

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091019\
 Data File : VN057834.D
 Acq On : 10 Sep 2019 4:40
 Operator : JC/SP
 Sample : K4603-36
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PAR-12-F2-(3.11)

Quant Time: Sep 13 04:47:56 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

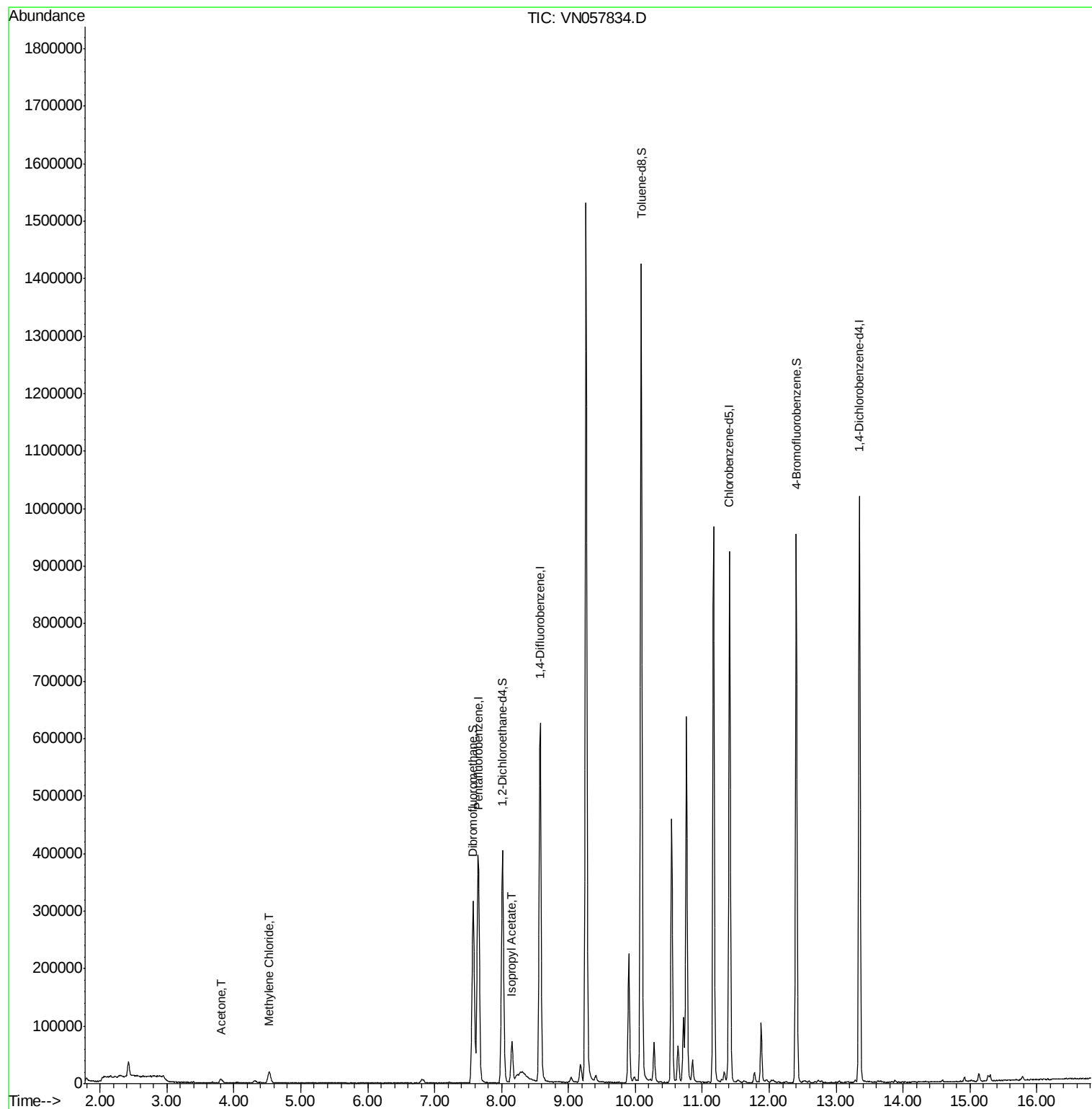
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	314782	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	532276	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	495505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	251678	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	347361	54.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.96%	
35) Dibromofluoromethane	7.58	113	239786	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
50) Toluene-d8	10.08	98	979197	51.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.68%	
62) 4-Bromofluorobenzene	12.40	95	316631	43.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.12%	
Target Compounds						
16) Acetone	3.80	43	10101	4.833	ug/l	96
20) Methylene Chloride	4.52	84	14229	2.404	ug/l #	81
43) Isopropyl Acetate	8.16	43	84693	7.896	ug/l #	90

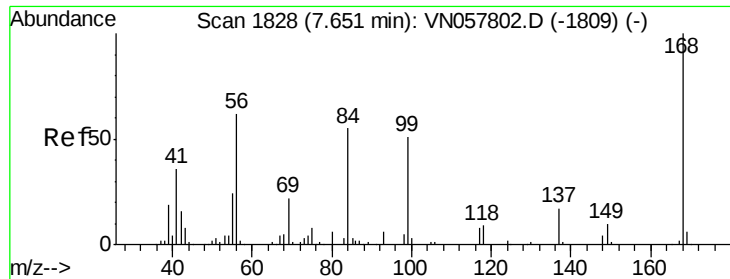
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057834.D

Acq: 10 Sep 2019 4:40

Instrument :

MSVOA_N

ClientSampleId :

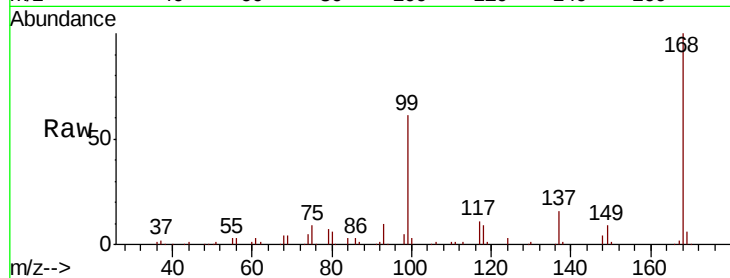
PAR-12-F2-(3.11)

Tot Ion:168 Resp: 314782

Ion Ratio Lower Upper

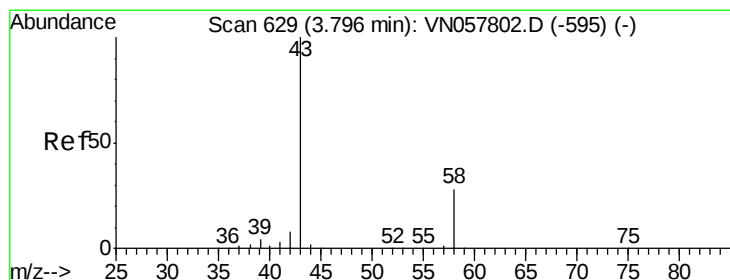
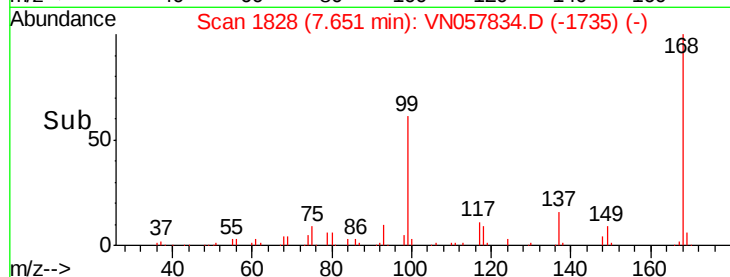
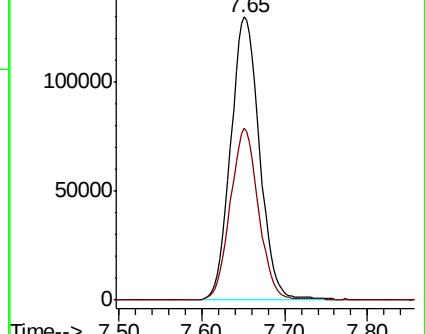
168 100

99 60.8 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VN057802.D (-1809) (-)

Ion 98.90 (98.60 to 99.60): VN057802.D (-1809) (-)



#16

Acetone

Concen: 4.833 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN057834.D

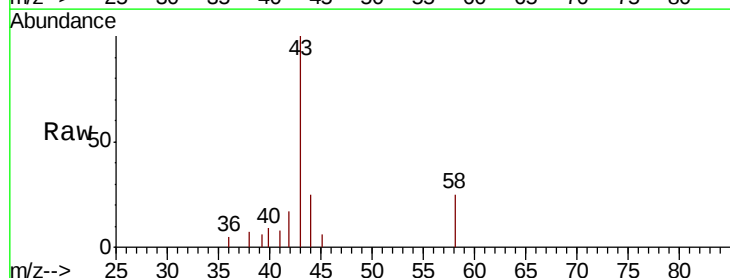
Acq: 10 Sep 2019 4:40

Tgt Ion: 43 Resp: 10101

Ion Ratio Lower Upper

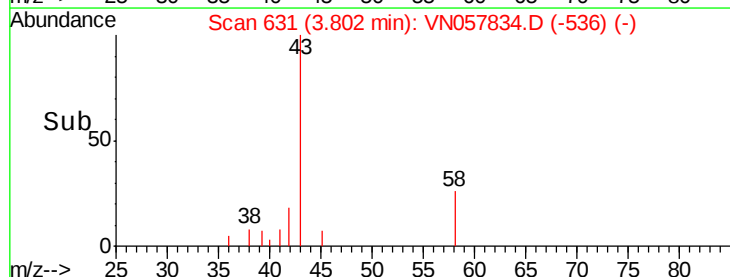
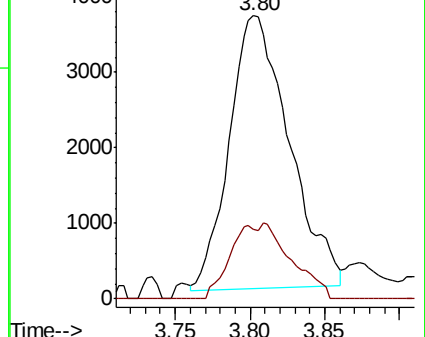
43 100

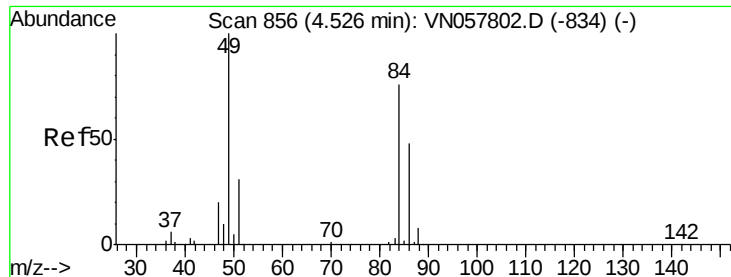
58 25.8 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-595) (-)

Ion 58.00 (57.70 to 58.70): VN057802.D (-595) (-)

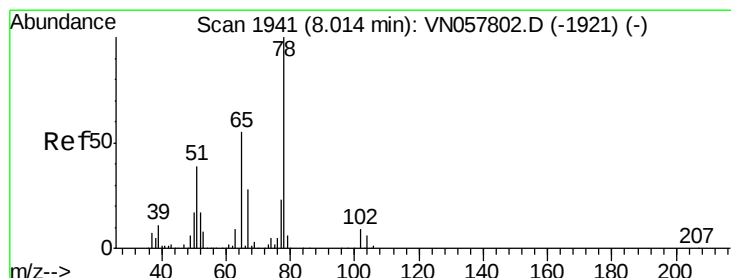
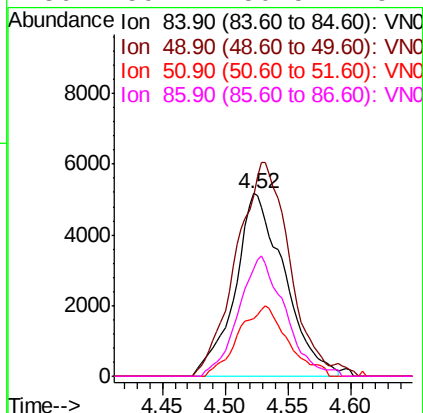
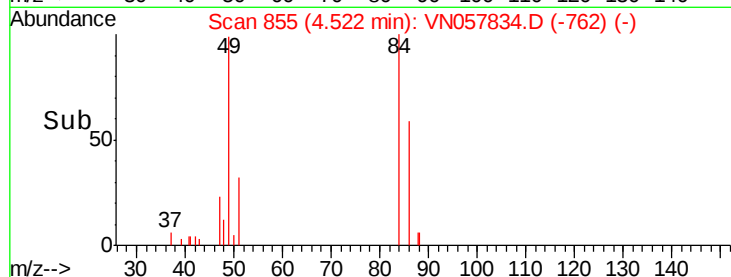
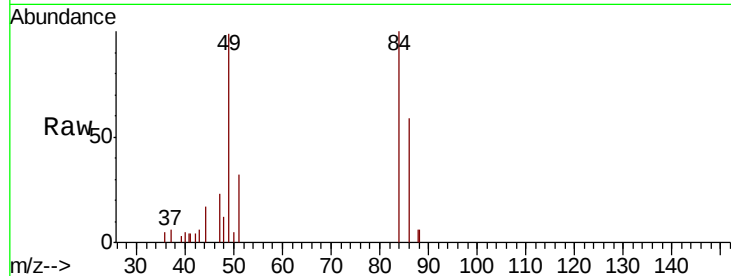




#20
Methvlene Chloride
Concen: 2.404 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN057834.D
Acq: 10 Sep 2019 4:40

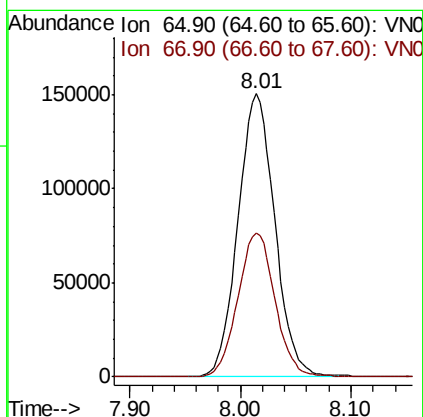
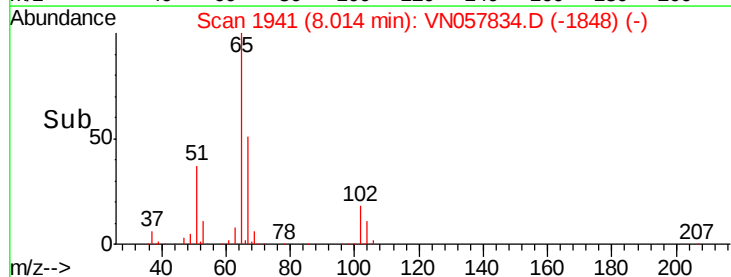
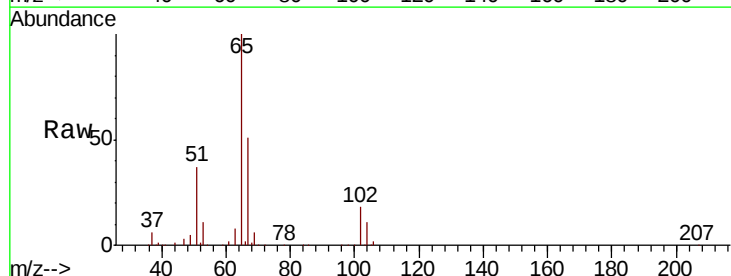
Instrument :
MSVOA_N
ClientSampleId :
PAR-12-F2-(3.11)

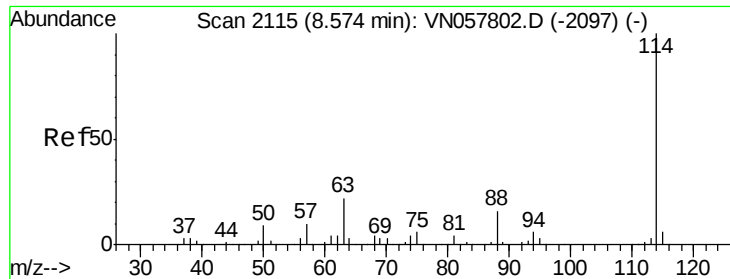
Tot Ion: 84 Resp: 14229
Ion Ratio Lower Upper
84 100
49 99.3 104.8 157.2#
51 31.8 33.0 49.4#
86 59.1 50.5 75.7



#33
1,2-Dichloroethane-d4
Concen: 54.482 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN057834.D
Acq: 10 Sep 2019 4:40

Tgt Ion: 65 Resp: 347361
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.0

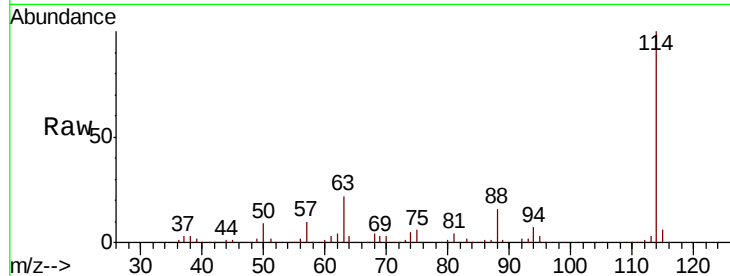




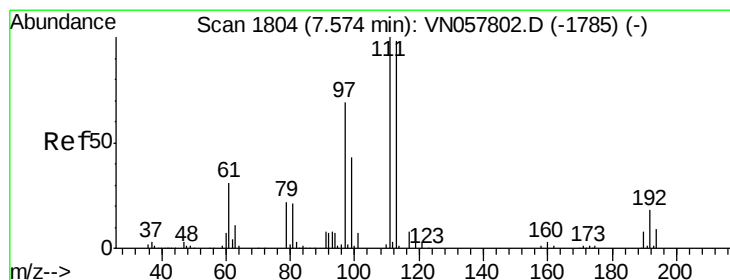
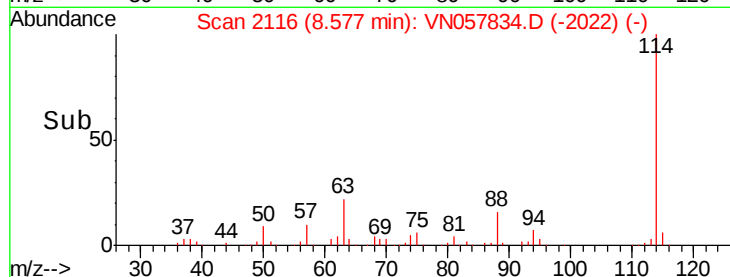
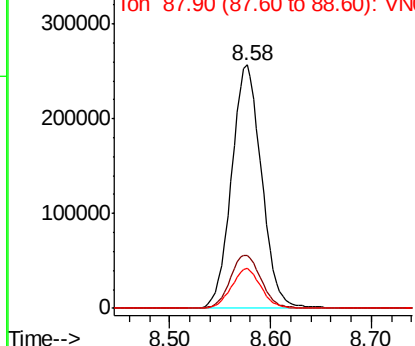
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057834.D
 Acq: 10 Sep 2019 4:40

Instrument :
 MSVOA_N
 ClientSampleId :
 PAR-12-F2-(3.11)

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	44.0
88	16.3	0.0	31.4

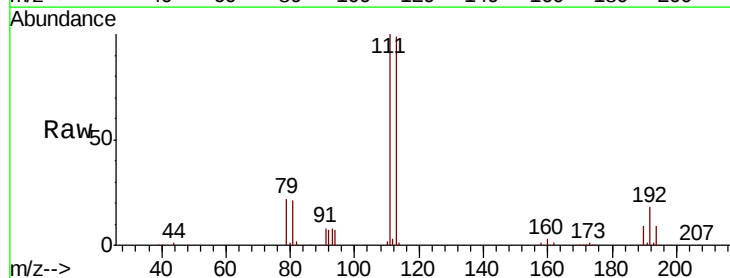


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

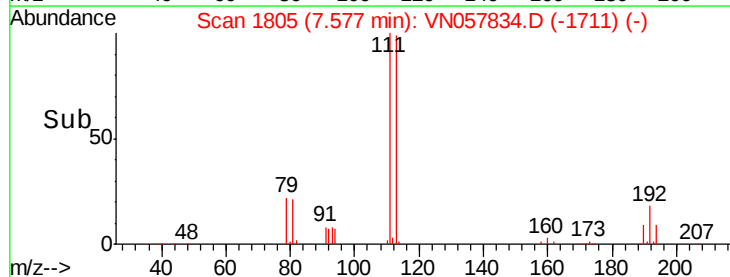
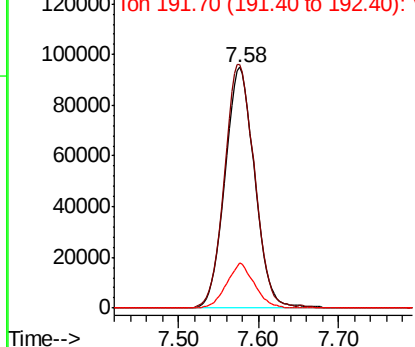


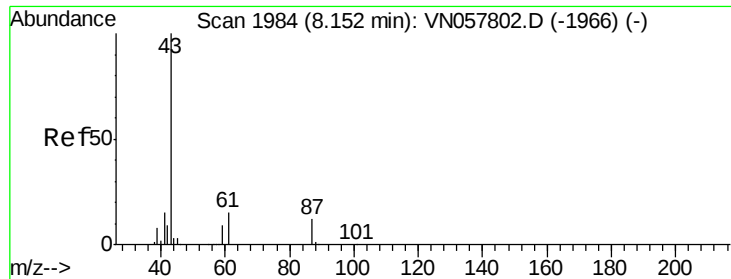
#35
 Dibromofluoromethane
 Concen: 48.809 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057834.D
 Acq: 10 Sep 2019 4:40

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.3	121.9
192	17.6	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: 7.896 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057834.D

Acq: 10 Sep 2019 4:40

Instrument :

MSVOA_N

ClientSampleId :

PAR-12-F2-(3.11)

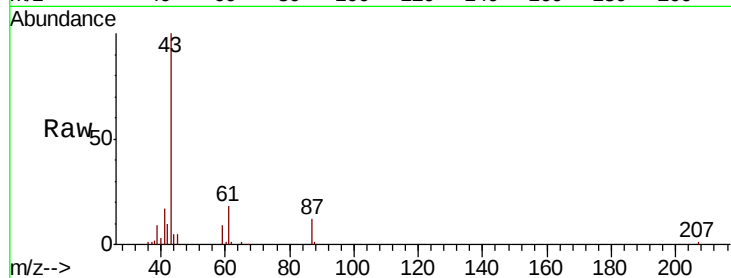
Tot Ion: 43 Resp: 84693

Ion Ratio Lower Upper

43 100

61 18.3 20.1 30.1#

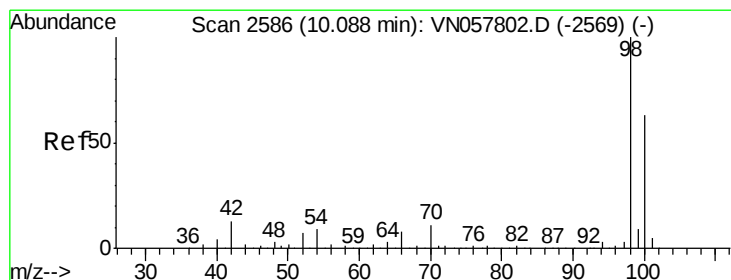
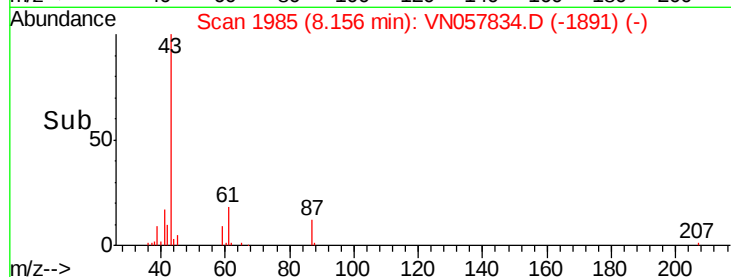
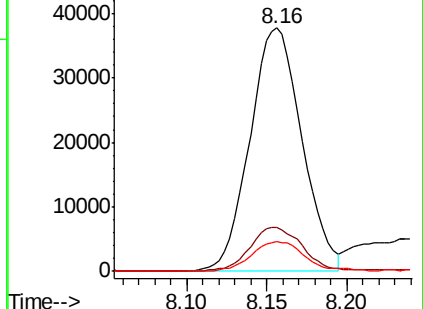
87 12.5 9.5 14.3



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: 51.337 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057834.D

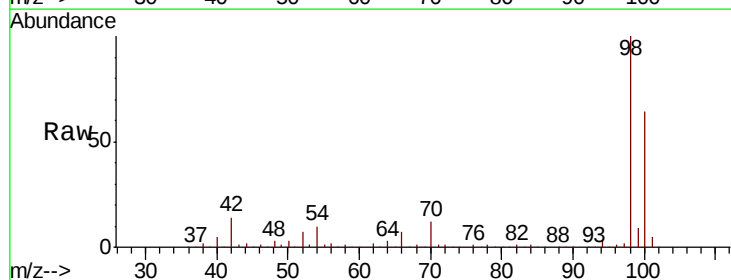
Acq: 10 Sep 2019 4:40

Tgt Ion: 98 Resp: 979197

Ion Ratio Lower Upper

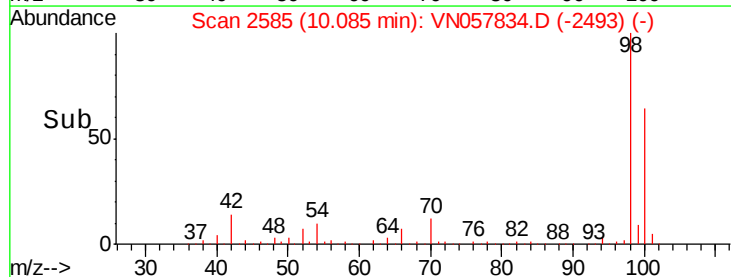
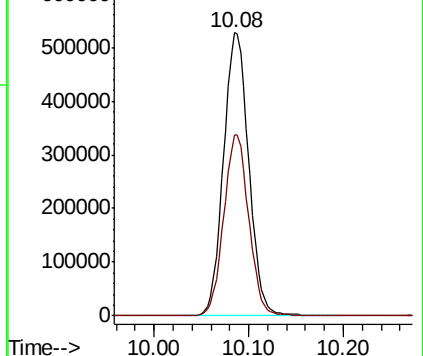
98 100

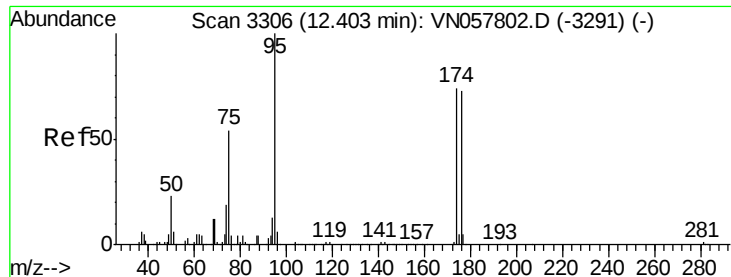
100 63.5 50.3 75.5



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

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

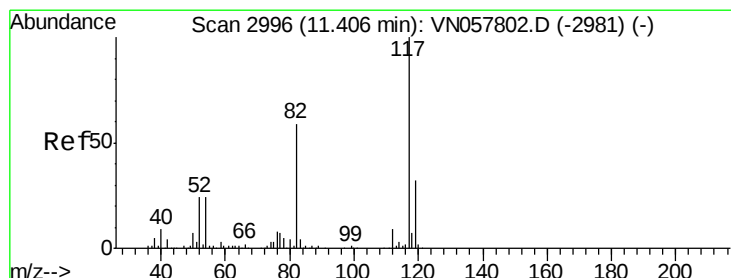
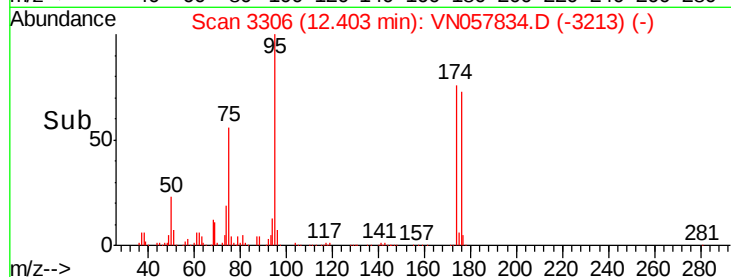
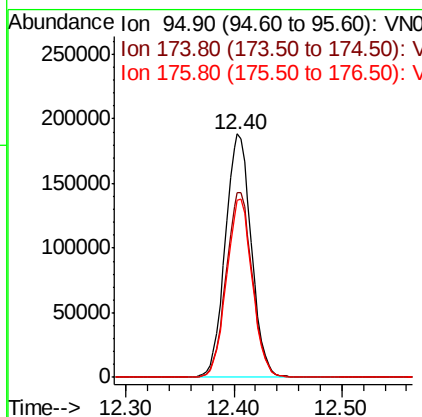
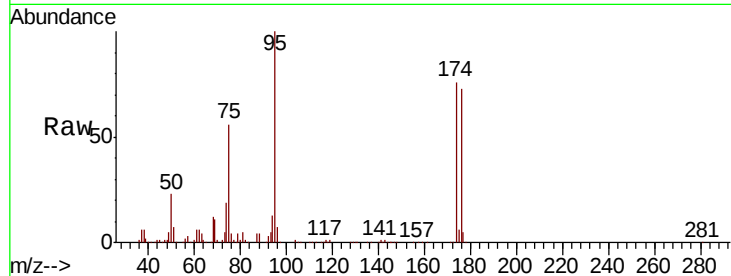




#62
4-Bromofluorobenzene
Concen: 43.560 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057834.D
Acq: 10 Sep 2019 4:40

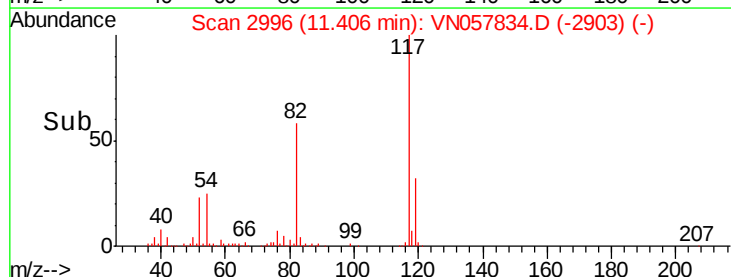
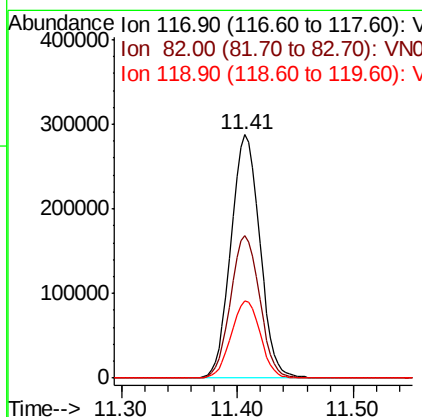
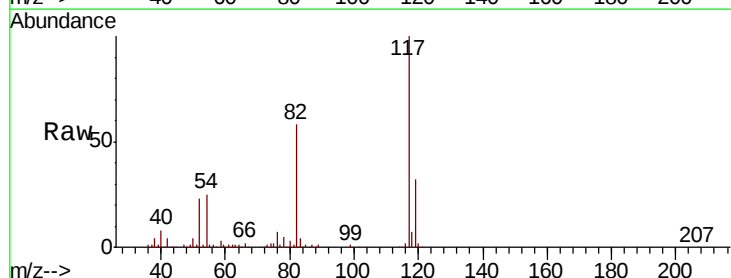
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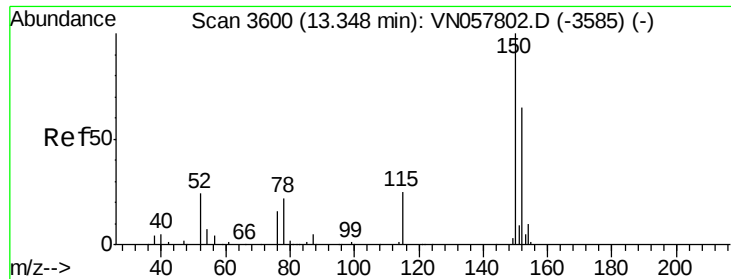
Tot Ion: 95 Resp: 316631
Ion Ratio Lower Upper
95 100
174 76.3 0.0 150.2
176 72.3 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057834.D
Acq: 10 Sep 2019 4:40

Tgt Ion: 117 Resp: 495505
Ion Ratio Lower Upper
117 100
82 58.5 47.2 70.8
119 31.6 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057834.D

Acq: 10 Sep 2019 4:40

Instrument :

MSVOA_N

ClientSampleId :

PAR-12-F2-(3.11)

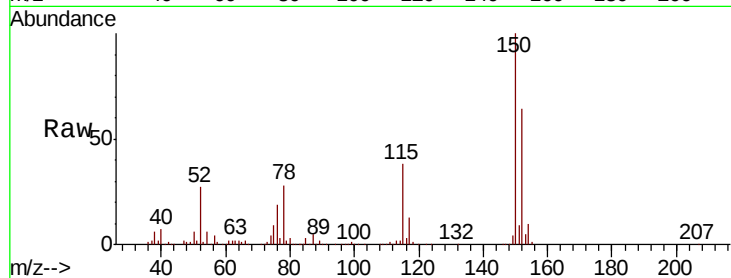
Tot Ion:152 Resp: 251678

Ion Ratio Lower Upper

152 100

115 60.3 30.3 91.0

150 158.0 0.0 352.4



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

