

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091619\
 Data File : VN058128.D
 Acq On : 16 Sep 2019 18:41
 Operator : JC/SP
 Sample : K4878-22
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TPA-9

Quant Time: Sep 17 08:33:50 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

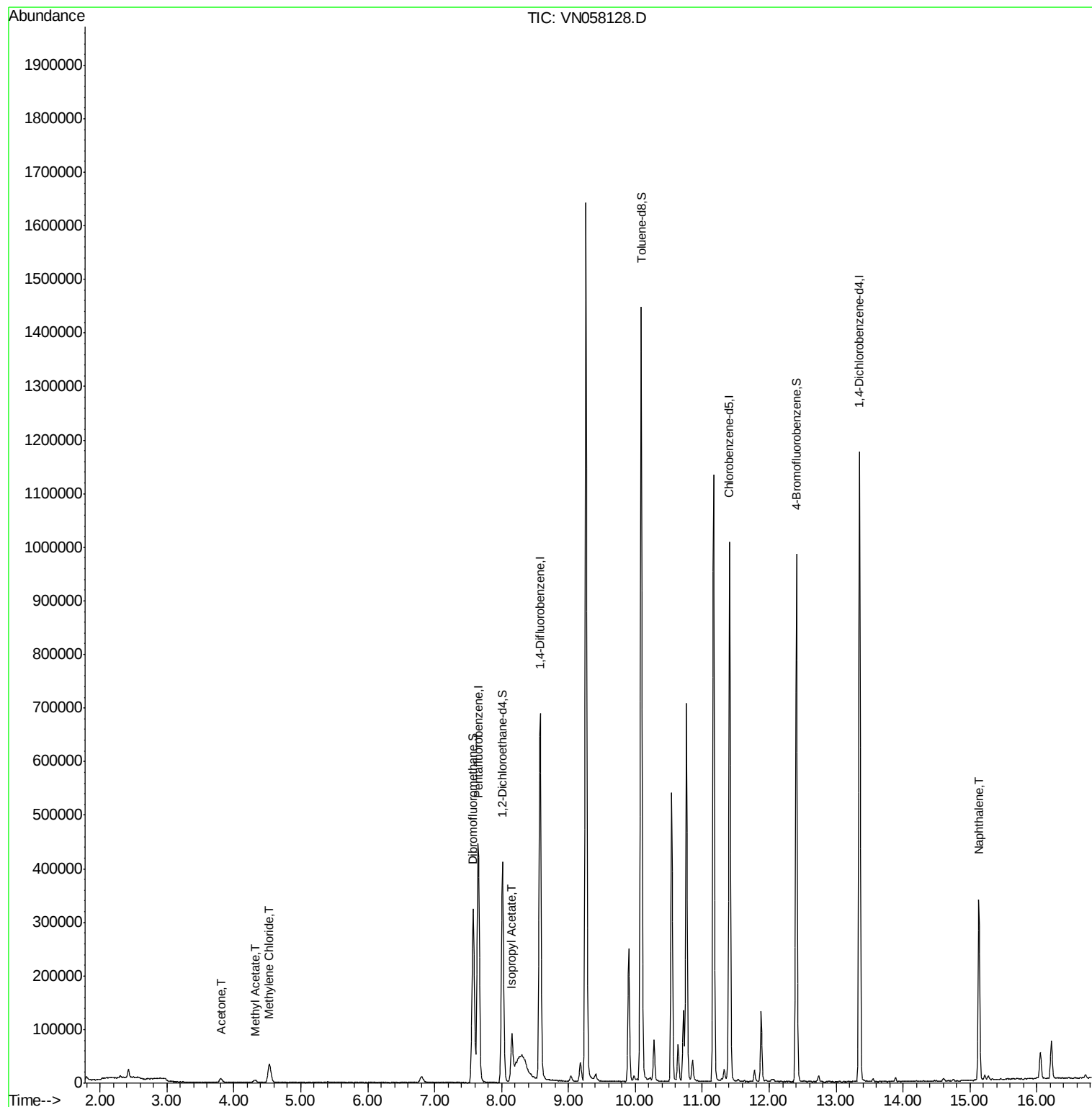
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	350109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	587752	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	546864	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	293597	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	357087	50.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.72%	
35) Dibromofluoromethane	7.58	113	248083	45.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.46%	
50) Toluene-d8	10.08	98	971390	46.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.24%	
62) 4-Bromofluorobenzene	12.41	95	326695	40.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.40%	
Target Compounds						
					Qvalue	
16) Acetone	3.80	43	14396	6.193	ug/l #	88
18) Methyl Acetate	4.31	43	7989	1.289	ug/l #	90
20) Methylene Chloride	4.53	84	24961	4.521	ug/l	97
43) Isopropyl Acetate	8.16	43	114808	9.694	ug/l #	86
95) Naphthalene	15.13	128	267986	14.476	ug/l	100

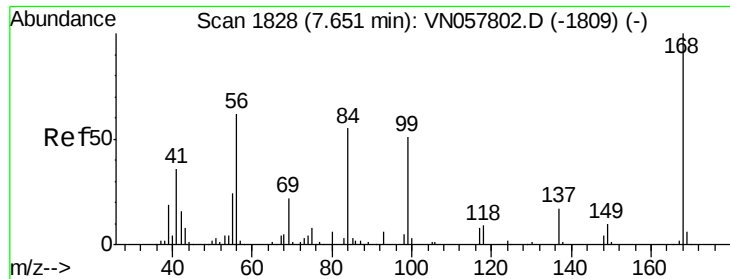
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091619\
Data File : VN058128.D
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Quant Time: Sep 17 08:33:50 2019
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# 1829

Delta R.T. 0.00 min

Lab File: VN058128.D

Acq: 16 Sep 2019 18:41

Instrument :

MSVOA_N

ClientSampleId :

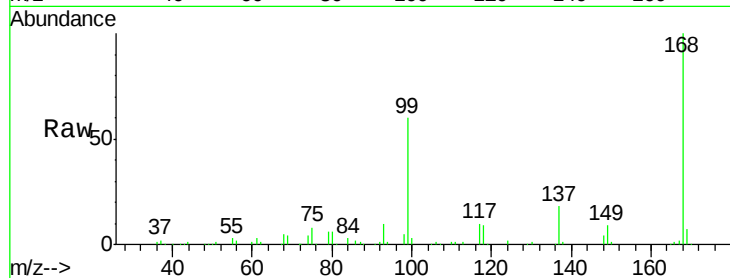
TPA-9

Tot Ion:168 Resp: 350109

Ion Ratio Lower Upper

168 100

99 59.9 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

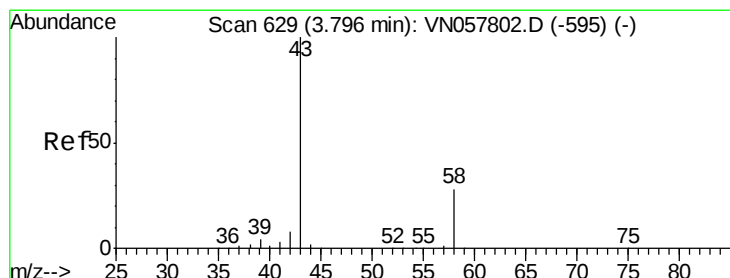
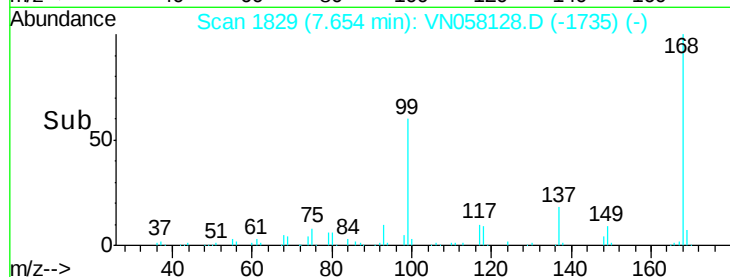
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.193 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058128.D

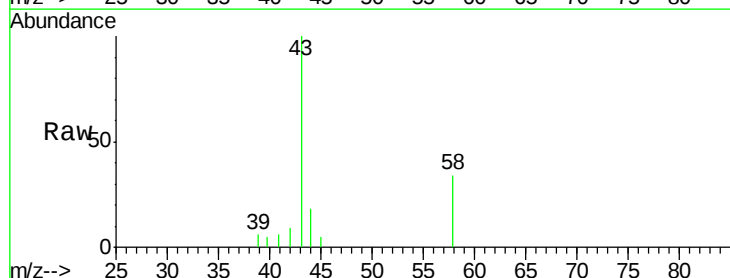
Acq: 16 Sep 2019 18:41

Tgt Ion: 43 Resp: 14396

Ion Ratio Lower Upper

43 100

58 34.0 22.2 33.2#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.80

5000

4000

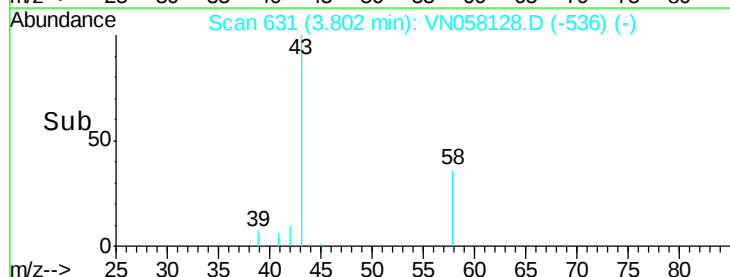
3000

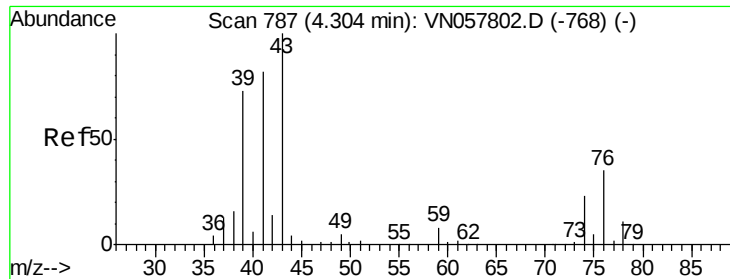
2000

1000

0

Time-->

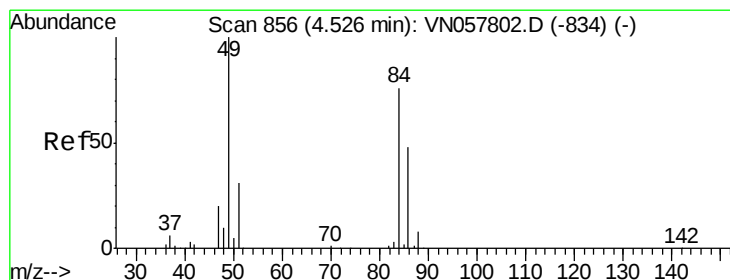
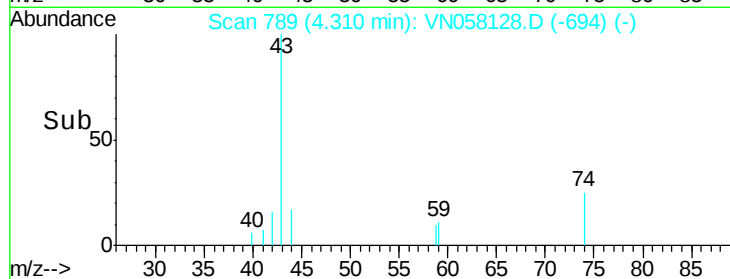
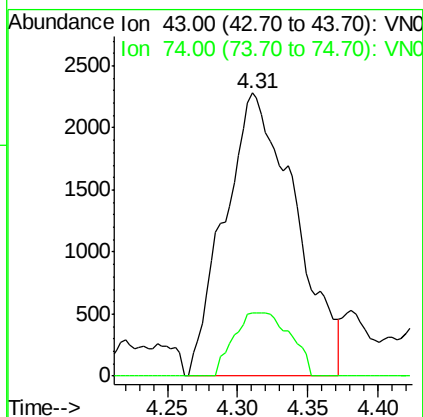
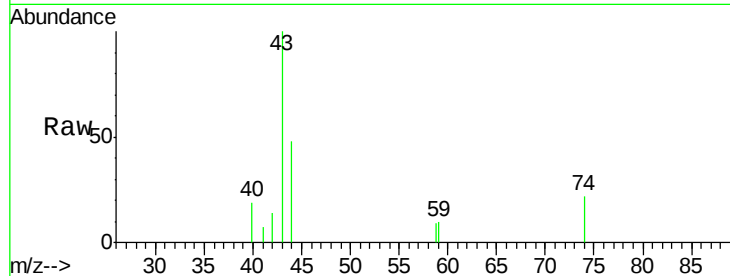




#18
Methyl Acetate
Concen: 1.289 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.01 min
Lab File: VN058128.D
Acq: 16 Sep 2019 18:41

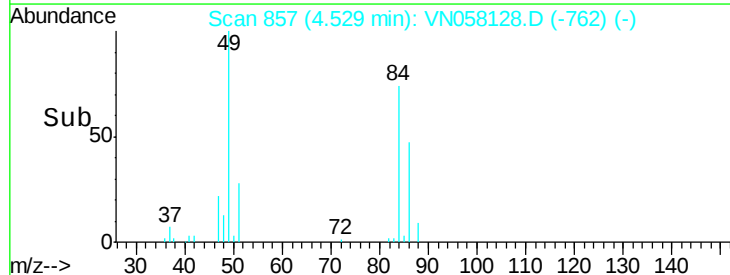
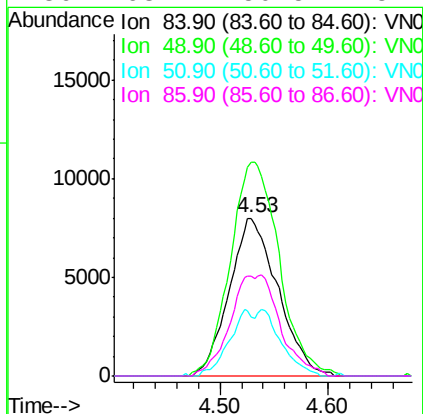
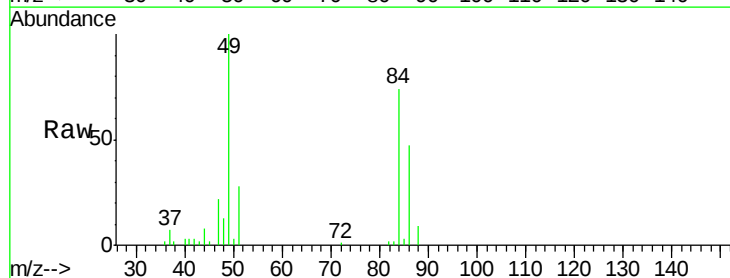
Instrument :
MSVOA_N
ClientSampled :
TPA-9

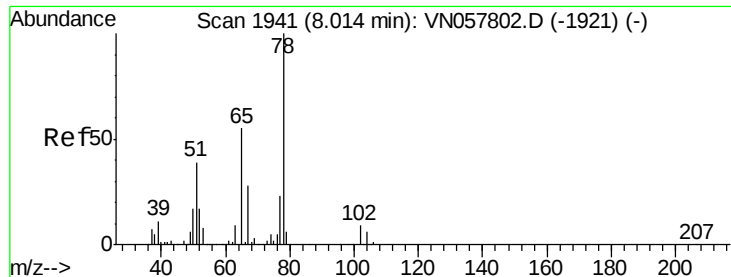
Tot Ion: 43 Resp: 7989
Ion Ratio Lower Upper
43 100
74 17.7 17.9 26.9#



#20
Methylene Chloride
Concen: 4.521 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058128.D
Acq: 16 Sep 2019 18:41

Tgt Ion: 84 Resp: 24961
Ion Ratio Lower Upper
84 100
49 135.1 104.8 157.2
51 37.7 33.0 49.4
86 63.1 50.5 75.7





#33

1,2-Dichloroethane-d4

Concen: 50.357 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058128.D

Acq: 16 Sep 2019 18:41

Instrument :

MSVOA_N

ClientSampleId :

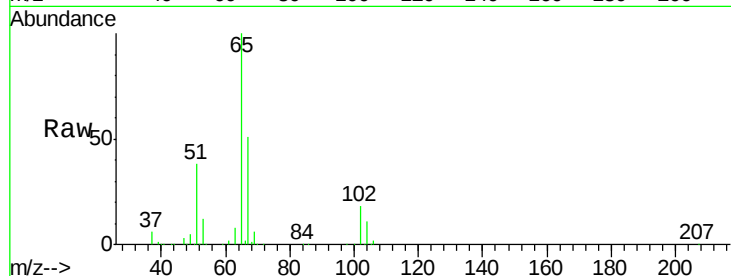
TPA-9

Tot Ion: 65 Resp: 357087

Ion Ratio Lower Upper

65 100

67 51.1 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN058128.D (-1848) (-)

Ion 66.90 (66.60 to 67.60): VN058128.D (-1848) (-)

8.01

150000

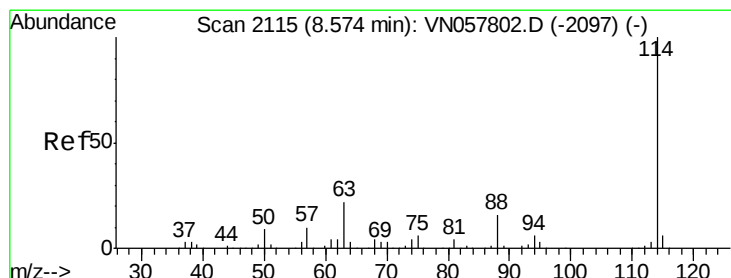
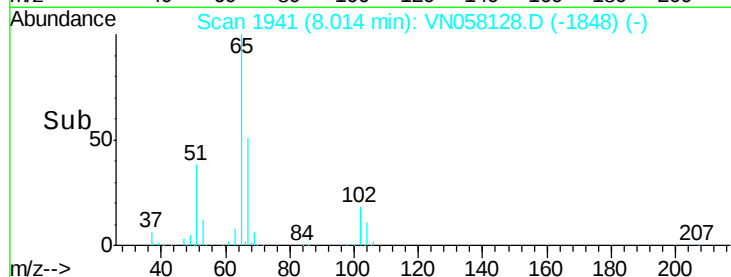
100000

50000

0

7.90 8.00 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN058128.D

Acq: 16 Sep 2019 18:41

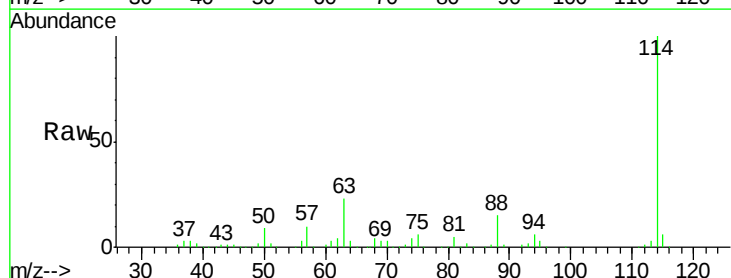
Tgt Ion: 114 Resp: 587752

Ion Ratio Lower Upper

114 100

63 22.8 0.0 44.0

88 15.2 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN058128.D (-2022) (-)

Ion 63.00 (62.70 to 63.70): VN058128.D (-2022) (-)

Ion 87.90 (87.60 to 88.60): VN058128.D (-2022) (-)

8.58

300000

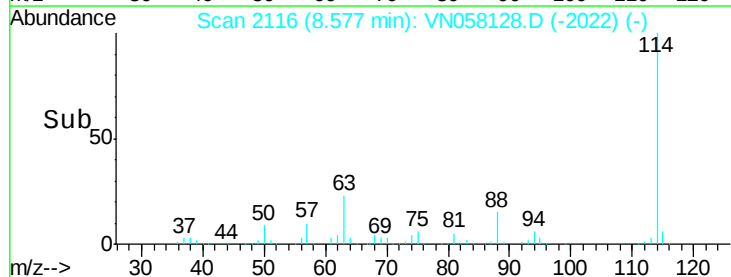
200000

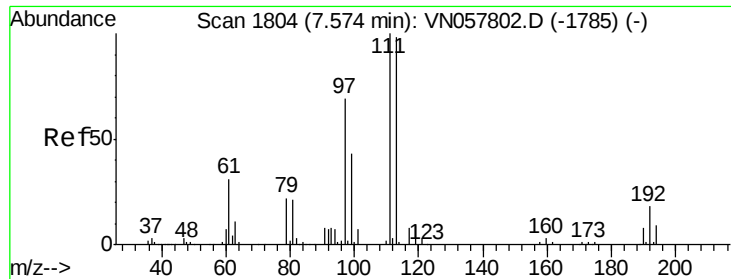
100000

0

8.50 8.60 8.70

Time-->





#35

Dibromofluoromethane

Concen: 45.732 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN058128.D

Acq: 16 Sep 2019 18:41

Instrument :

MSVOA_N

ClientSampled :

TPA-9

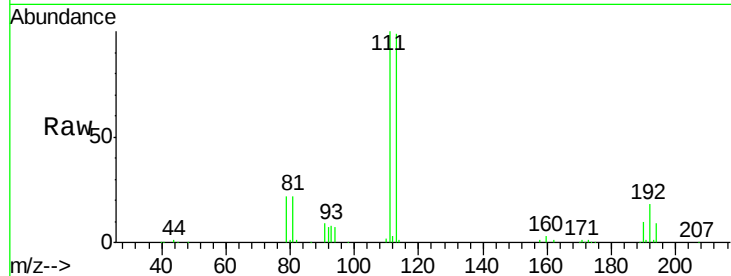
Tot Ion:113 Resp: 248083

Ion Ratio Lower Upper

113 100

111 101.5 81.3 121.9

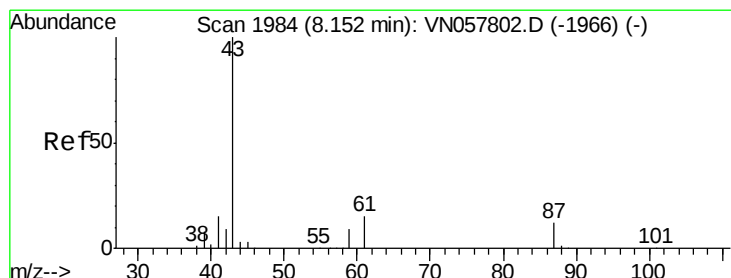
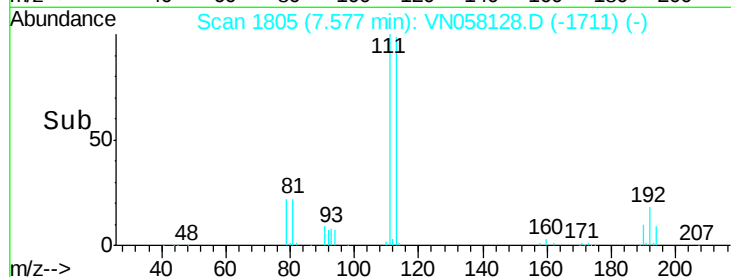
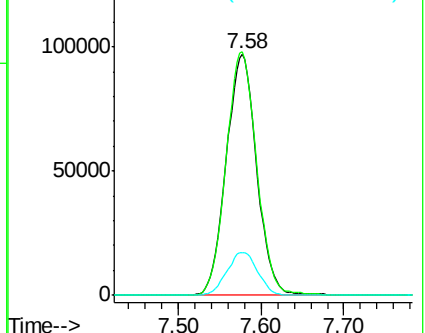
192 18.1 14.6 22.0



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: 9.694 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN058128.D

Acq: 16 Sep 2019 18:41

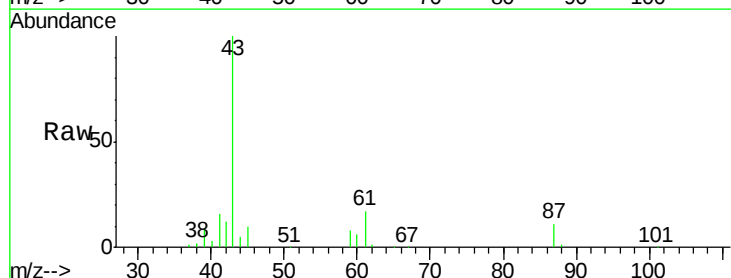
Tgt Ion: 43 Resp: 114808

Ion Ratio Lower Upper

43 100

61 16.2 20.1 30.1#

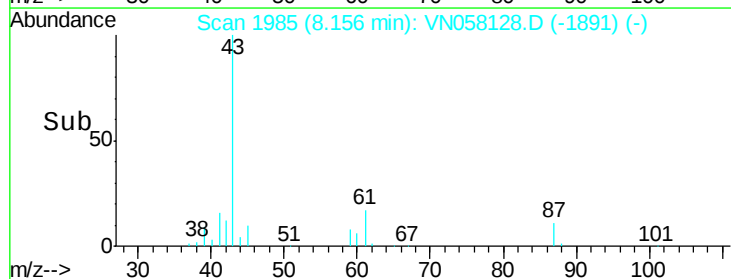
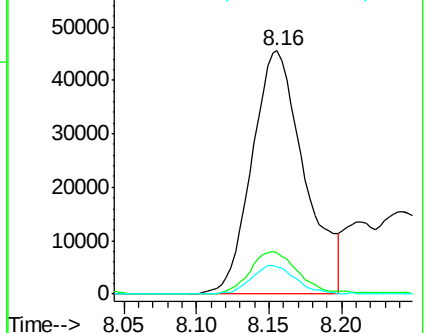
87 9.9 9.5 14.3

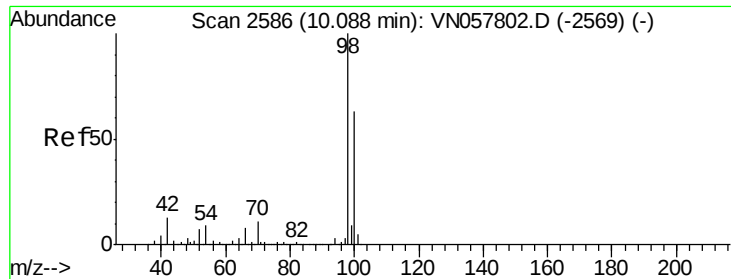


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 46.121 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058128.D

Acq: 16 Sep 2019 18:41

Instrument :

MSVOA_N

ClientSampled :

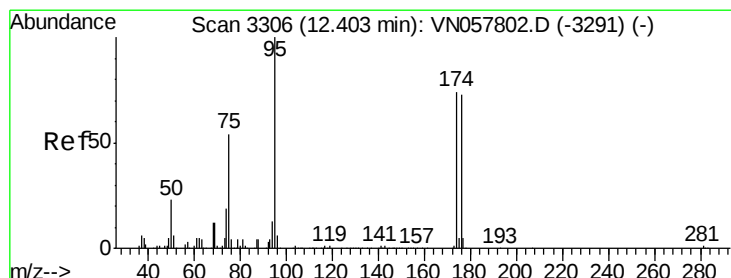
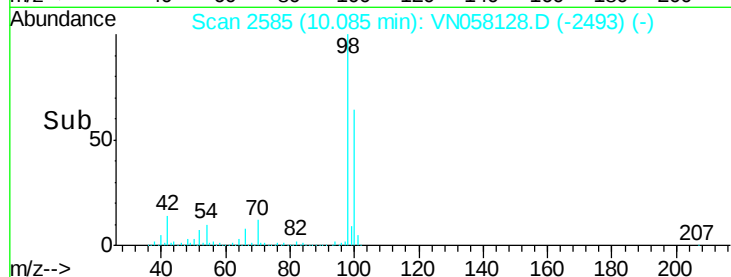
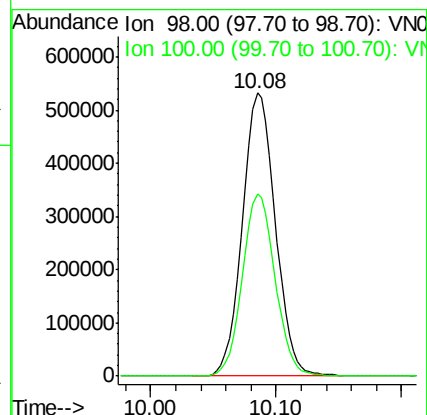
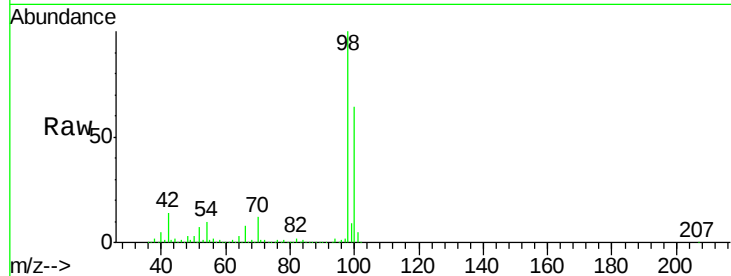
TPA-9

Tot Ion: 98 Resp: 971390

Ion Ratio Lower Upper

98 100

100 64.0 50.3 75.5



#62

4-Bromofluorobenzene

Concen: 40.703 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058128.D

Acq: 16 Sep 2019 18:41

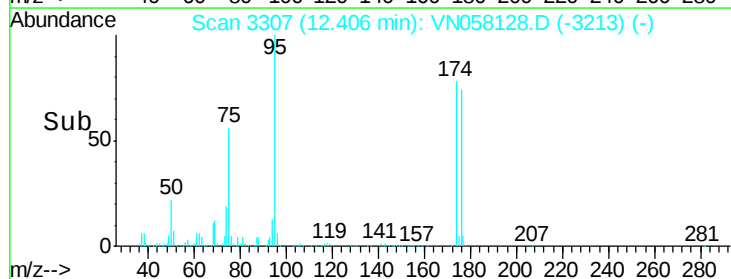
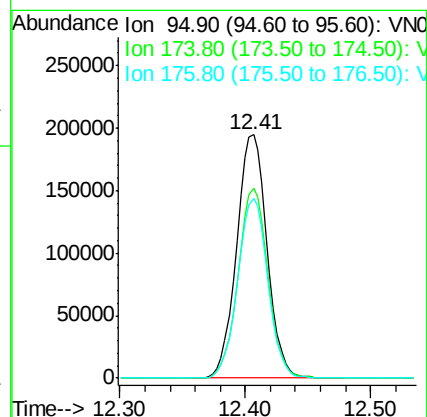
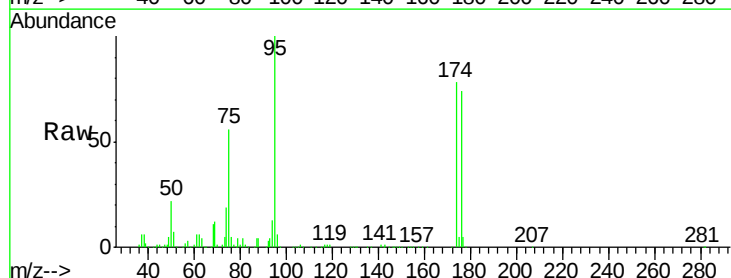
Tgt Ion: 95 Resp: 326695

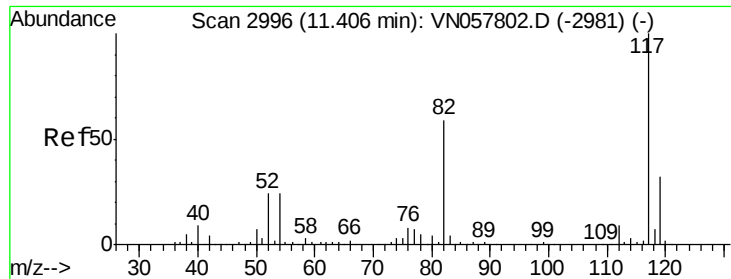
Ion Ratio Lower Upper

95 100

174 77.0 0.0 150.2

176 73.5 0.0 146.0

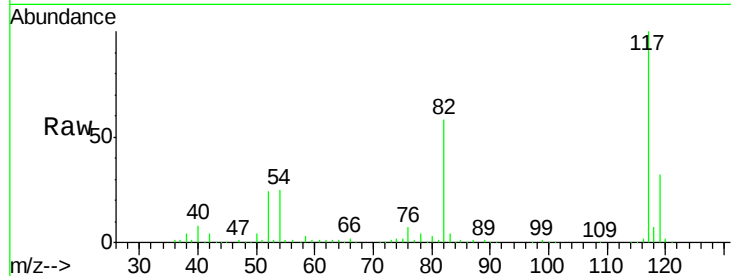




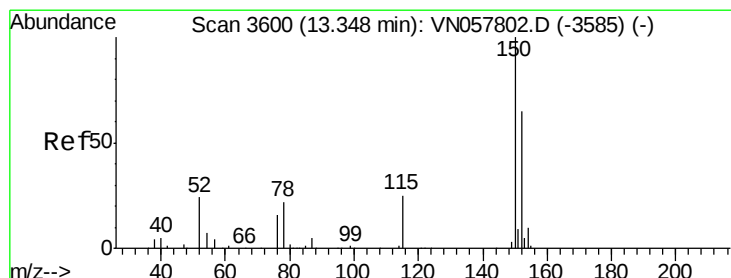
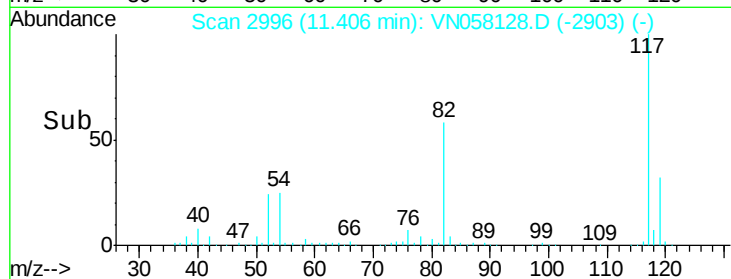
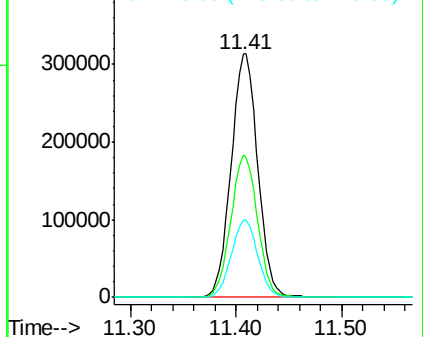
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN058128.D
 Acq: 16 Sep 2019 18:41

Instrument :
 MSVOA_N
 ClientSampled :
 TPA-9

Tot Ion:117 Resp: 546864
 Ion Ratio Lower Upper
 117 100
 82 58.4 47.2 70.8
 119 31.5 25.3 37.9

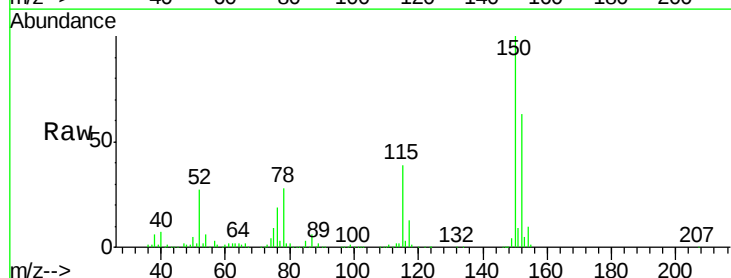


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): V
 Ion 118.90 (118.60 to 119.60): V

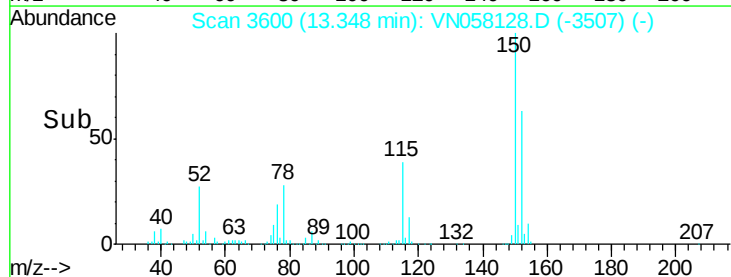
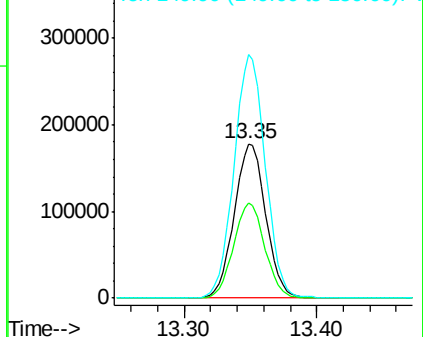


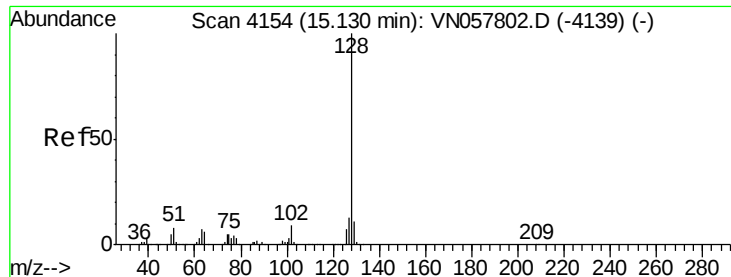
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3600
 Delta R.T. 0.00 min
 Lab File: VN058128.D
 Acq: 16 Sep 2019 18:41

Tgt Ion:152 Resp: 293597
 Ion Ratio Lower Upper
 152 100
 115 61.1 30.3 91.0
 150 156.9 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





#95

Naphthalene

Concen: 14.476 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058128.D

Acq: 16 Sep 2019 18:41

Instrument :

MSVOA_N

ClientSampleId :

TPA-9

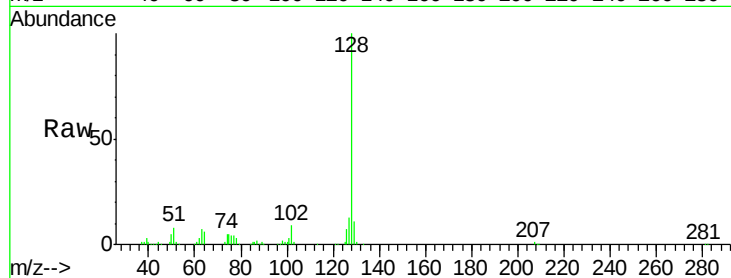
Tot Ion:128 Resp: 267986

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 10.9 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

