

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090819\
 Data File : VW012767.D
 Acq On : 08 Sep 2019 14:19
 Operator : SY/VA
 Sample : K4603-04
 Misc : 4.58G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-E2-(0)

Quant Time: Sep 09 07:26:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

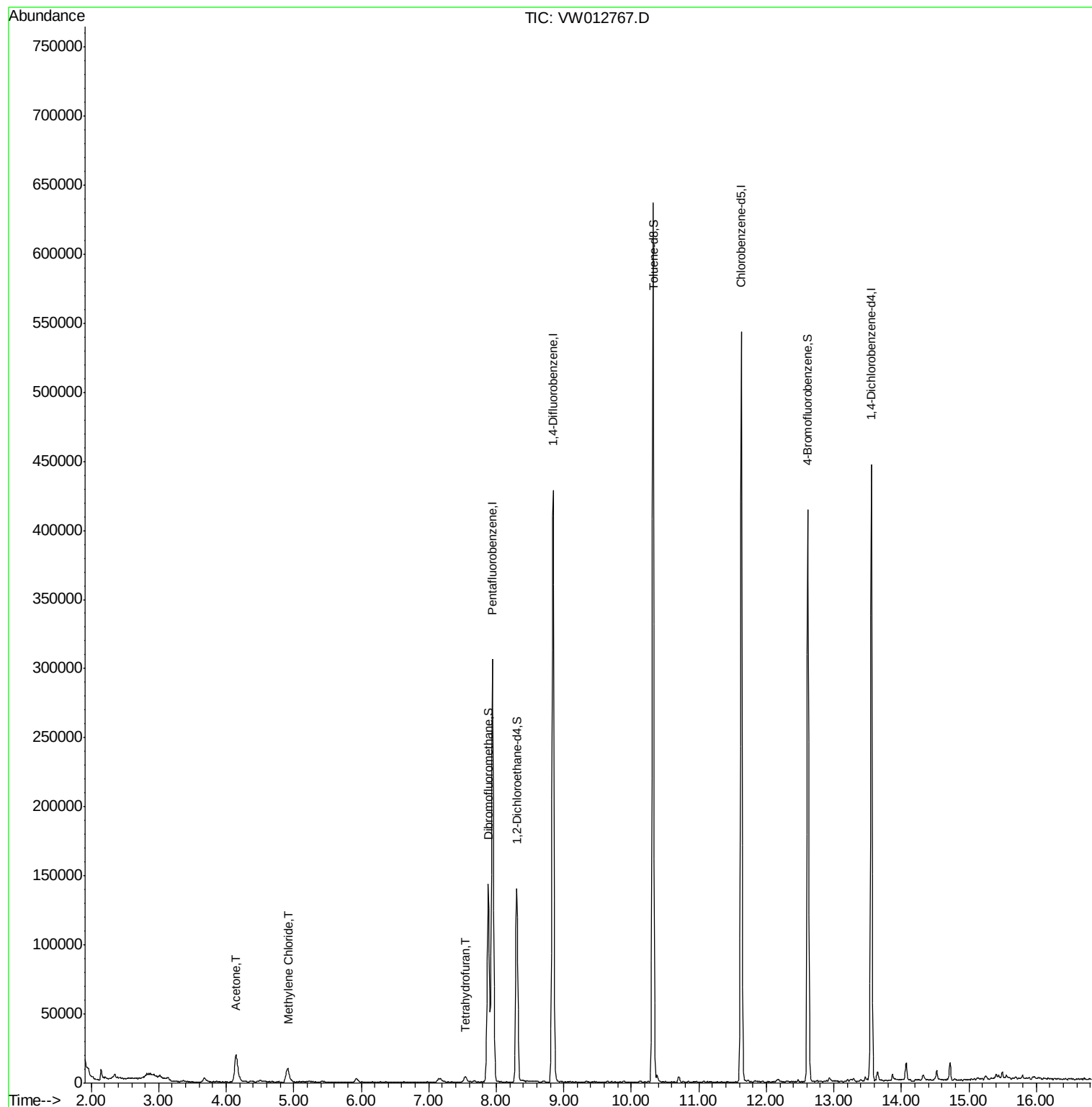
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	222837	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	339291	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	278803	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	113260	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	119349	47.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.86%	
35) Dibromofluoromethane	7.88	113	101850	50.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.98%	
50) Toluene-d8	10.32	98	407549	51.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.14%	
62) 4-Bromofluorobenzene	12.62	95	124351	43.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.68%	
Target Compounds						
16) Acetone	4.15	43	44149	65.042	ug/l	93
20) Methylene Chloride	4.92	84	7585	3.572	ug/l #	75
29) Tetrahydrofuran	7.54	42	3726	6.798	ug/l	98

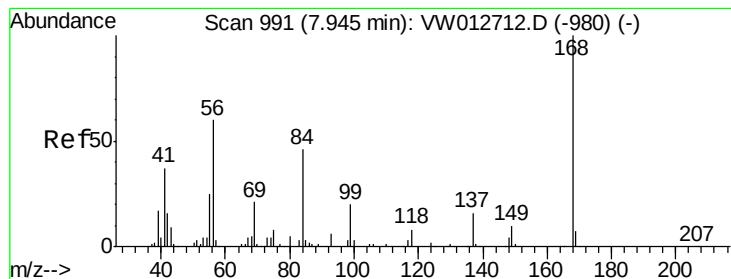
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 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: VW012767.D

Acq: 08 Sep 2019 14:19

Instrument :

MSVOA_W

ClientSampleId :

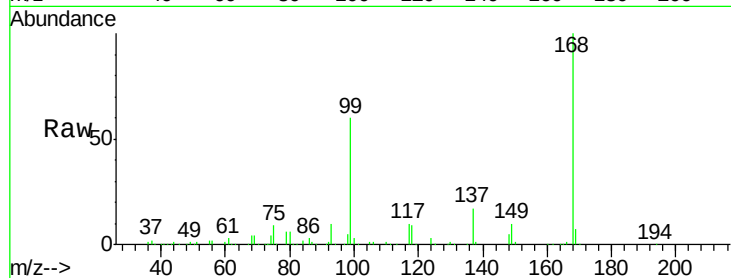
PAR-E2-(0)

Tot Ion:168 Resp: 222837

Ion Ratio Lower Upper

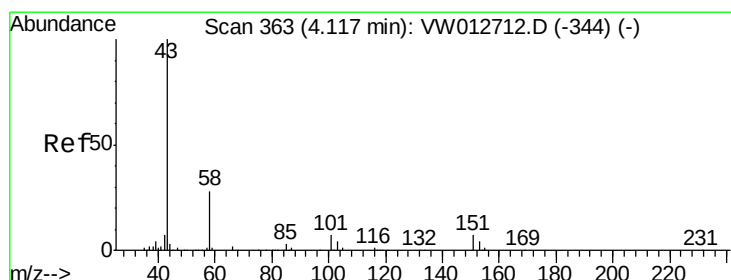
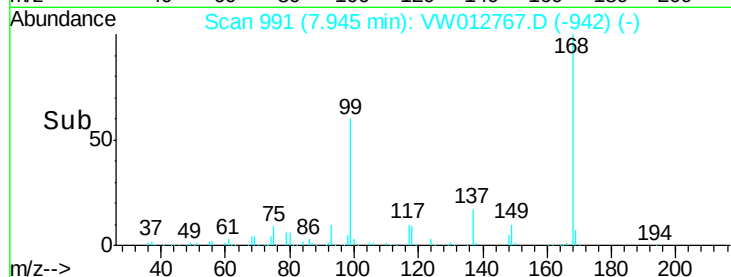
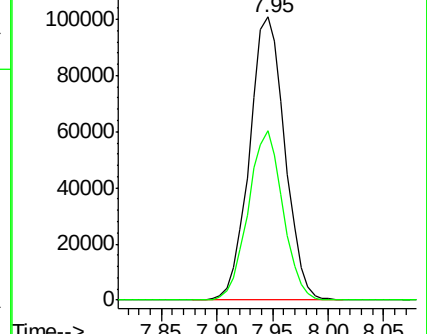
168 100

99 60.0 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 65.042 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.03 min

Lab File: VW012767.D

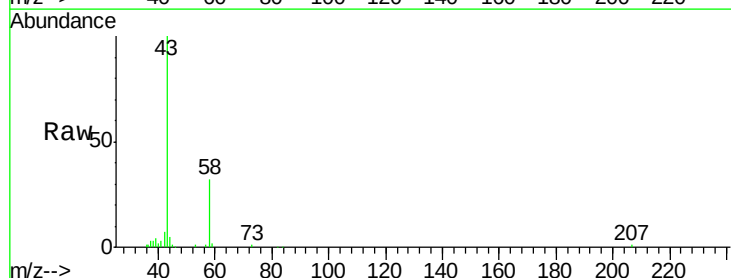
Acq: 08 Sep 2019 14:19

Tgt Ion: 43 Resp: 44149

Ion Ratio Lower Upper

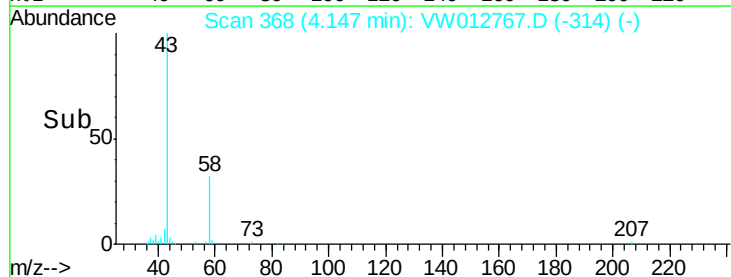
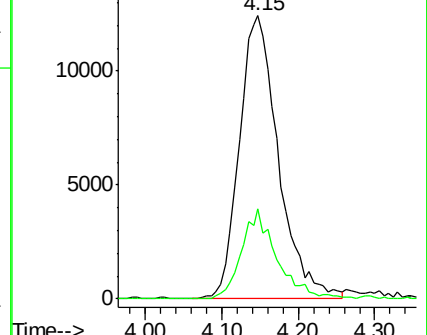
43 100

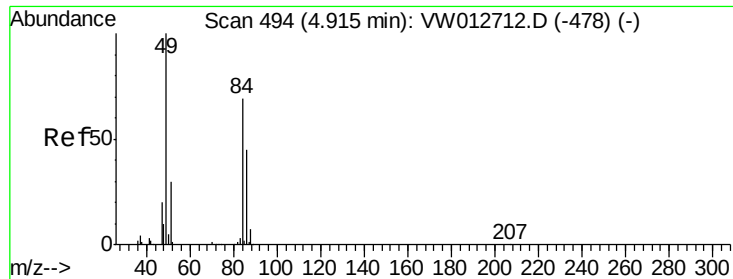
58 31.8 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

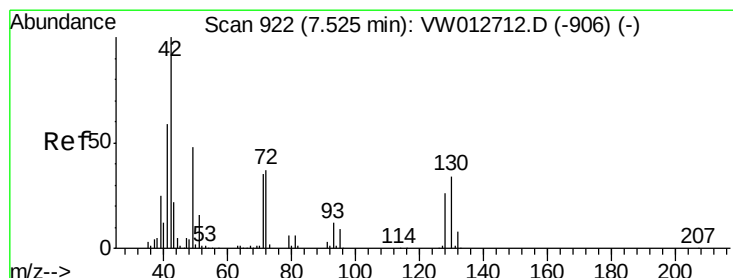
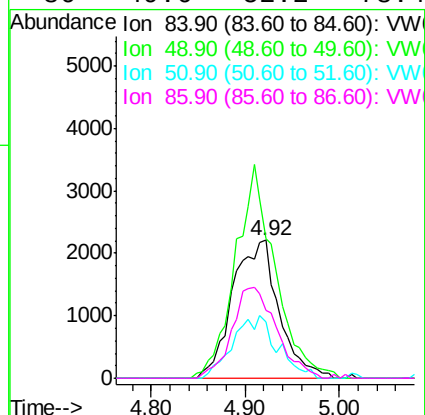
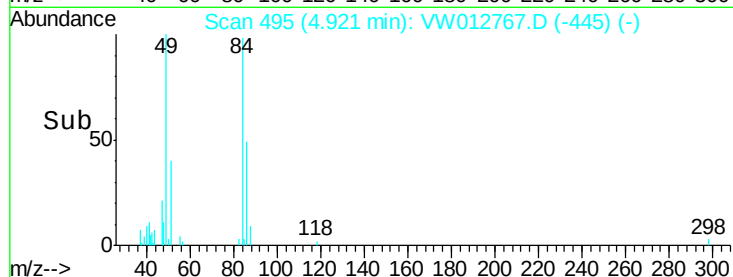
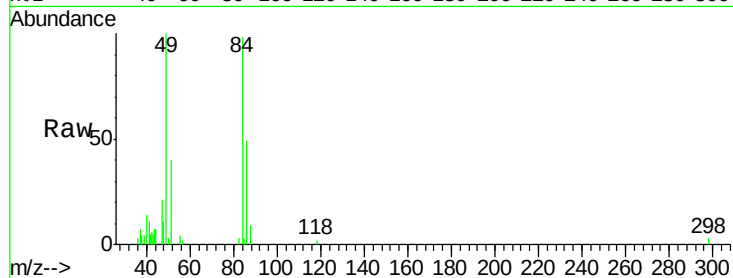




#20
Methylene Chloride
Concen: 3.572 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW012767.D
Acq: 08 Sep 2019 14:19

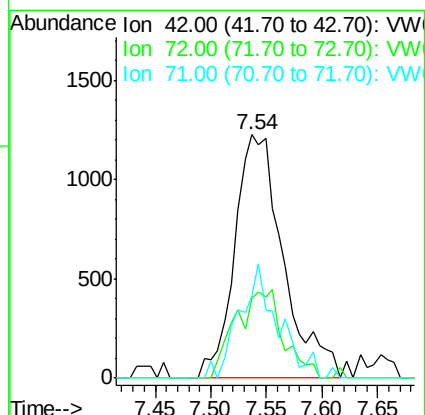
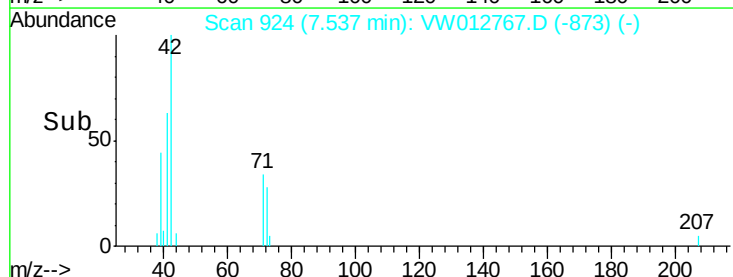
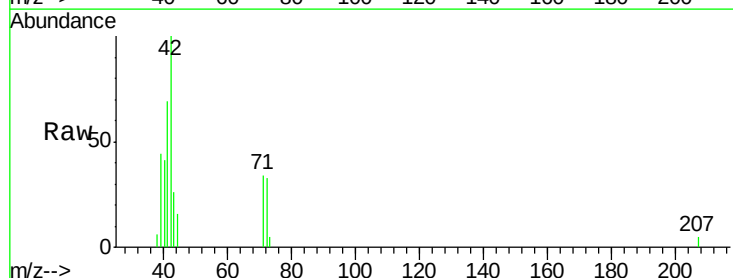
Instrument :
MSVOA_W
ClientSampleId :
PAR-E2-(0)

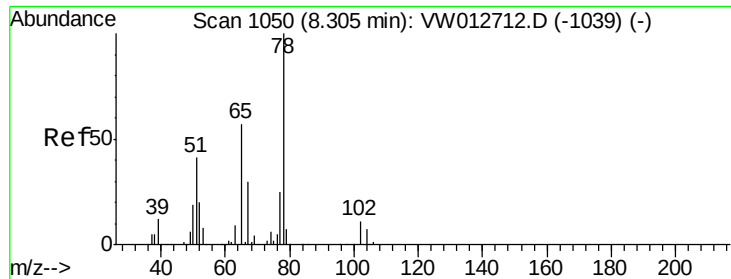
Tot Ion: 84 Resp: 7585
Ion Ratio Lower Upper
84 100
49 101.8 115.4 173.0#
51 40.8 34.9 52.3
86 49.6 52.2 78.4#



#29
Tetrahydrofuran
Concen: 6.798 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012767.D
Acq: 08 Sep 2019 14:19

Tgt Ion: 42 Resp: 3726
Ion Ratio Lower Upper
42 100
72 35.4 28.4 42.6
71 36.6 27.1 40.7

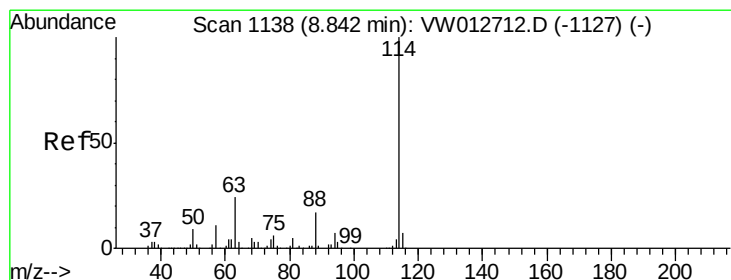
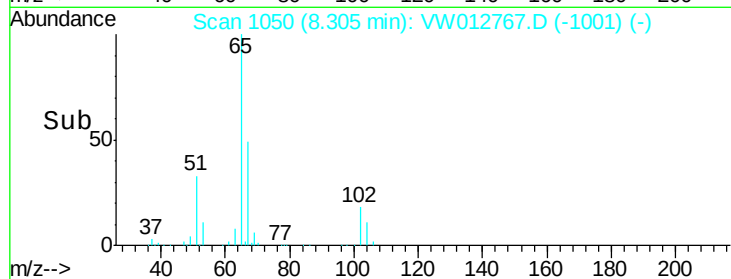
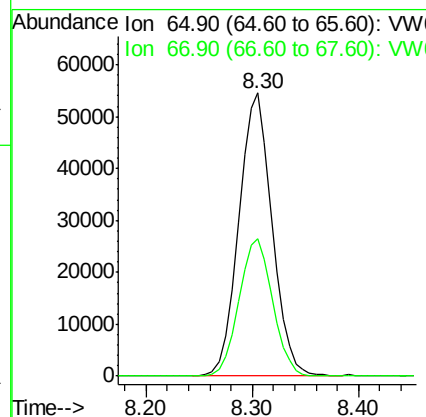
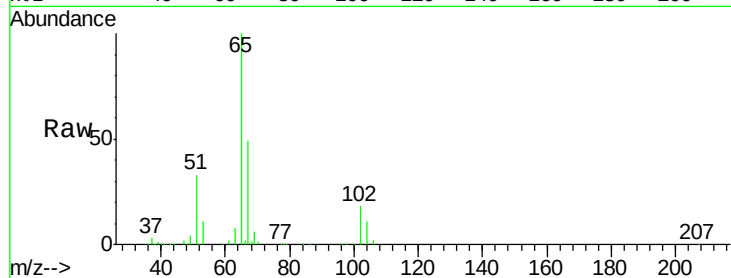




#33
 1,2-Dichloroethane-d4
 Concen: 47.935 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012767.D
 Acq: 08 Sep 2019 14:19

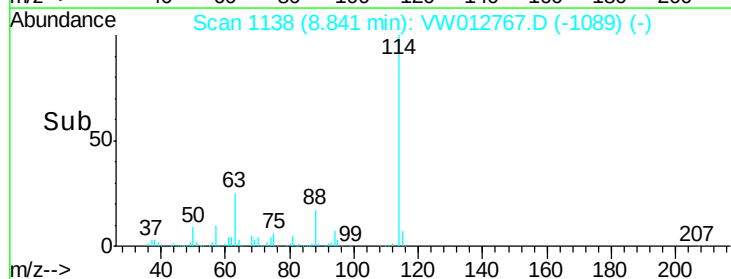
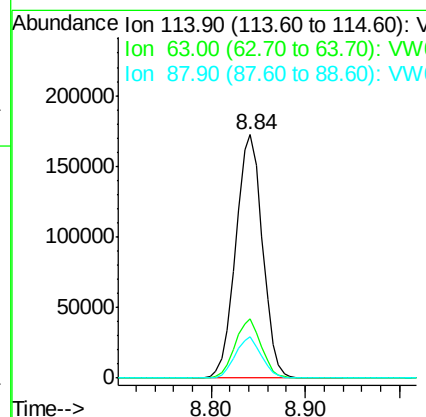
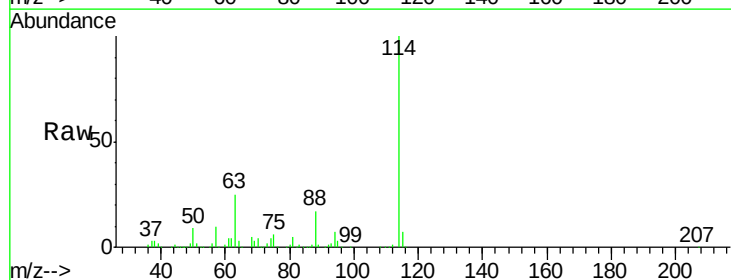
Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-E2-(0)

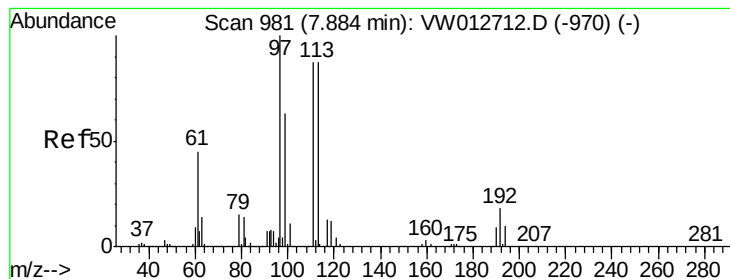
Tot Ion: 65 Resp: 119349
 Ion Ratio Lower Upper
 65 100
 67 49.1 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012767.D
 Acq: 08 Sep 2019 14:19

Tgt Ion: 114 Resp: 339291
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 47.2
 88 16.9 0.0 34.0





#35

Dibromofluoromethane

Concen: 50.491 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012767.D

Acq: 08 Sep 2019 14:19

Instrument :

MSVOA_W

ClientSampleId :

PAR-E2-(0)

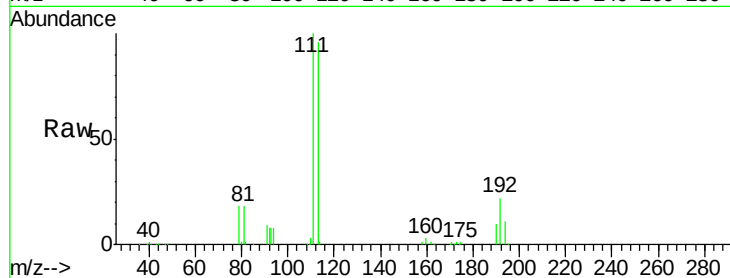
Tot Ion:113 Resp: 101850

Ion Ratio Lower Upper

113 100

111 102.2 80.2 120.4

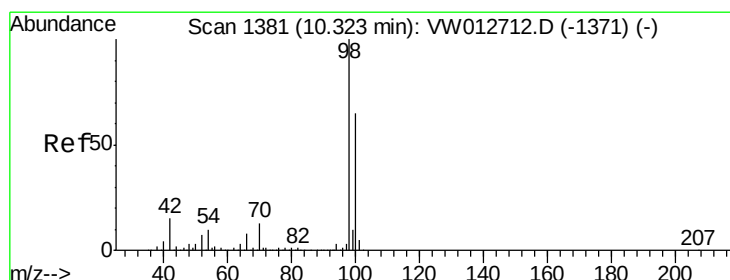
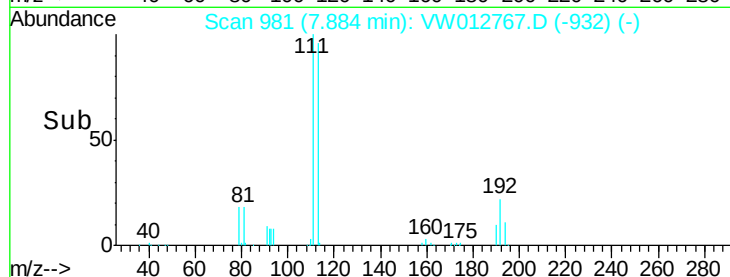
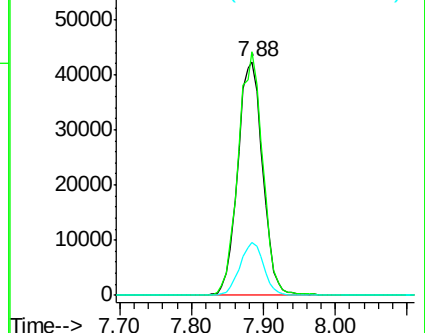
192 21.6 17.3 25.9



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: 51.570 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012767.D

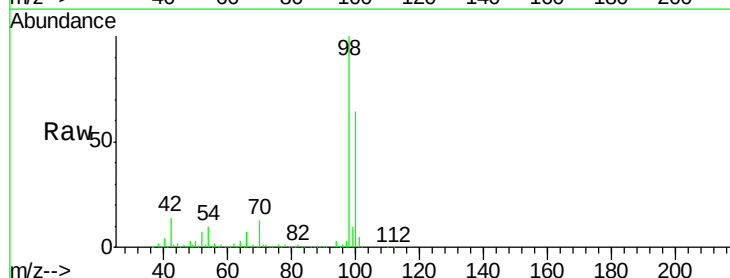
Acq: 08 Sep 2019 14:19

Tgt Ion: 98 Resp: 407549

Ion Ratio Lower Upper

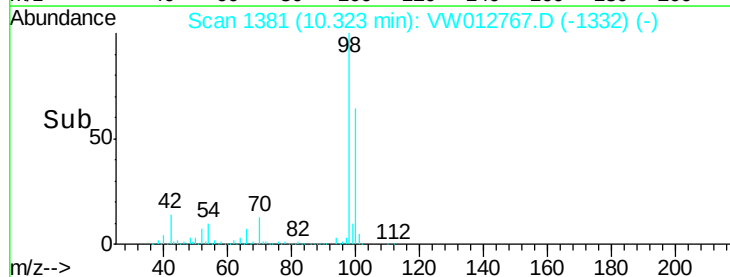
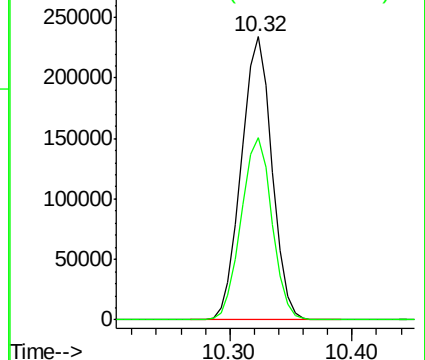
98 100

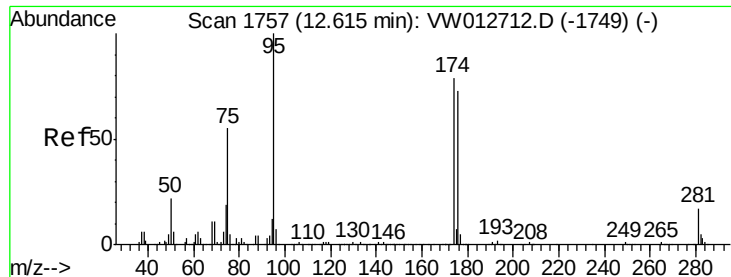
100 64.9 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

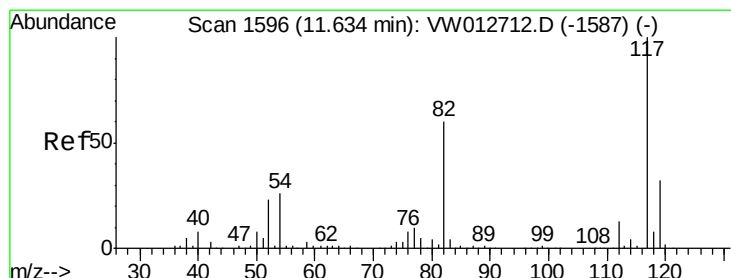
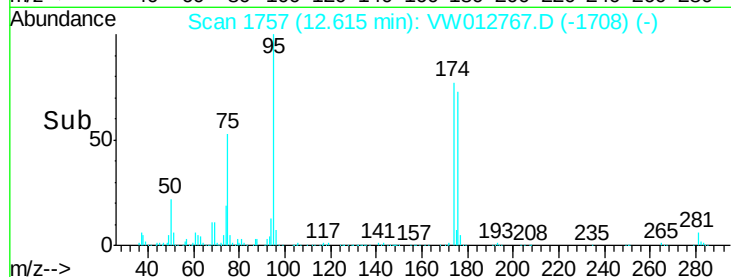
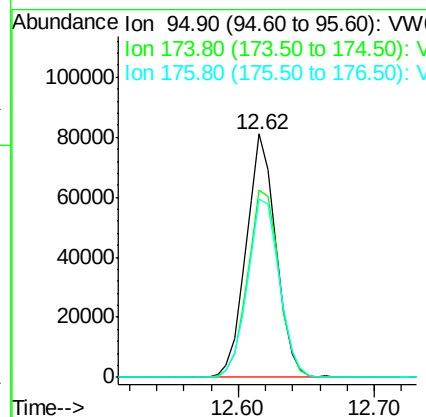
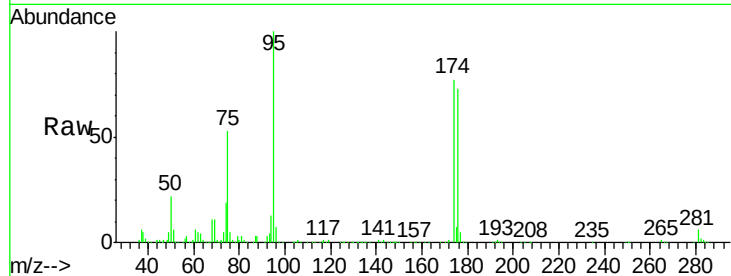




#62
4-Bromofluorobenzene
Concen: 43.343 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012767.D
Acq: 08 Sep 2019 14:19

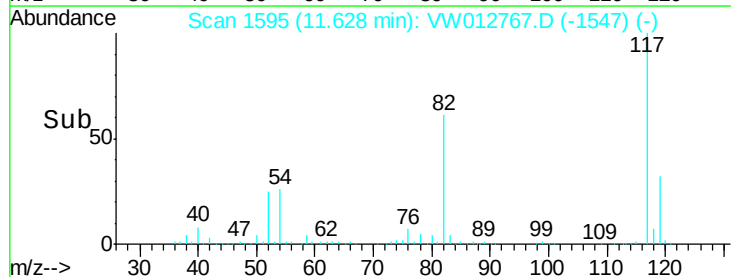
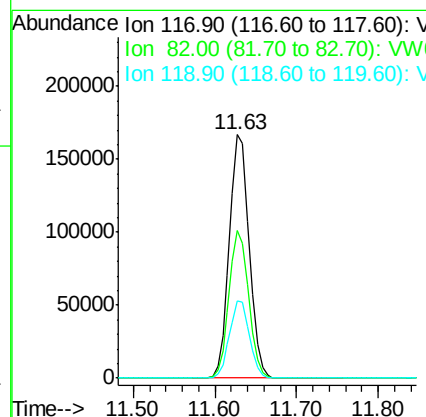
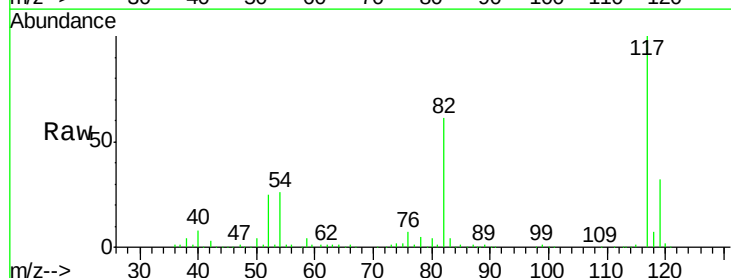
Instrument :
MSVOA_W
ClientSampleId :
PAR-E2-(0)

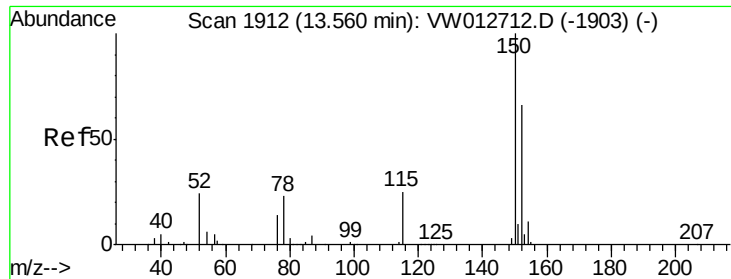
Tot Ion	95	Resp	124351
Ion Ratio	Lower	Upper	
95	100		
174	81.3	0.0	161.0
176	78.3	0.0	156.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012767.D
Acq: 08 Sep 2019 14:19

Tgt Ion	117	Resp	278803
Ion Ratio	Lower	Upper	
117	100		
82	60.5	48.2	72.4
119	31.7	25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW012767.D

Acq: 08 Sep 2019 14:19

Instrument :

MSVOA_W

ClientSampleId :

PAR-E2-(0)

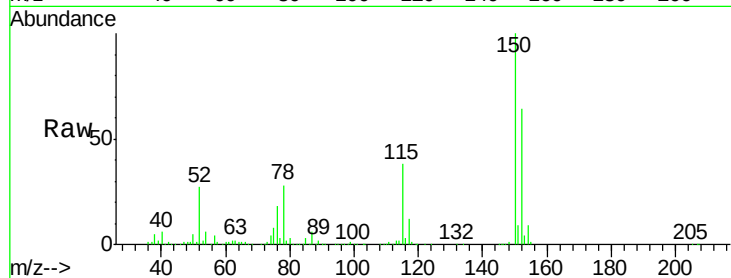
Tot Ion:152 Resp: 113260

Ion Ratio Lower Upper

152 100

115 59.9 30.0 90.1

150 158.3 0.0 349.0



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

