

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071318\
 Data File : VW003928.D
 Acq On : 13 Jul 2018 21:03
 Operator : VA/AP
 Sample : J3947-05RE
 Misc : 4.38G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-3RE

Quant Time: Jul 14 00:44:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	179299	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	292063	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	245022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	84231	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	106967	45.62	ug/l	0.00
Spiked Amount			Recovery	=	91.24%	
35) Dibromofluoromethane	7.88	113	94039	46.00	ug/l	0.00
Spiked Amount			Recovery	=	92.00%	
50) Toluene-d8	10.33	98	345333	44.16	ug/l	0.00
Spiked Amount			Recovery	=	88.32%	
62) 4-Bromofluorobenzene	12.62	95	97281	34.39	ug/l	0.00
Spiked Amount			Recovery	=	68.78%	

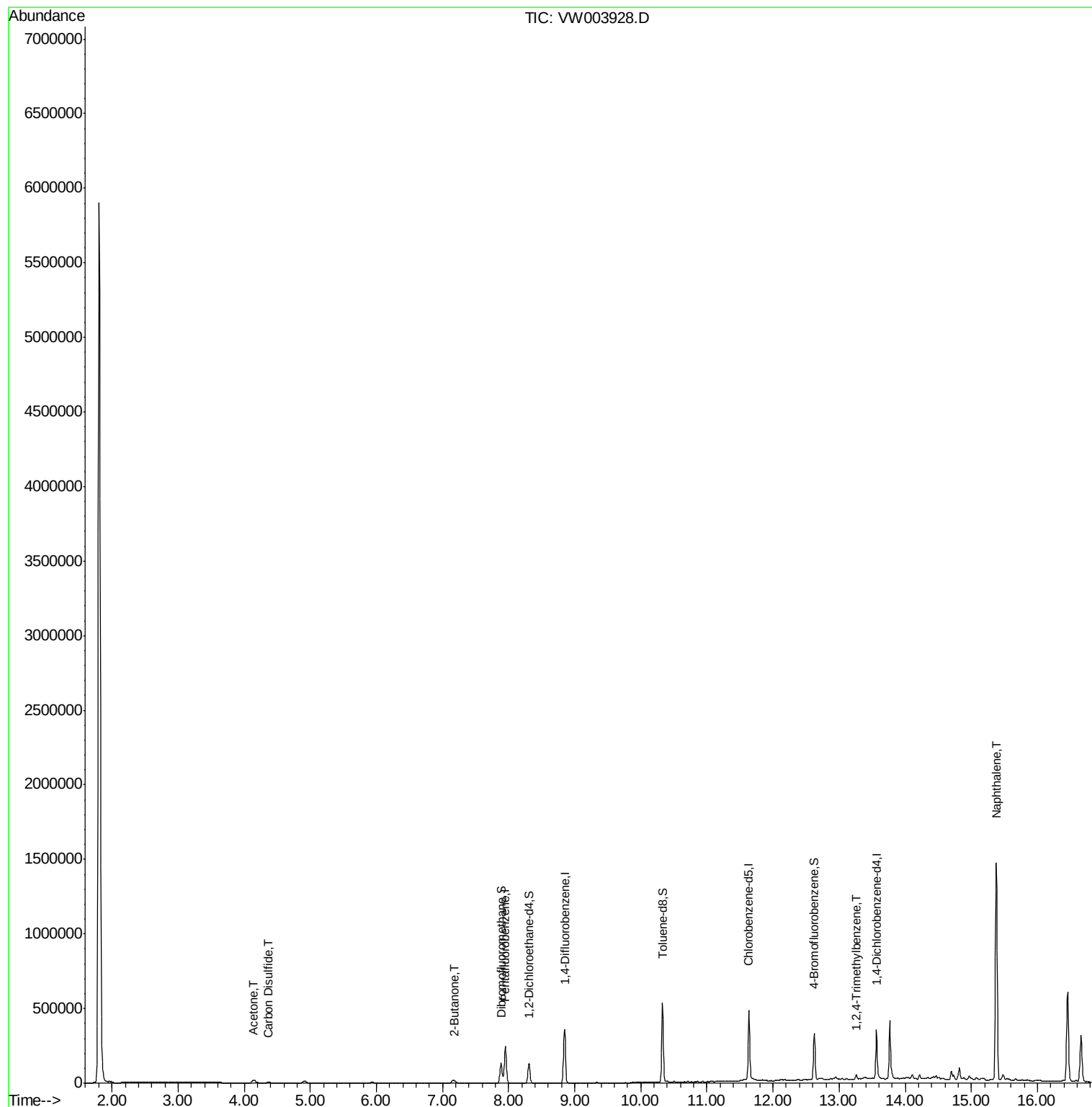
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	45927	112.90	ug/l	93
17) Carbon Disulfide	4.37	76	14536	2.63	ug/l	97
25) 2-Butanone	7.19	43	13131	20.61	ug/l	94
84) 1,2,4-Trimethylbenzene	13.26	105	14455	2.83	ug/l	95
95) Naphthalene	15.38	128	1232215	394.42	ug/l	100

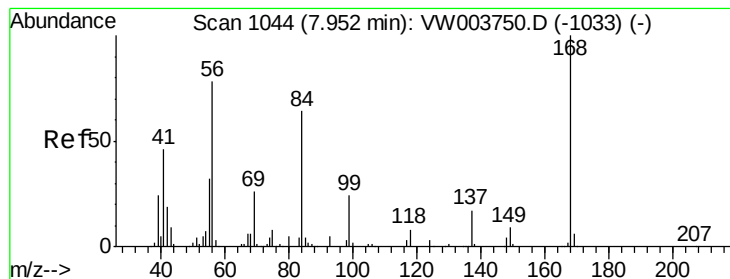
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jul 07 05:07:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003928.D

Acq: 13 Jul 2018 21:03

Instrument :

MSVOA_W

ClientSampleId :

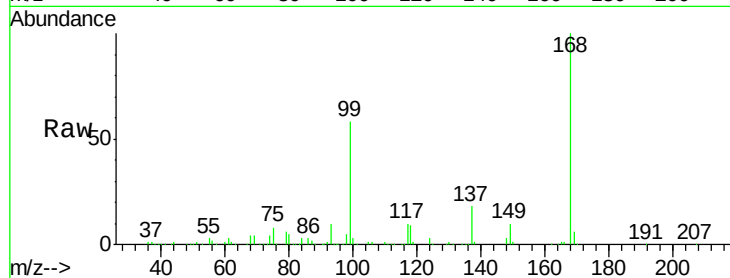
PAR-3RE

Tot Ion:168 Resp: 179299

Ion Ratio Lower Upper

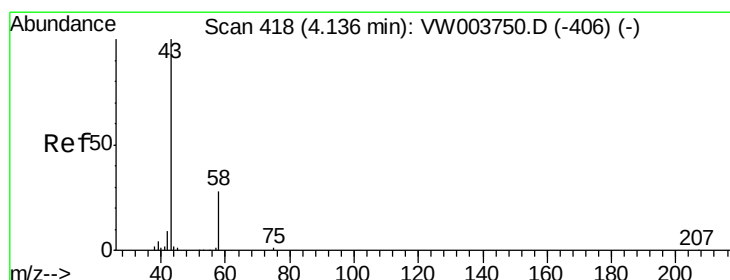
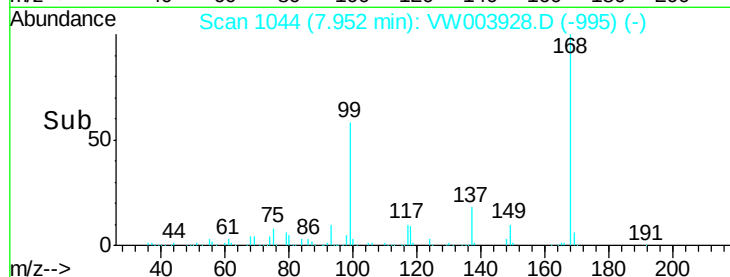
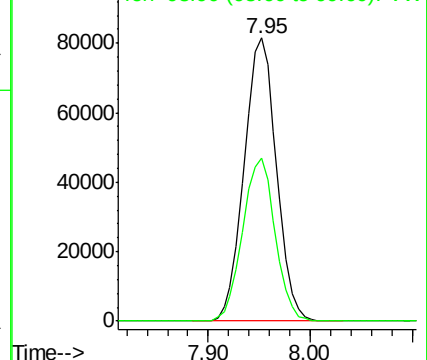
168 100

99 57.6 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 112.90 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.01 min

Lab File: VW003928.D

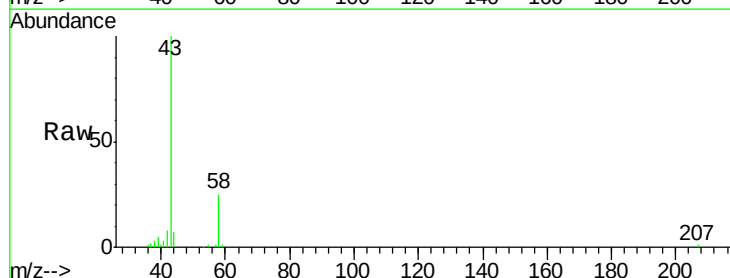
Acq: 13 Jul 2018 21:03

Tgt Ion: 43 Resp: 45927

Ion Ratio Lower Upper

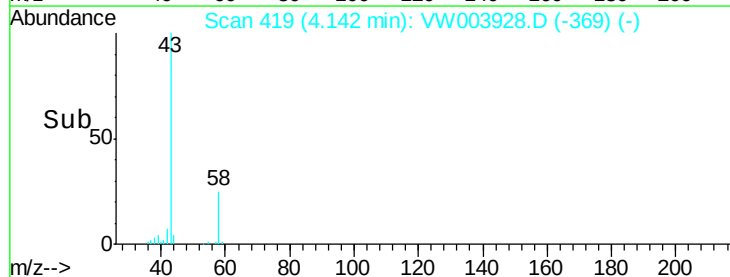
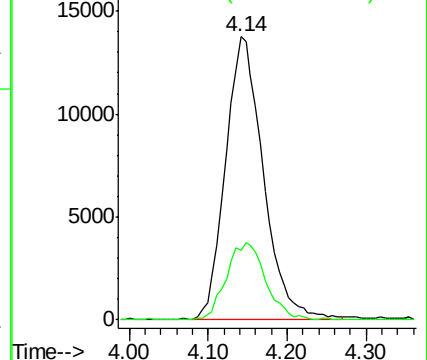
43 100

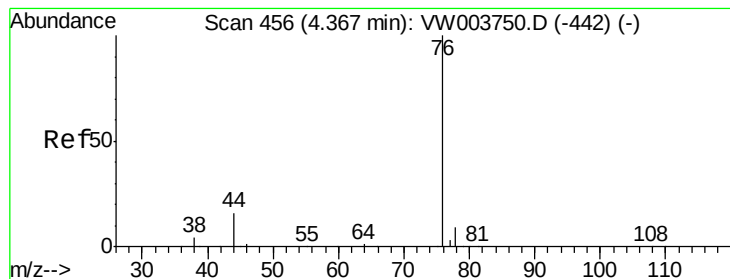
58 24.5 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 2.63 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.01 min

Lab File: VW003928.D

Acq: 13 Jul 2018 21:03

Instrument :

MSVOA_W

ClientSampleId :

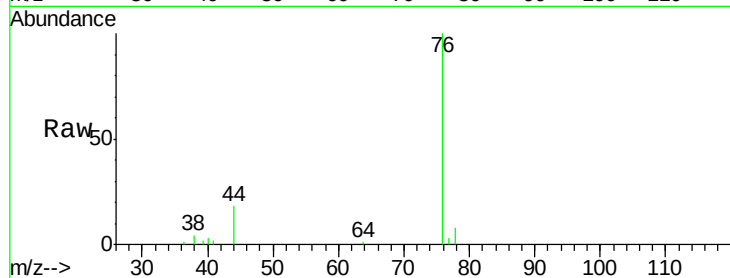
PAR-3RE

Tot Ion: 76 Resp: 14536

Ion Ratio Lower Upper

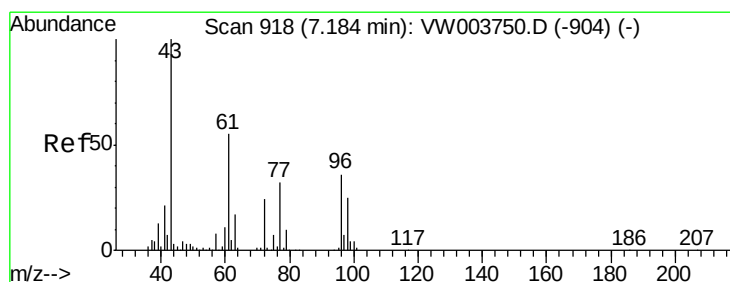
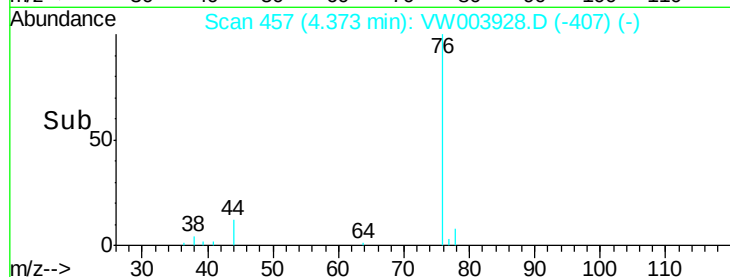
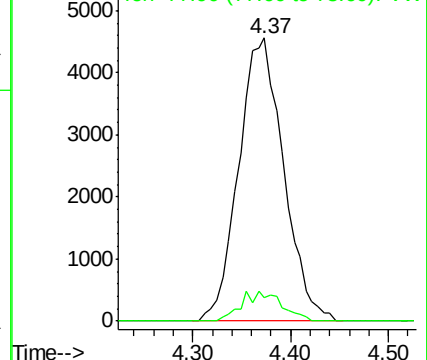
76 100

78 8.1 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#25

2-Butanone

Concen: 20.61 ug/l

RT: 7.19 min Scan# 919

Delta R.T. 0.01 min

Lab File: VW003928.D

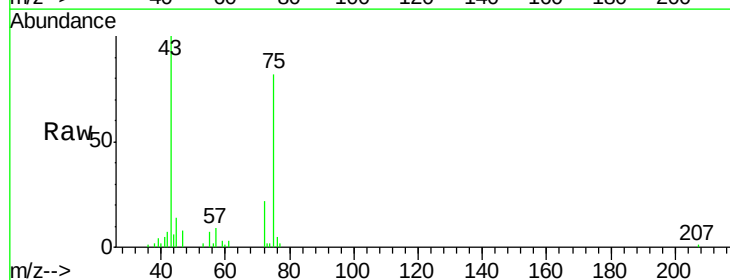
Acq: 13 Jul 2018 21:03

Tgt Ion: 43 Resp: 13131

Ion Ratio Lower Upper

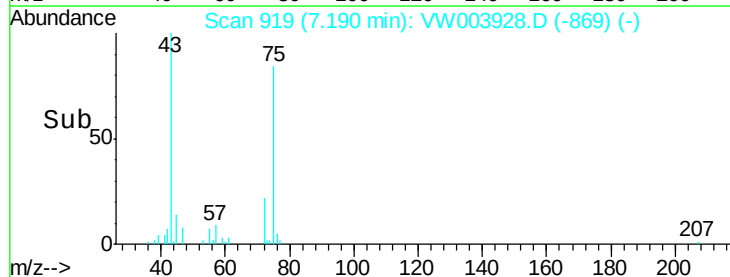
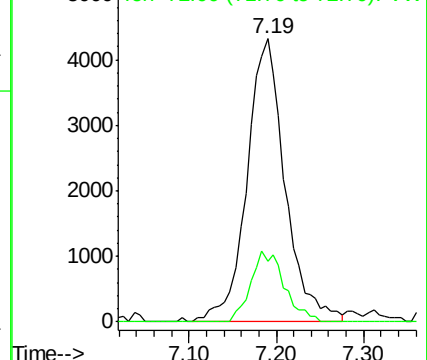
43 100

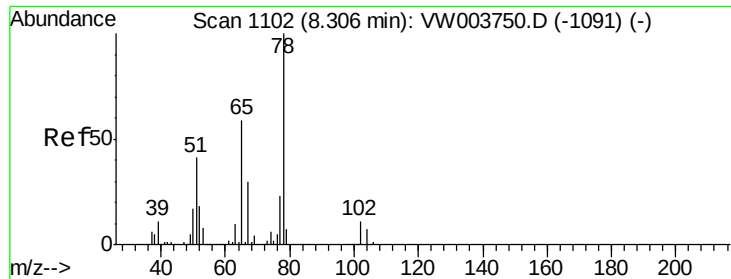
72 21.5 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

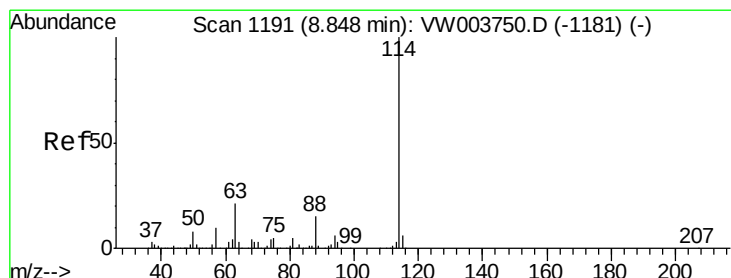
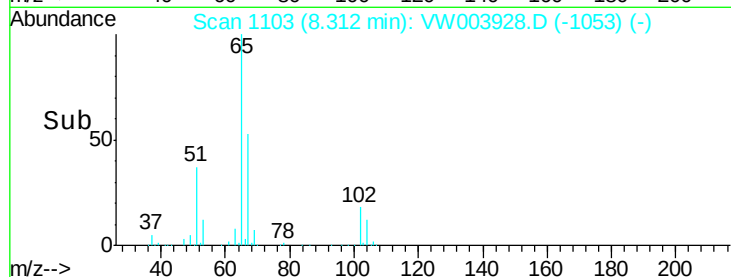
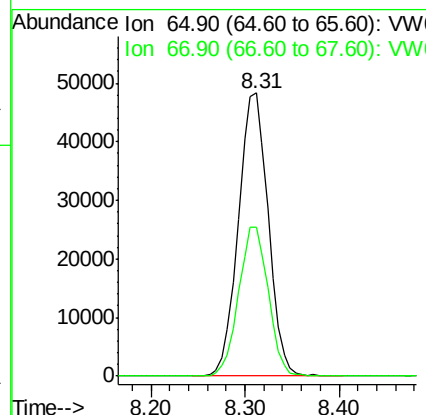
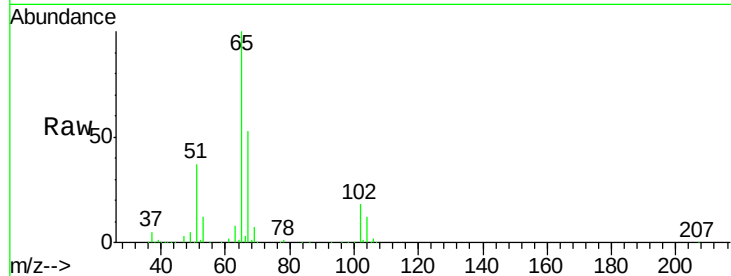




#33
 1,2-Dichloroethane-d4
 Concen: 45.62 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: VW003928.D
 Acq: 13 Jul 2018 21:03

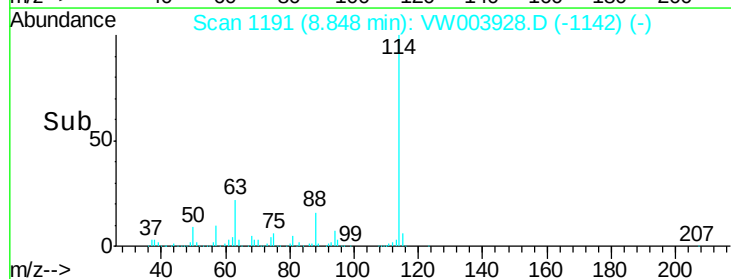
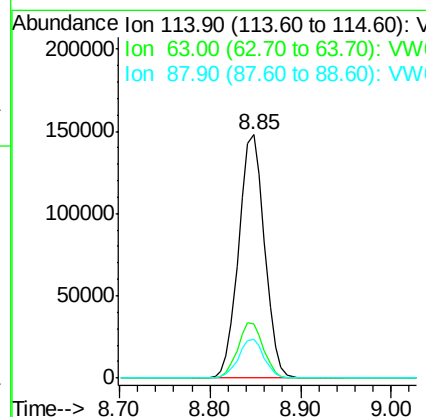
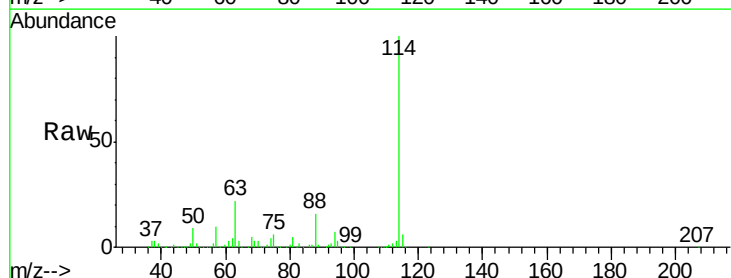
Instrument :
 MSVOA_W
 ClientSampled :
 PAR-3RE

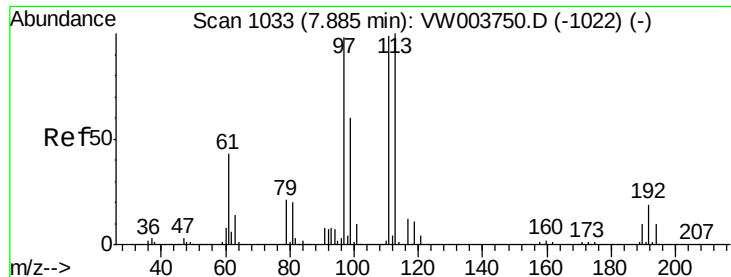
Tot Ion: 65 Resp: 106967
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003928.D
 Acq: 13 Jul 2018 21:03

Tgt Ion: 114 Resp: 292063
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 41.8
 88 15.7 0.0 30.2

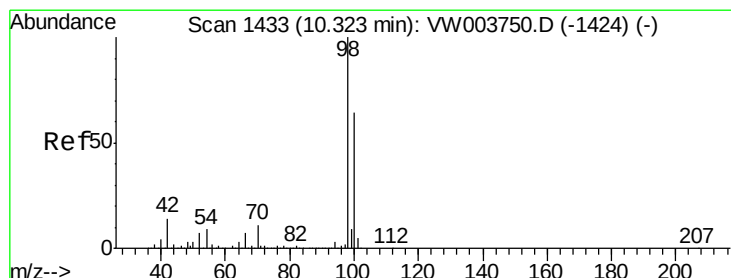
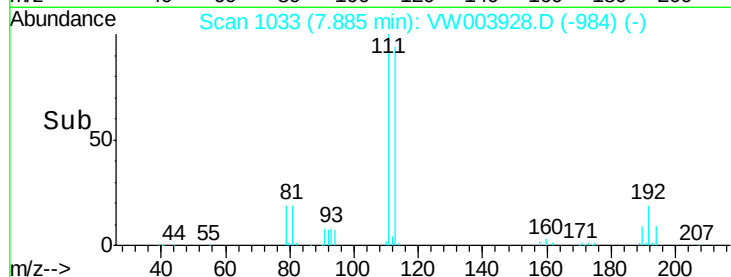
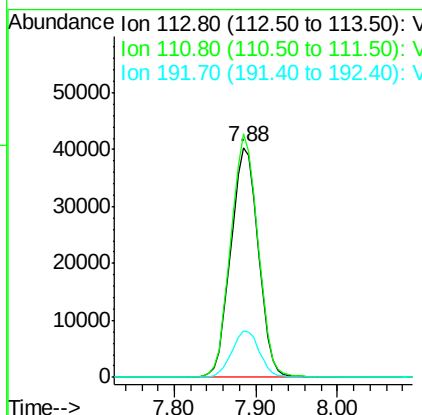
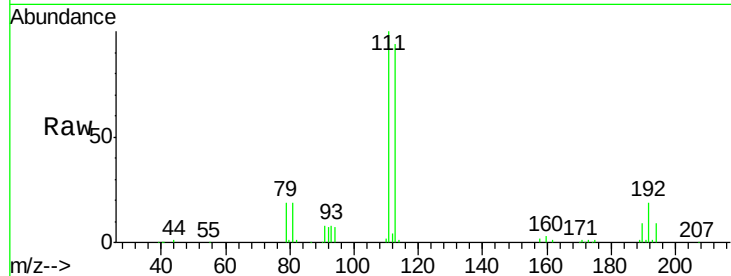




#35
 Dibromofluoromethane
 Concen: 46.00 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003928.D
 Acq: 13 Jul 2018 21:03

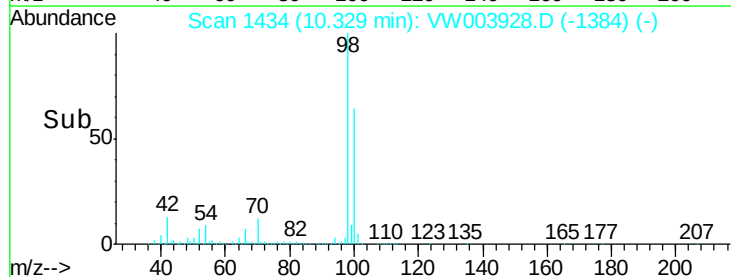
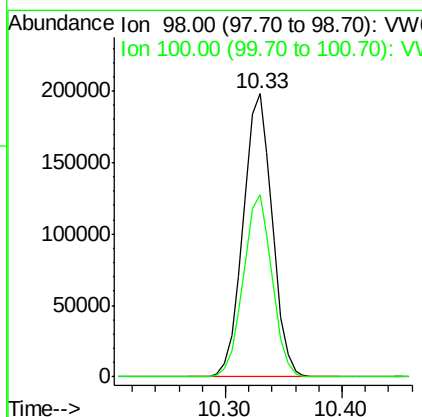
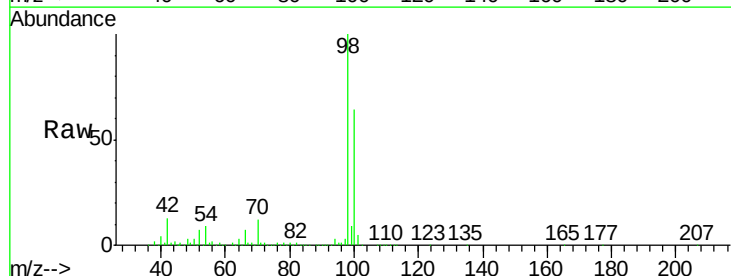
Instrument :
 MSVOA_W
 ClientSampled :
 PAR-3RE

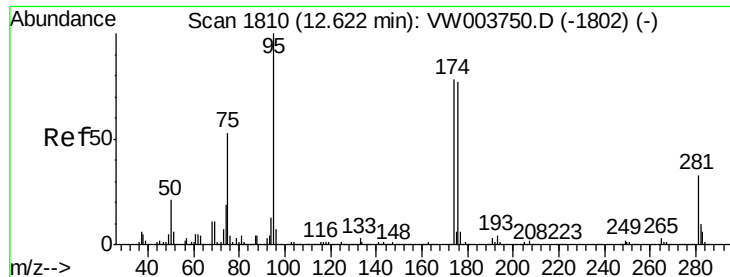
Tot Ion:113 Resp: 94039
 Ion Ratio Lower Upper
 113 100
 111 104.7 81.7 122.5
 192 20.3 15.8 23.8



#50
 Toluene-d8
 Concen: 44.16 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: VW003928.D
 Acq: 13 Jul 2018 21:03

Tgt Ion: 98 Resp: 345333
 Ion Ratio Lower Upper
 98 100
 100 63.3 50.8 76.2

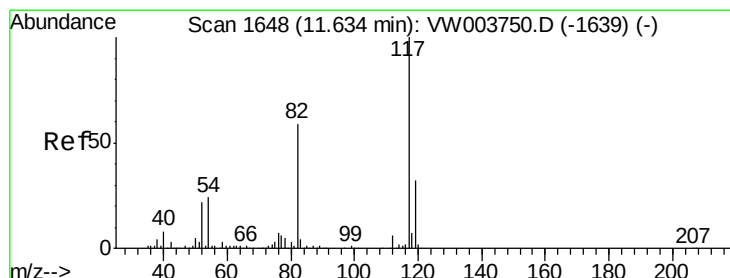
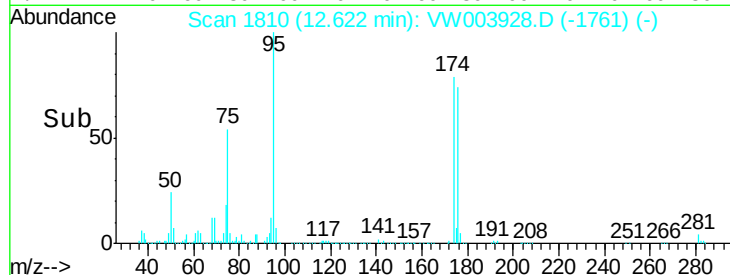
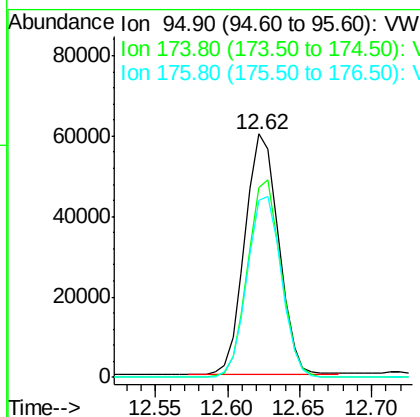
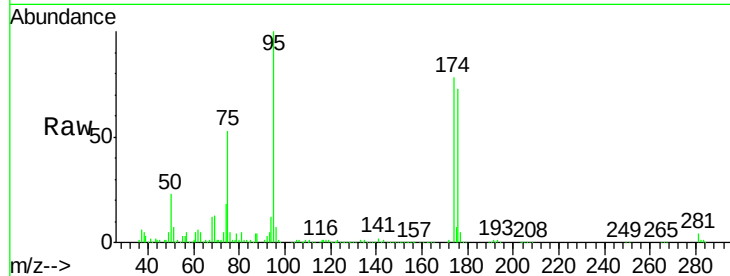




#62
4-Bromofluorobenzene
Concen: 34.39 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW003928.D
Acq: 13 Jul 2018 21:03

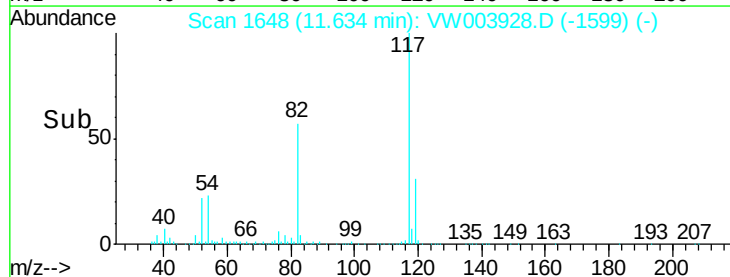
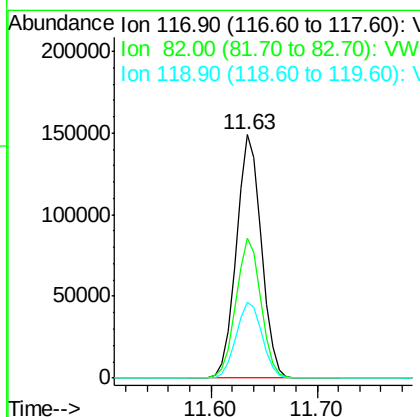
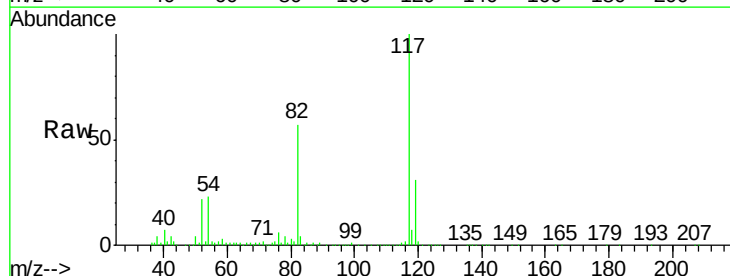
Instrument :
MSVOA_W
ClientSampleId :
PAR-3RE

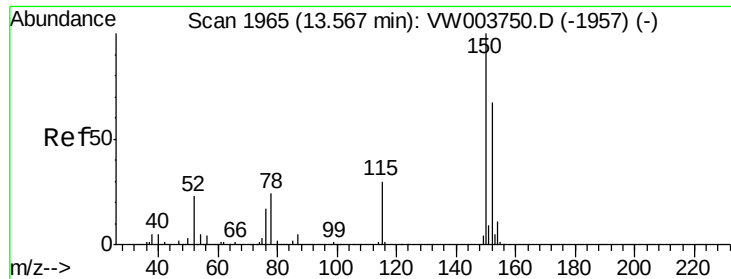
Tot Ion: 95 Resp: 97281
Ion Ratio Lower Upper
95 100
174 80.4 0.0 163.4
176 75.8 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003928.D
Acq: 13 Jul 2018 21:03

Tgt Ion: 117 Resp: 245022
Ion Ratio Lower Upper
117 100
82 57.2 46.9 70.3
119 31.1 25.5 38.3

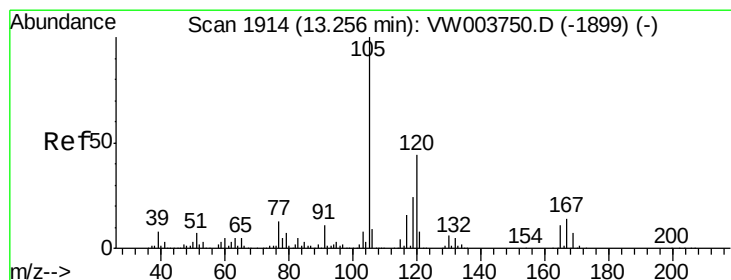
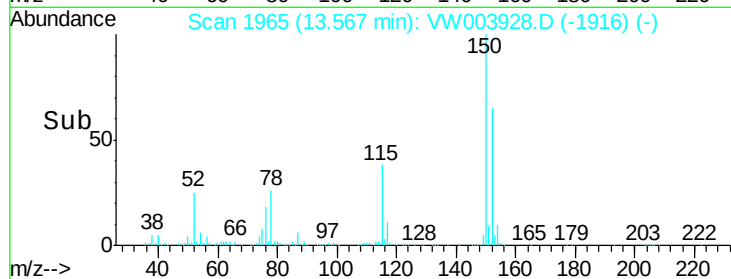
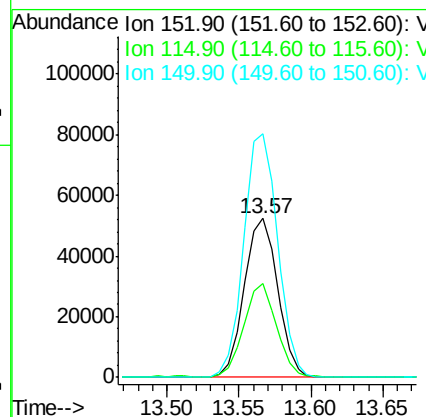
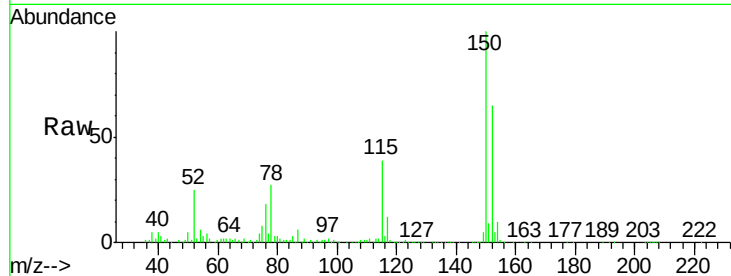




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.57 min Scan# 1965
 Delta R.T. -0.00 min
 Lab File: VW003928.D
 Acq: 13 Jul 2018 21:03

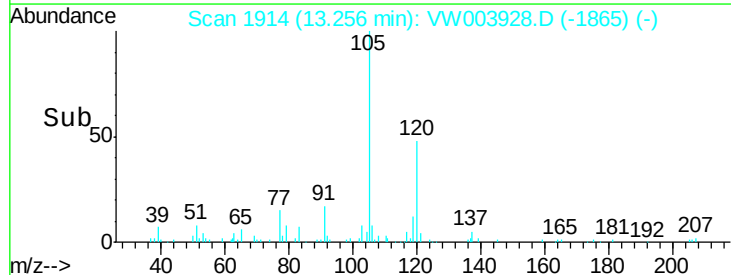
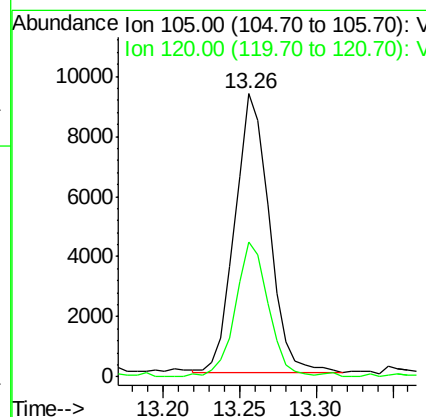
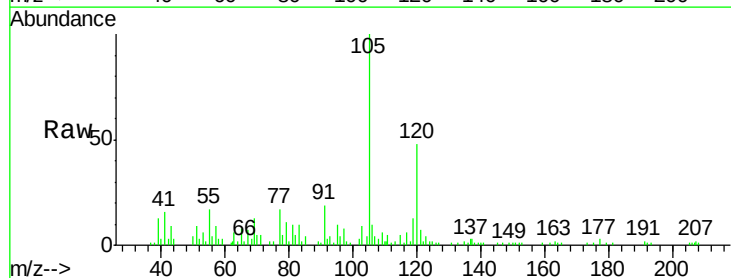
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 ClientSampleId :
 PAR-3RE

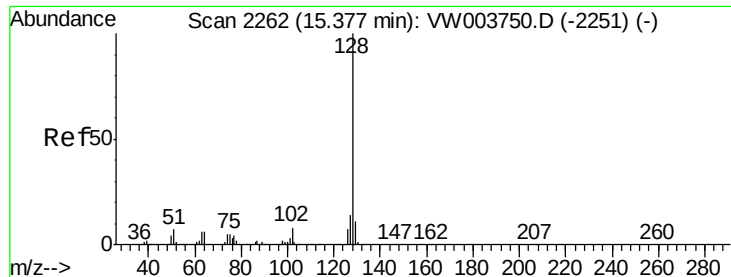
Tot Ion:152 Resp: 84231
 Ion Ratio Lower Upper
 152 100
 115 57.8 28.9 86.8
 150 155.8 0.0 342.4



#84
 1,2,4-Trimethylbenzene
 Concen: 2.83 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW003928.D
 Acq: 13 Jul 2018 21:03

Tgt Ion:105 Resp: 14455
 Ion Ratio Lower Upper
 105 100
 120 47.2 22.0 66.0





#95
Naphthalene
Concen: 394.42 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VW003928.D
Acq: 13 Jul 2018 21:03

Instrument :
MSVOA_W
ClientSampleId :
PAR-3RE

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.8	16.2
129	10.9	8.6	13.0

