

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102119\
 Data File : VN058885.D
 Acq On : 21 Oct 2019 14:01
 Operator : JC/SP
 Sample : PB124130TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB124130TB

Quant Time: Oct 22 04:23:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

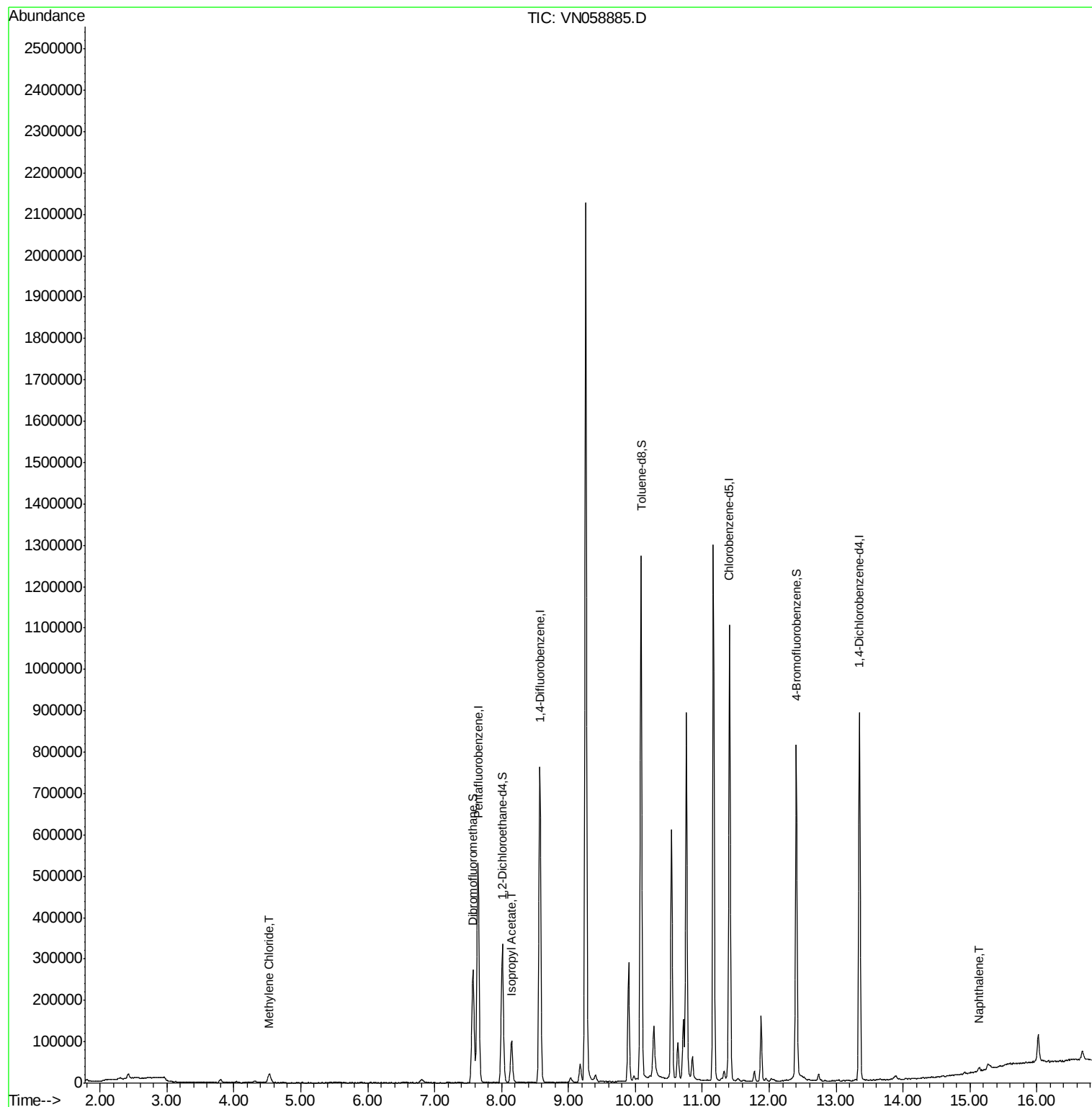
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	410152	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	662557	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	604575	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	228643	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	296793	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.68%	
35) Dibromofluoromethane	7.57	113	208915	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.92%	
50) Toluene-d8	10.08	98	846879	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.16%	
62) 4-Bromofluorobenzene	12.40	95	275319	44.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.68%	
Target Compounds						
20) Methylene Chloride	4.53	84	16238	3.199	ug/l	95
43) Isopropyl Acetate	8.15	43	118373	9.986	ug/l #	90
95) Naphthalene	15.13	128	5878	2.654	ug/l	96

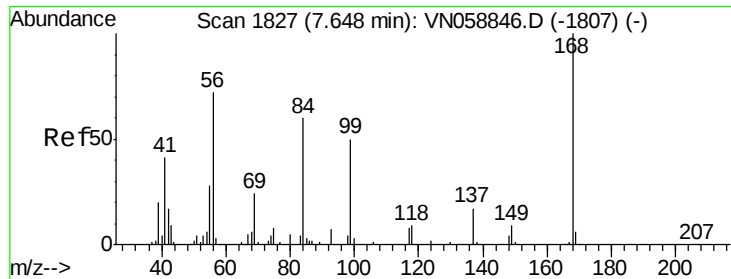
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102119\
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QLast Update : Sat Oct 19 00:16:20 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN058885.D

Acq: 21 Oct 2019 14:01

Instrument :

MSVOA_N

ClientSampleId :

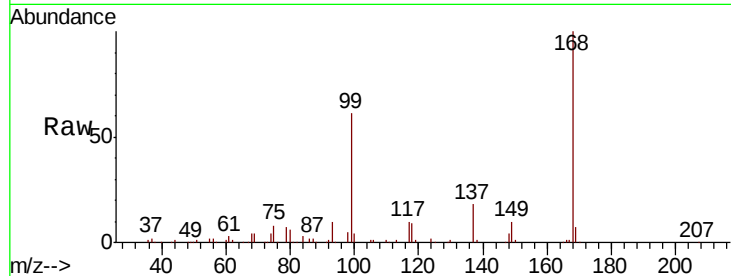
PB124130TB

Tot Ion:168 Resp: 410152

Ion Ratio Lower Upper

168 100

99 60.8 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

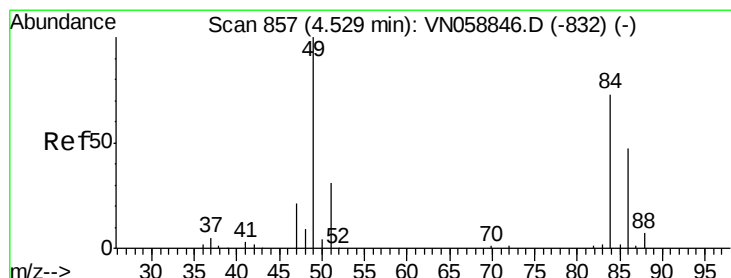
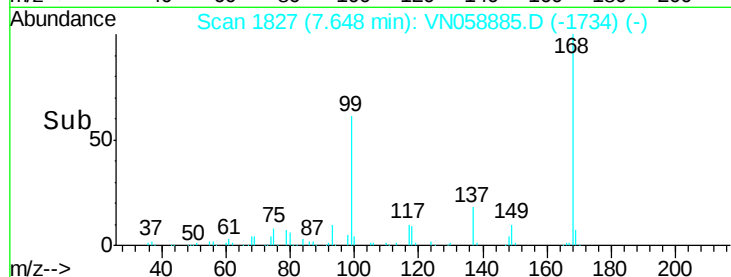
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#20

Methylene Chloride

Concen: 3.199 ug/l

RT: 4.53 min Scan# 858

Delta R.T. 0.00 min

Lab File: VN058885.D

Acq: 21 Oct 2019 14:01

Tgt Ion: 84 Resp: 16238

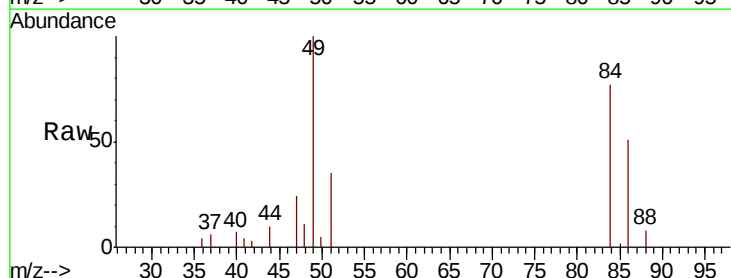
Ion Ratio Lower Upper

84 100

49 130.3 109.6 164.4

51 45.8 33.8 50.6

86 66.4 51.5 77.3



Abundance Ion 83.90 (83.60 to 84.60): VN

Ion 48.90 (48.60 to 49.60): VN

Ion 50.90 (50.60 to 51.60): VN

Ion 85.90 (85.60 to 86.60): VN

4.53

10000

8000

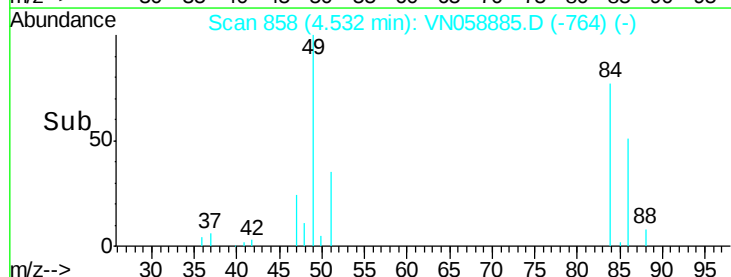
6000

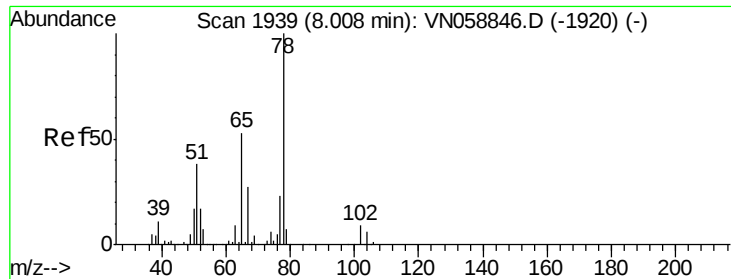
4000

2000

0

Time--> 4.45 4.50 4.55 4.60

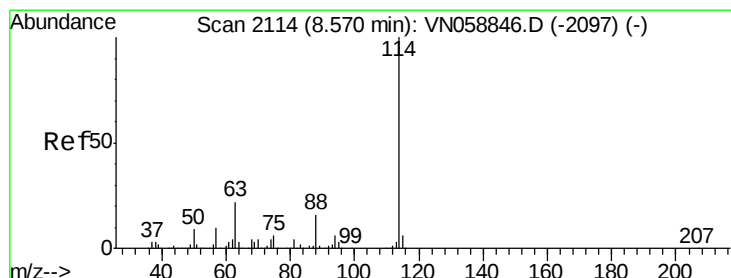
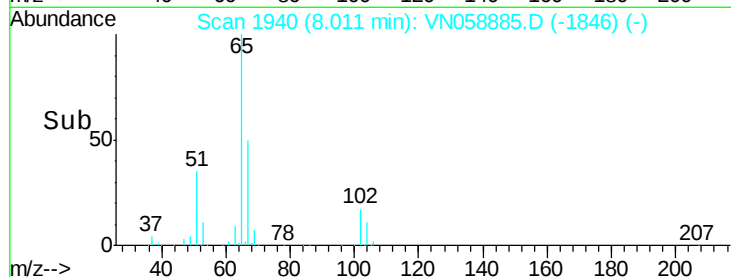
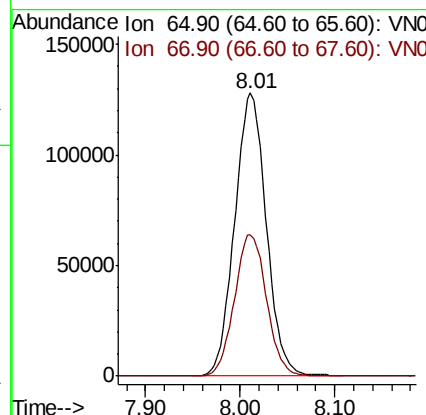
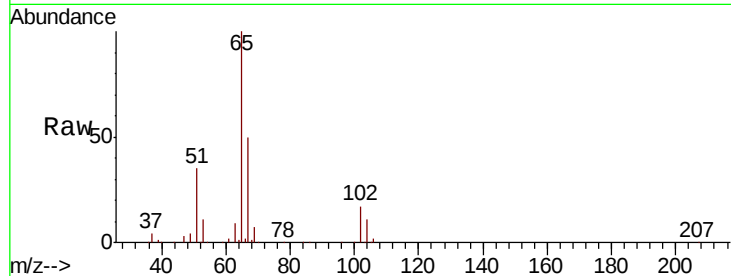




#33
 1,2-Dichloroethane-d4
 Concen: 49.338 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058885.D
 Acq: 21 Oct 2019 14:01

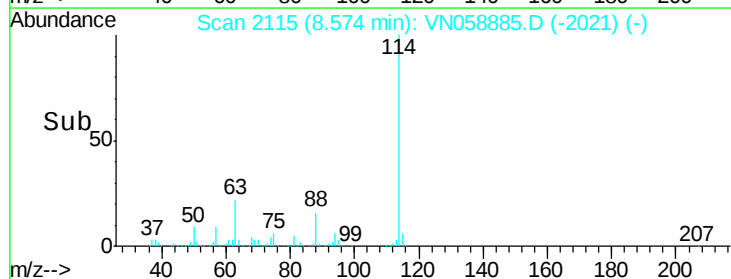
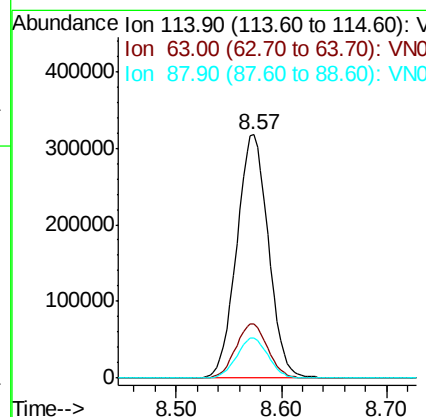
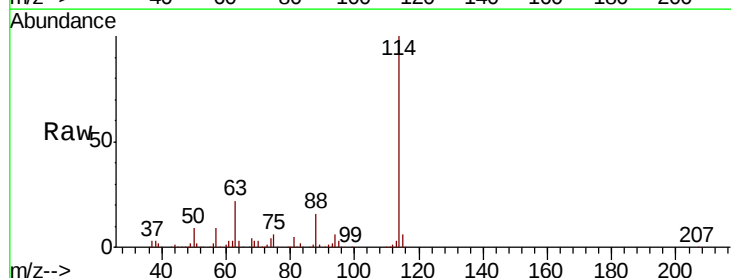
Instrument :
 MSVOA_N
 ClientSampleId :
 PB124130TB

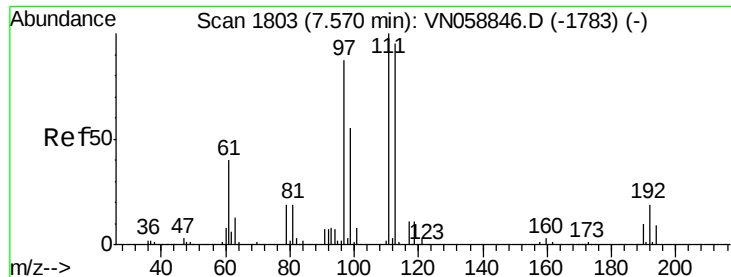
Tot Ion: 65 Resp: 296793
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058885.D
 Acq: 21 Oct 2019 14:01

Tgt Ion: 114 Resp: 662557
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 44.4
 88 16.4 0.0 31.4

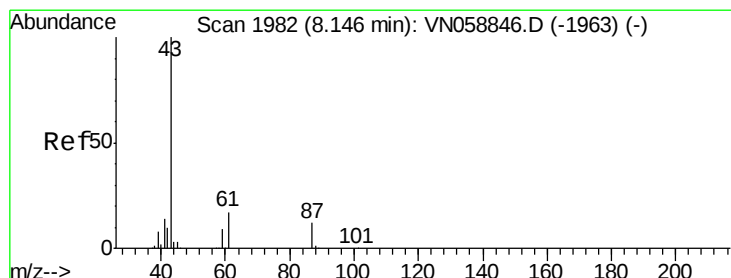
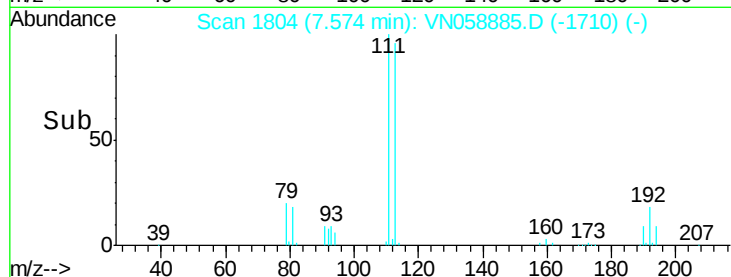
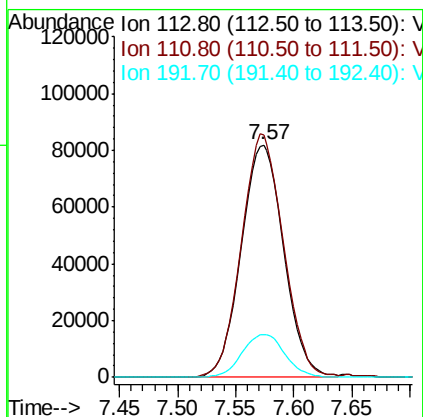
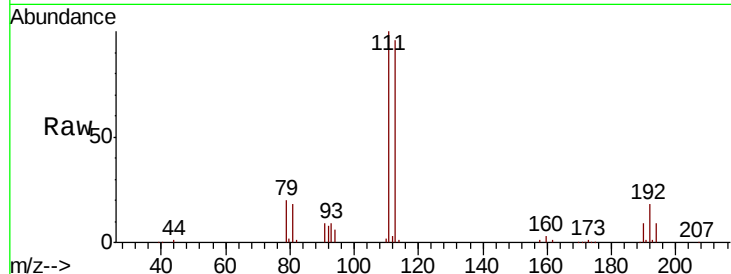




#35
 Dibromofluoromethane
 Concen: 47.959 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058885.D
 Acq: 21 Oct 2019 14:01

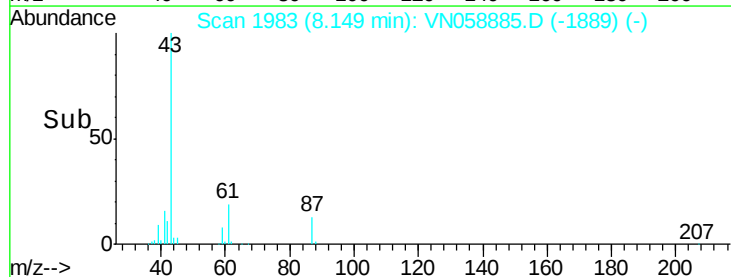
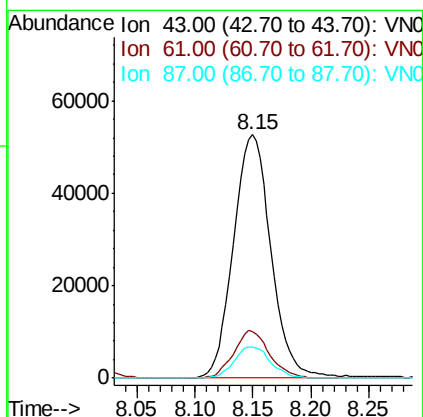
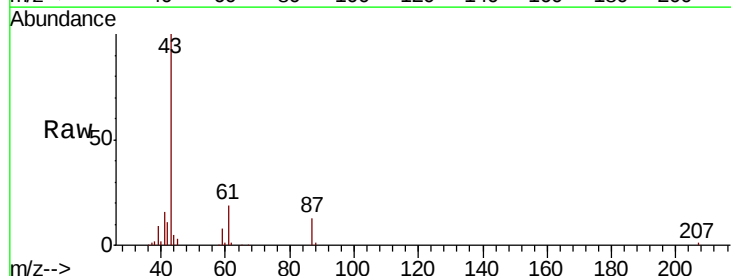
Instrument :
 MSVOA_N
 ClientSampleId :
 PB124130TB

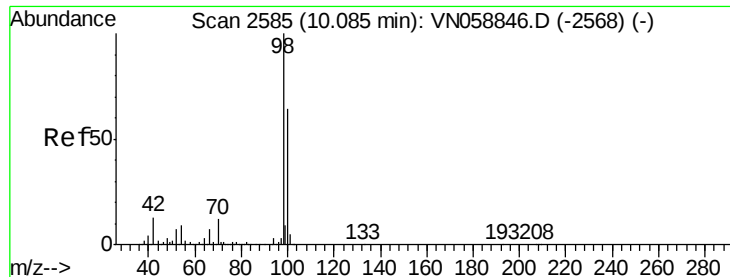
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.0	123.0
192	18.6	15.0	22.6



#43
 Isopropyl Acetate
 Concen: 9.986 ug/l
 RT: 8.15 min Scan# 1983
 Delta R.T. 0.00 min
 Lab File: VN058885.D
 Acq: 21 Oct 2019 14:01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.5	20.2	30.2#
87	12.4	9.5	14.3





#50

Toluene-d8

Concen: 50.082 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058885.D

Acq: 21 Oct 2019 14:01

Instrument :

MSVOA_N

ClientSampleId :

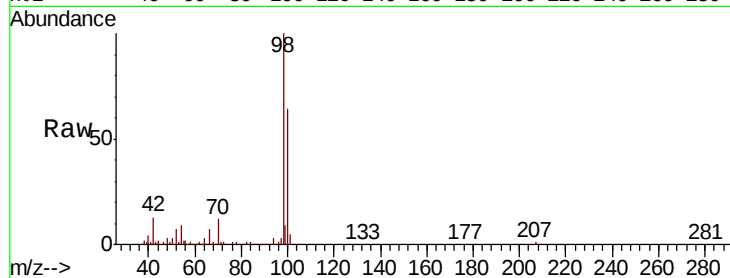
PB124130TB

Tot Ion: 98 Resp: 846879

Ion Ratio Lower Upper

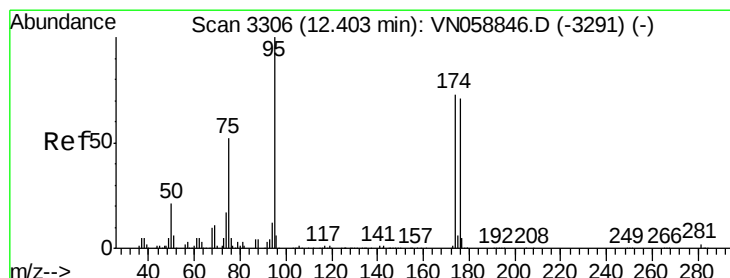
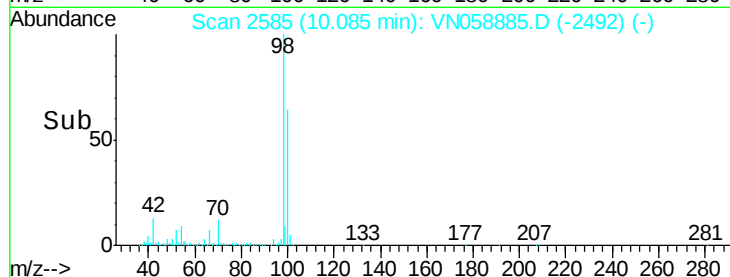
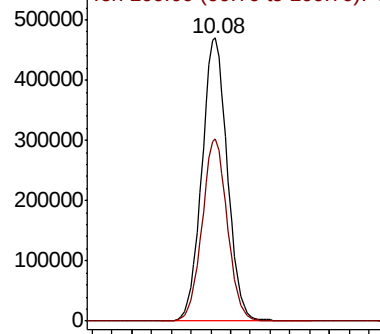
98 100

100 63.9 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 44.336 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058885.D

Acq: 21 Oct 2019 14:01

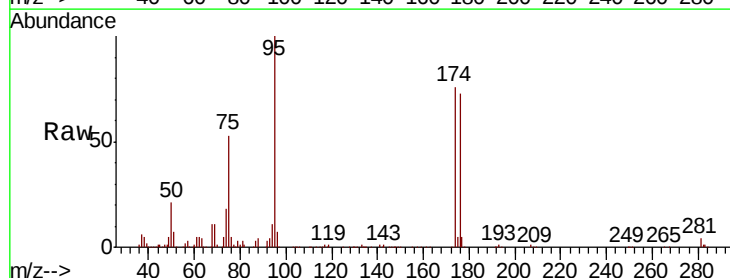
Tgt Ion: 95 Resp: 275319

Ion Ratio Lower Upper

95 100

174 76.6 0.0 147.6

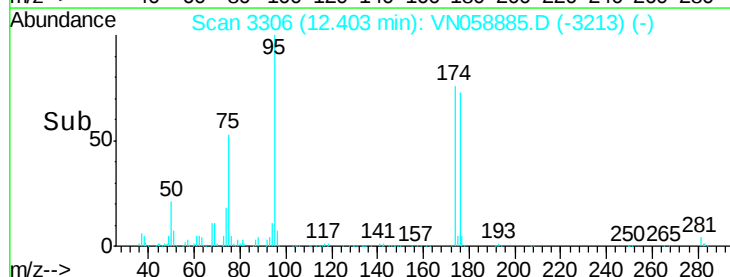
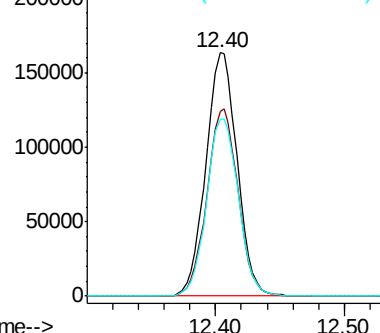
176 74.1 0.0 143.2

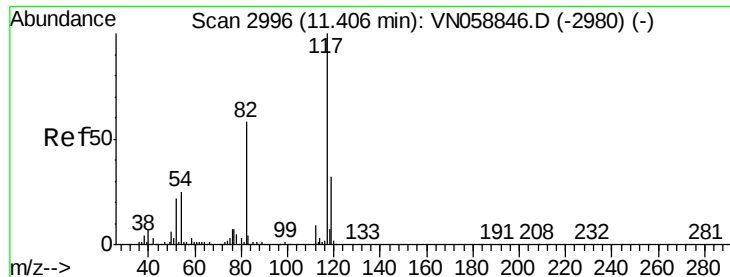


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

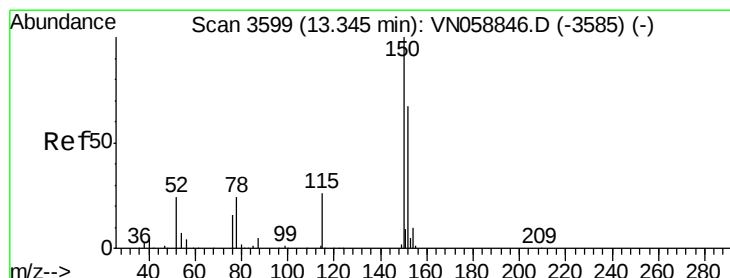
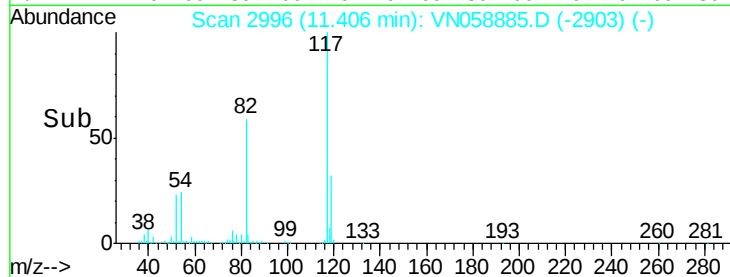
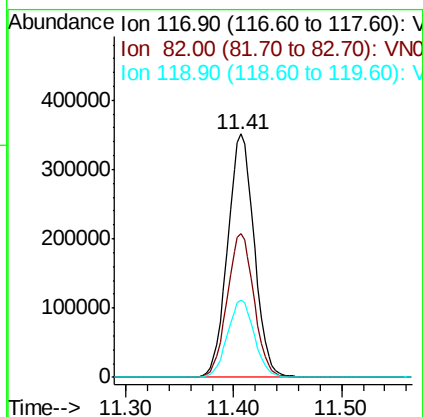
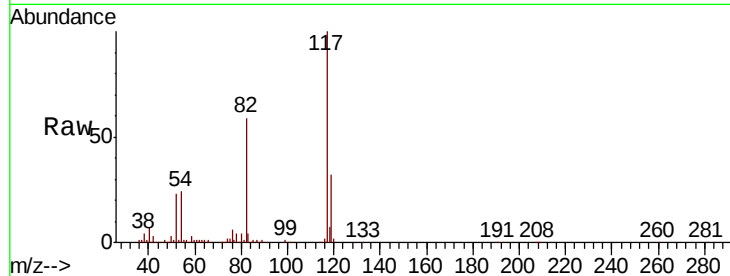




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058885.D
Acq: 21 Oct 2019 14:01

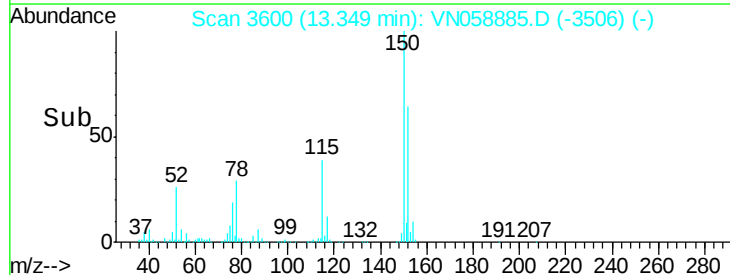
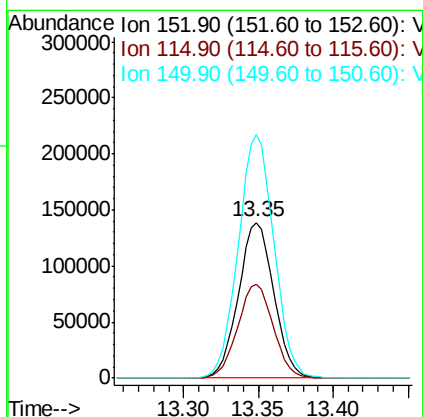
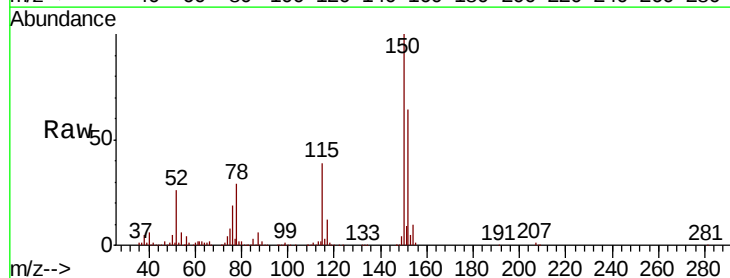
Instrument :
MSVOA_N
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PB124130TB

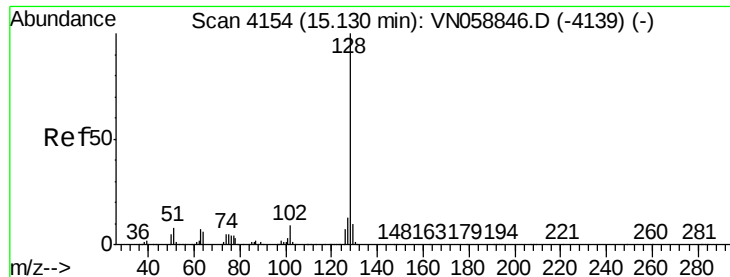
Tot Ion:117 Resp: 604575
Ion Ratio Lower Upper
117 100
82 59.1 46.6 69.8
119 31.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058885.D
Acq: 21 Oct 2019 14:01

Tgt Ion:152 Resp: 228643
Ion Ratio Lower Upper
152 100
115 60.8 30.5 91.5
150 157.9 0.0 344.4





#95

Naphthalene

Concen: 2.654 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058885.D

Acq: 21 Oct 2019 14:01

Instrument :

MSVOA_N

ClientSampleId :

PB124130TB

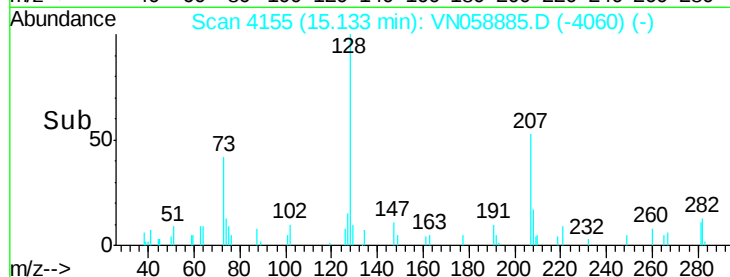
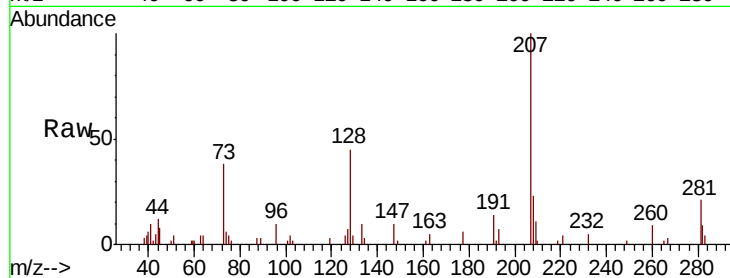
Tot Ion:128 Resp: 5878

Ion Ratio Lower Upper

128 100

127 11.7 10.2 15.2

129 12.4 8.4 12.6



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

