

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091019\
 Data File : VN057826.D
 Acq On : 10 Sep 2019 1:00
 Operator : JC/SP
 Sample : K4603-34
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PAR-12-F4-(0)

Quant Time: Sep 10 08:10:18 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

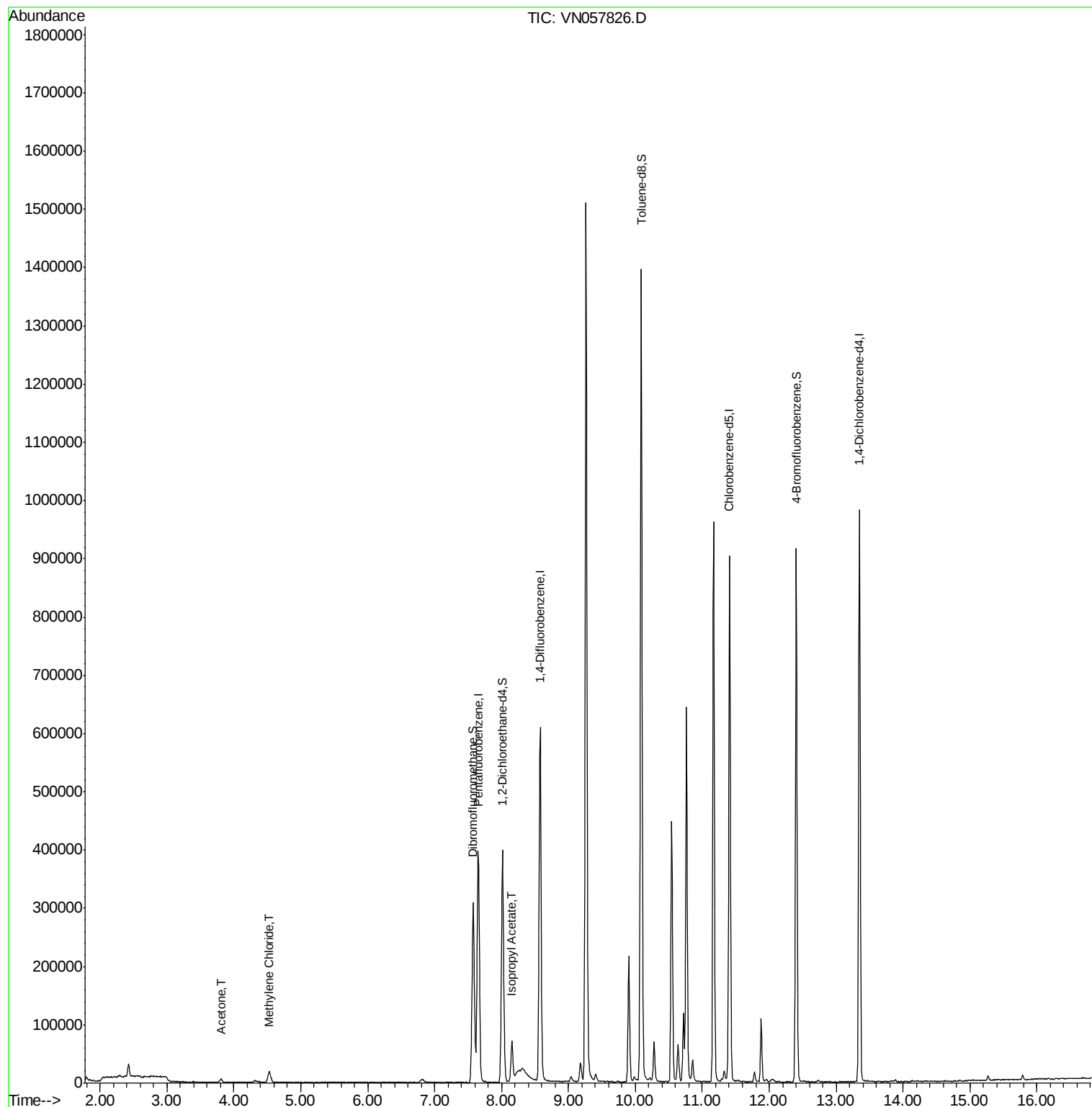
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	303513	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	524230	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	490210	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	246915	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	338889	55.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.26%	
35) Dibromofluoromethane	7.58	113	231264	47.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.60%	
50) Toluene-d8	10.09	98	959459	51.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.14%	
62) 4-Bromofluorobenzene	12.40	95	306859	42.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.72%	
Target Compounds						
16) Acetone	3.81	43	10707	5.313	ug/l	92
20) Methylene Chloride	4.53	84	13955	2.467	ug/l	90
43) Isopropyl Acetate	8.16	43	84165	7.968	ug/l #	88

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

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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: VN057826.D

Acq: 10 Sep 2019 1:00

Instrument :

MSVOA_N

ClientSampleId :

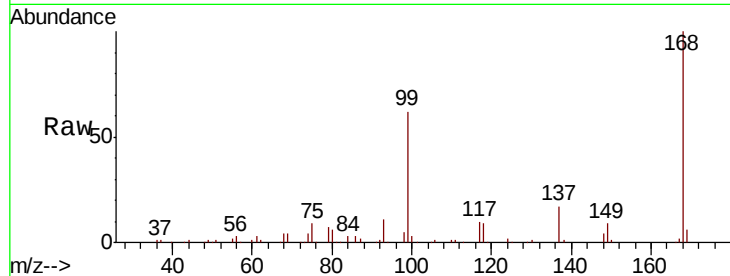
PAR-12-F4-(0)

Tot Ion:168 Resp: 303513

Ion Ratio Lower Upper

168 100

99 61.8 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

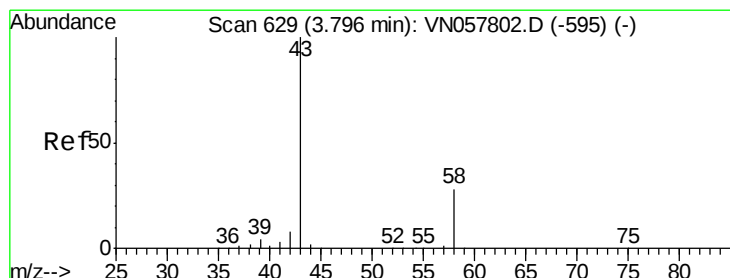
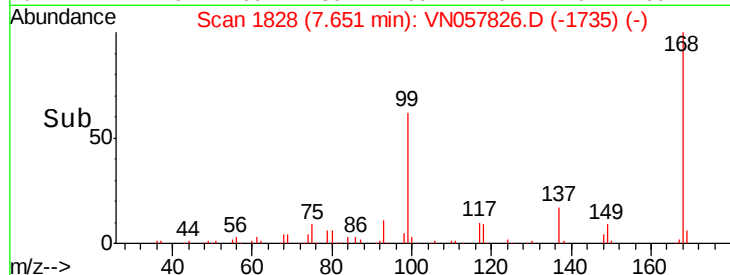
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.313 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.01 min

Lab File: VN057826.D

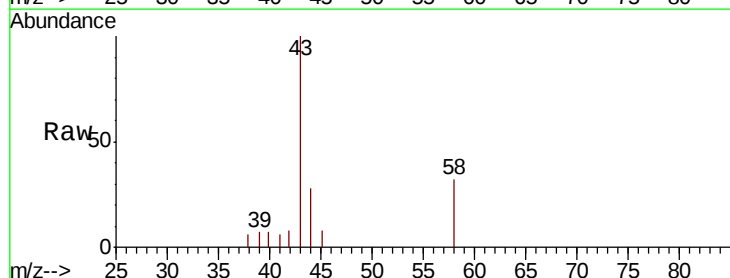
Acq: 10 Sep 2019 1:00

Tgt Ion: 43 Resp: 10707

Ion Ratio Lower Upper

43 100

58 31.9 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

4000

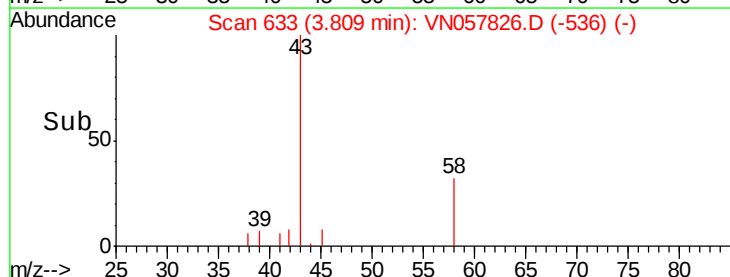
3000

2000

1000

0

Time-->

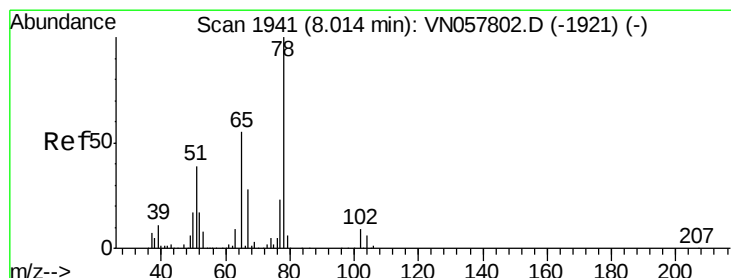
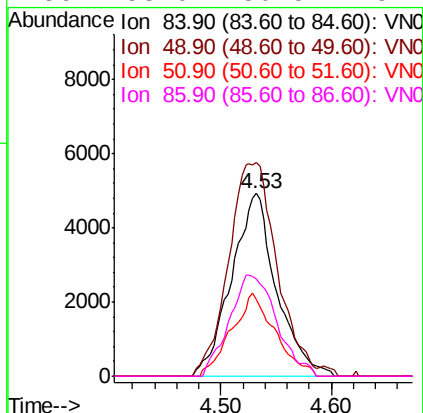
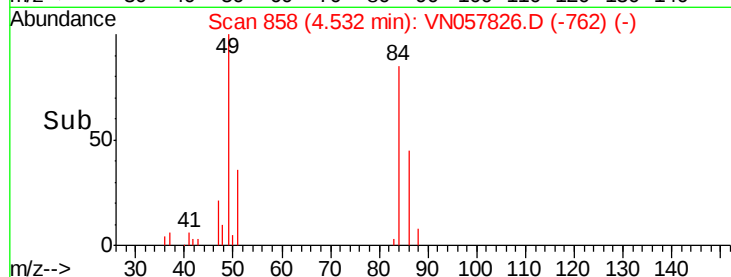
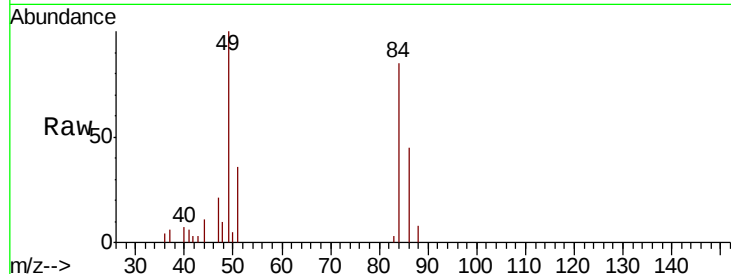




#20
Methvlene Chloride
Concen: 2.467 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN057826.D
Acq: 10 Sep 2019 1:00

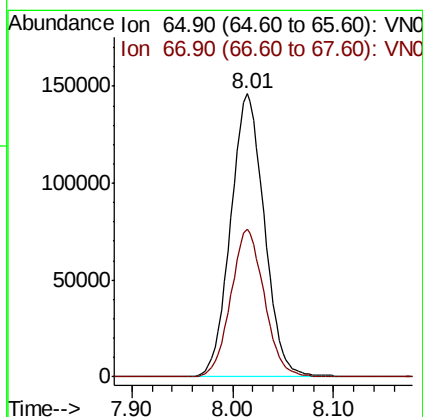
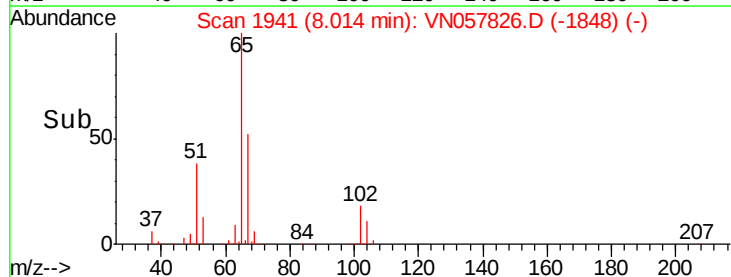
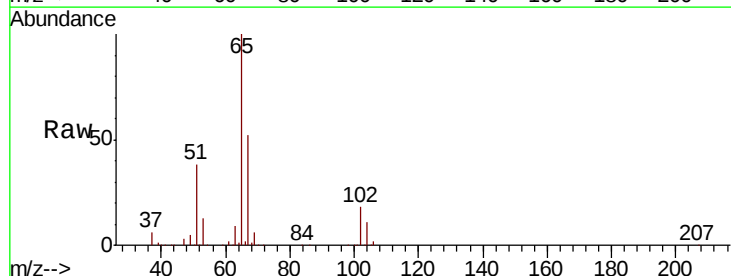
Instrument :
MSVOA_N
ClientSampleId :
PAR-12-F4-(0)

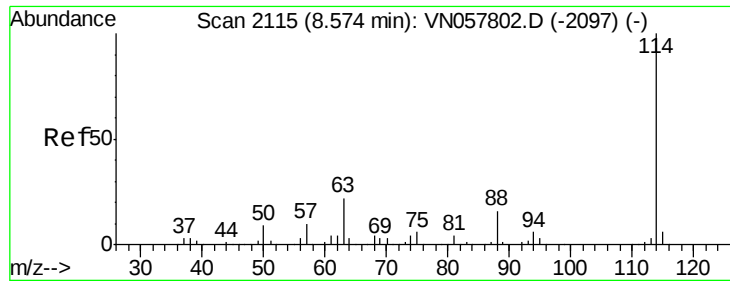
Tot Ion: 84 Resp: 13955
Ion Ratio Lower Upper
84 100
49 117.0 104.8 157.2
51 42.0 33.0 49.4
86 53.0 50.5 75.7



#33
1,2-Dichloroethane-d4
Concen: 55.127 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN057826.D
Acq: 10 Sep 2019 1:00

Tgt Ion: 65 Resp: 338889
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.0

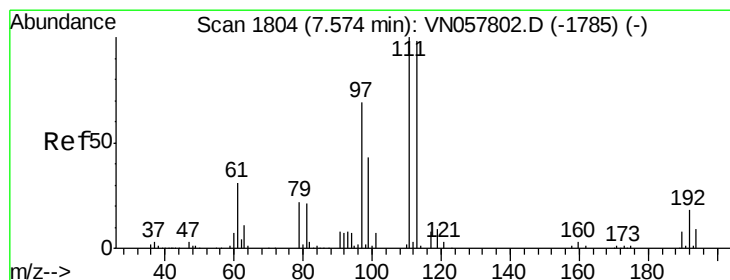
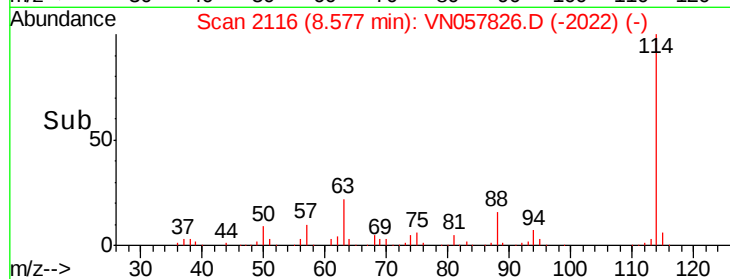
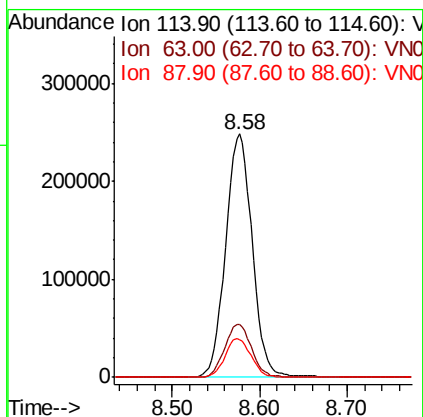
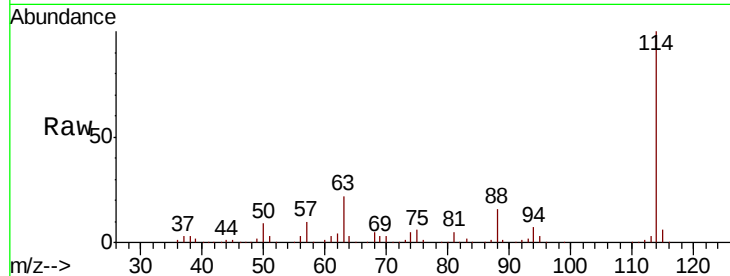




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057826.D
 Acq: 10 Sep 2019 1:00

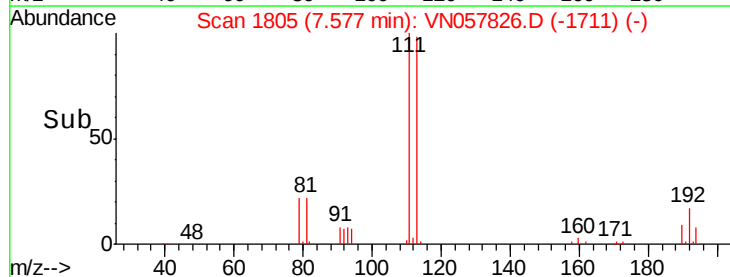
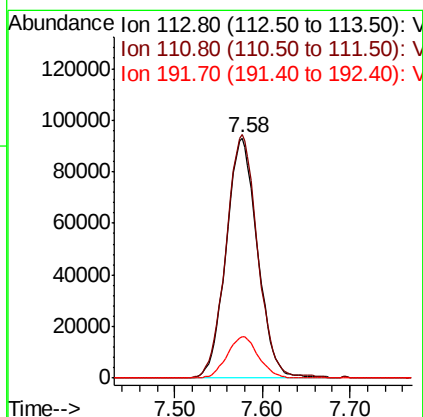
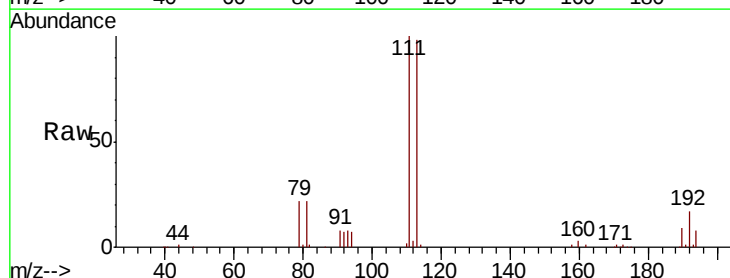
Instrument :
 MSVOA_N
 ClientSampleId :
 PAR-12-F4-(0)

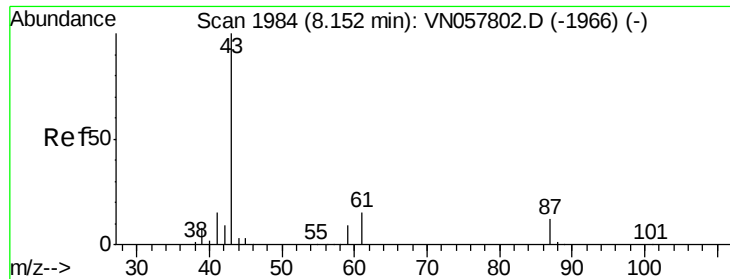
Tot Ion:114 Resp: 524230
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 44.0
 88 15.6 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 47.797 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057826.D
 Acq: 10 Sep 2019 1:00

Tgt Ion:113 Resp: 231264
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.3 121.9
 192 17.4 14.6 22.0





#43

Isopropyl Acetate

Concen: 7.968 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057826.D

Acq: 10 Sep 2019 1:00

Instrument :

MSVOA_N

ClientSampleId :

PAR-12-F4-(0)

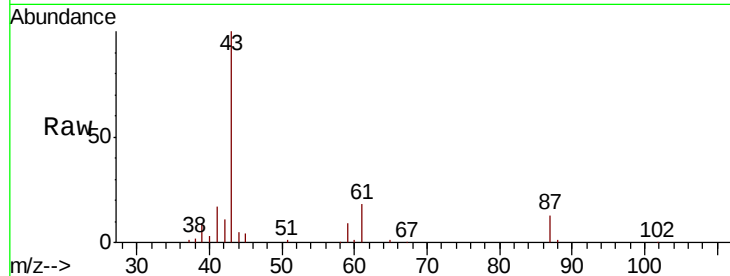
Tot Ion: 43 Resp: 84165

Ion Ratio Lower Upper

43 100

61 17.2 20.1 30.1#

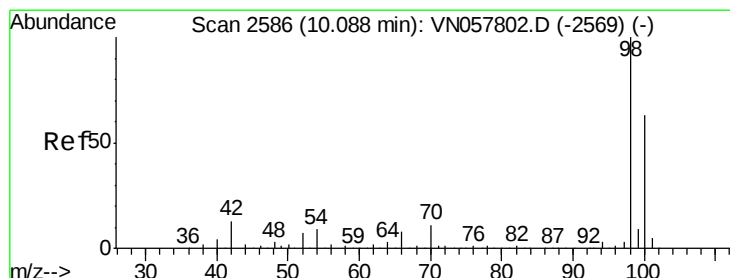
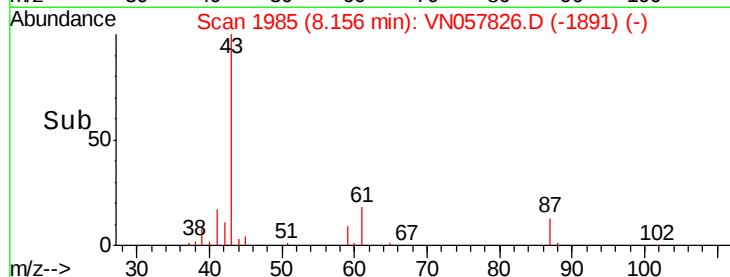
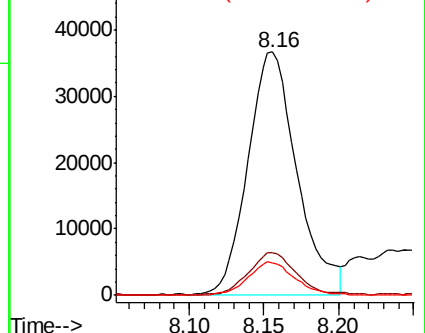
87 12.9 9.5 14.3



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: 51.075 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057826.D

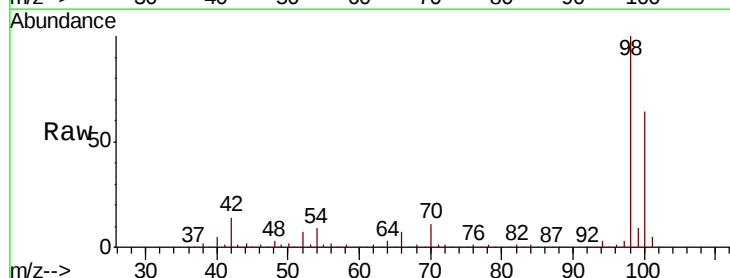
Acq: 10 Sep 2019 1:00

Tgt Ion: 98 Resp: 959459

Ion Ratio Lower Upper

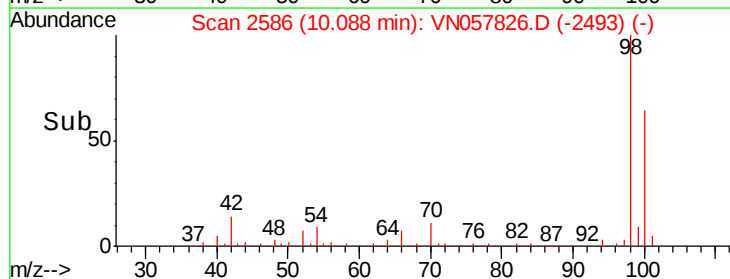
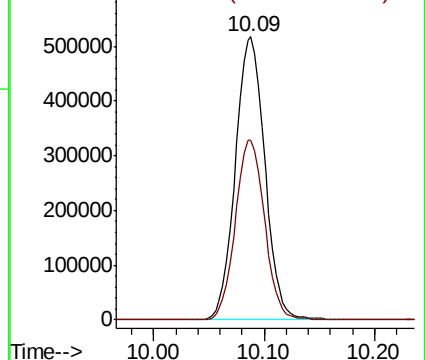
98 100

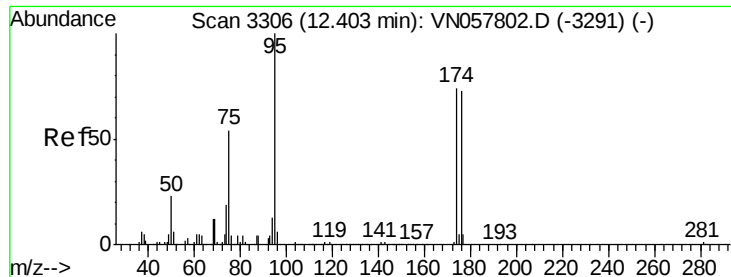
100 63.2 50.3 75.5



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: 42.864 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057826.D

Acq: 10 Sep 2019 1:00

Instrument :

MSVOA_N

ClientSampleId :

PAR-12-F4-(0)

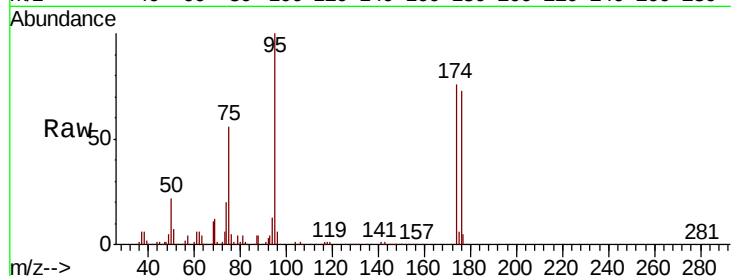
Tot Ion: 95 Resp: 306859

Ion Ratio Lower Upper

95 100

174 76.0 0.0 150.2

176 72.2 0.0 146.0



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

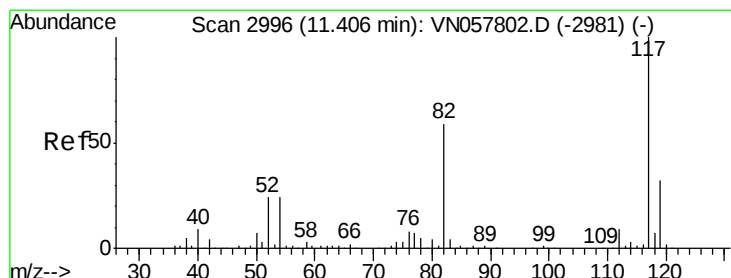
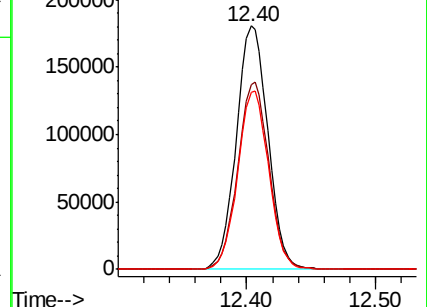
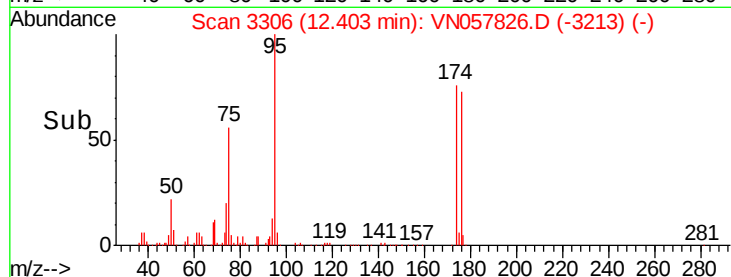
Ion 173.80 (173.50 to 174.50): VN057802.D (-3291) (-)

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

12.40

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: VN057826.D

Acq: 10 Sep 2019 1:00

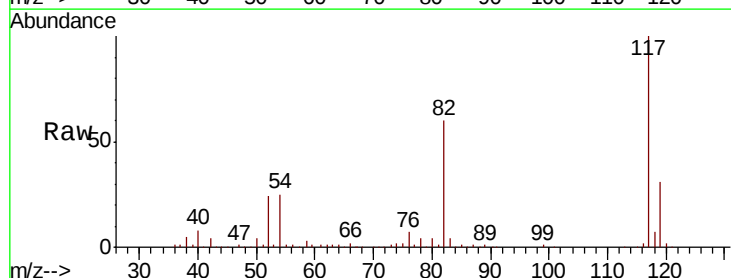
Tgt Ion: 117 Resp: 490210

Ion Ratio Lower Upper

117 100

82 59.7 47.2 70.8

119 31.1 25.3 37.9



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

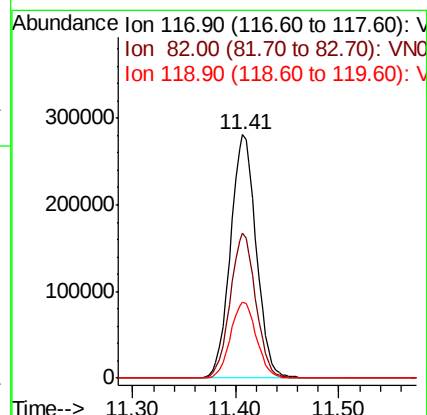
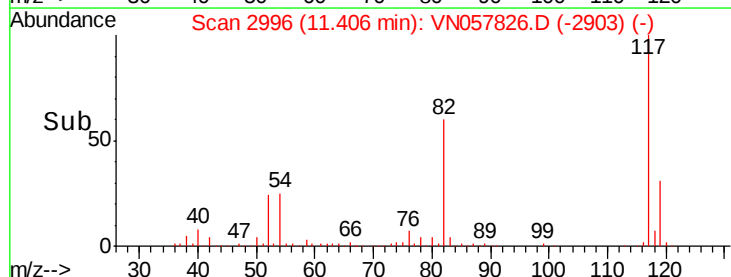
Ion 82.00 (81.70 to 82.70): VN057802.D (-2981) (-)

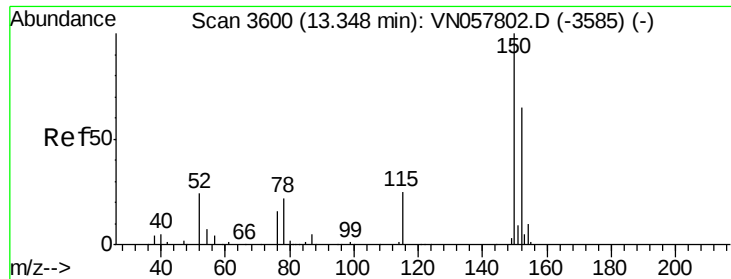
Ion 118.90 (118.60 to 119.60): VN057802.D (-2981) (-)

11.41

11.41

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: VN057826.D

Acq: 10 Sep 2019 1:00

Instrument :

MSVOA_N

ClientSampleId :

PAR-12-F4-(0)

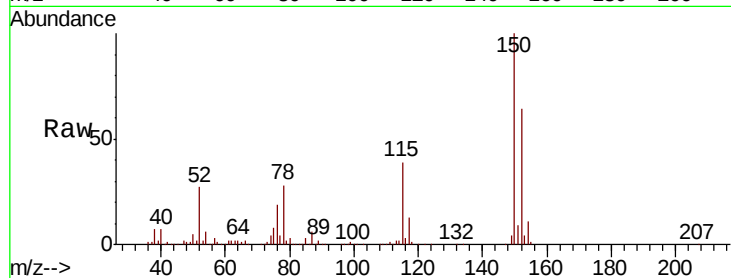
Tot Ion:152 Resp: 246915

Ion Ratio Lower Upper

152 100

115 61.8 30.3 91.0

150 156.1 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

