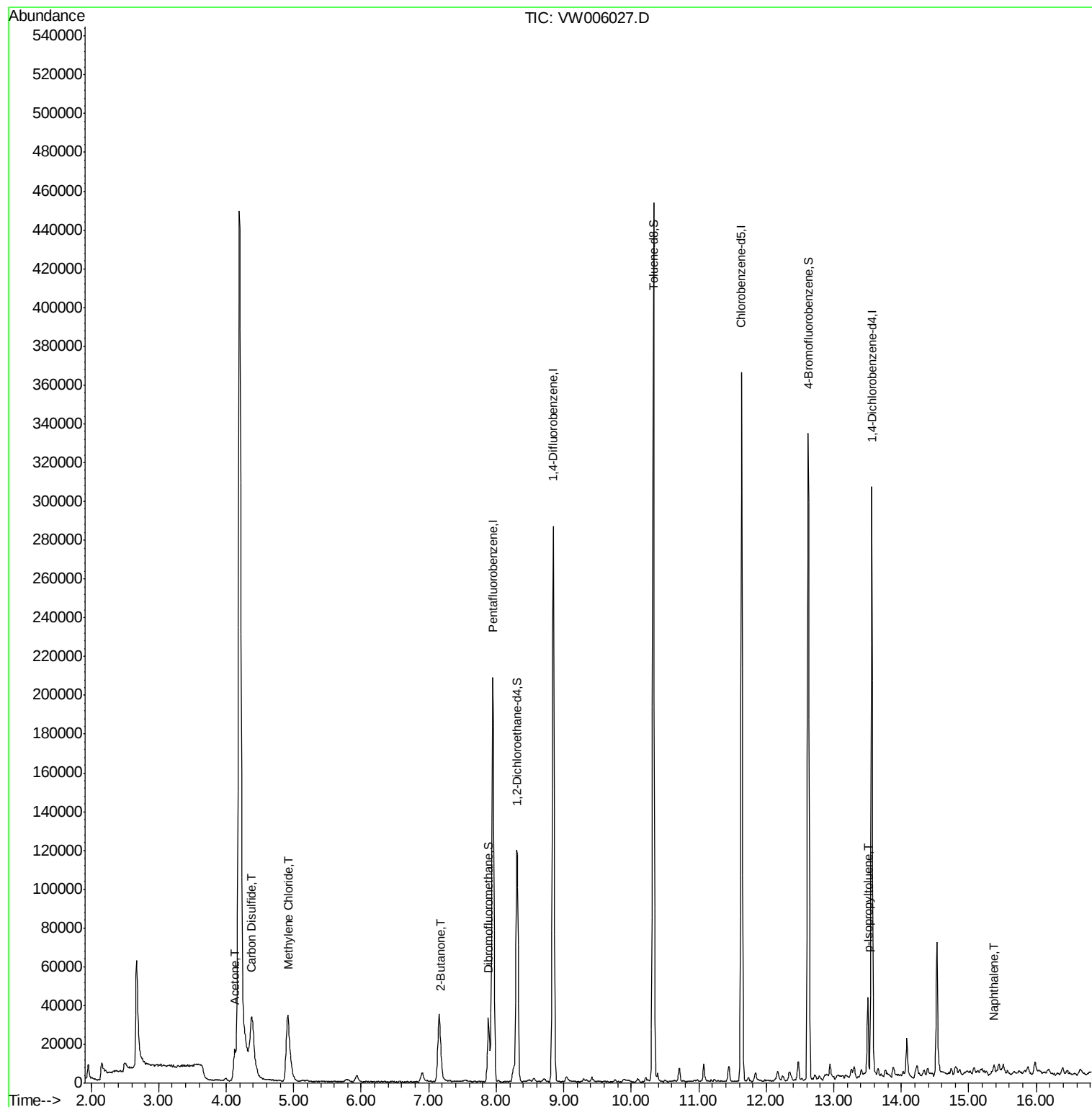
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	28274	85.66	ug/l	97
17) Carbon Disulfide	4.38	76	54901	12.12	ug/l	97
20) Methylene Chloride	4.92	84	34198	20.68	ug/l	92
25) 2-Butanone	7.18	43	9312	19.84	ug/l	100
86) p-Isopropyltoluene	13.51	119	22935	3.97	ug/l	99
95) Naphthalene	15.38	128	4331	1.27	ug/l	97

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006027.D

Acq: 11 Oct 2018 13:03

Instrument :

MSVOA_W

ClientSampleId :

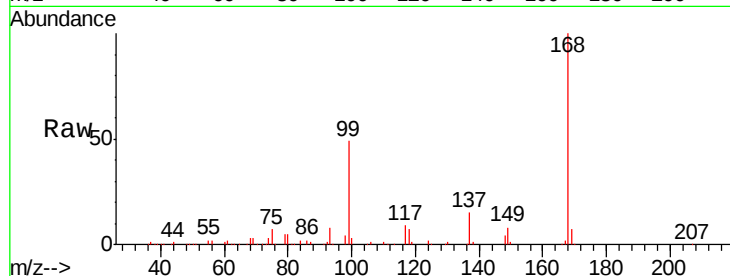
0691-KM-PA-AMD-COMP

Tgt Ion:168 Resp: 170224

Ion Ratio Lower Upper

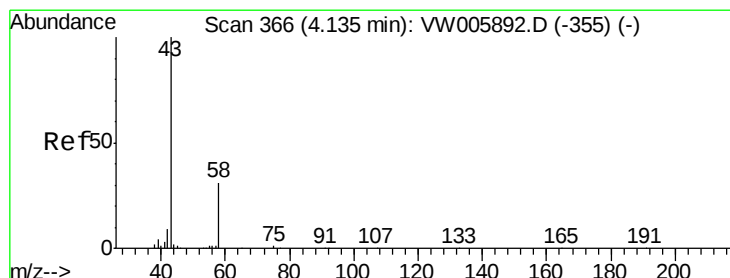
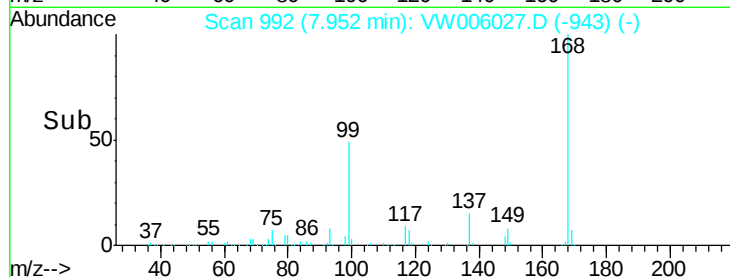
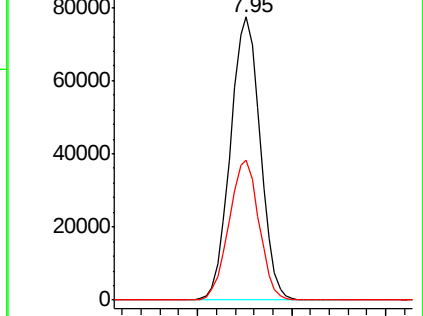
168 100

99 49.3 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 85.66 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW006027.D

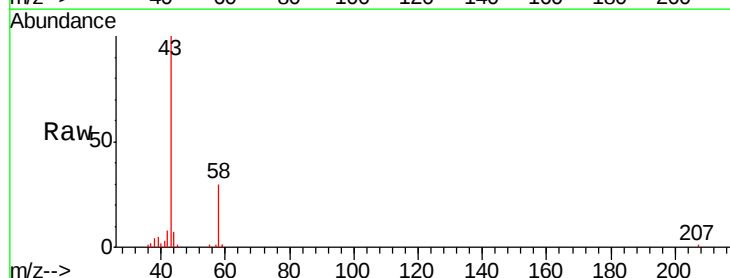
Acq: 11 Oct 2018 13:03

Tgt Ion: 43 Resp: 28274

Ion Ratio Lower Upper

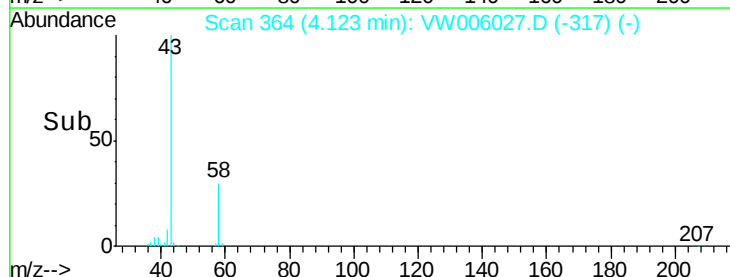
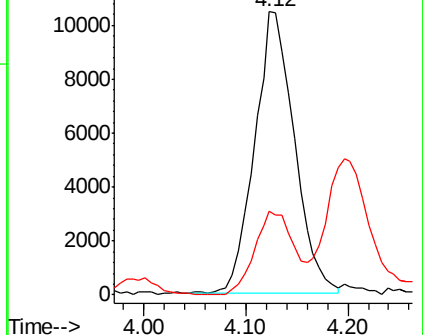
43 100

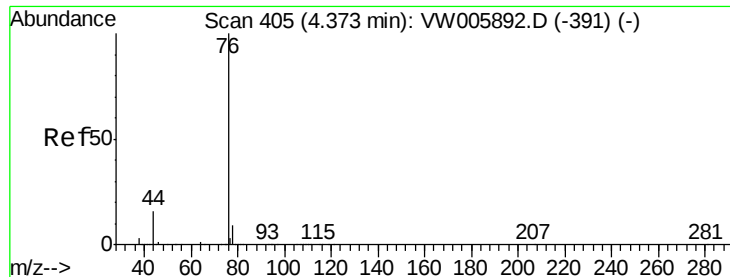
58 29.2 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

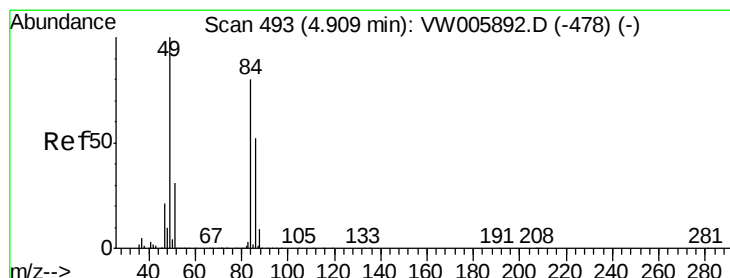
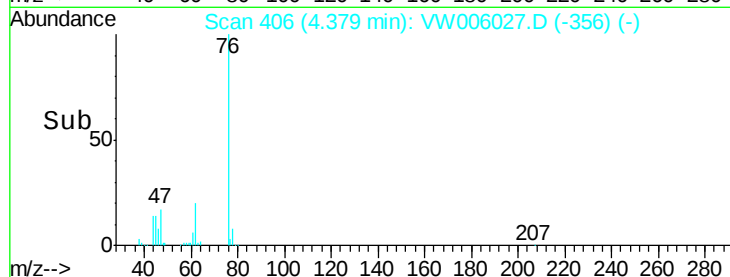
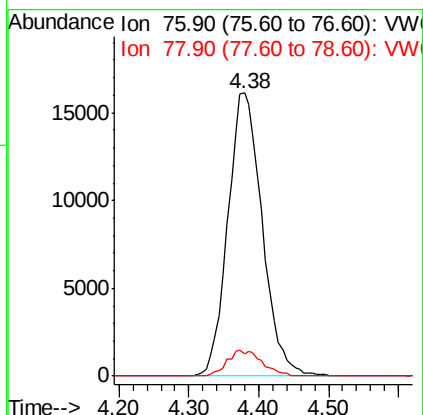
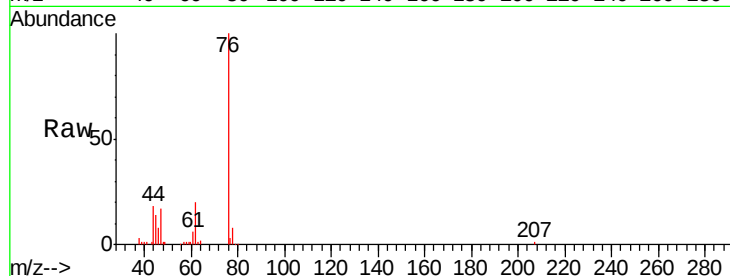




#17
Carbon Disulfide
Concen: 12.12 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW006027.D
Acq: 11 Oct 2018 13:03

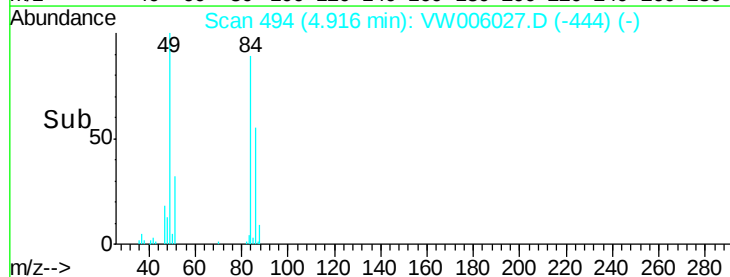
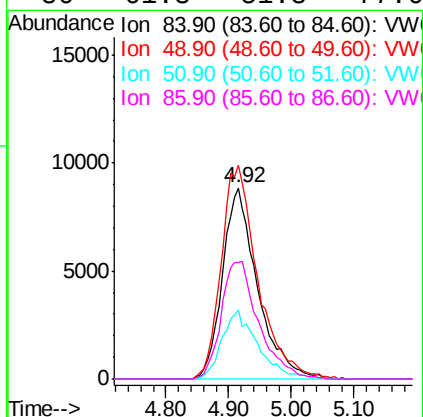
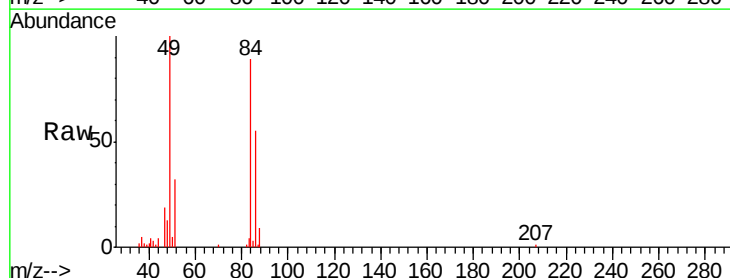
Instrument :
MSVOA_W
ClientSampleId :
0691-KM-PA-AMD-COMP

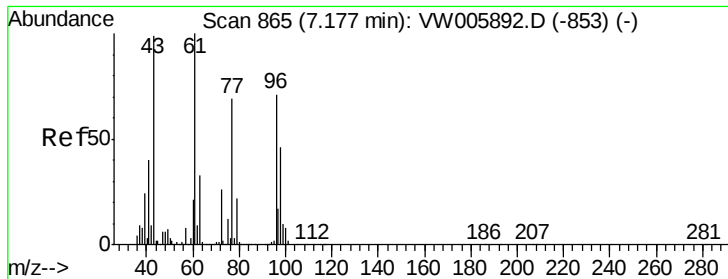
Tgt Ion: 76 Resp: 54901
Ion Ratio Lower Upper
76 100
78 7.9 7.4 11.0



#20
Methylene Chloride
Concen: 20.68 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW006027.D
Acq: 11 Oct 2018 13:03

Tgt Ion: 84 Resp: 34198
Ion Ratio Lower Upper
84 100
49 111.9 99.9 149.9
51 35.9 31.1 46.7
86 61.3 51.8 77.6





#25

2-Butanone

Concen: 19.84 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW006027.D

Acq: 11 Oct 2018 13:03

Instrument :

MSVOA_W

ClientSampleId :

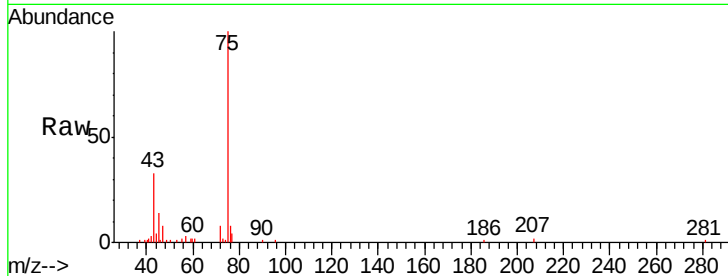
0691-KM-PA-AMD-COMP

Tgt Ion: 43 Resp: 9312

Ion Ratio Lower Upper

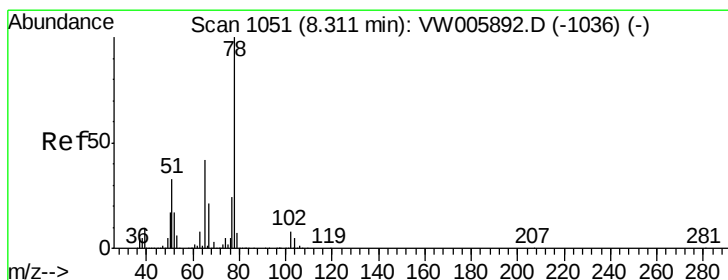
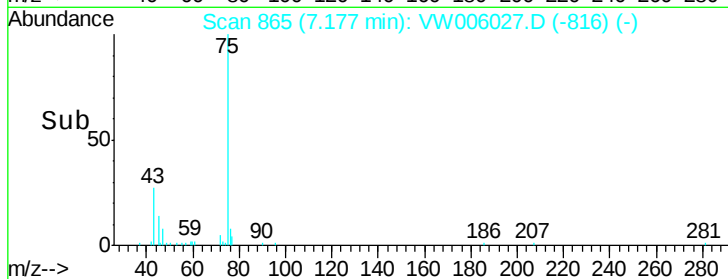
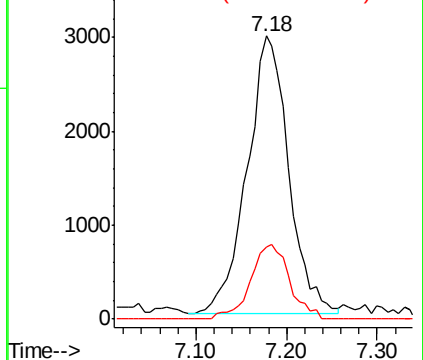
43 100

72 26.2 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#33

1,2-Dichloroethane-d4

Concen: 56.64 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006027.D

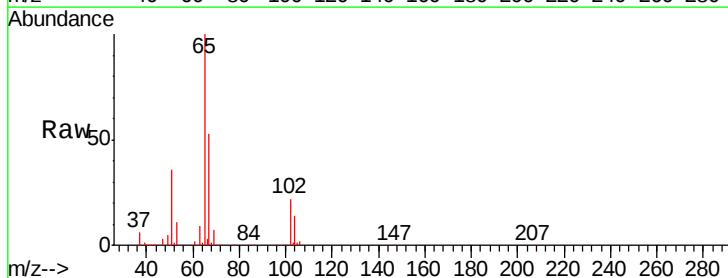
Acq: 11 Oct 2018 13:03

Tgt Ion: 65 Resp: 93604

Ion Ratio Lower Upper

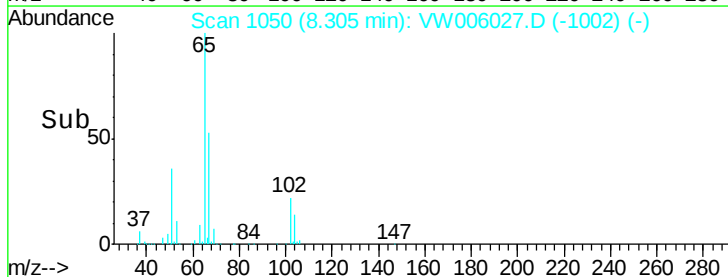
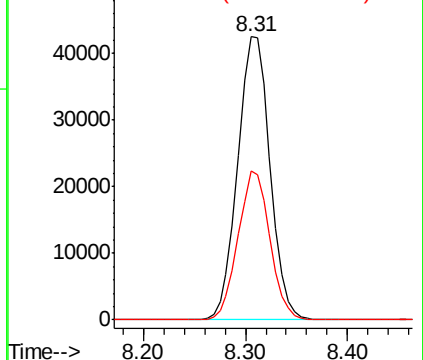
65 100

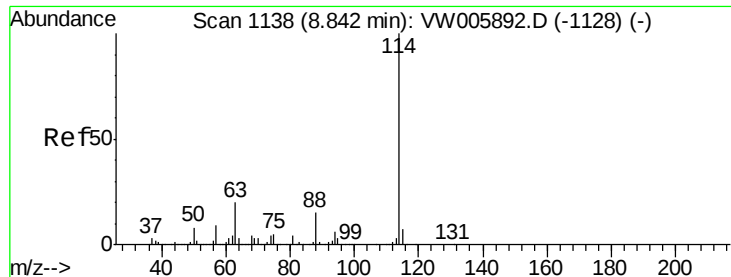
67 51.6 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW006027.D

Acq: 11 Oct 2018 13:03

Instrument :

MSVOA_W

ClientSampleId :

0691-KM-PA-AMD-COMP

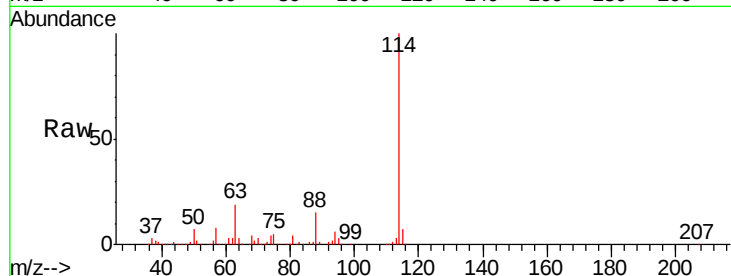
Tgt Ion:114 Resp: 254449

Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.2

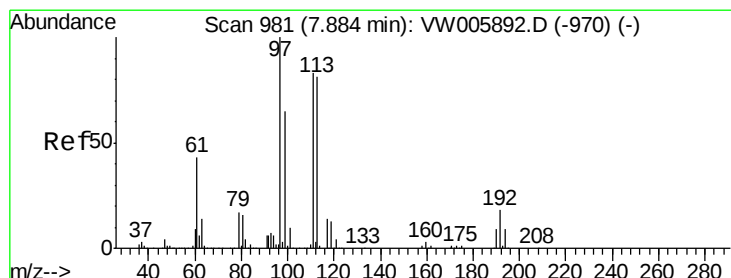
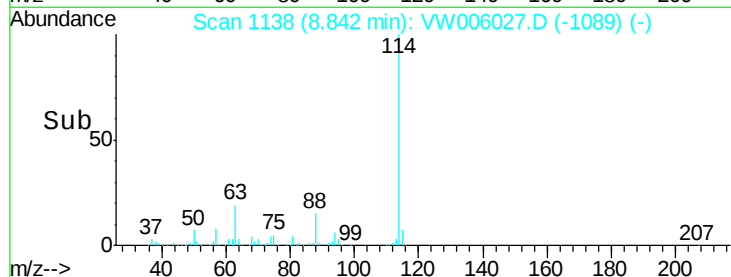
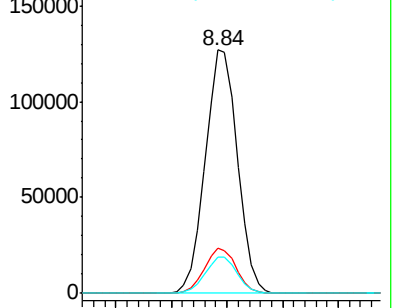
88 14.9 0.0 30.8



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: 14.22 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW006027.D

Acq: 11 Oct 2018 13:03

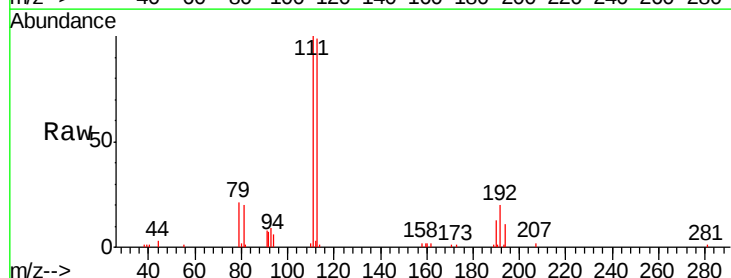
Tgt Ion:113 Resp: 23109

Ion Ratio Lower Upper

113 100

111 101.5 82.0 123.0

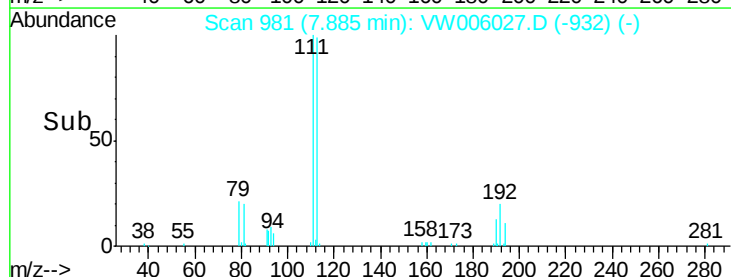
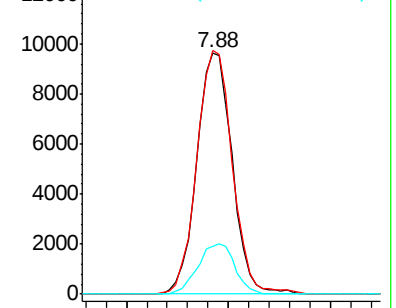
192 21.7 18.3 27.5

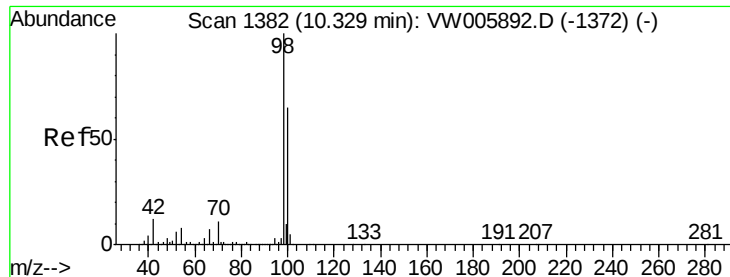


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.94 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006027.D

Acq: 11 Oct 2018 13:03

Instrument :

MSVOA_W

ClientSampleId :

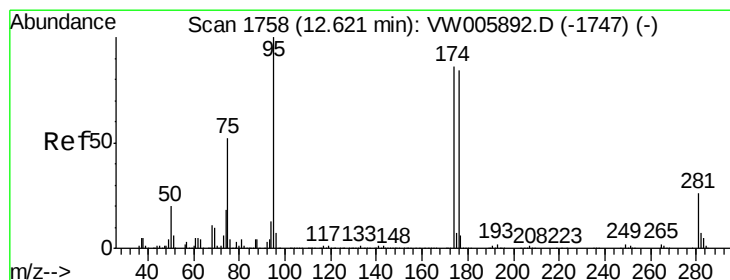
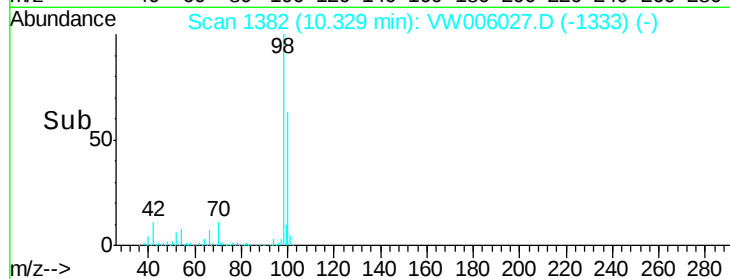
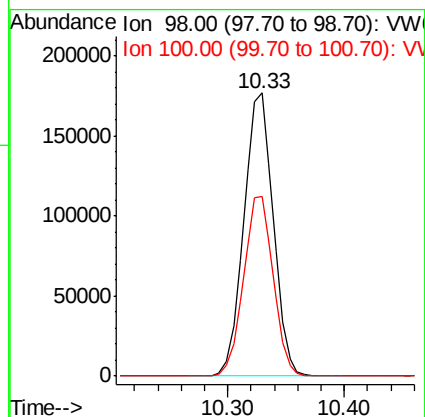
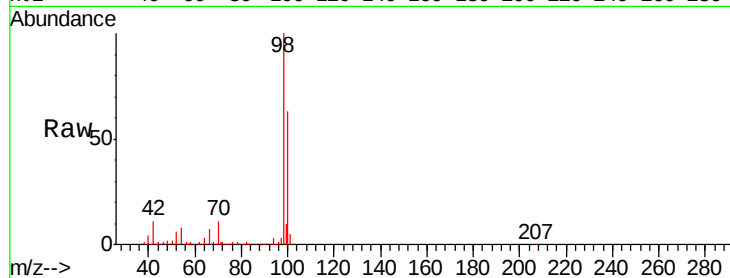
0691-KM-PA-AMD-COMP

Tgt Ion: 98 Resp: 312168

Ion Ratio Lower Upper

98 100

100 63.9 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 41.08 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006027.D

Acq: 11 Oct 2018 13:03

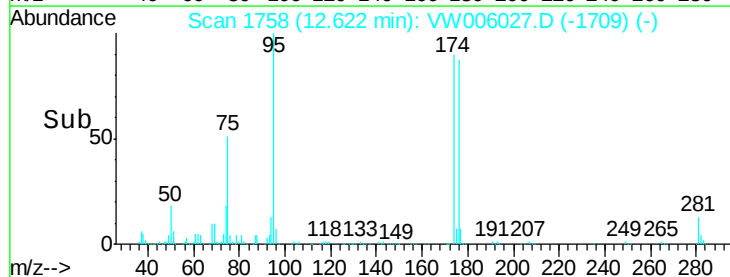
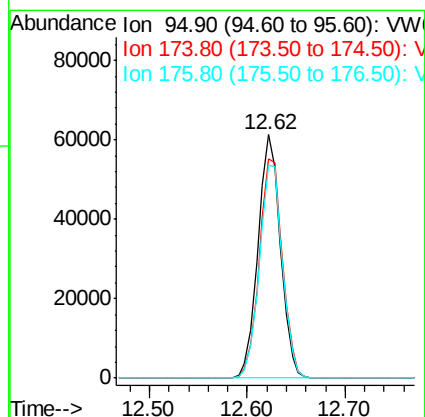
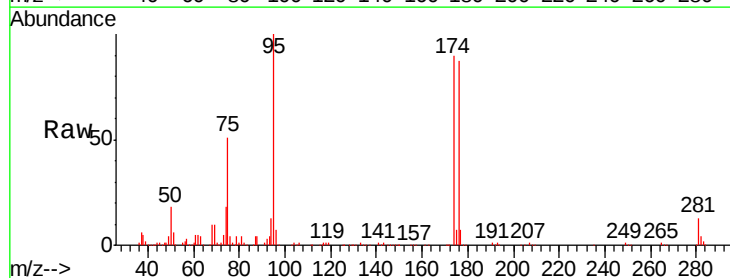
Tgt Ion: 95 Resp: 97679

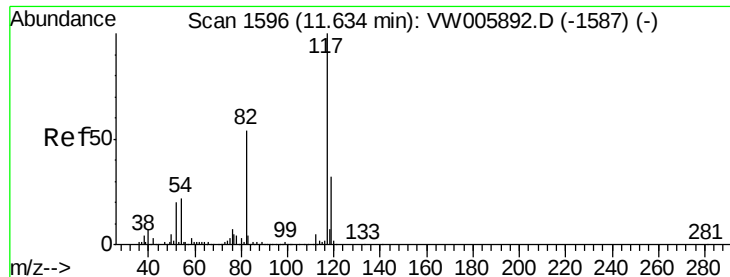
Ion Ratio Lower Upper

95 100

174 92.8 0.0 176.4

176 89.5 0.0 173.0

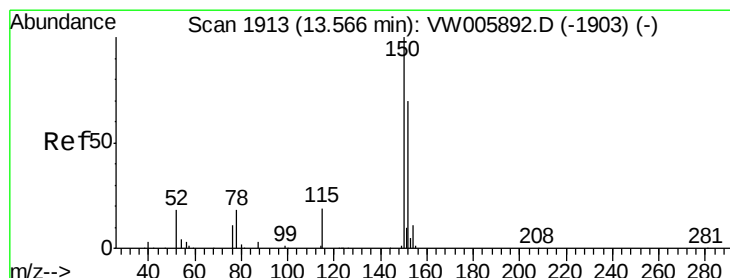
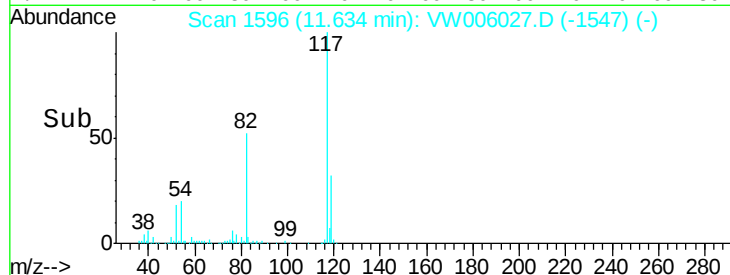
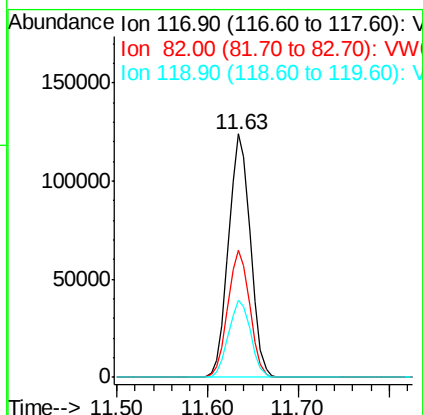
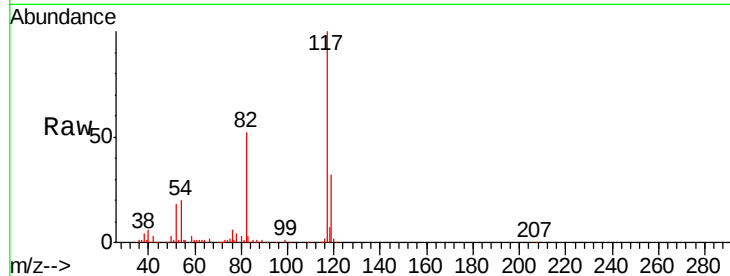




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006027.D
Acq: 11 Oct 2018 13:03

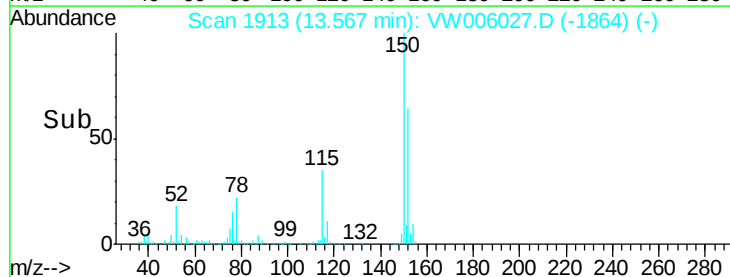
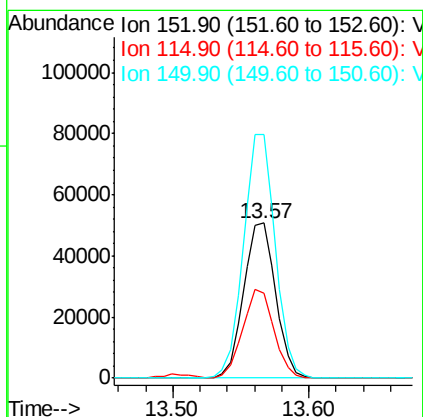
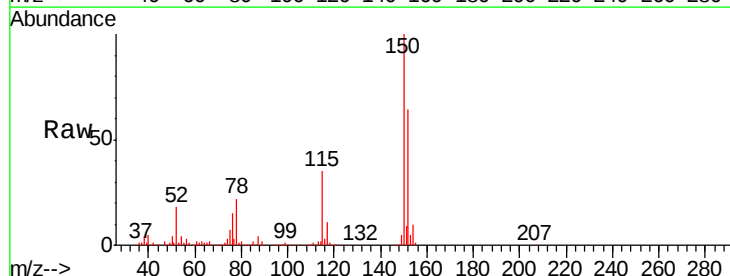
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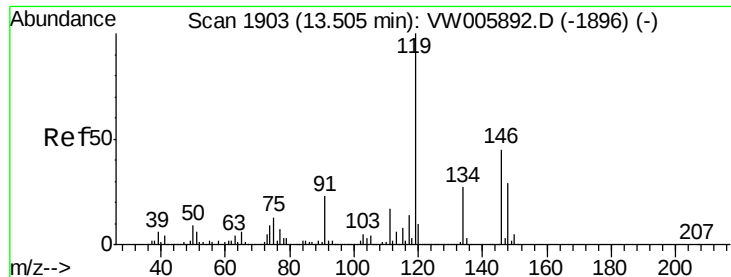
Tgt Ion:117 Resp: 207103
Ion Ratio Lower Upper
117 100
82 52.1 43.5 65.3
119 31.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006027.D
Acq: 11 Oct 2018 13:03

Tgt Ion:152 Resp: 83467
Ion Ratio Lower Upper
152 100
115 55.6 28.3 85.0
150 155.9 0.0 349.2

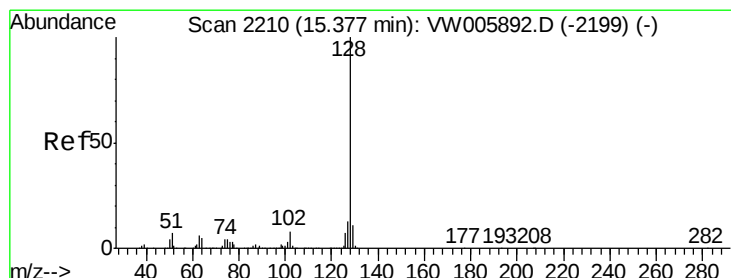
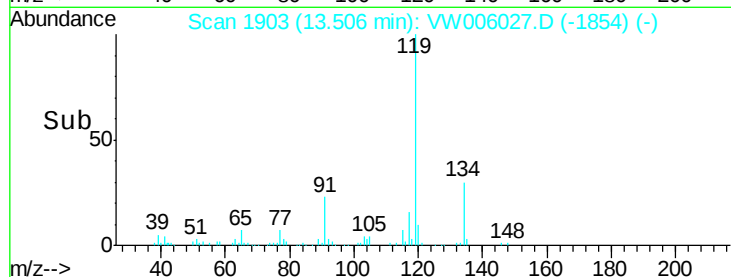
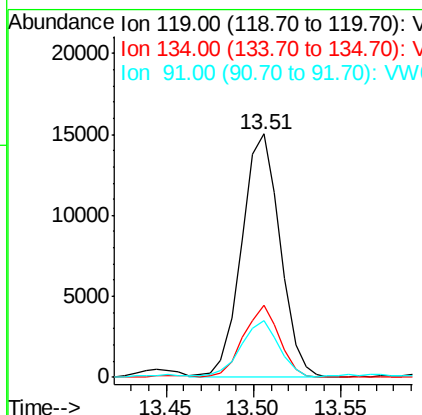
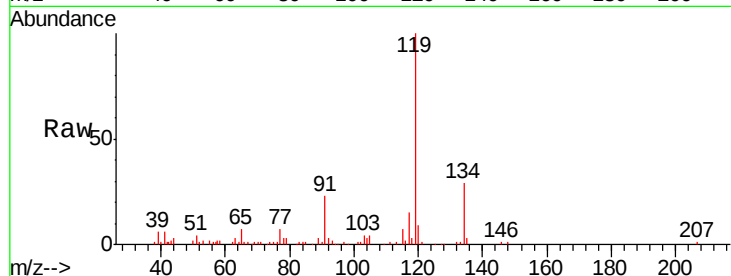




#86
p-Isopropyltoluene
Concen: 3.97 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. 0.00 min
Lab File: VW006027.D
Acq: 11 Oct 2018 13:03

Instrument :
MSVOA_W
ClientSampleId :
0691-KM-PA-AMD-COMP

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.7	13.5	40.5
91	23.6	11.9	35.5



#95
Naphthalene
Concen: 1.27 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006027.D
Acq: 11 Oct 2018 13:03

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.5	15.7
129	12.6	8.9	13.3

