

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091119\
 Data File : VN057866.D
 Acq On : 10 Sep 2019 16:40
 Operator : JC/SP
 Sample : K4622-40
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PAR-11-C1-(0)

Quant Time: Sep 11 04:17:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

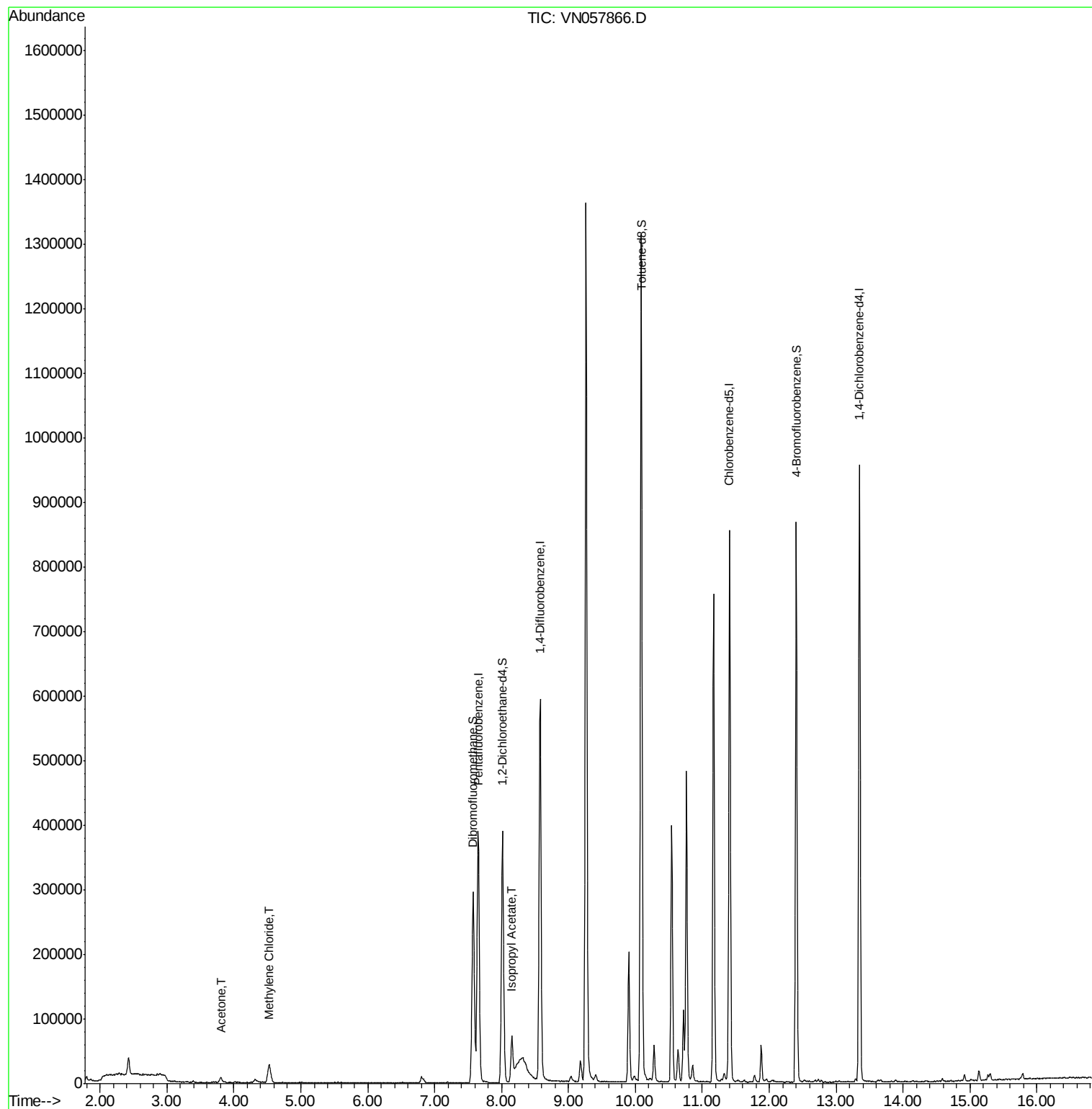
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	296615	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	508142	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	462125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	236240	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	326036	54.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.54%	
35) Dibromofluoromethane	7.57	113	222038	47.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.68%	
50) Toluene-d8	10.09	98	900687	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	
62) 4-Bromofluorobenzene	12.40	95	288616	41.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.18%	
Target Compounds						
16) Acetone	3.81	43	14401	7.312	ug/l	93
20) Methylene Chloride	4.53	84	20247	4.275	ug/l	96
43) Isopropyl Acetate	8.16	43	94068	9.187	ug/l #	89

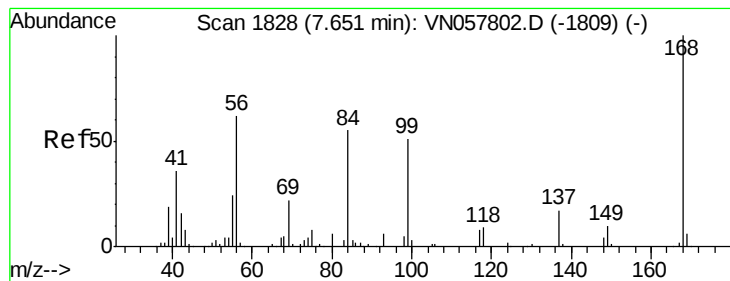
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057866.D

Acq: 10 Sep 2019 16:40

Instrument :

MSVOA_N

ClientSampled :

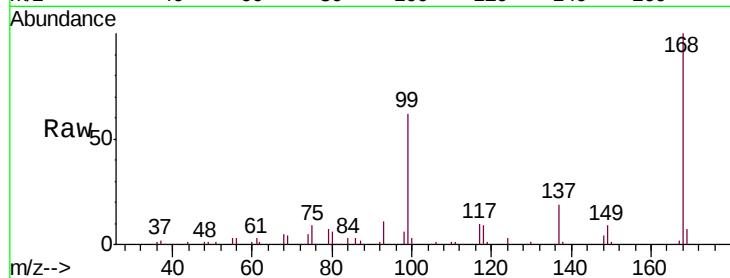
PAR-11-C1-(0)

Tgt Ion:168 Resp: 296615

Ion Ratio Lower Upper

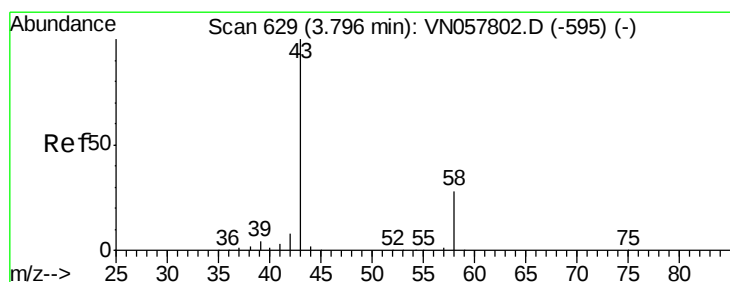
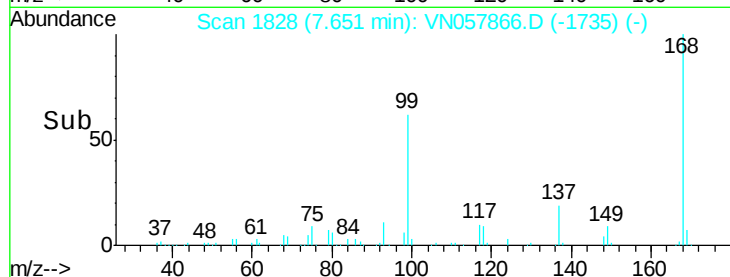
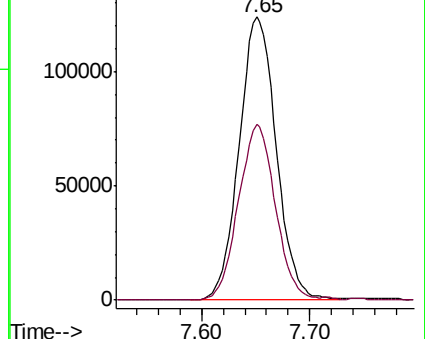
168 100

99 62.1 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 7.312 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN057866.D

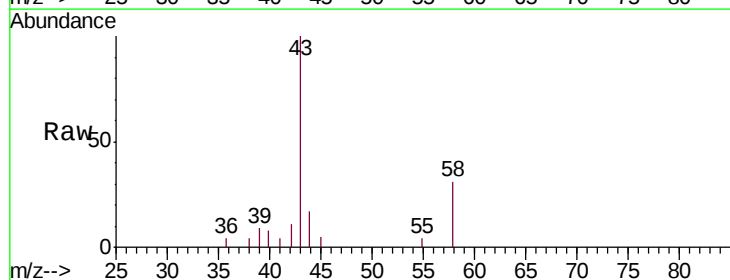
Acq: 10 Sep 2019 16:40

Tgt Ion: 43 Resp: 14401

Ion Ratio Lower Upper

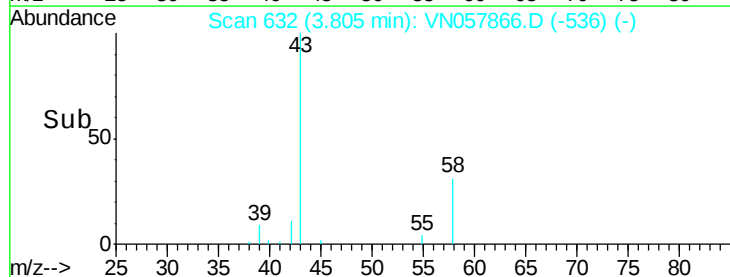
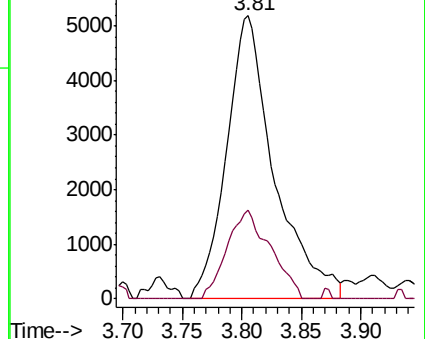
43 100

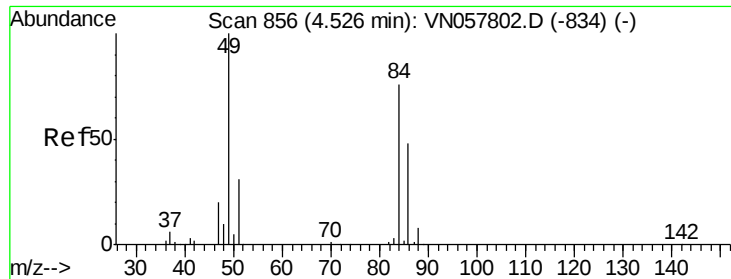
58 31.3 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

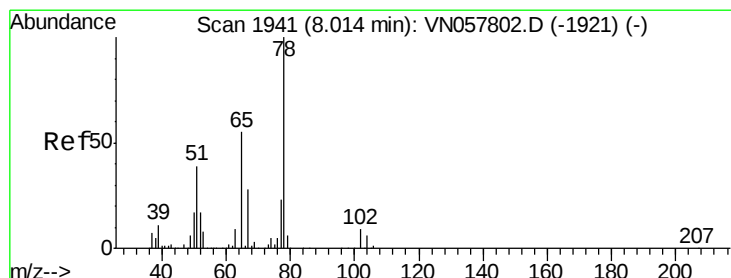
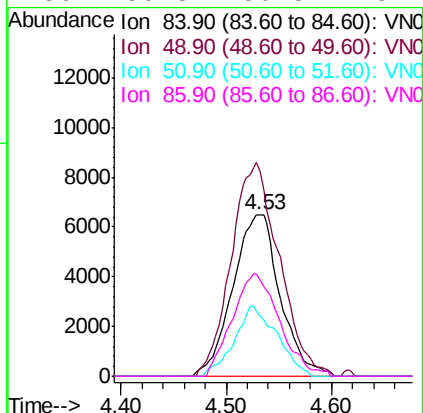
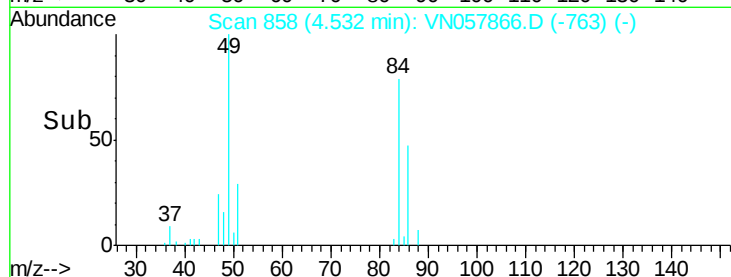
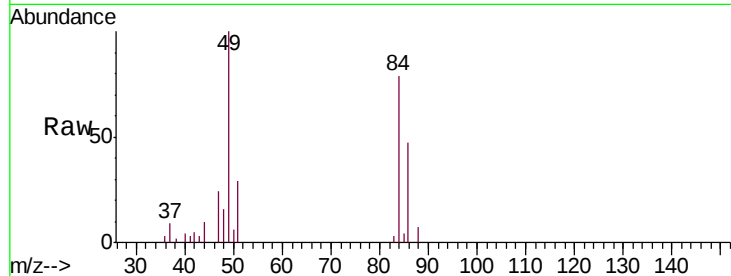




#20
Methylene Chloride
Concen: 4.275 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN057866.D
Acq: 10 Sep 2019 16:40

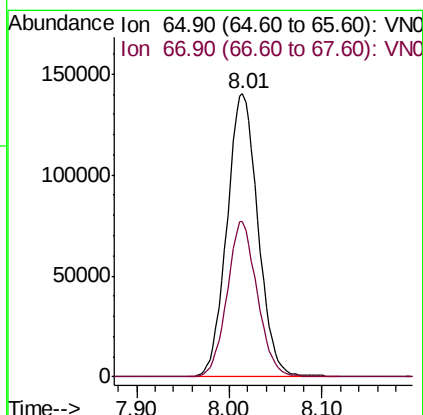
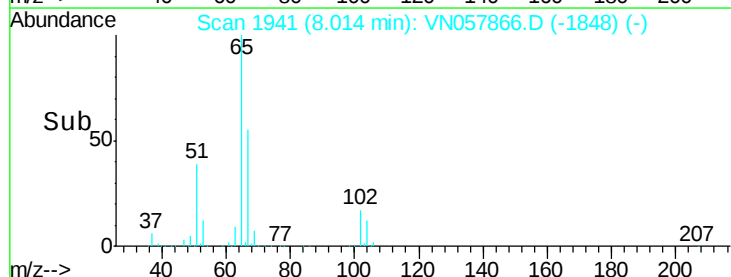
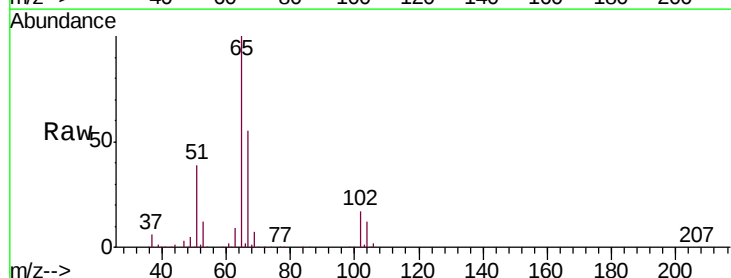
Instrument :
MSVOA_N
ClientSampleId :
PAR-11-C1-(0)

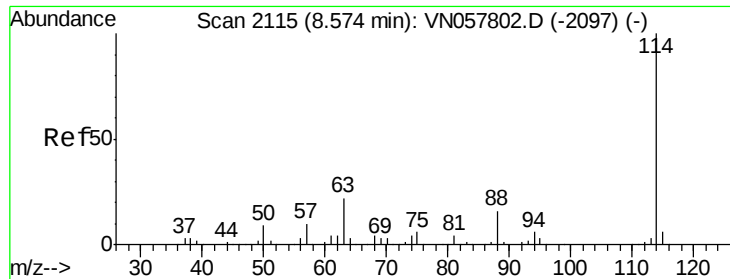
Tgt Ion:	84	Resp:	20247
Ion	Ratio	Lower	Upper
84	100		
49	127.1	104.8	157.2
51	37.3	33.0	49.4
86	59.8	50.5	75.7



#33
1,2-Dichloroethane-d4
Concen: 54.270 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN057866.D
Acq: 10 Sep 2019 16:40

Tgt Ion:	65	Resp:	326036
Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	104.0

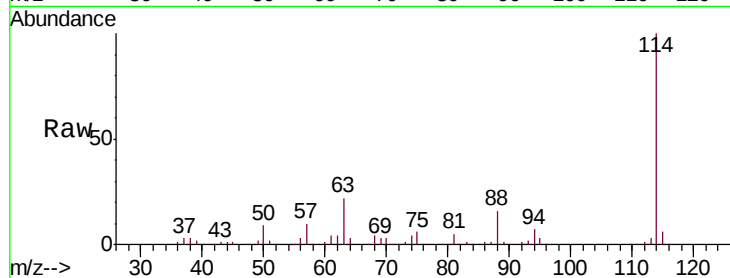




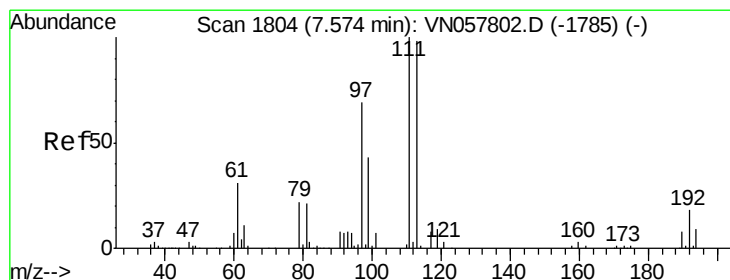
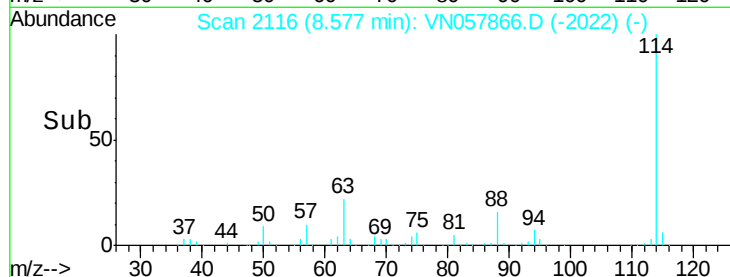
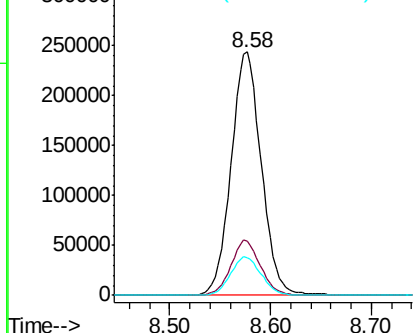
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057866.D
 Acq: 10 Sep 2019 16:40

Instrument :
 MSVOA_N
 ClientSampleId :
 PAR-11-C1-(0)

Tgt Ion:114 Resp: 508142
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 44.0
 88 15.6 0.0 31.4

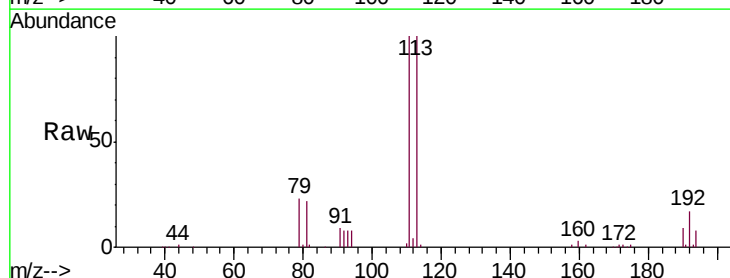


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

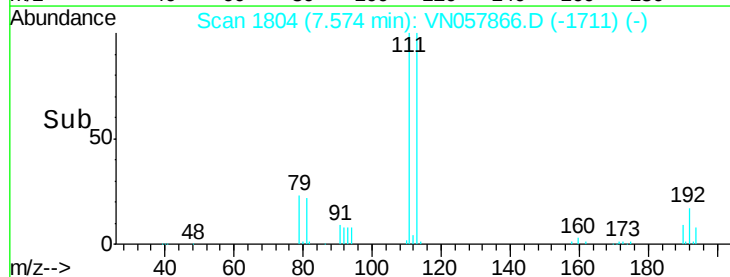
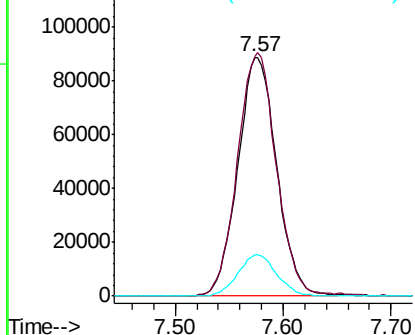


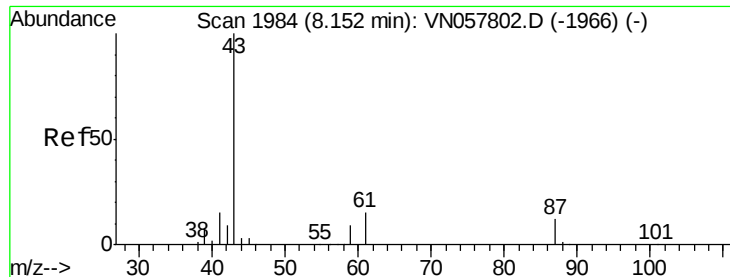
#35
 Dibromofluoromethane
 Concen: 47.343 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN057866.D
 Acq: 10 Sep 2019 16:40

Tgt Ion:113 Resp: 222038
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.3 121.9
 192 17.3 14.6 22.0



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





#43

Isopropyl Acetate

Concen: 9.187 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057866.D

Acq: 10 Sep 2019 16:40

Instrument :

MSVOA_N

ClientSampleId :

PAR-11-C1-(0)

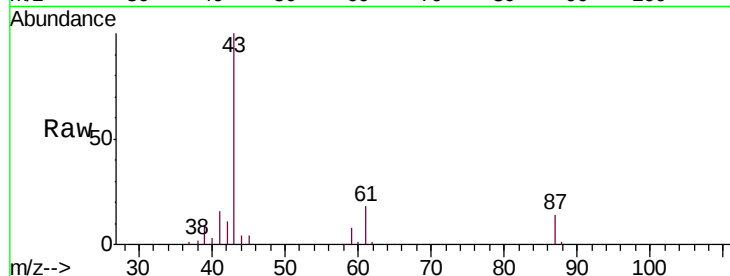
Tgt Ion: 43 Resp: 94068

Ion Ratio Lower Upper

43 100

61 17.0 20.1 30.1#

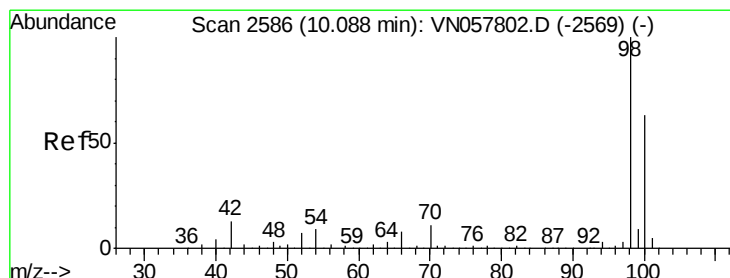
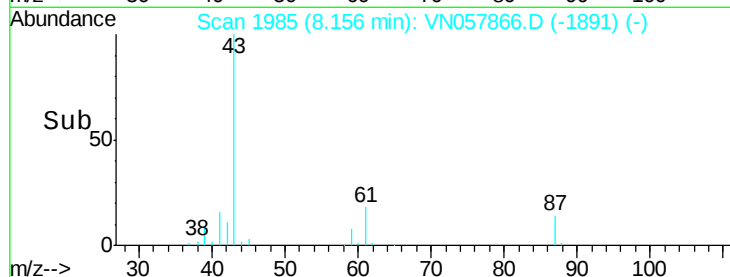
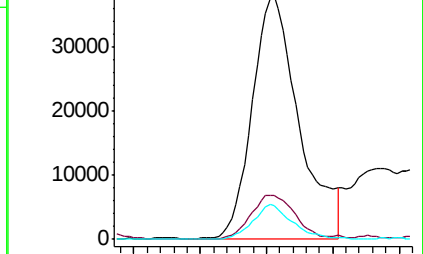
87 11.9 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN057802.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN057802.D (-1966) (-)



#50

Toluene-d8

Concen: 49.464 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057866.D

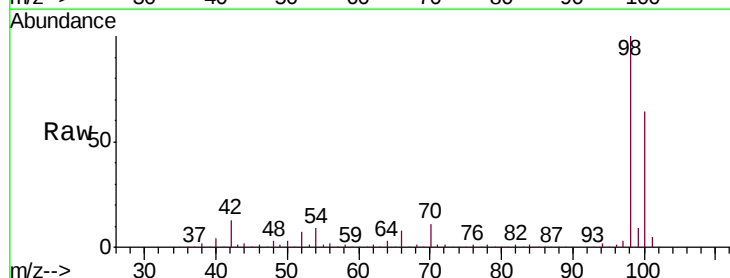
Acq: 10 Sep 2019 16:40

Tgt Ion: 98 Resp: 900687

Ion Ratio Lower Upper

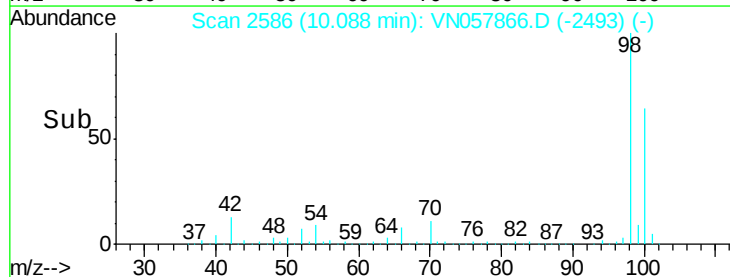
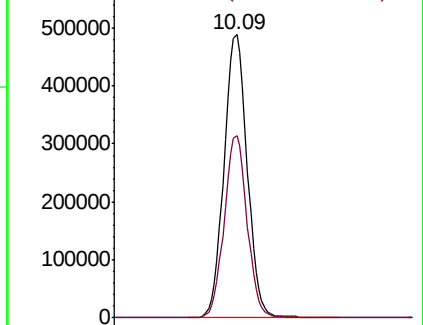
98 100

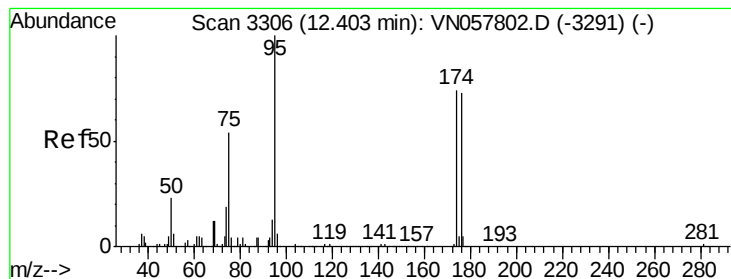
100 63.5 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN057802.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN057802.D (-2569) (-)





#62

4-Bromofluorobenzene

Concen: 41.592 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057866.D

Acq: 10 Sep 2019 16:40

Instrument :

MSVOA_N

ClientSampleId :

PAR-11-C1-(0)

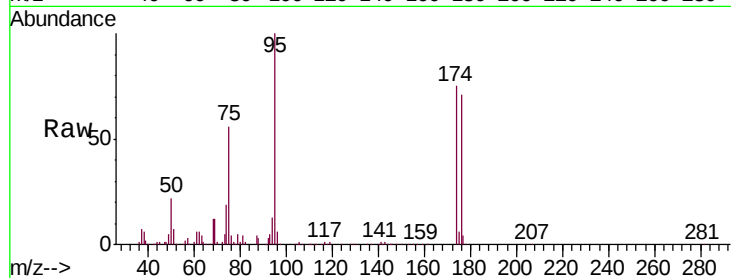
Tgt Ion: 95 Resp: 288616

Ion Ratio Lower Upper

95 100

174 75.5 0.0 150.2

176 72.4 0.0 146.0

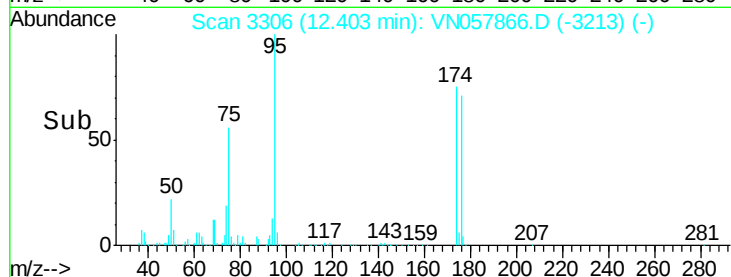


Abundance Ion 94.90 (94.60 to 95.60): VN057802.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN057802.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN057802.D (-3291) (-)

Time--> 12.30 12.40 12.50

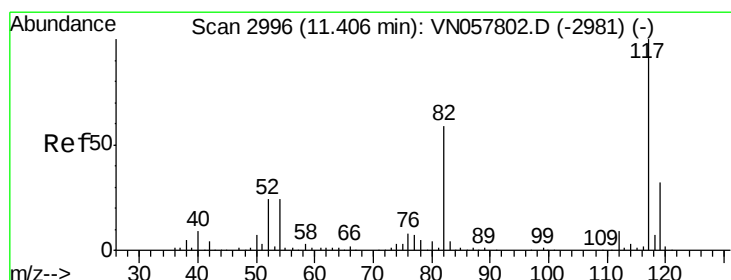


Abundance Ion 94.90 (94.60 to 95.60): VN057866.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN057866.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN057866.D (-3213) (-)

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057866.D

Acq: 10 Sep 2019 16:40

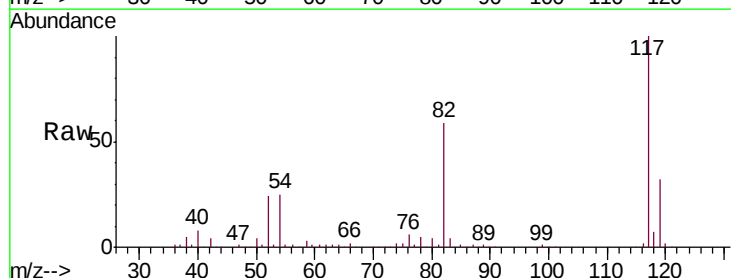
Tgt Ion: 117 Resp: 462125

Ion Ratio Lower Upper

117 100

82 59.2 47.2 70.8

119 31.5 25.3 37.9

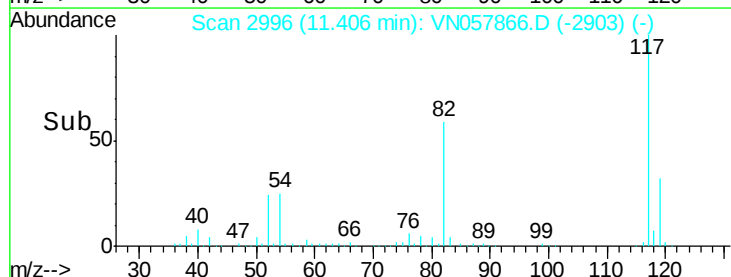


Abundance Ion 116.90 (116.60 to 117.60): VN057802.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN057802.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN057802.D (-2981) (-)

Time--> 11.30 11.40 11.50

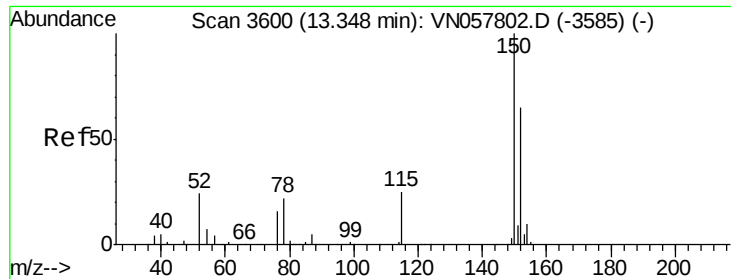


Abundance Ion 116.90 (116.60 to 117.60): VN057866.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN057866.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN057866.D (-2903) (-)

Time--> 11.30 11.40 11.50



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057866.D

Acq: 10 Sep 2019 16:40

Instrument :

MSVOA_N

ClientSampleId :

PAR-11-C1-(0)

Tgt Ion:152 Resp: 236240

Ion Ratio Lower Upper

152 100

115 61.6 30.3 91.0

150 159.5 0.0 352.4

