

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090519\
 Data File : VW012670.D
 Acq On : 06 Sep 2019 04:47
 Operator : SY/VA
 Sample : K4579-15
 Misc : 6.16G/5ML/MSVOA W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-12-B3-(3.5)

Quant Time: Sep 06 08:48:35 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

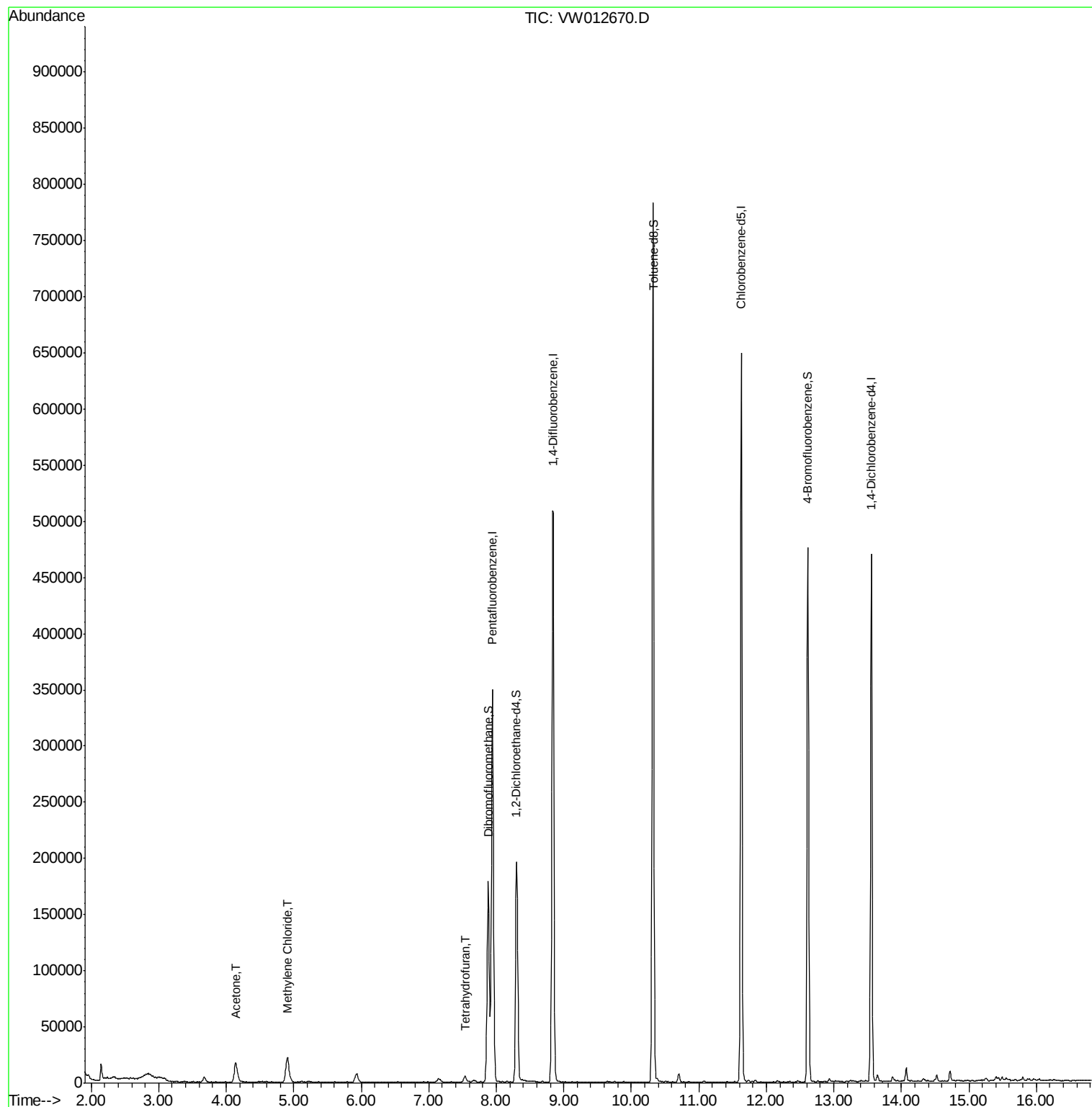
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	258182	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	409978	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	335600	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	120085	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	165636	53.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.94%	
35) Dibromofluoromethane	7.88	113	125517	51.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.58%	
50) Toluene-d8	10.32	98	498973	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.58%	
62) 4-Bromofluorobenzene	12.62	95	148104	42.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.68%	
Target Compounds						
16) Acetone	4.14	43	38308	48.829	ug/l	97
20) Methylene Chloride	4.90	84	16475	5.555	ug/l	91
29) Tetrahydrofuran	7.53	42	4709	7.362	ug/l	94

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

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Instrument :

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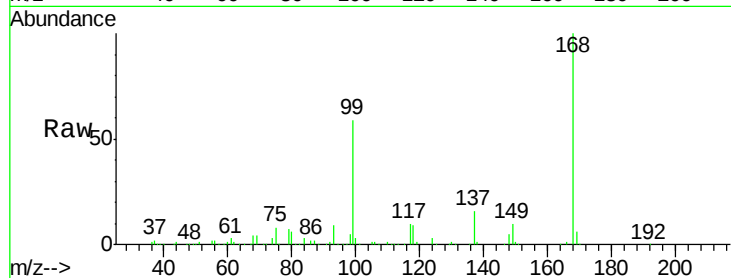
PAR-12-B3-(3.5)

Tot Ion:168 Resp: 258182

Ion Ratio Lower Upper

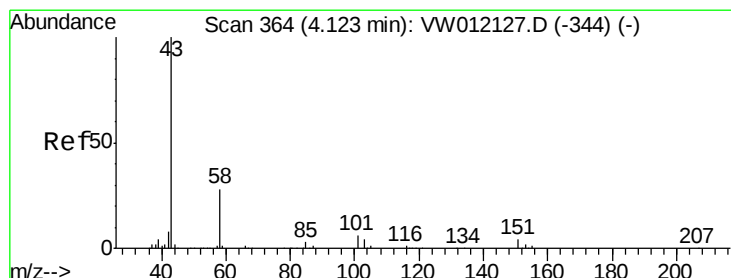
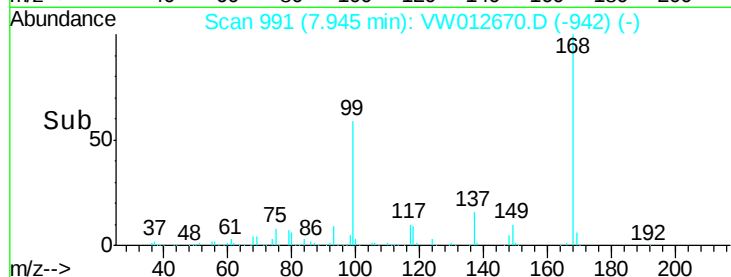
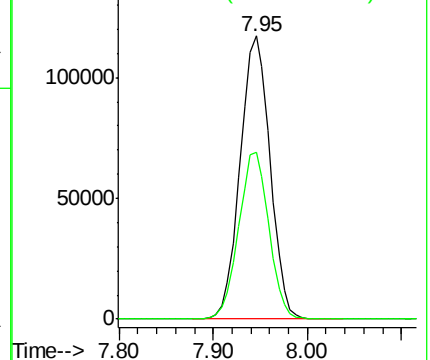
168 100

99 58.9 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 48.829 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW012670.D

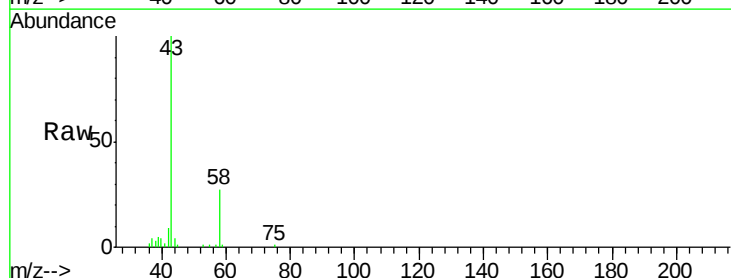
Acq: 06 Sep 2019 04:47

Tgt Ion: 43 Resp: 38308

Ion Ratio Lower Upper

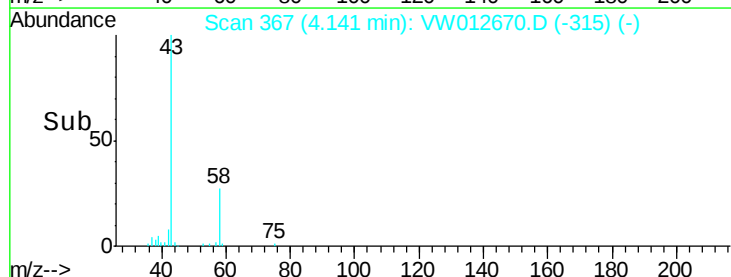
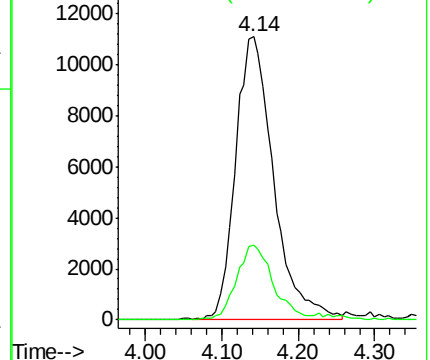
43 100

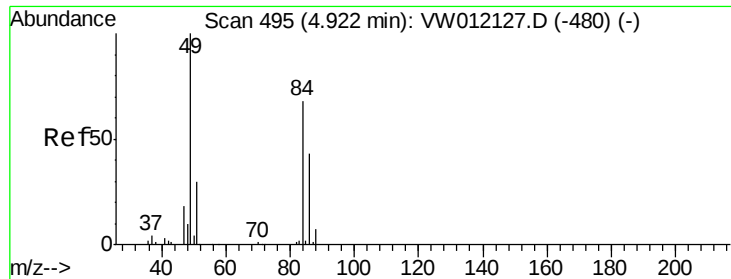
58 26.5 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

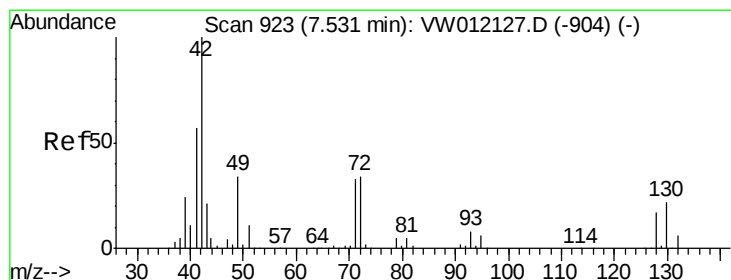
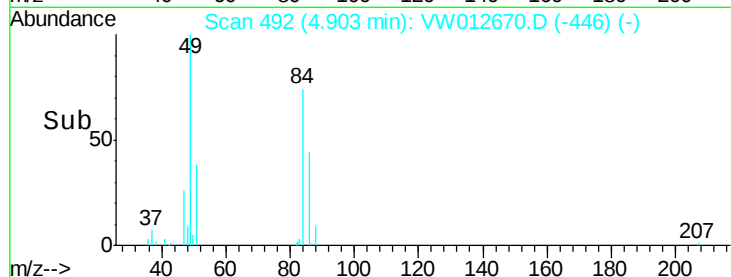
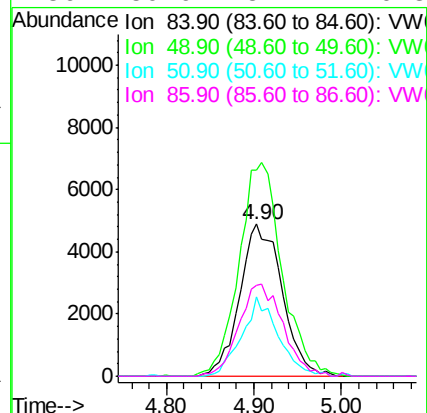
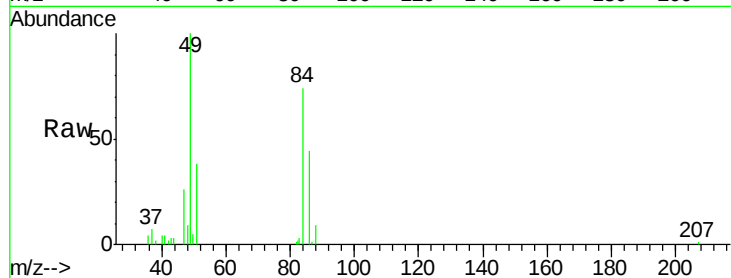




#20
Methvlene Chloride
Concen: 5.555 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.02 min
Lab File: VW012670.D
Acq: 06 Sep 2019 04:47

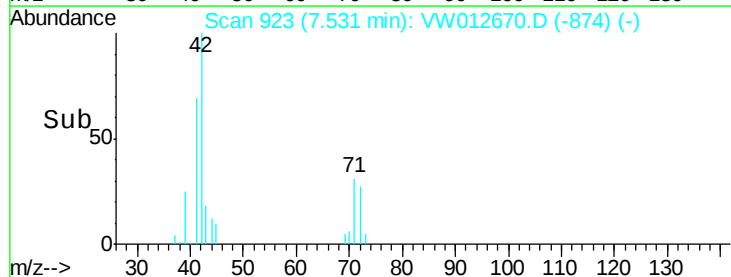
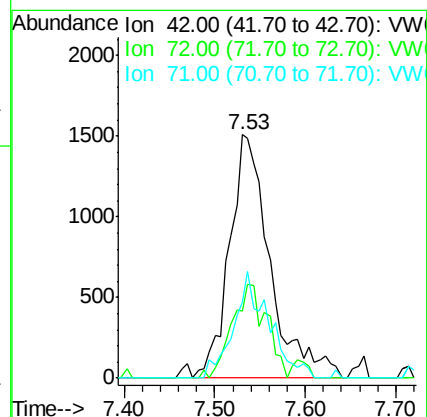
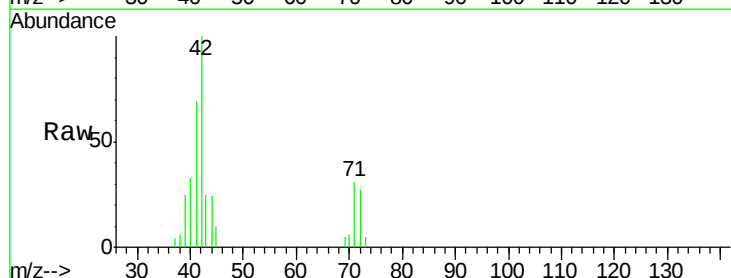
Instrument :
MSVOA_W
ClientSampleId :
PAR-12-B3-(3.5)

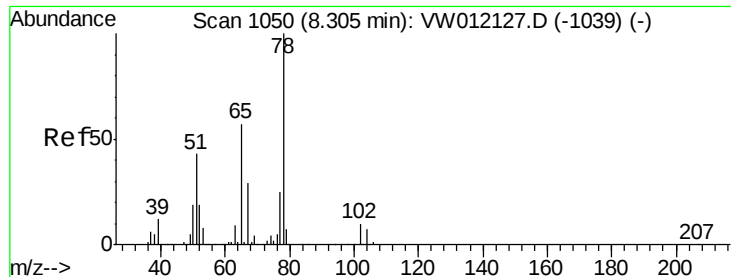
Tot Ion:	84	Resp:	16475
Ion	Ratio	Lower	Upper
84	100		
49	135.2	117.8	176.8
51	51.9	35.6	53.4
86	59.9	51.2	76.8



#29
Tetrahydrofuran
Concen: 7.362 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012670.D
Acq: 06 Sep 2019 04:47

Tgt Ion:	42	Resp:	4709
Ion	Ratio	Lower	Upper
42	100		
72	32.6	27.3	40.9
71	37.6	25.5	38.3





#33

1,2-Dichloroethane-d4

Concen: 53.968 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW012670.D

Acq: 06 Sep 2019 04:47

Instrument :

MSVOA_W

ClientSampleId :

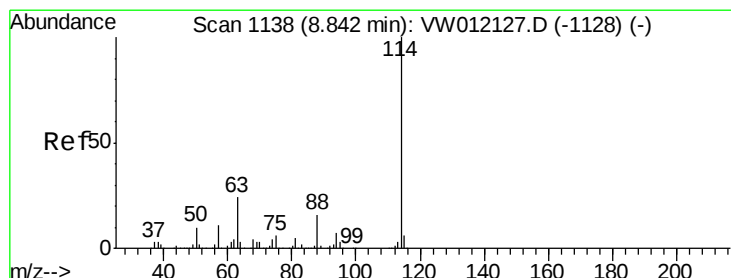
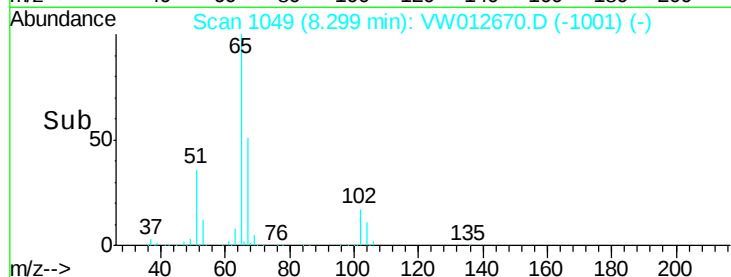
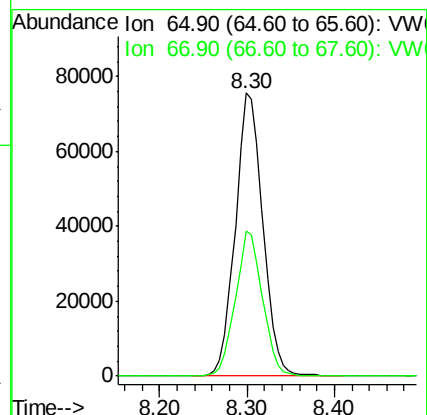
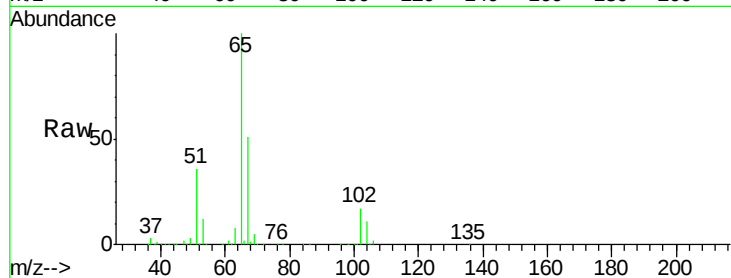
PAR-12-B3-(3.5)

Tot Ion: 65 Resp: 165636

Ion Ratio Lower Upper

65 100

67 50.3 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012670.D

Acq: 06 Sep 2019 04:47

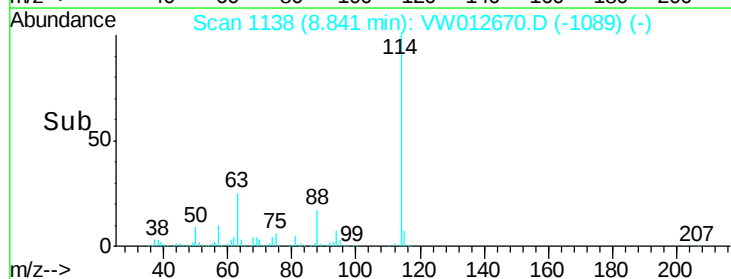
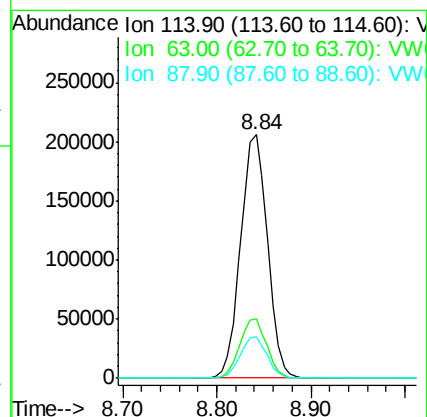
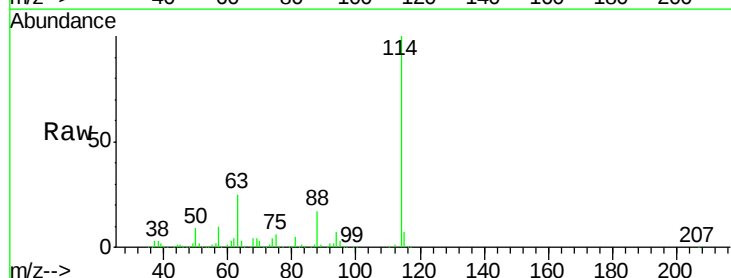
Tgt Ion: 114 Resp: 409978

Ion Ratio Lower Upper

114 100

63 24.5 0.0 48.6

88 17.0 0.0 32.2





#35

Dibromofluoromethane

Concen: 51.291 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012670.D

Acq: 06 Sep 2019 04:47

Instrument :

MSVOA_W

ClientSampleId :

PAR-12-B3-(3.5)

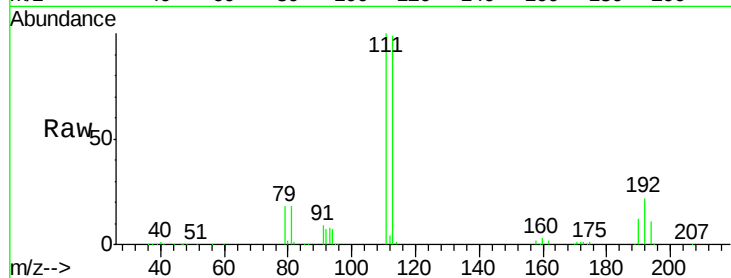
Tot Ion:113 Resp: 125517

Ion Ratio Lower Upper

113 100

111 103.2 82.7 124.1

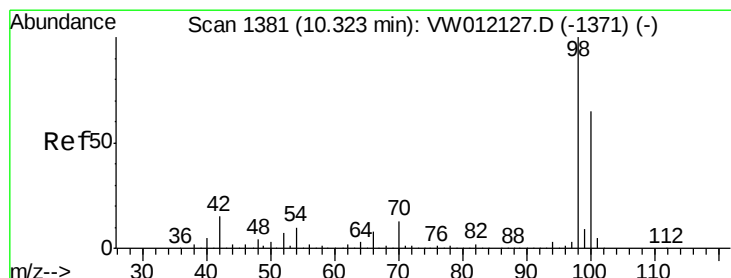
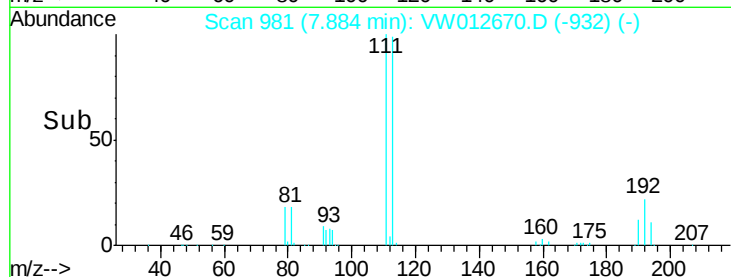
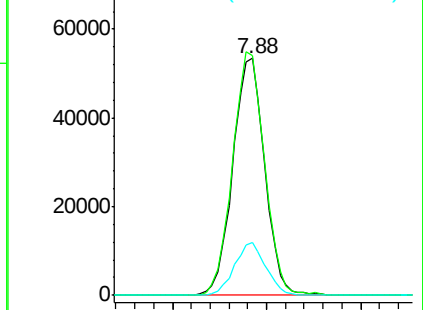
192 21.8 16.2 24.2



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: 50.287 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012670.D

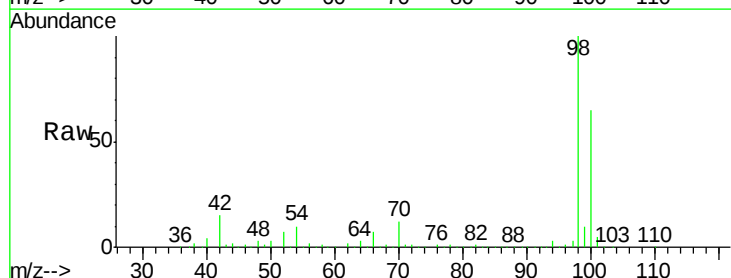
Acq: 06 Sep 2019 04:47

Tgt Ion: 98 Resp: 498973

Ion Ratio Lower Upper

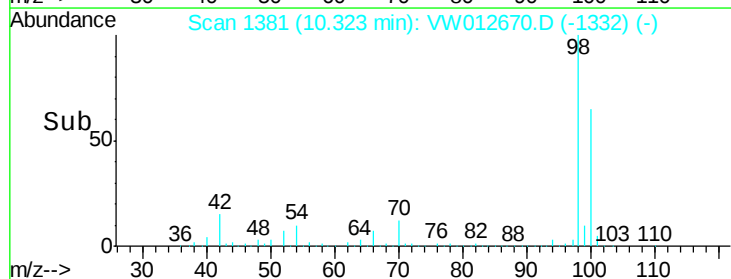
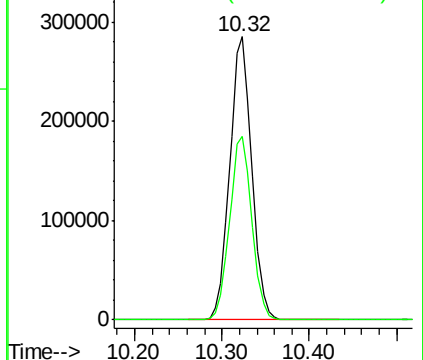
98 100

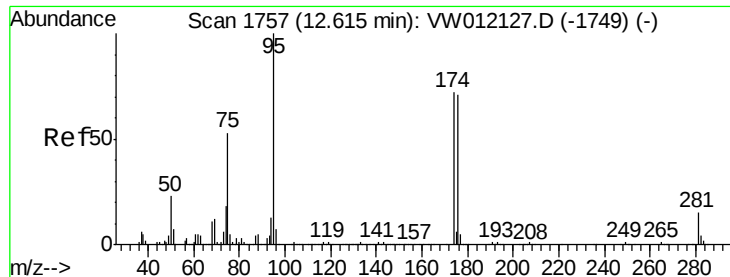
100 65.6 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

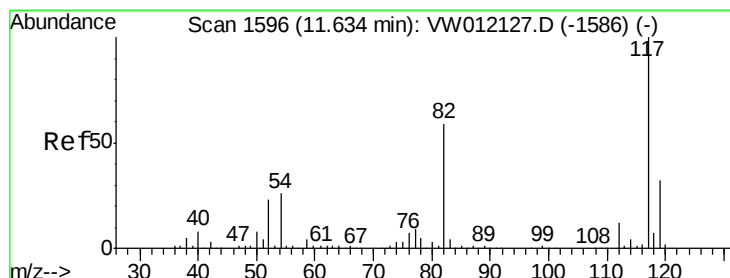
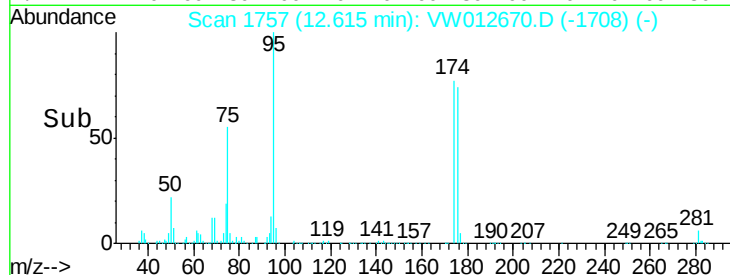
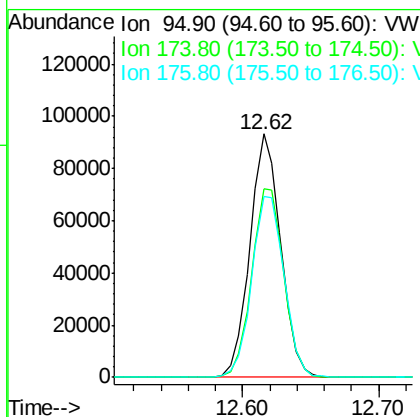
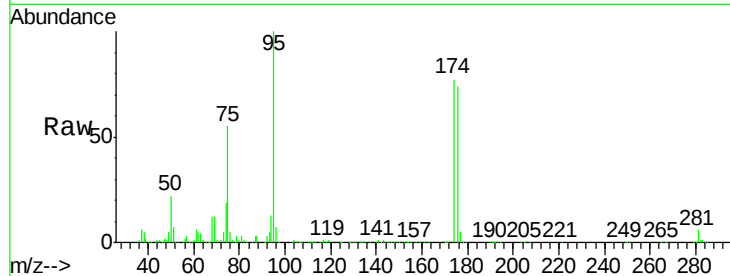




#62
4-Bromofluorobenzene
Concen: 42.343 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012670.D
Acq: 06 Sep 2019 04:47

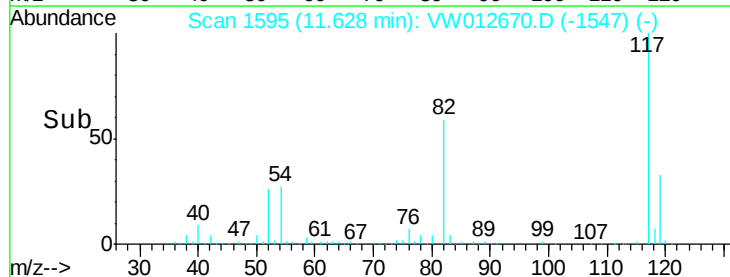
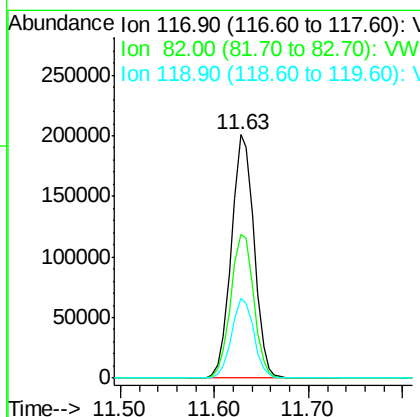
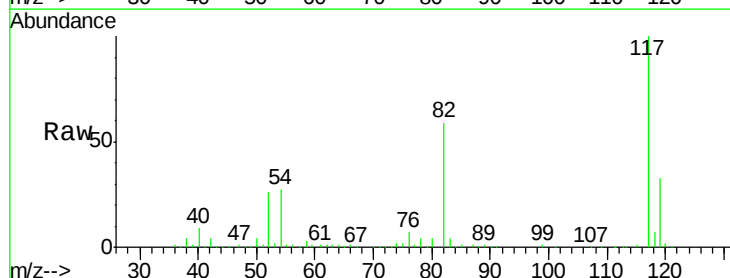
Instrument :
MSVOA_W
ClientSampleId :
PAR-12-B3-(3.5)

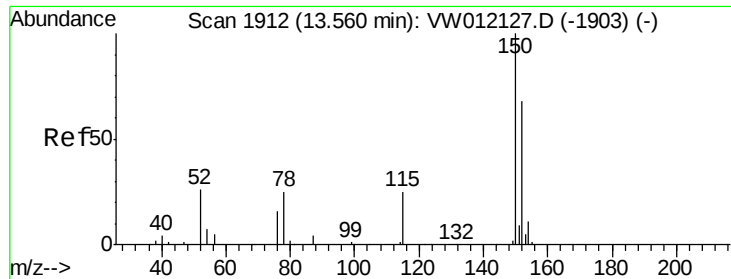
Tot Ion: 95 Resp: 148104
Ion Ratio Lower Upper
95 100
174 80.5 0.0 150.8
176 78.4 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012670.D
Acq: 06 Sep 2019 04:47

Tgt Ion: 117 Resp: 335600
Ion Ratio Lower Upper
117 100
82 58.9 47.4 71.2
119 32.7 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012670.D

Acq: 06 Sep 2019 04:47

Instrument :

MSVOA_W

ClientSampleId :

PAR-12-B3-(3.5)

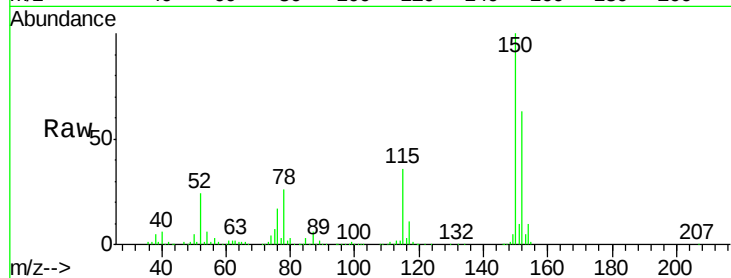
Tot Ion:152 Resp: 120085

Ion Ratio Lower Upper

152 100

115 60.1 30.1 90.3

150 159.3 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

