

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022820\
 Data File : VN060287.D
 Acq On : 28 Feb 2020 16:12
 Operator : JC/MD
 Sample : PB127123ZHE#18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127123ZHE#18

Quant Time: Feb 29 01:38:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

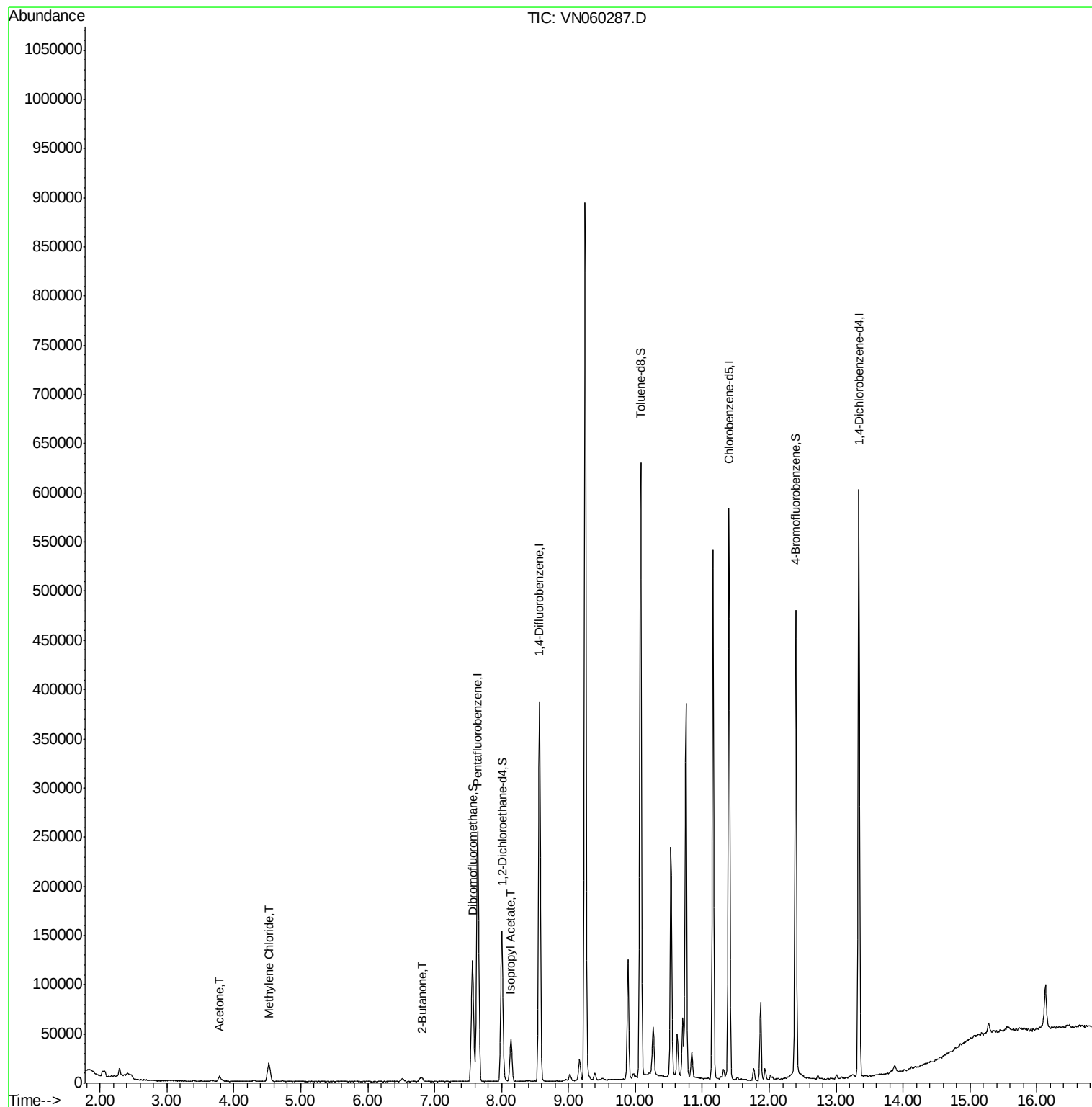
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	209437	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	339282	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	324799	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	156180	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	134271	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
35) Dibromofluoromethane	7.56	113	93790	59.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.12%	
50) Toluene-d8	10.08	98	419538	52.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.28%	
62) 4-Bromofluorobenzene	12.40	95	160110	52.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.98%	
Target Compounds						
16) Acetone	3.78	43	9012	10.385	ug/l	99
20) Methylene Chloride	4.52	84	14286	5.995	ug/l	97
25) 2-Butanone	6.81	43	7187	5.128	ug/l	98
43) Isopropyl Acetate	8.14	43	51882	9.679	ug/l #	90

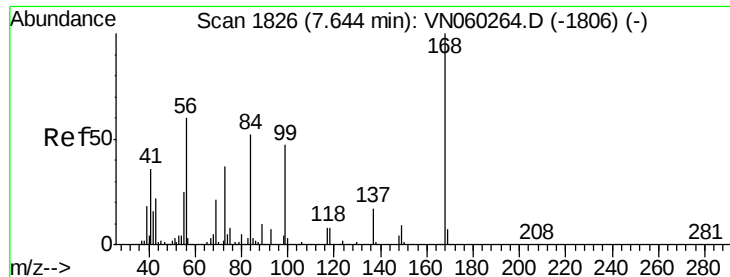
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060287.D

Acq: 28 Feb 2020 16:12

Instrument :

MSVOA_N

ClientSampleId :

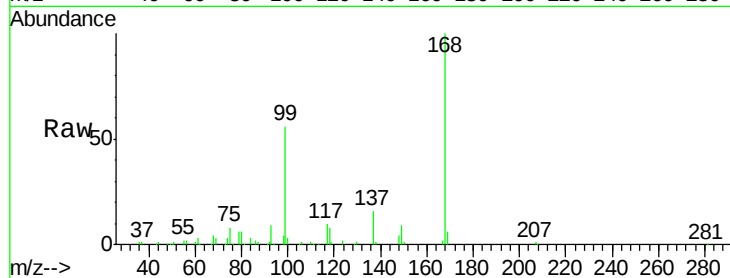
PB127123ZHE#18

Tot Ion:168 Resp: 209437

Ion Ratio Lower Upper

168 100

99 56.1 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.64

80000

60000

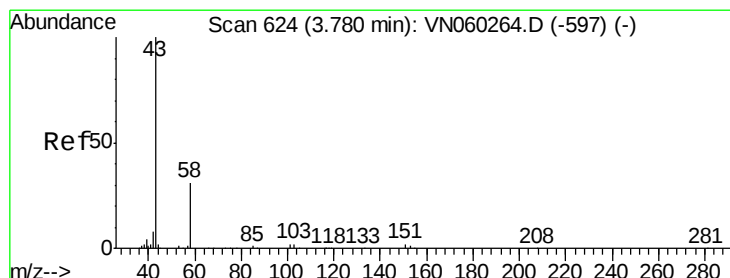
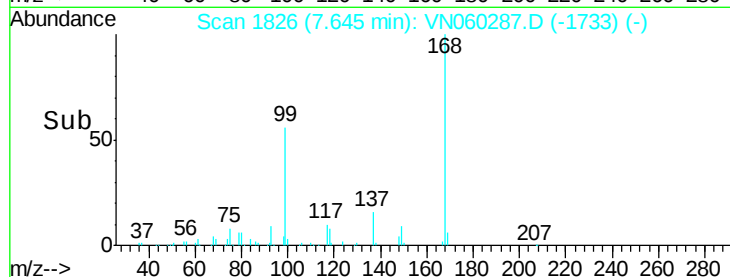
40000

20000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 10.385 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060287.D

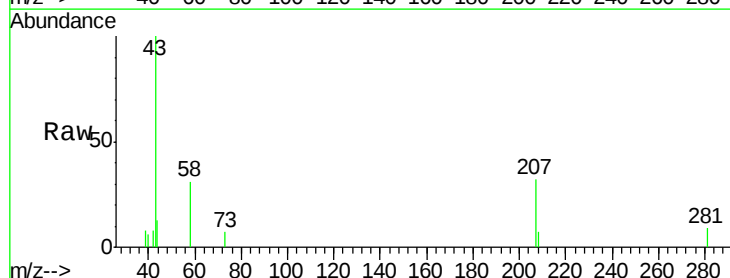
Acq: 28 Feb 2020 16:12

Tgt Ion: 43 Resp: 9012

Ion Ratio Lower Upper

43 100

58 31.1 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

3000

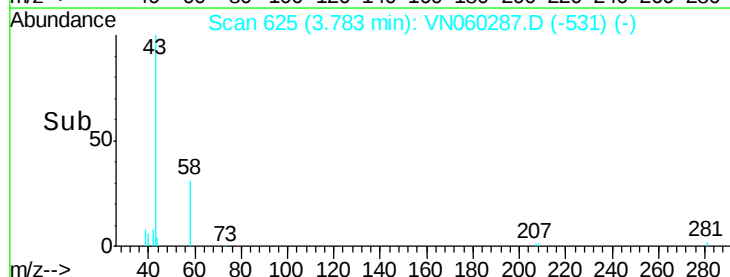
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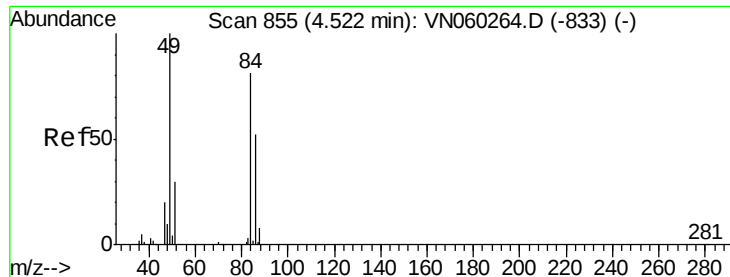
1000

0

3.70 3.75 3.80 3.85

Time-->

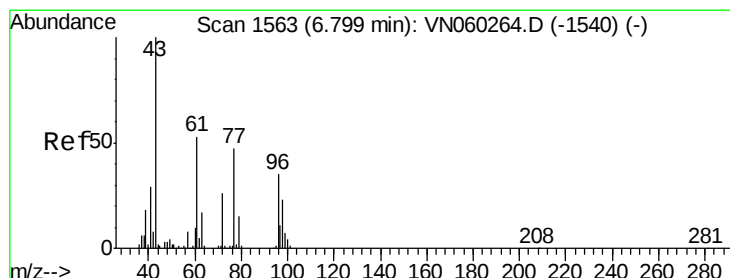
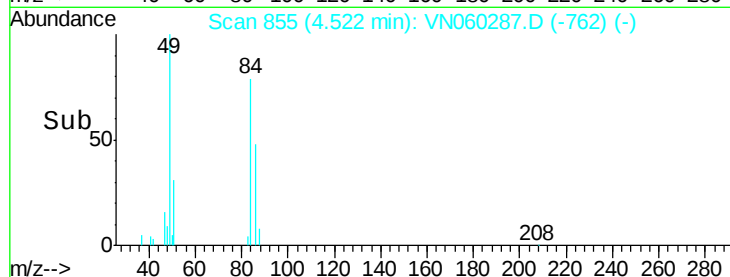
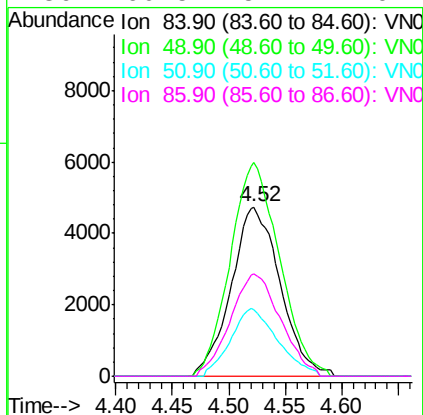
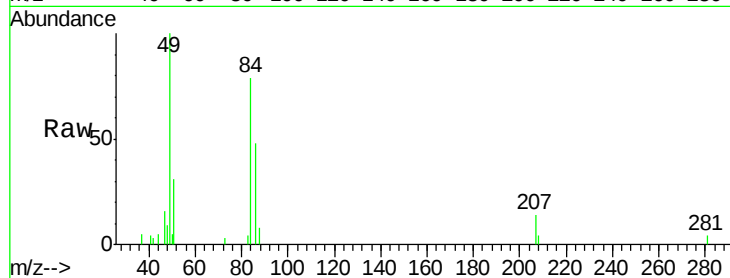




#20
Methylene Chloride
Concen: 5.995 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN060287.D
Acq: 28 Feb 2020 16:12

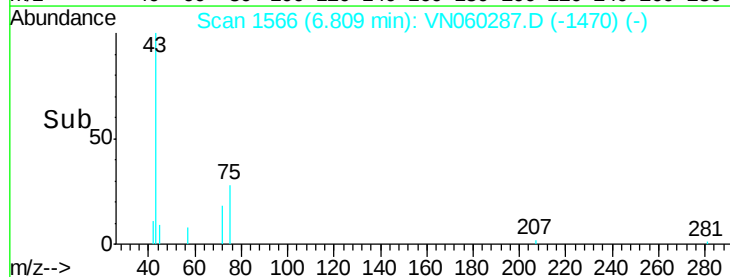
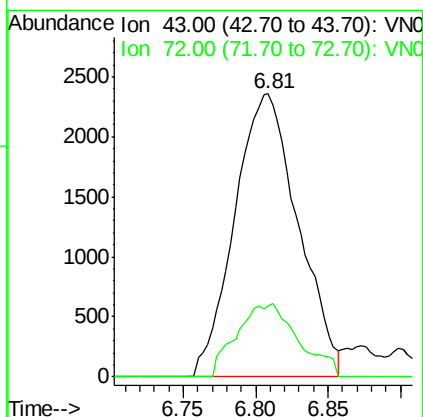
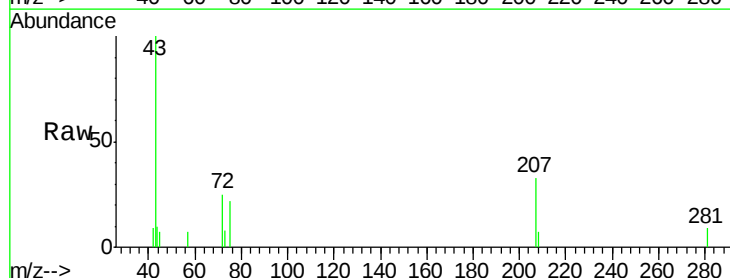
Instrument :
MSVOA_N
ClientSampleId :
PB127123ZHE#18

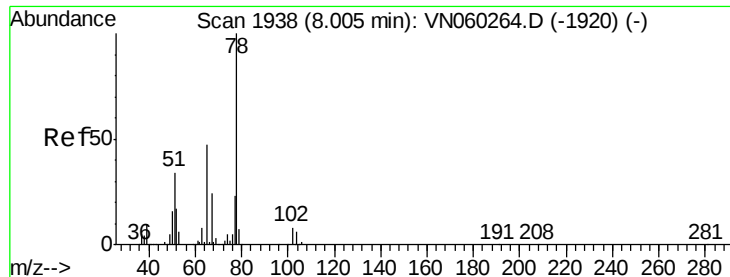
Tot Ion:	84	Resp:	14286
Ion	Ratio	Lower	Upper
84	100		
49	126.3	99.3	148.9
51	39.2	30.1	45.1
86	60.5	51.1	76.7



#25
2-Butanone
Concen: 5.128 ug/l
RT: 6.81 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VN060287.D
Acq: 28 Feb 2020 16:12

Tgt Ion:	43	Resp:	7187
Ion	Ratio	Lower	Upper
43	100		
72	25.0	20.9	31.3

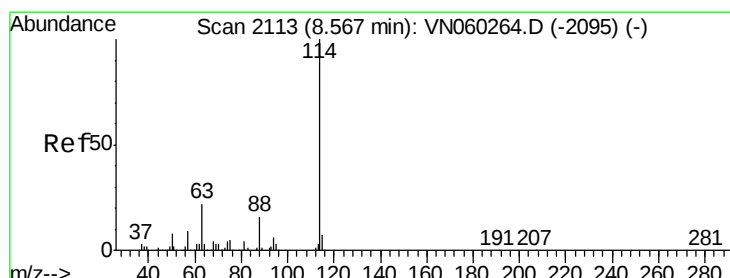
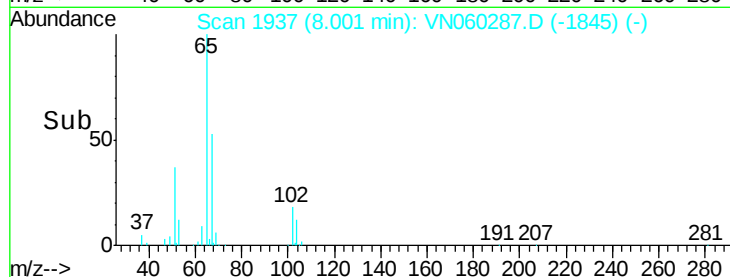
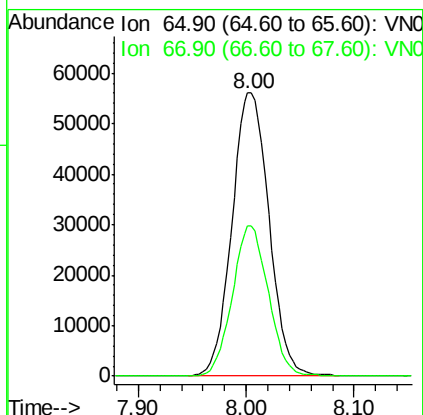
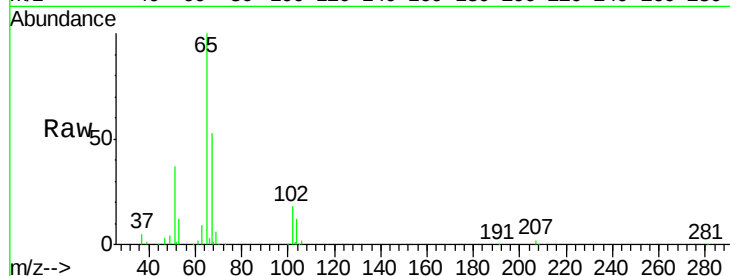




#33
 1,2-Dichloroethane-d4
 Concen: 49.969 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060287.D
 Acq: 28 Feb 2020 16:12

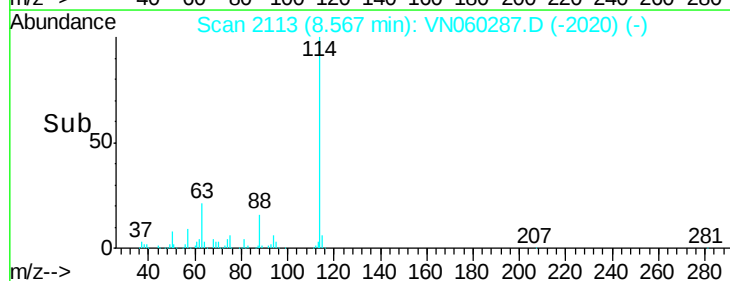
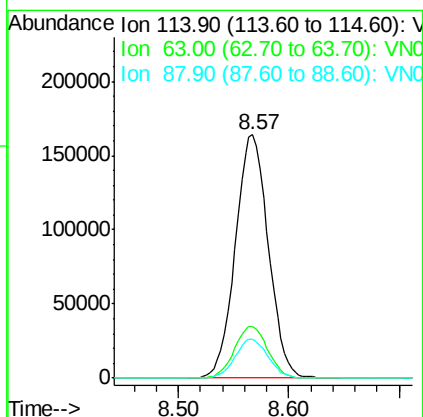
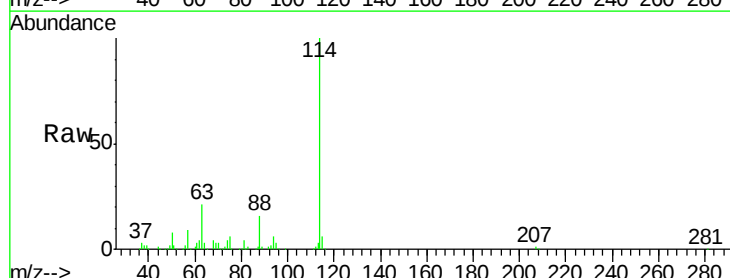
Instrument :
 MSVOA_N
 ClientSampleId :
 PB127123ZHE#18

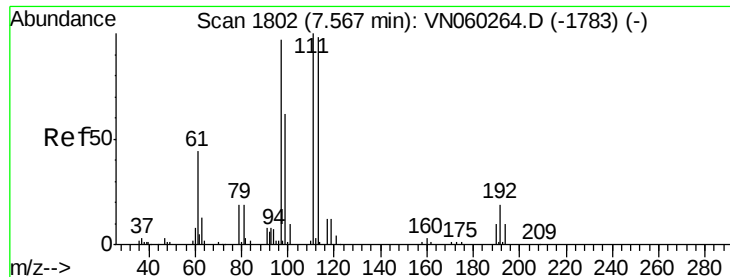
Tot Ion: 65 Resp: 134271
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060287.D
 Acq: 28 Feb 2020 16:12

Tgt Ion: 114 Resp: 339282
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.2
 88 16.0 0.0 31.6

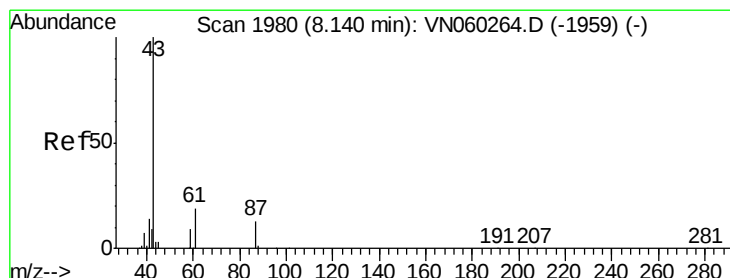
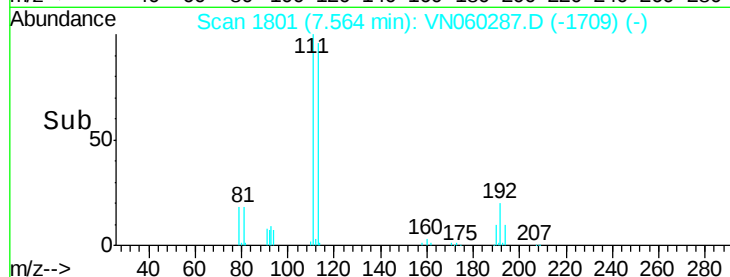
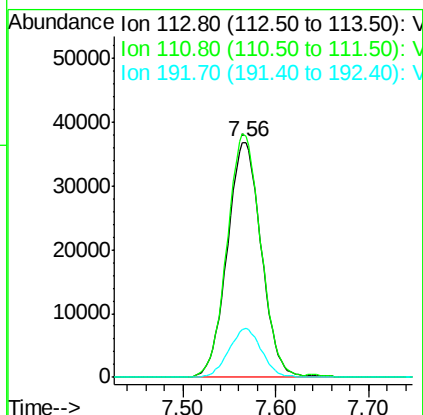
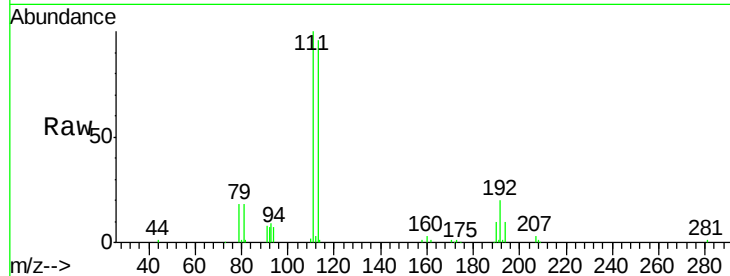




#35
 Dibromofluoromethane
 Concen: 59.555 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060287.D
 Acq: 28 Feb 2020 16:12

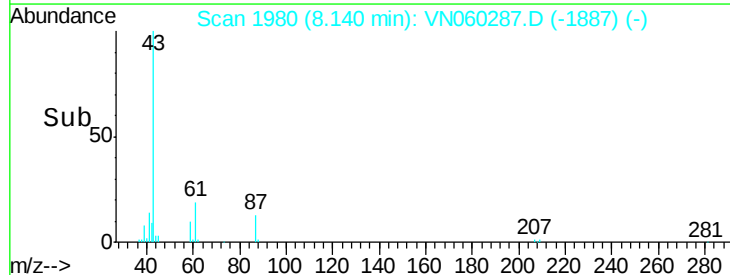
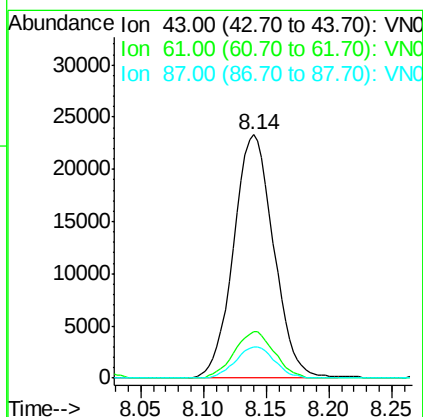
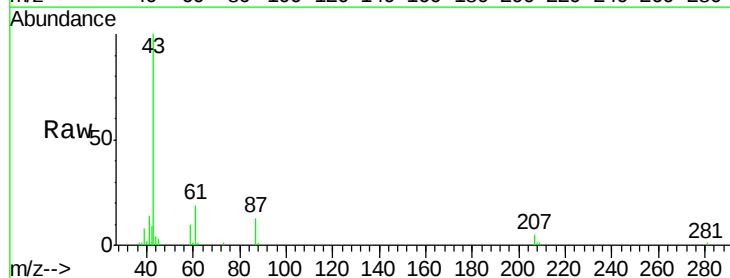
Instrument :
 MSVOA_N
 ClientSampleId :
 PB127123ZHE#18

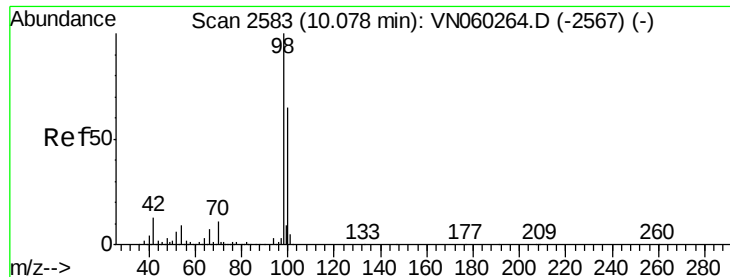
Tot Ion:113 Resp: 93790
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.4 123.6
 192 20.1 16.2 24.2



#43
 Isopropyl Acetate
 Concen: 9.679 ug/l
 RT: 8.14 min Scan# 1980
 Delta R.T. 0.00 min
 Lab File: VN060287.D
 Acq: 28 Feb 2020 16:12

Tgt Ion: 43 Resp: 51882
 Ion Ratio Lower Upper
 43 100
 61 19.0 20.9 31.3#
 87 12.6 10.6 16.0





#50

Toluene-d8

Concen: 52.637 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060287.D

Acq: 28 Feb 2020 16:12

Instrument :

MSVOA_N

ClientSampleId :

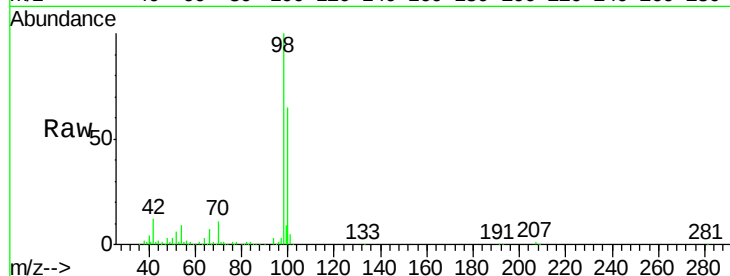
PB127123ZHE#18

Tot Ion: 98 Resp: 419538

Ion Ratio Lower Upper

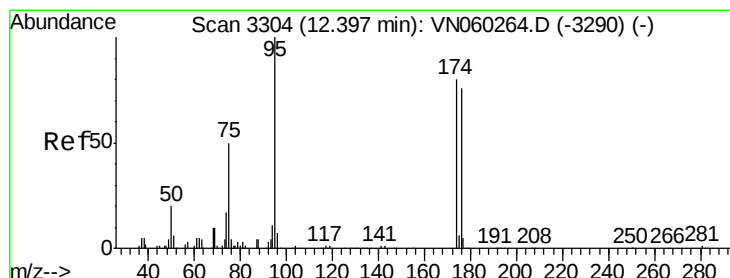
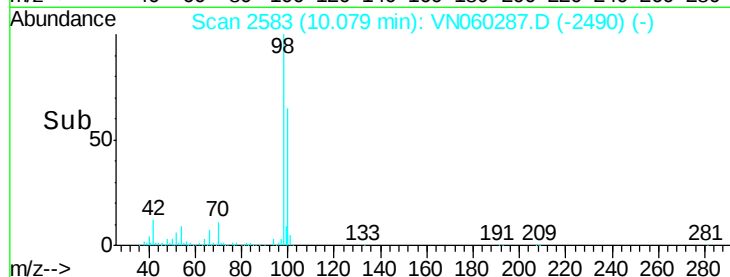
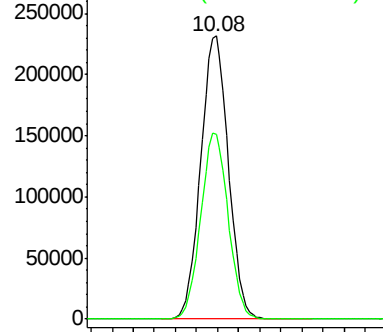
98 100

100 65.3 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 52.992 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060287.D

Acq: 28 Feb 2020 16:12

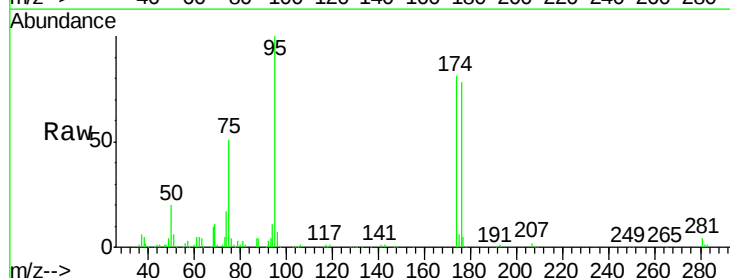
Tgt Ion: 95 Resp: 160110

Ion Ratio Lower Upper

95 100

174 81.1 0.0 159.2

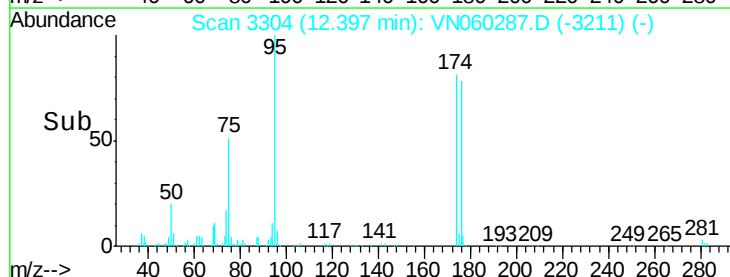
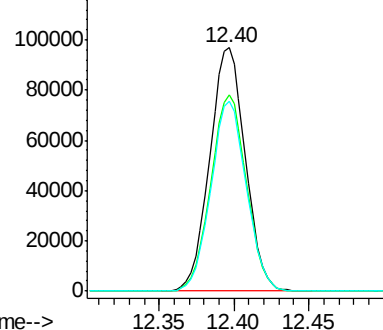
176 77.9 0.0 153.8

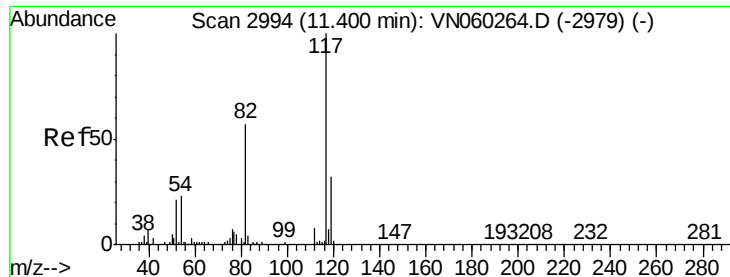


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

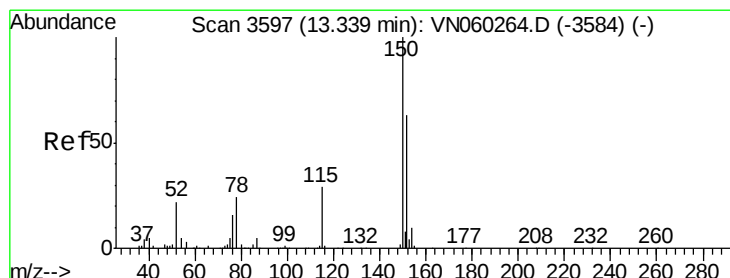
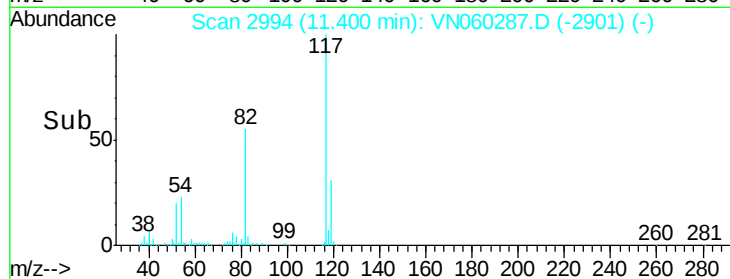
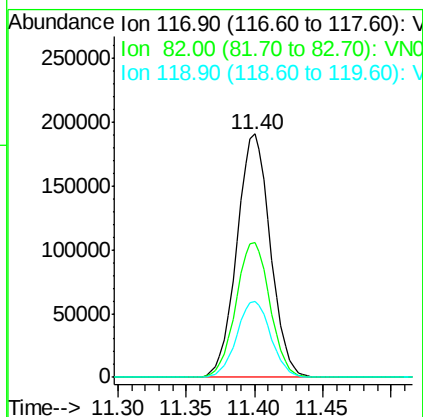
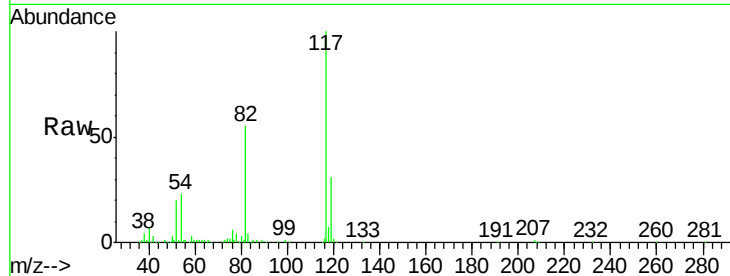




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060287.D
Acq: 28 Feb 2020 16:12

Instrument :
MSVOA_N
ClientSampleId :
PB127123ZHE#18

Tot Ion:117 Resp: 324799
Ion Ratio Lower Upper
117 100
82 55.3 45.8 68.6
119 31.4 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060287.D
Acq: 28 Feb 2020 16:12

Tgt Ion:152 Resp: 156180
Ion Ratio Lower Upper
152 100
115 60.1 30.0 90.0
150 157.3 0.0 349.6

