

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091019\
 Data File : VN057821.D
 Acq On : 9 Sep 2019 23:09
 Operator : JC/SP
 Sample : K4603-28
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PAR-E3-(3.11)

Quant Time: Sep 13 04:40:59 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

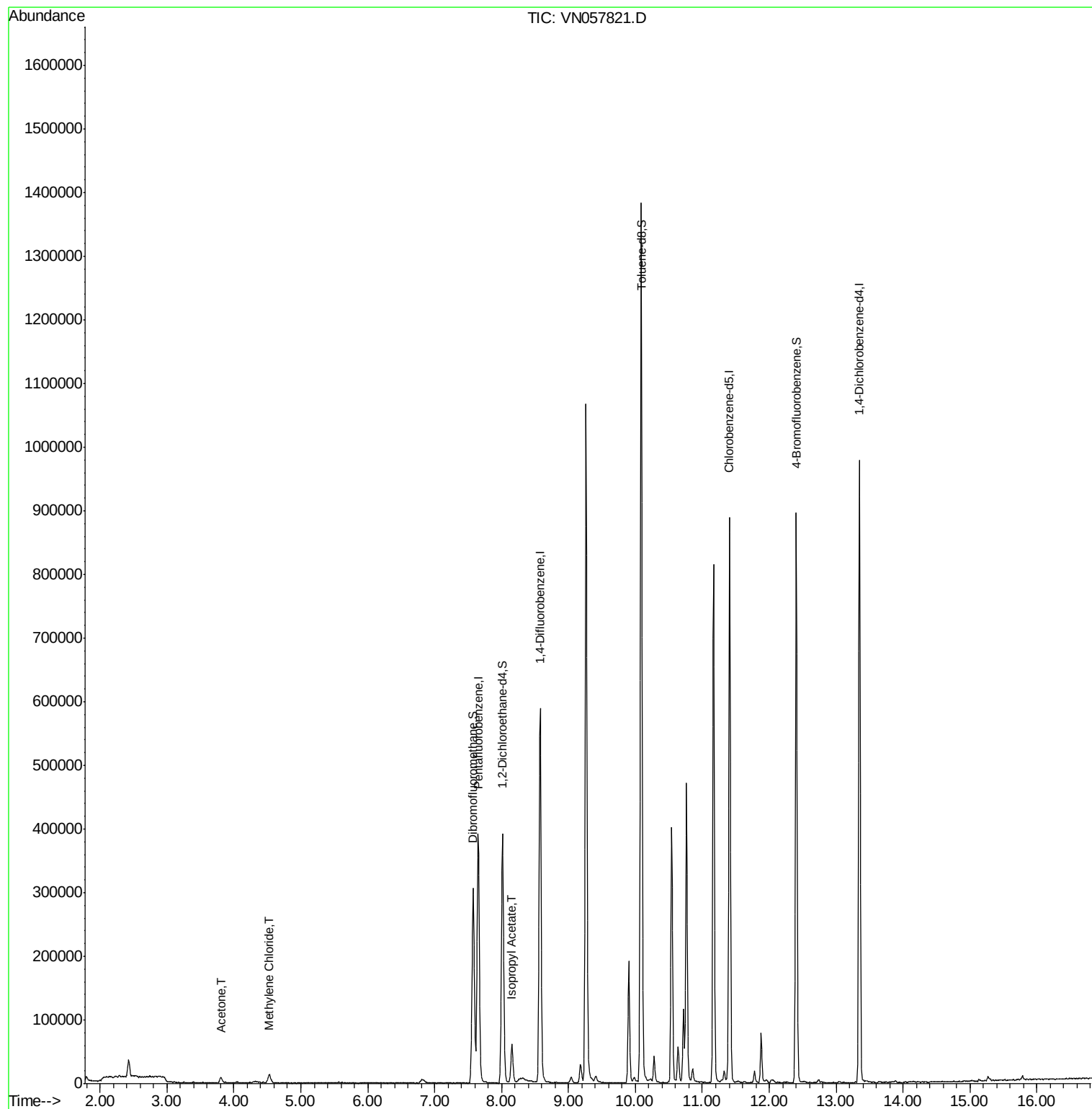
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	305973	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	517989	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	475158	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	239524	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	335178	54.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.18%	
35) Dibromofluoromethane	7.58	113	226064	47.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.58%	
50) Toluene-d8	10.09	98	946797	51.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.02%	
62) 4-Bromofluorobenzene	12.40	95	304388	43.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.06%	
Target Compounds						
16) Acetone	3.81	43	14781	7.276	ug/l	98
20) Methylene Chloride	4.53	84	9526	1.263	ug/l	89
43) Isopropyl Acetate	8.16	43	72265	6.924	ug/l #	91

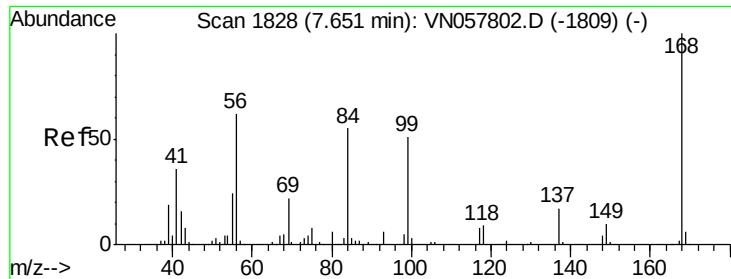
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091019\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
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: VN057821.D

Acq: 9 Sep 2019 23:09

Instrument :

MSVOA_N

ClientSampled :

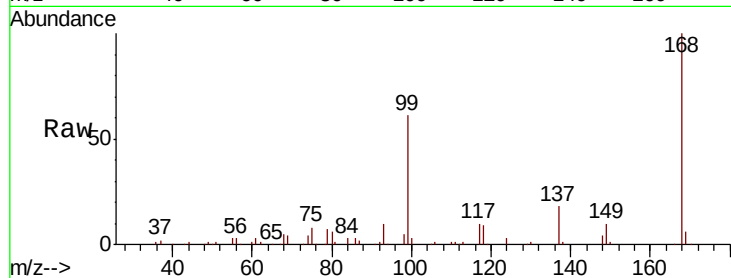
PAR-E3-(3.11)

Tot Ion:168 Resp: 305973

Ion Ratio Lower Upper

168 100

99 60.5 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

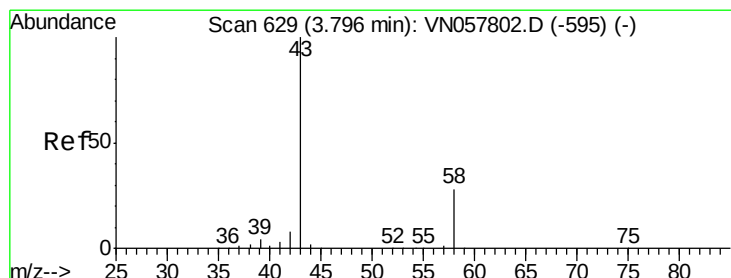
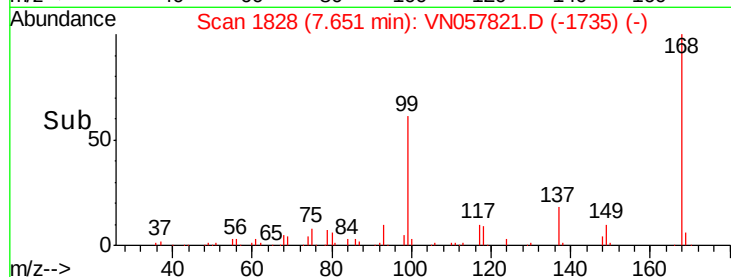
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 7.276 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN057821.D

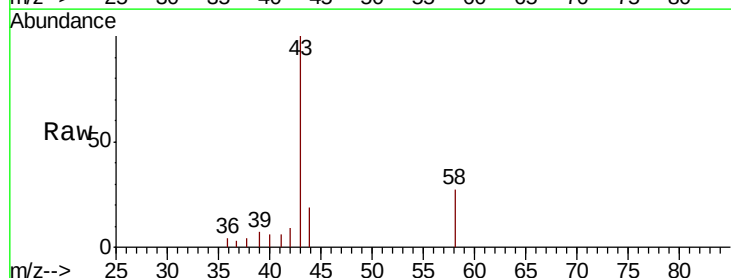
Acq: 9 Sep 2019 23:09

Tgt Ion: 43 Resp: 14781

Ion Ratio Lower Upper

43 100

58 26.8 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.81

6000

5000

4000

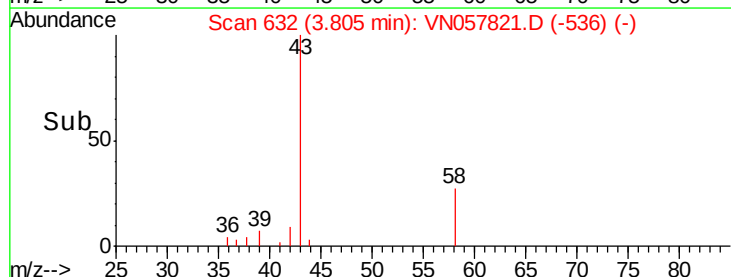
3000

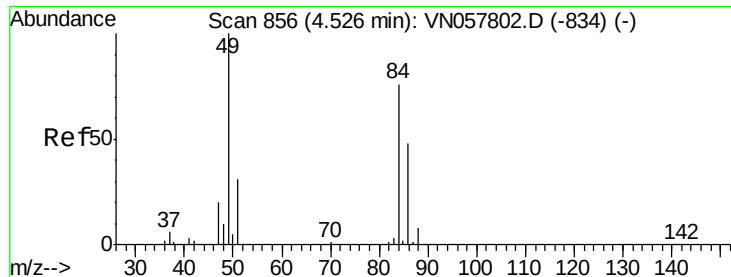
2000

1000

0

Time--> 3.70 3.75 3.80 3.85 3.90

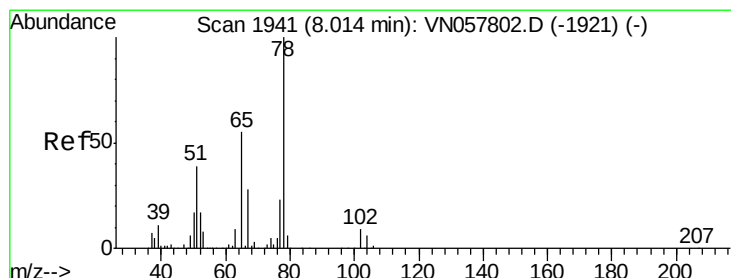
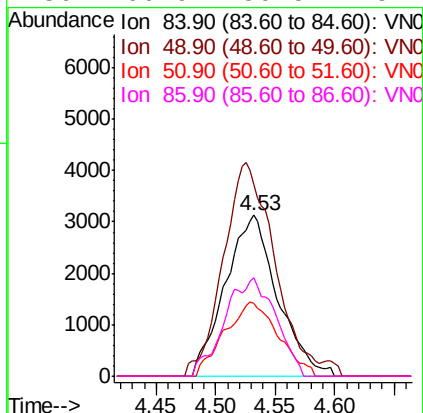
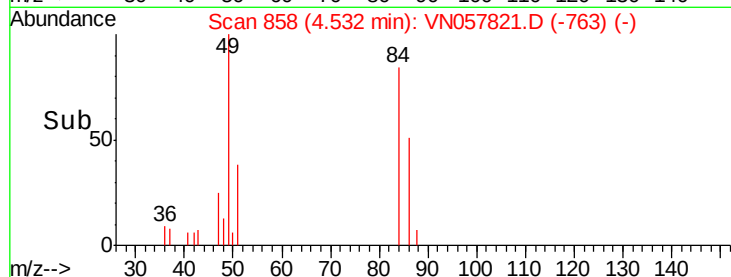
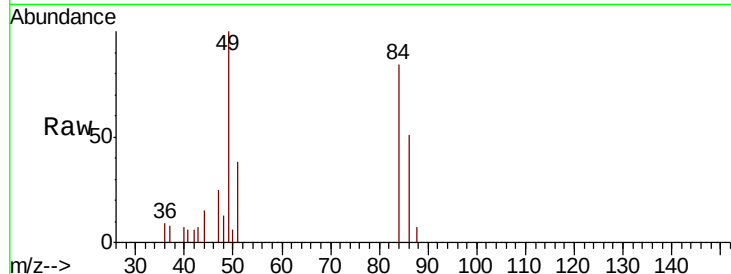




#20
Methylene Chloride
Concen: 1.263 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN057821.D
Acq: 9 Sep 2019 23:09

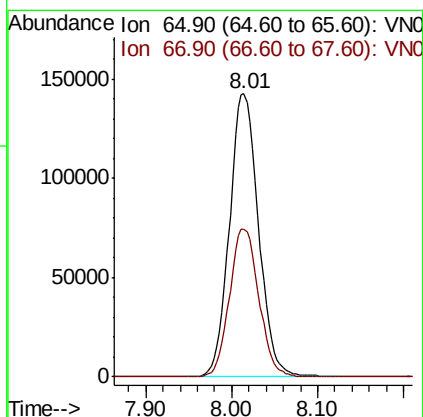
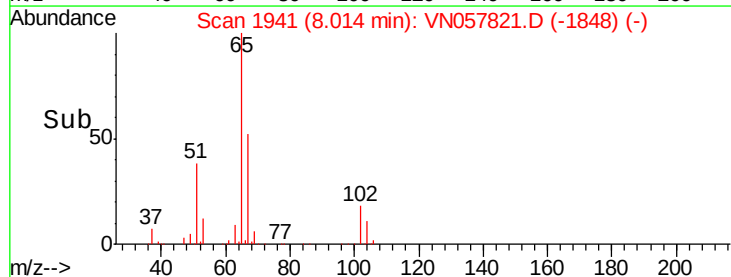
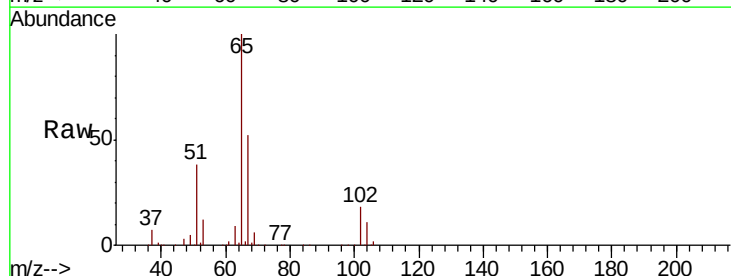
Instrument :
MSVOA_N
ClientSampleId :
PAR-E3-(3.11)

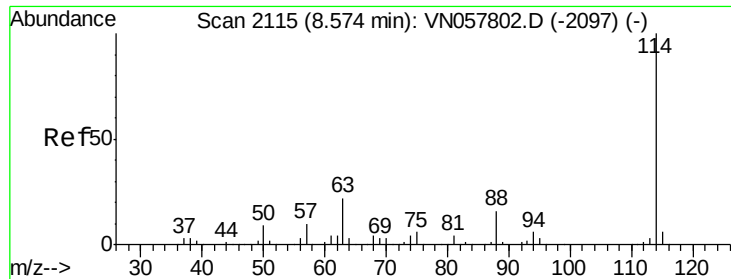
Tot Ion:	84	Resp:	9526
Ion	Ratio	Lower	Upper
84	100		
49	112.3	104.8	157.2
51	45.2	33.0	49.4
86	60.9	50.5	75.7



#33
1,2-Dichloroethane-d4
Concen: 54.085 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN057821.D
Acq: 9 Sep 2019 23:09

Tgt Ion:	65	Resp:	335178
Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	104.0

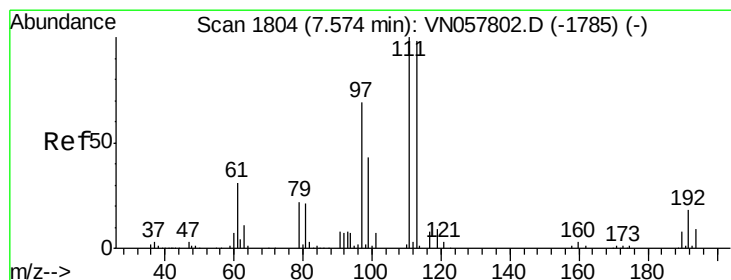
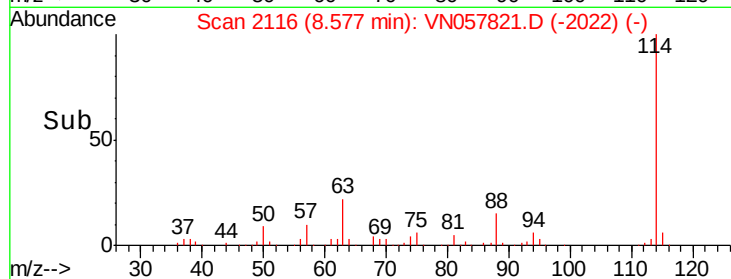
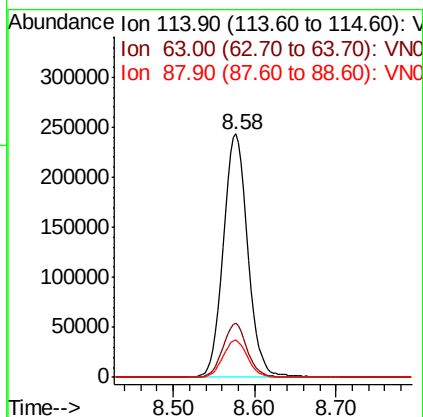
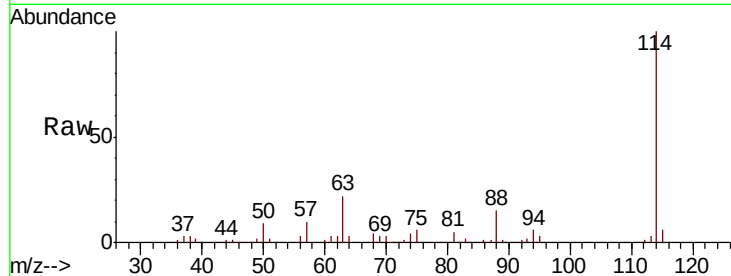




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057821.D
 Acq: 9 Sep 2019 23:09

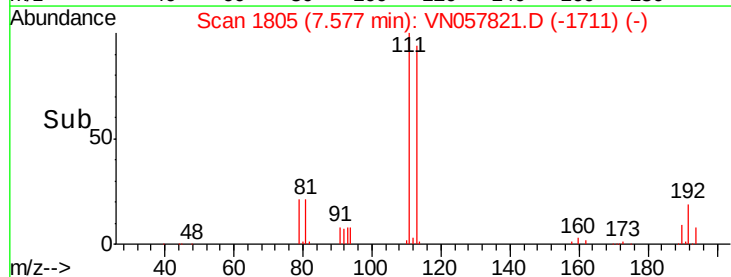
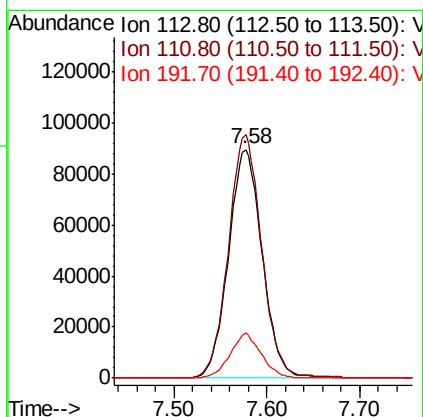
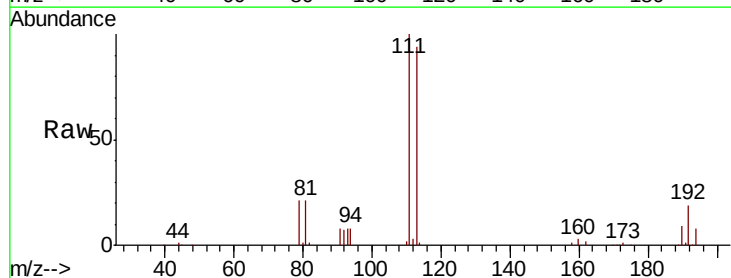
Instrument :
 MSVOA_N
 ClientSampleId :
 PAR-E3-(3.11)

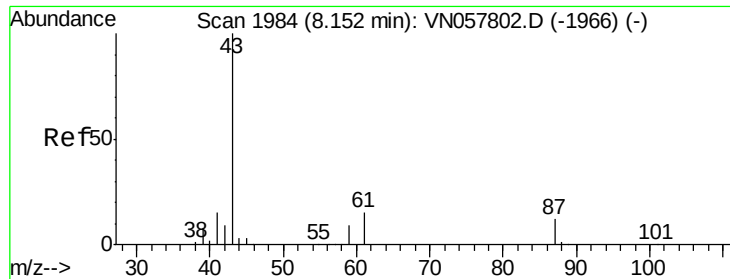
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	44.0
88	15.2	0.0	31.4



#35
 Dibromofluoromethane
 Concen: 47.285 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057821.D
 Acq: 9 Sep 2019 23:09

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.7	81.3	121.9
192	18.2	14.6	22.0





#43

Isopropyl Acetate

Concen: 6.924 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057821.D

Acq: 9 Sep 2019 23:09

Instrument :

MSVOA_N

ClientSampleId :

PAR-E3-(3.11)

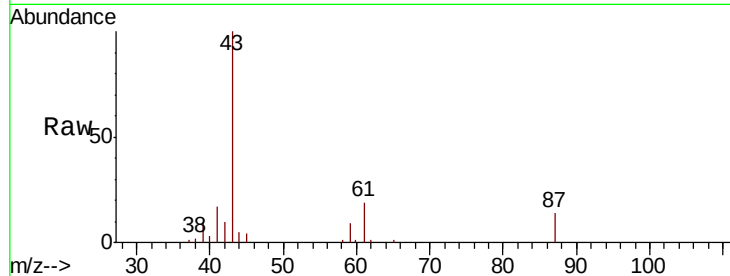
Tot Ion: 43 Resp: 72265

Ion Ratio Lower Upper

43 100

61 18.8 20.1 30.1#

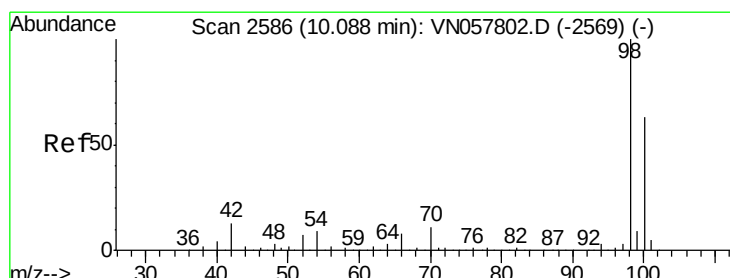
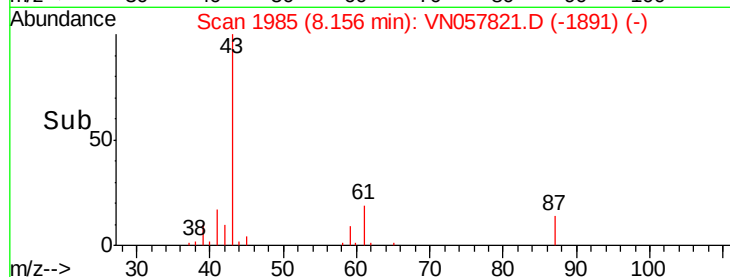
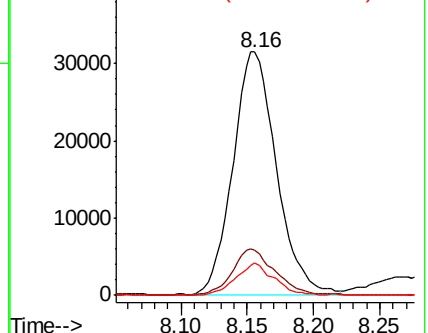
87 11.5 9.5 14.3



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: 51.008 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057821.D

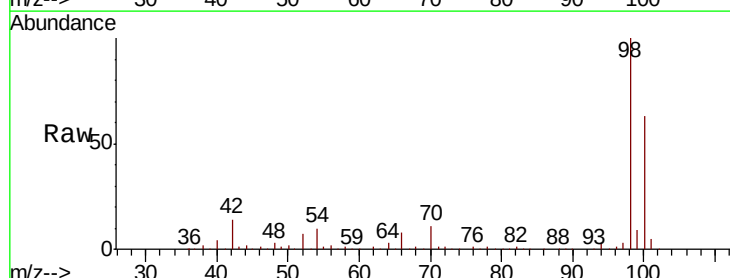
Acq: 9 Sep 2019 23:09

Tgt Ion: 98 Resp: 946797

Ion Ratio Lower Upper

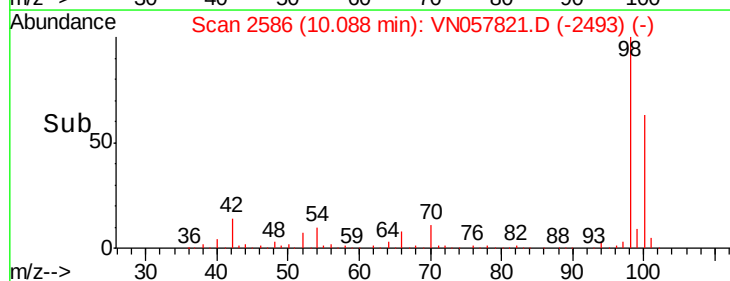
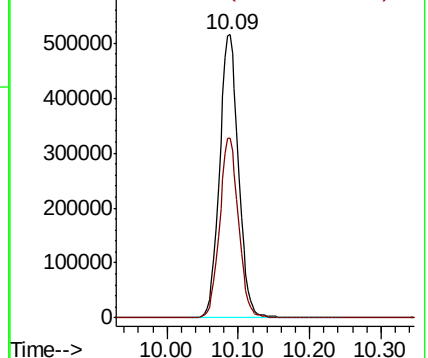
98 100

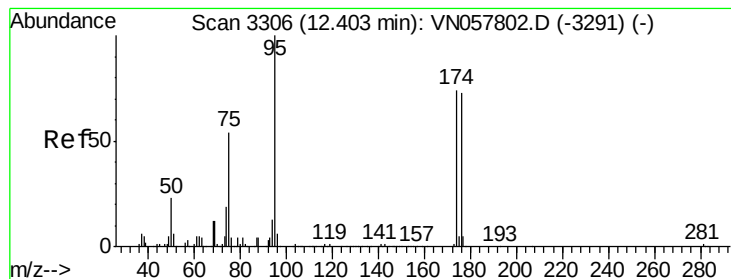
100 63.1 50.3 75.5



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: 43.031 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057821.D

Acq: 9 Sep 2019 23:09

Instrument :

MSVOA_N

ClientSampleId :

PAR-E3-(3.11)

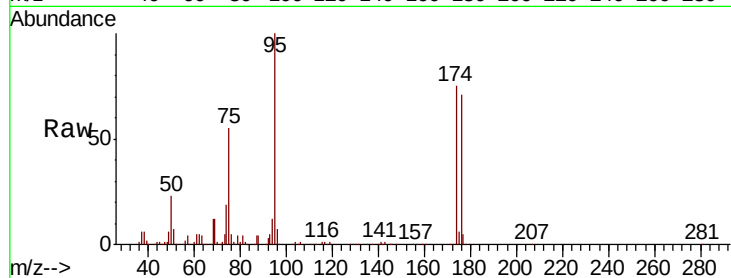
Tot Ion: 95 Resp: 304388

Ion Ratio Lower Upper

95 100

174 75.8 0.0 150.2

176 72.2 0.0 146.0

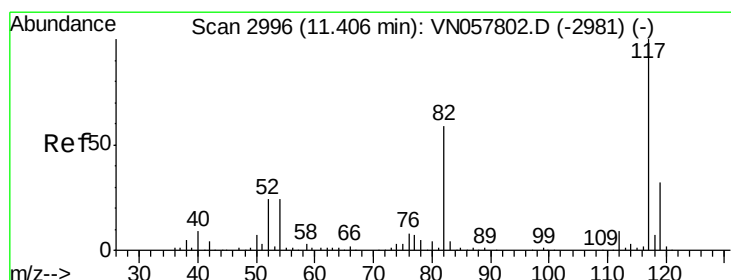
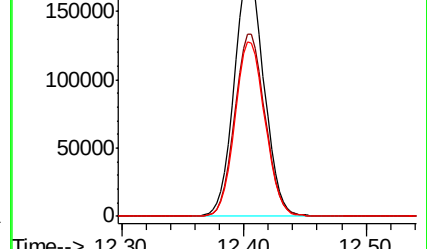
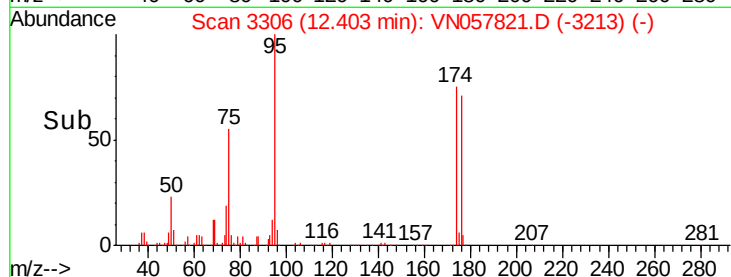


Abundance Ion 94.90 (94.60 to 95.60): VN057802.D (-3291) (-)

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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057821.D

Acq: 9 Sep 2019 23:09

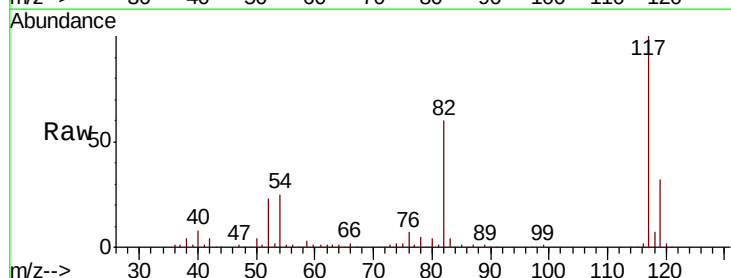
Tgt Ion: 117 Resp: 475158

Ion Ratio Lower Upper

117 100

82 59.7 47.2 70.8

119 32.0 25.3 37.9

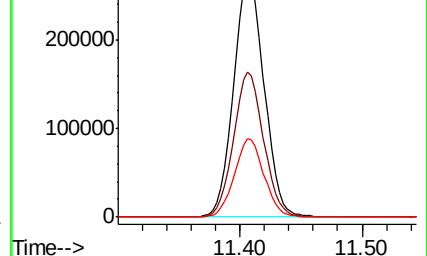
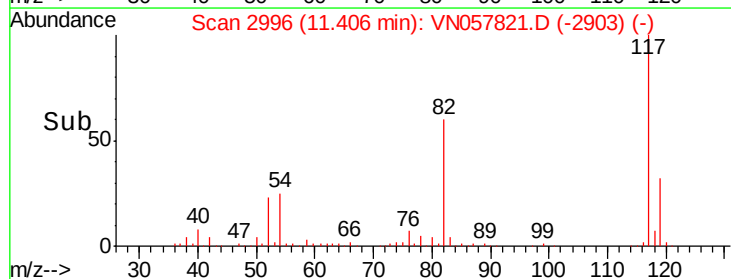


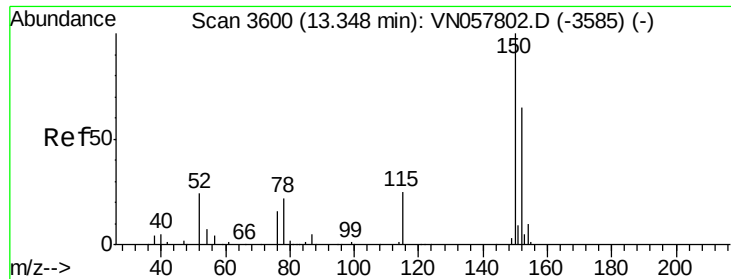
Abundance Ion 116.90 (116.60 to 117.60): VN057802.D (-2981) (-)

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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057821.D

Acq: 9 Sep 2019 23:09

Instrument :

MSVOA_N

ClientSampleId :

PAR-E3-(3.11)

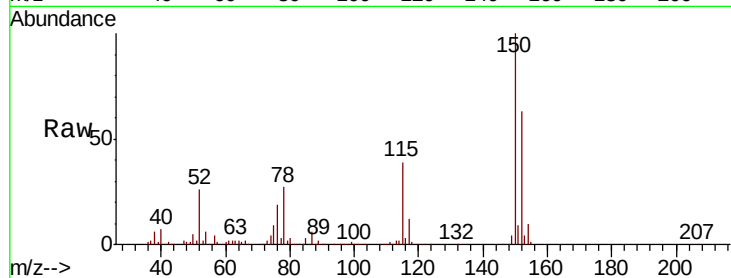
Tot Ion:152 Resp: 239524

Ion Ratio Lower Upper

152 100

115 62.4 30.3 91.0

150 157.5 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

