

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102119\
 Data File : VN058887.D
 Acq On : 21 Oct 2019 14:45
 Operator : JC/SP
 Sample : K5447-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RT5124

Quant Time: Oct 22 04:30:13 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

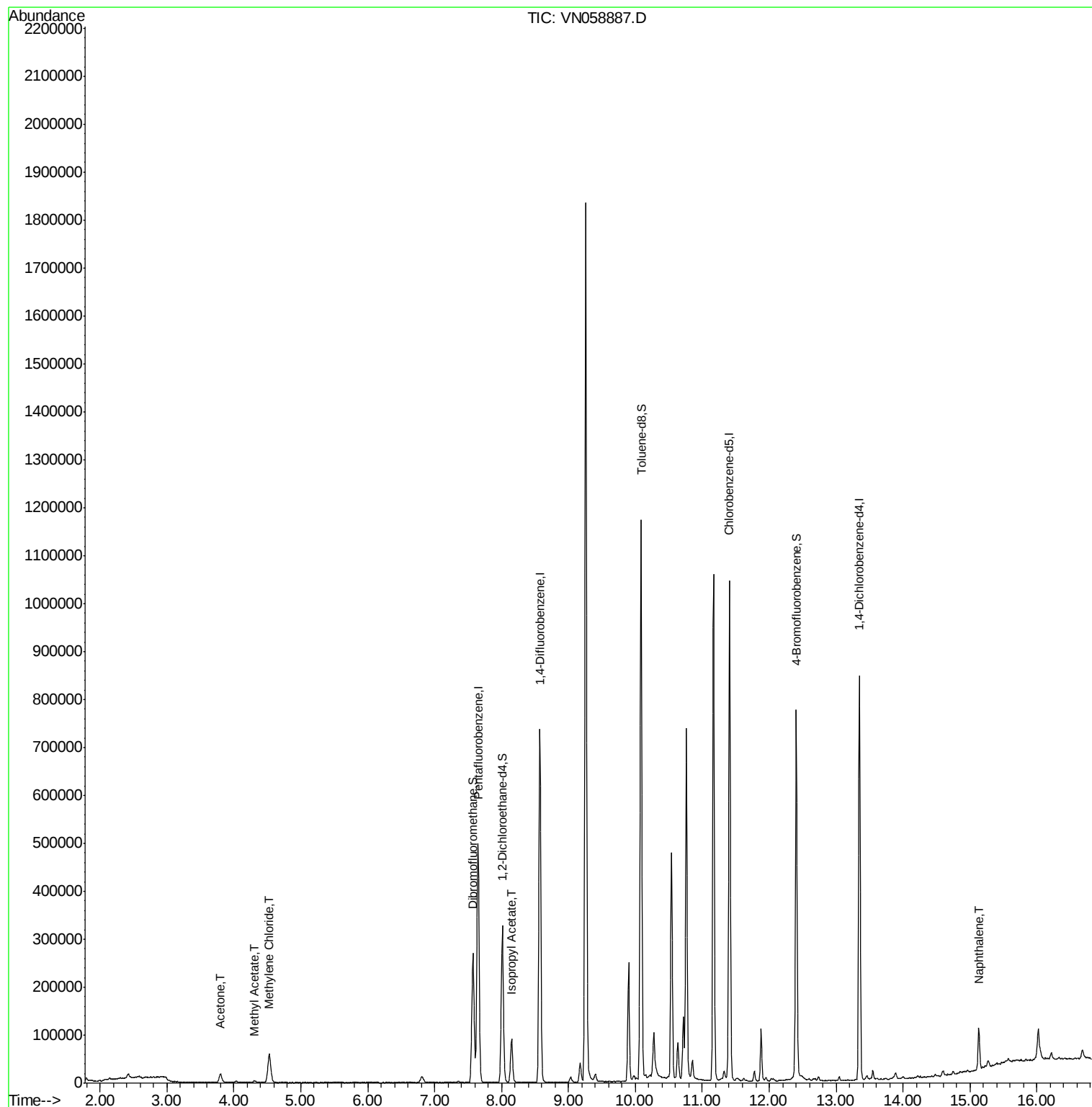
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	394496	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	631095	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	580177	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	221812	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	287342	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
35) Dibromofluoromethane	7.57	113	204056	49.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.36%	
50) Toluene-d8	10.08	98	803243	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
62) 4-Bromofluorobenzene	12.40	95	260513	44.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.08%	
Target Compounds						
16) Acetone	3.80	43	33685	11.782	ug/l	98
18) Methyl Acetate	4.31	43	6948	1.069	ug/l #	61
20) Methylene Chloride	4.53	84	43242	8.858	ug/l	98
43) Isopropyl Acetate	8.15	43	105638	9.356	ug/l #	90
95) Naphthalene	15.13	128	68846	7.403	ug/l	98

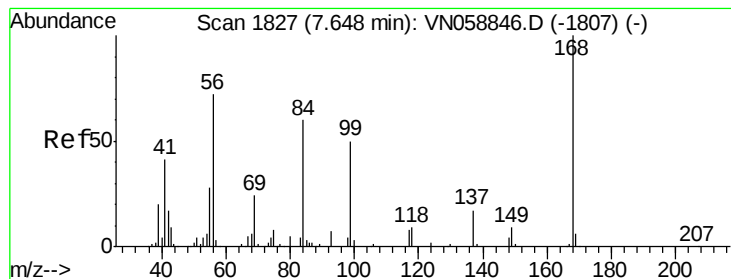
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN058887.D

Acq: 21 Oct 2019 14:45

Instrument :

MSVOA_N

ClientSampleId :

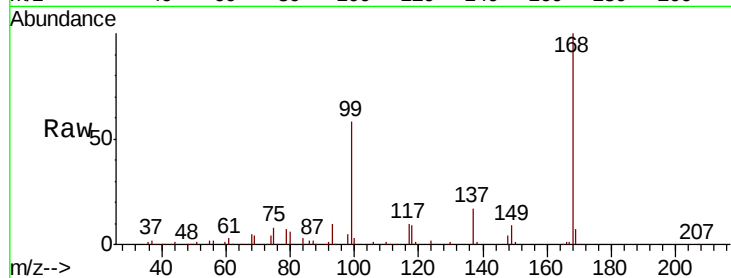
RT5124

Tot Ion:168 Resp: 394496

Ion Ratio Lower Upper

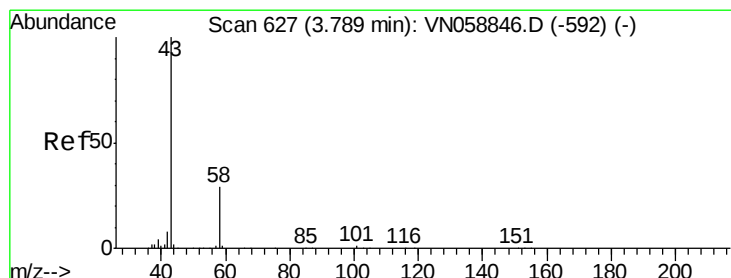
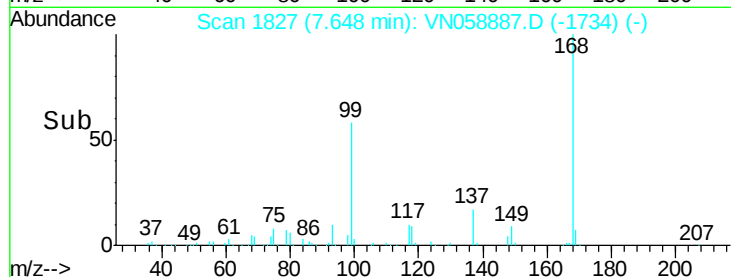
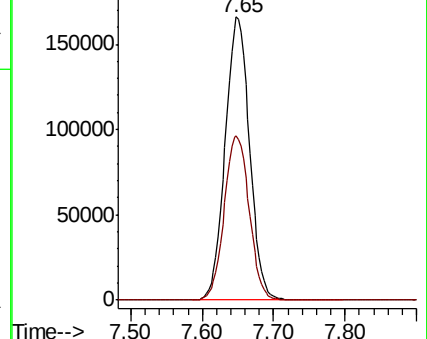
168 100

99 57.9 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 11.782 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN058887.D

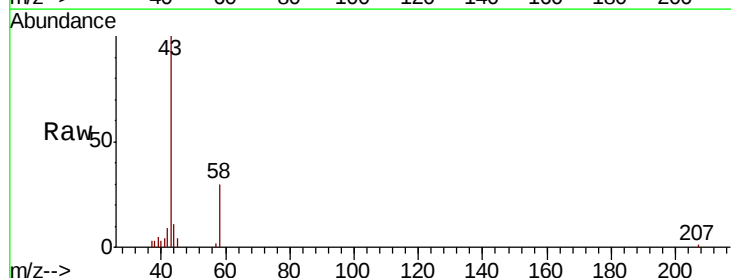
Acq: 21 Oct 2019 14:45

Tgt Ion: 43 Resp: 33685

Ion Ratio Lower Upper

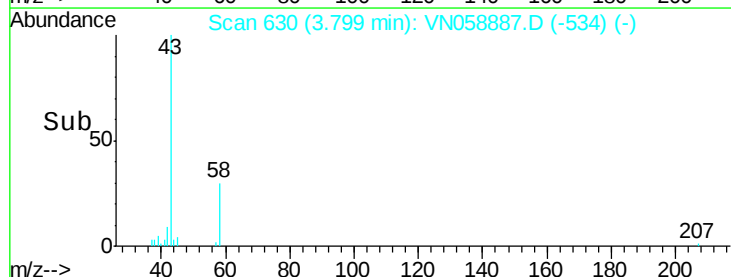
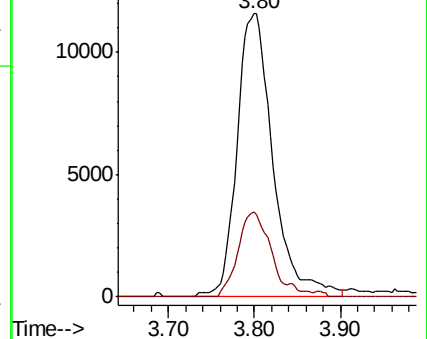
43 100

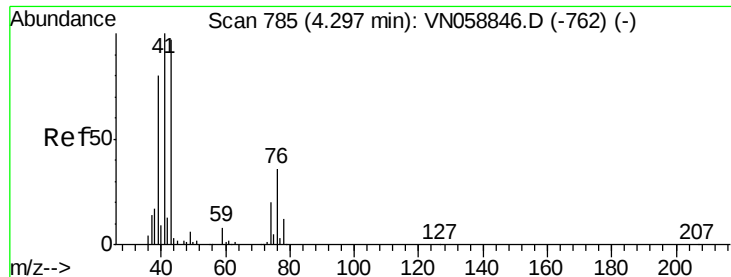
58 30.2 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

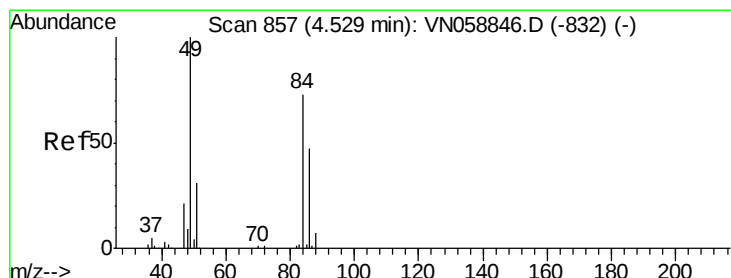
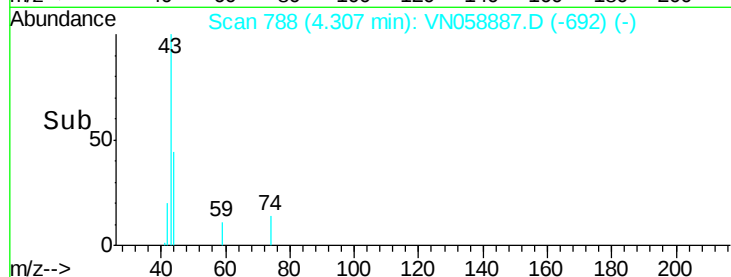
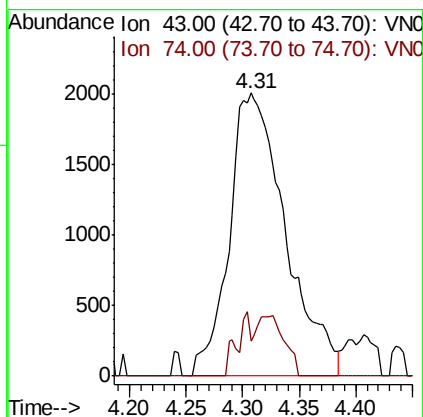
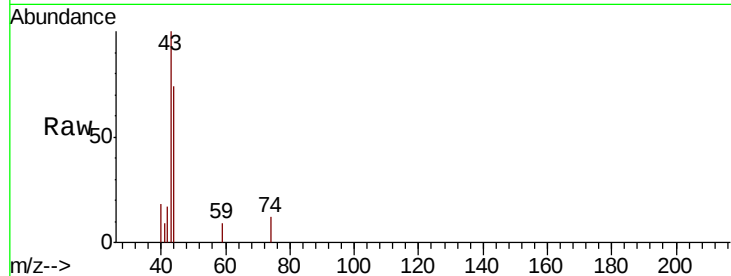




#18
Methyl Acetate
Concen: 1.069 ug/l
RT: 4.31 min Scan# 788
Delta R.T. 0.01 min
Lab File: VN058887.D
Acq: 21 Oct 2019 14:45

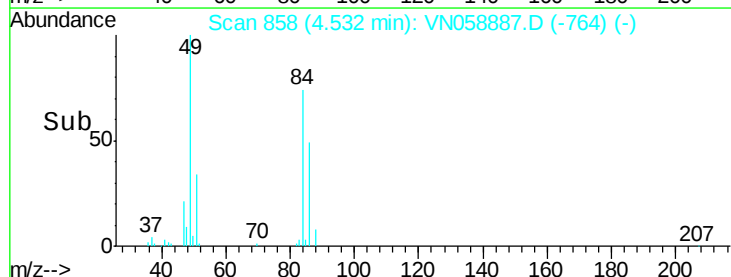
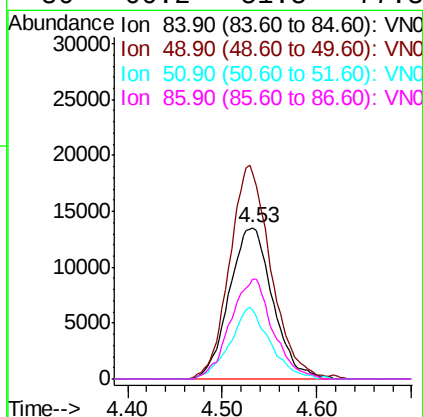
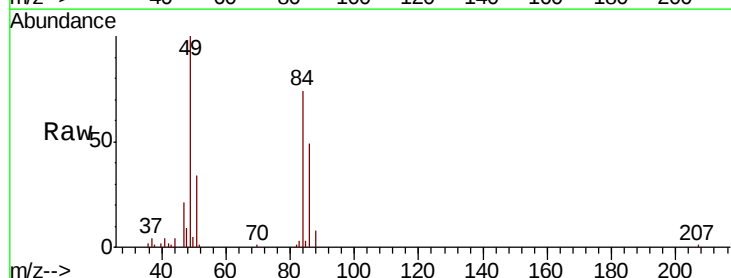
Instrument :
MSVOA_N
ClientSampled :
RT5124

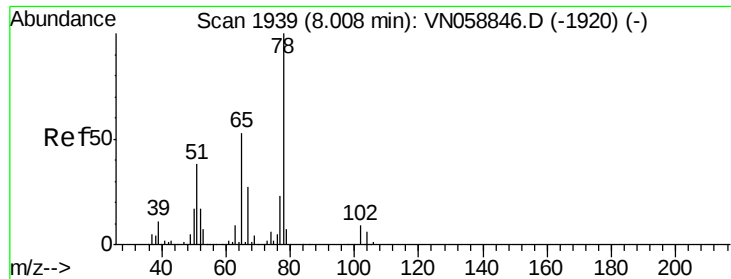
Tot Ion: 43 Resp: 6948
Ion Ratio Lower Upper
43 100
74 3.1 17.1 25.7#



#20
Methylene Chloride
Concen: 8.858 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN058887.D
Acq: 21 Oct 2019 14:45

Tgt Ion: 84 Resp: 43242
Ion Ratio Lower Upper
84 100
49 135.9 109.6 164.4
51 45.9 33.8 50.6
86 66.2 51.5 77.3

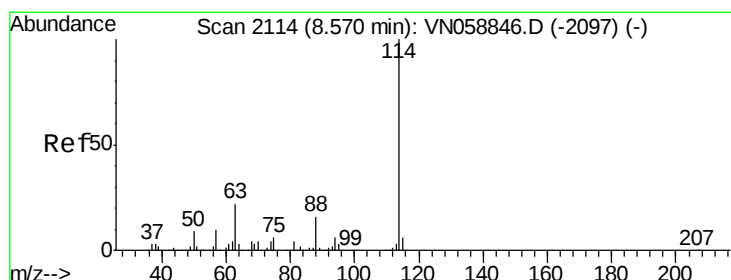
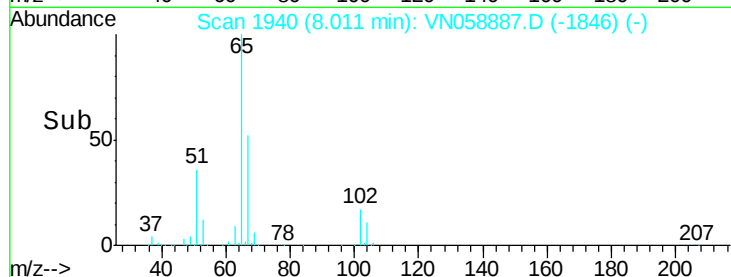
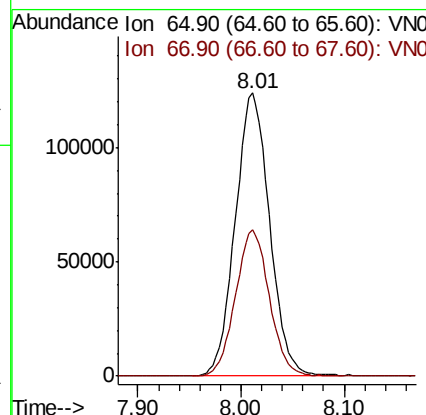
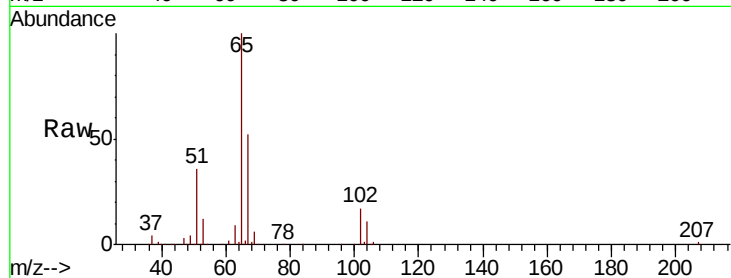




#33
 1,2-Dichloroethane-d4
 Concen: 49.662 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058887.D
 Acq: 21 Oct 2019 14:45

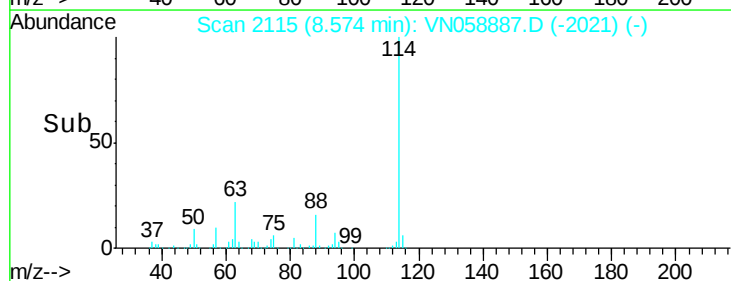
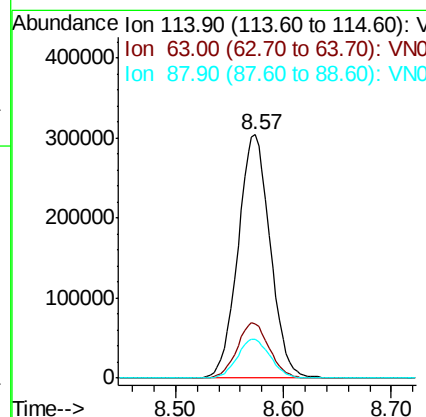
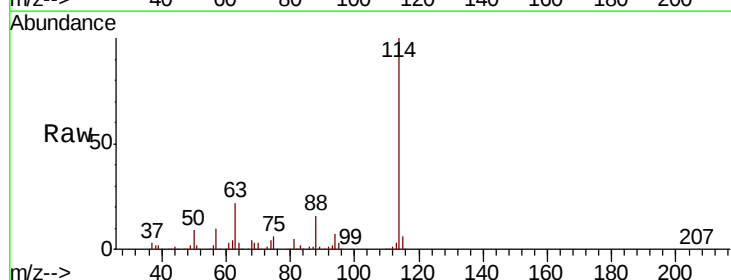
Instrument :
 MSVOA_N
 ClientSampled :
 RT5124

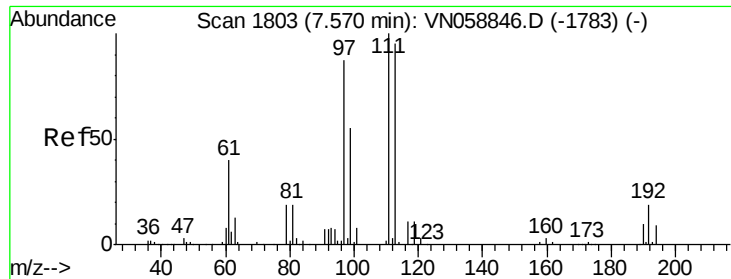
Tot Ion: 65 Resp: 287342
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058887.D
 Acq: 21 Oct 2019 14:45

Tgt Ion: 114 Resp: 631095
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 44.4
 88 16.1 0.0 31.4

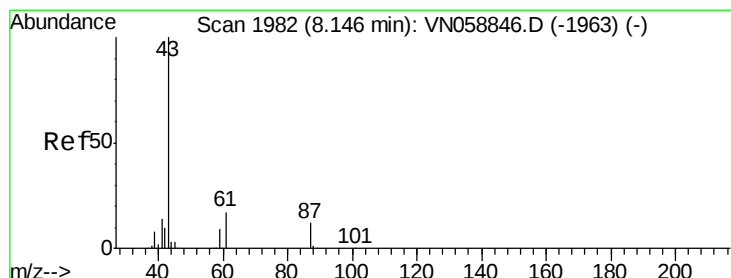
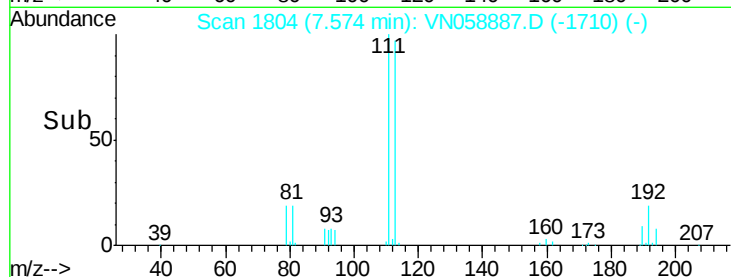
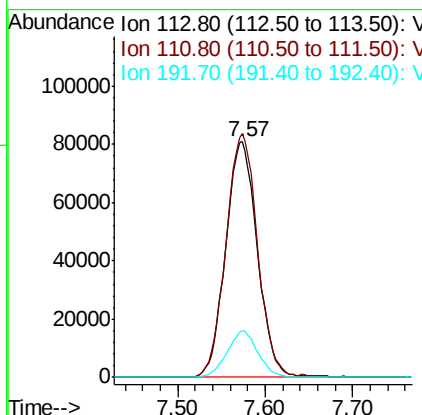
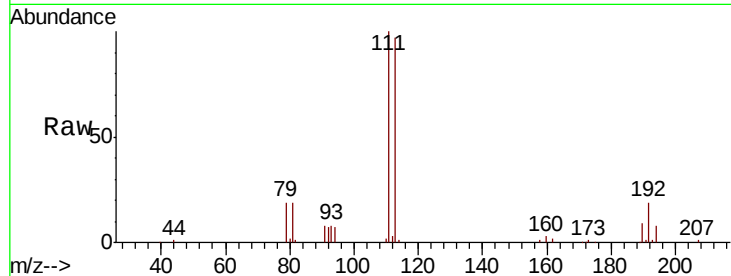




#35
 Dibromofluoromethane
 Concen: 49.179 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058887.D
 Acq: 21 Oct 2019 14:45

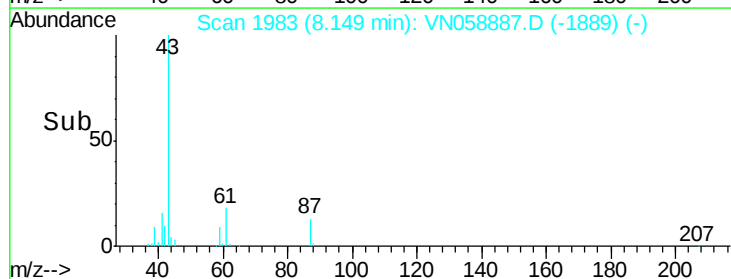
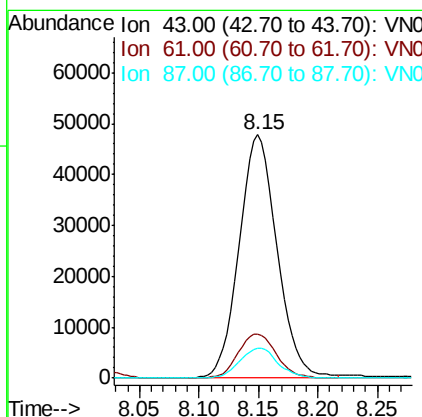
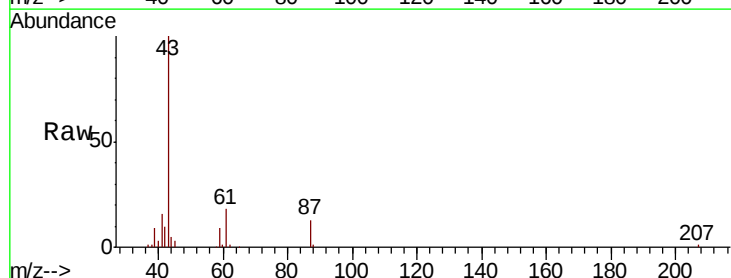
Instrument :
 MSVOA_N
 ClientSampled :
 RT5124

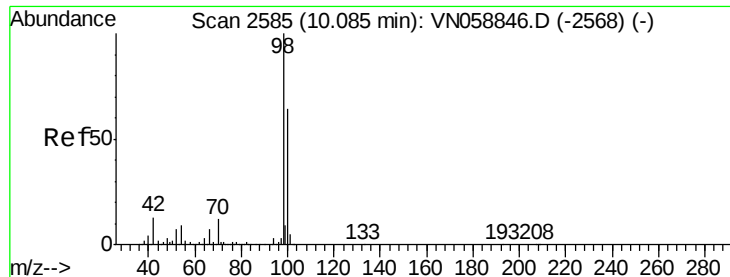
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.0	123.0
192	19.1	15.0	22.6



#43
 Isopropyl Acetate
 Concen: 9.356 ug/l
 RT: 8.15 min Scan# 1983
 Delta R.T. 0.00 min
 Lab File: VN058887.D
 Acq: 21 Oct 2019 14:45

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.2	20.2	30.2#
87	12.4	9.5	14.3





#50

Toluene-d8

Concen: 49.869 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058887.D

Acq: 21 Oct 2019 14:45

Instrument :

MSVOA_N

ClientSampleId :

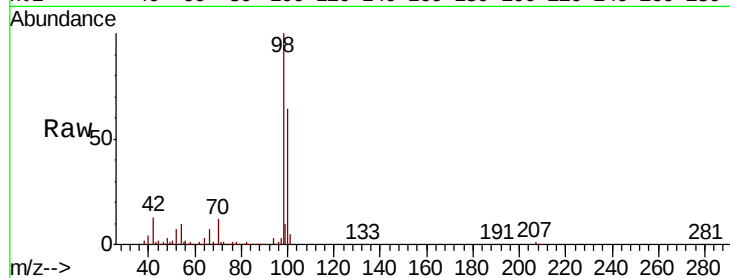
RT5124

Tot Ion: 98 Resp: 803243

Ion Ratio Lower Upper

98 100

100 64.2 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.08

400000

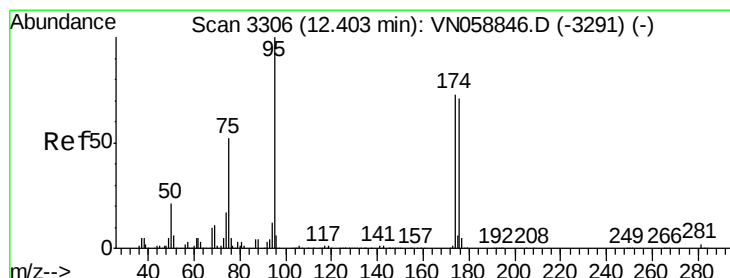
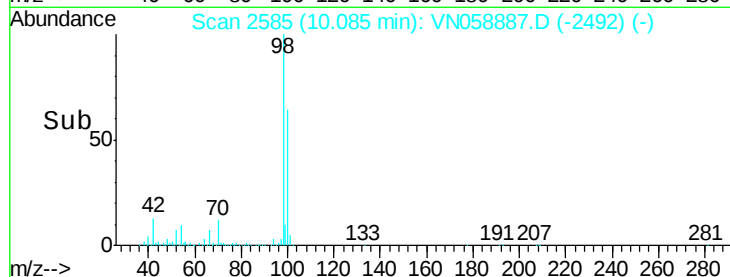
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.044 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058887.D

Acq: 21 Oct 2019 14:45

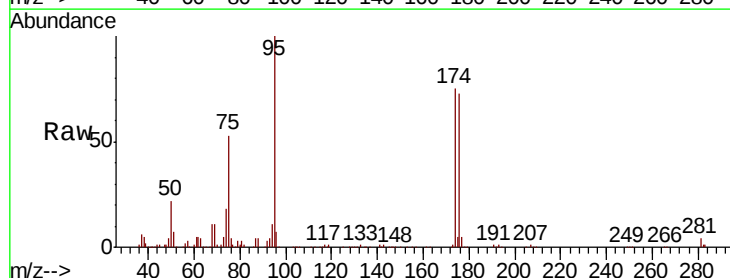
Tgt Ion: 95 Resp: 260513

Ion Ratio Lower Upper

95 100

174 76.2 0.0 147.6

176 73.9 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

200000

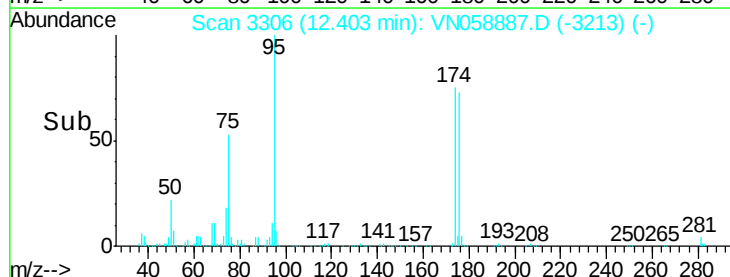
150000

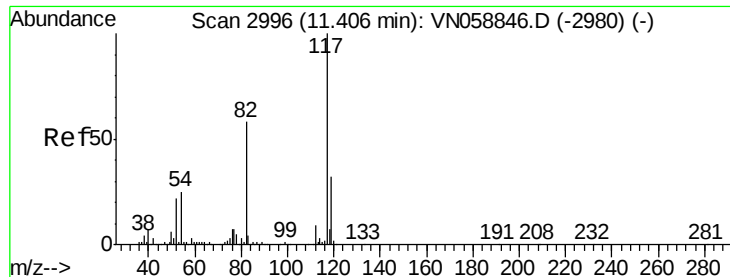
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058887.D

Acq: 21 Oct 2019 14:45

Instrument :

MSVOA_N

ClientSampleId :

RT5124

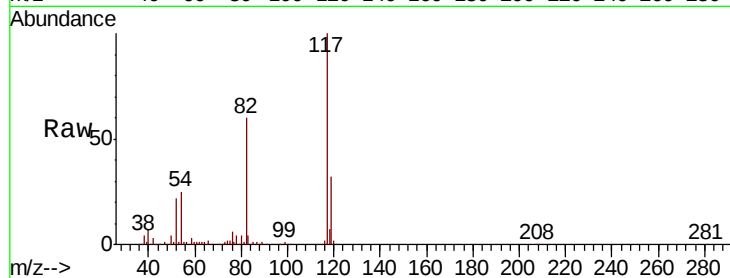
Tot Ion:117 Resp: 580177

Ion Ratio Lower Upper

117 100

82 59.7 46.6 69.8

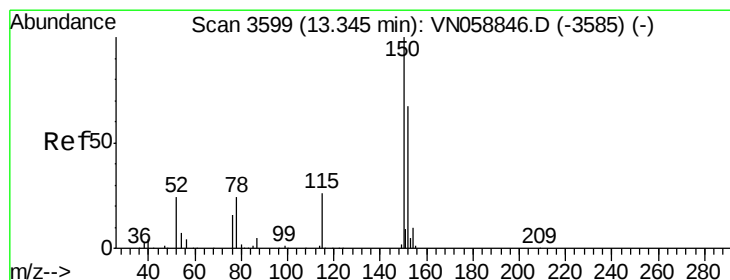
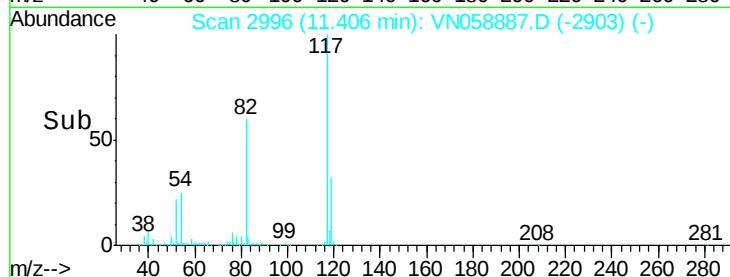
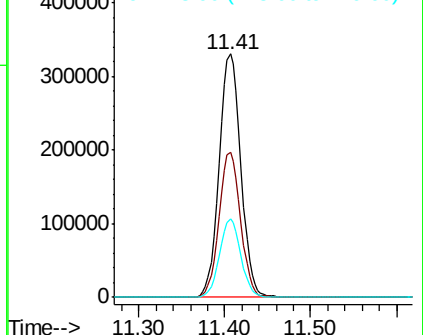
119 32.2 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

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: VN058887.D

Acq: 21 Oct 2019 14:45

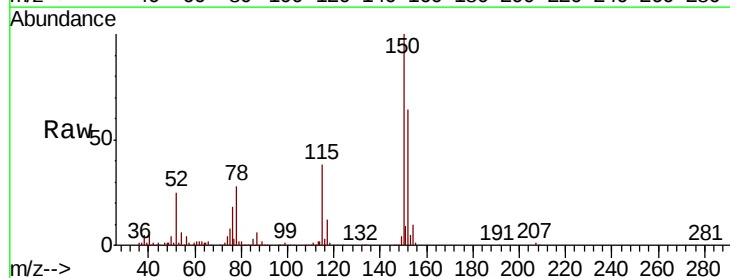
Tgt Ion:152 Resp: 221812

Ion Ratio Lower Upper

152 100

115 60.1 30.5 91.5

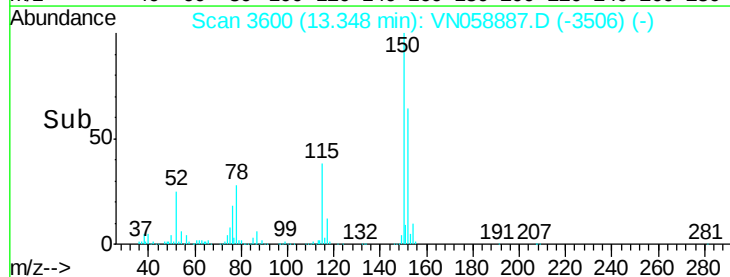
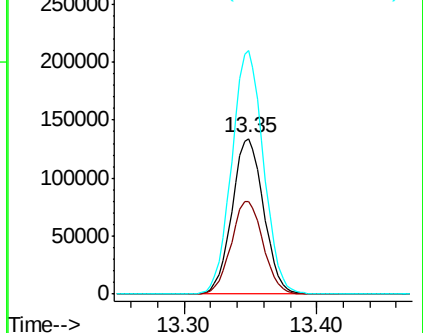
150 157.6 0.0 344.4

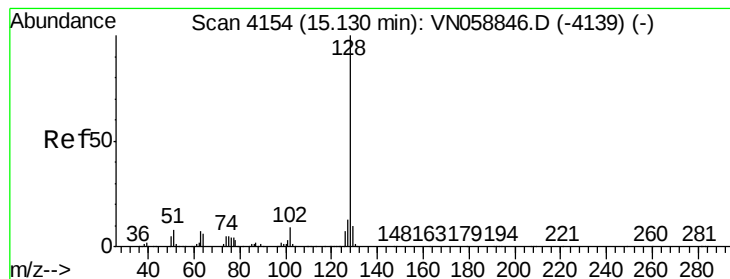


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 7.403 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058887.D

Acq: 21 Oct 2019 14:45

Instrument :

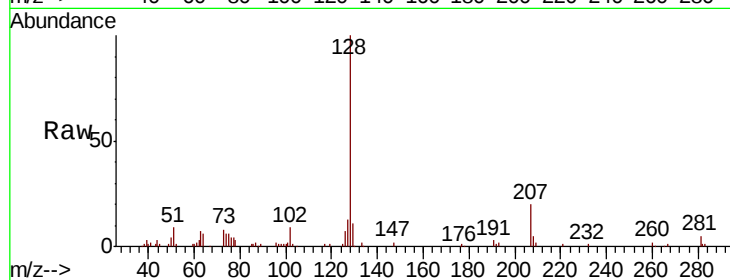
MSVOA_N

ClientSampleId :

RT5124

Tot Ion:128 Resp: 68846

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.2
129	11.3	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

