

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031620\
 Data File : VN060538.D
 Acq On : 16 Mar 2020 20:53
 Operator : JC/MD
 Sample : PB127541ZHE#11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127541ZHE#11

Quant Time: Mar 17 09:16:12 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

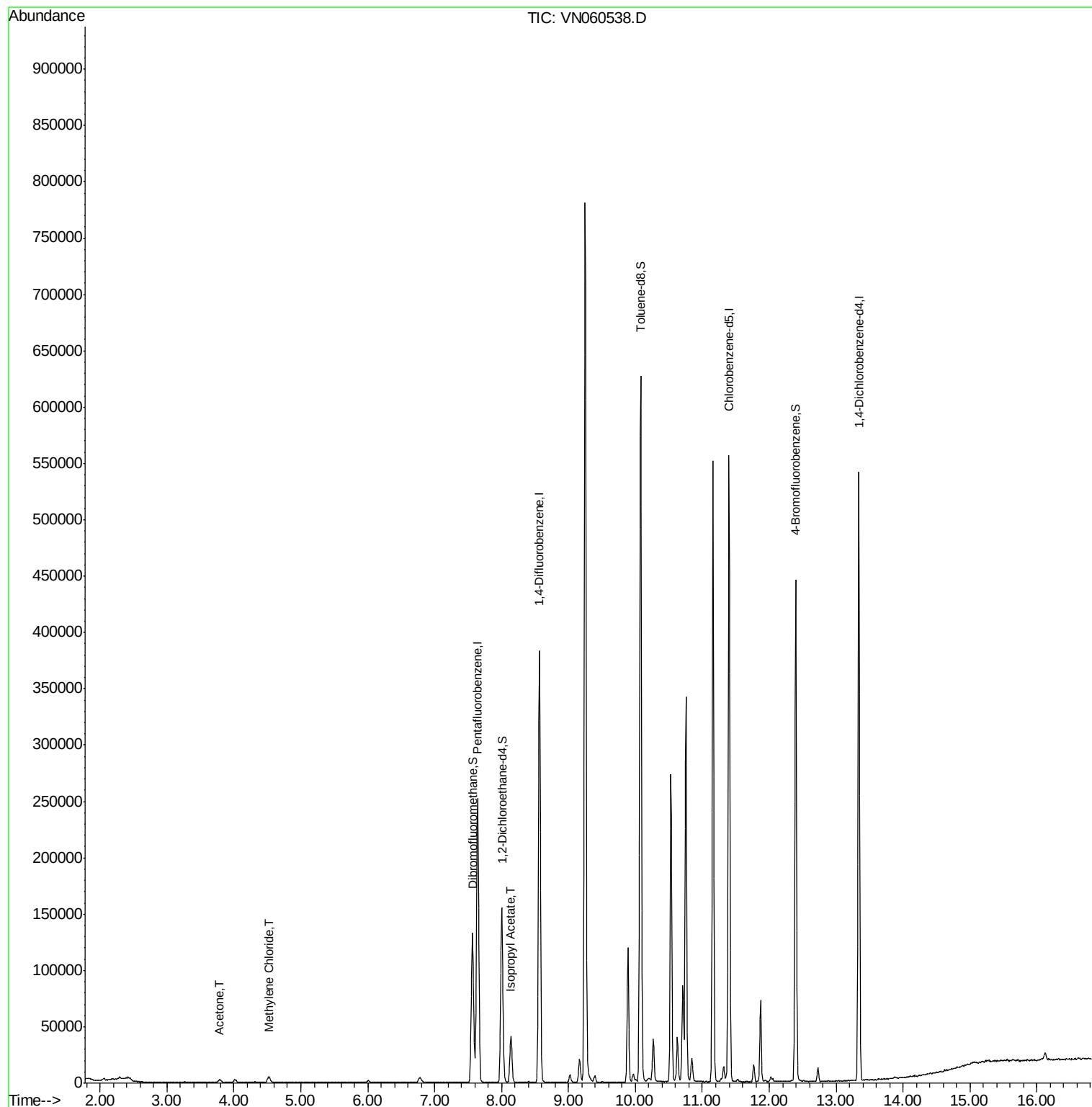
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	206307	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	339785	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	315785	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	141123	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	134378	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.54%	
35) Dibromofluoromethane	7.56	113	100968	64.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.04%	
50) Toluene-d8	10.08	98	421766	52.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.68%	
62) 4-Bromofluorobenzene	12.40	95	153427	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.40%	
Target Compounds						
16) Acetone	3.79	43	4973	5.818	ug/l	93
20) Methylene Chloride	4.53	84	4153	1.769	ug/l	91
43) Isopropyl Acetate	8.14	43	50327	9.375	ug/l #	89

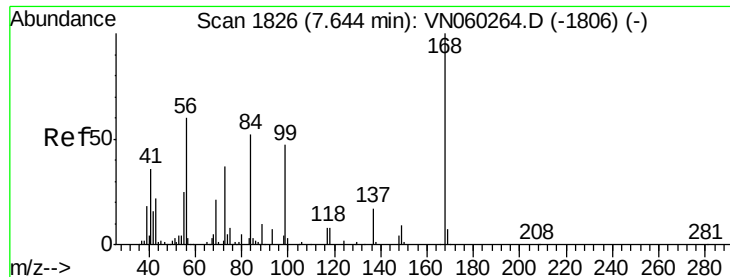
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060538.D

Acq: 16 Mar 2020 20:53

Instrument :

MSVOA_N

ClientSampleId :

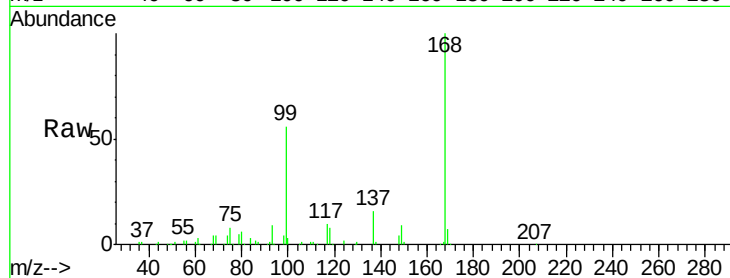
PB127541ZHE#11

Tot Ion:168 Resp: 206307

Ion Ratio Lower Upper

168 100

99 55.6 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

60000

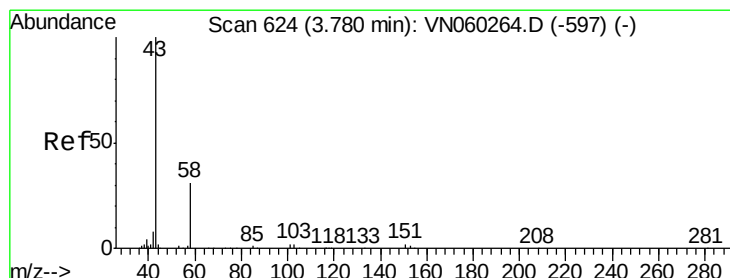
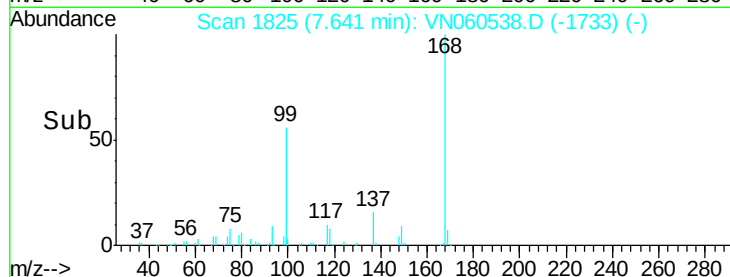
40000

20000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 5.818 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060538.D

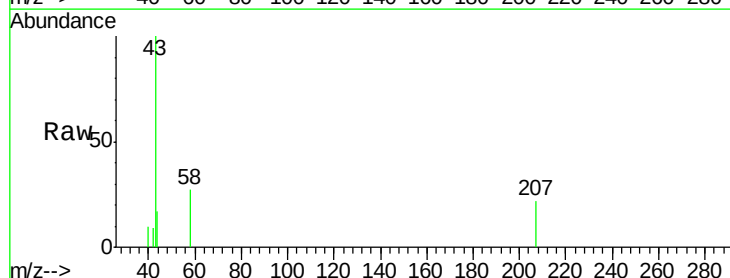
Acq: 16 Mar 2020 20:53

Tgt Ion: 43 Resp: 4973

Ion Ratio Lower Upper

43 100

58 27.1 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.79

2000

1500

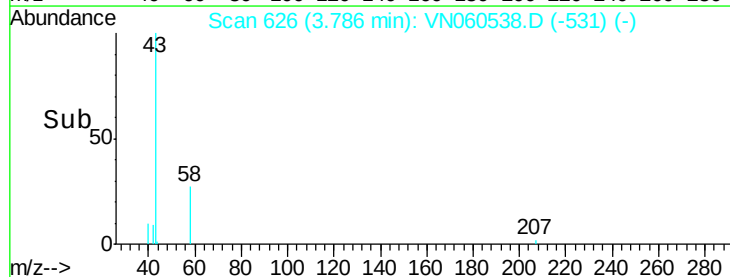
1000

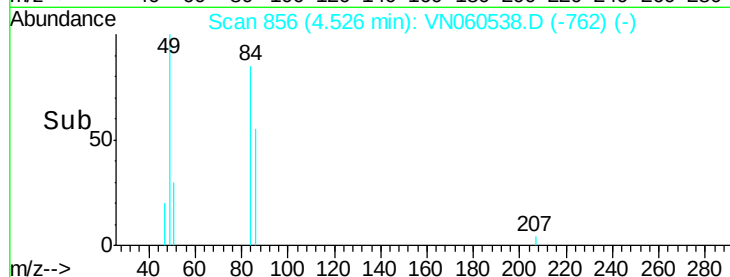
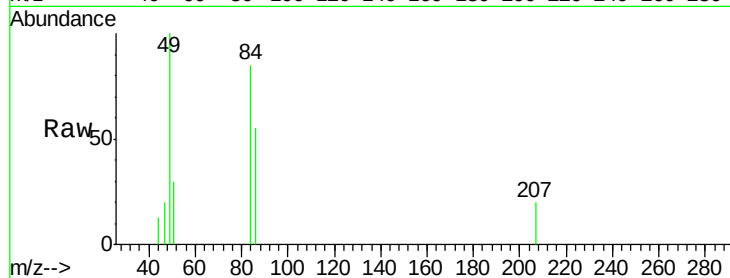
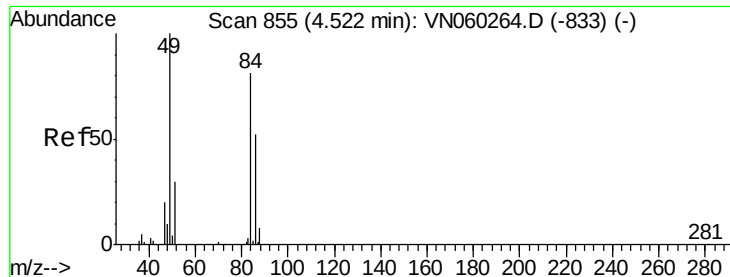
500

0

3.70 3.75 3.80 3.85

Time-->

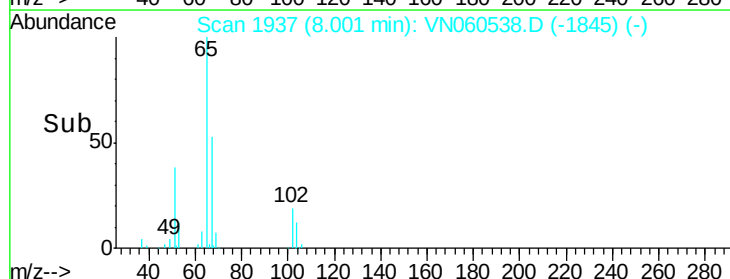
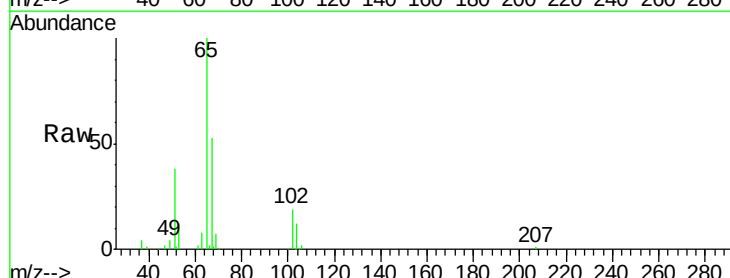
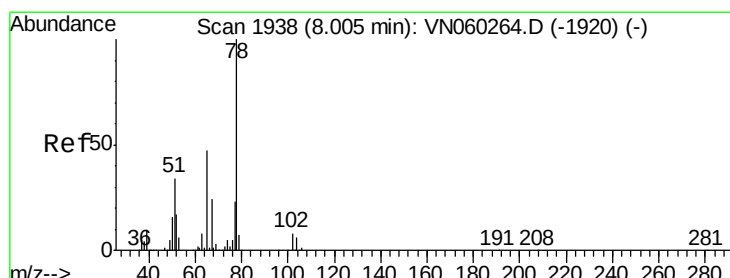
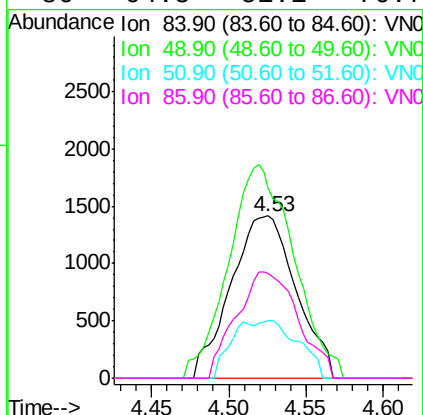




#20
Methylene Chloride
Concen: 1.769 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060538.D
Acq: 16 Mar 2020 20:53

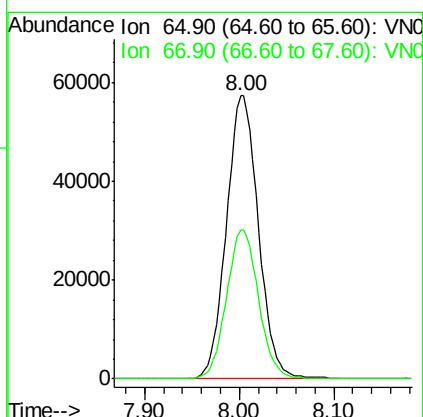
Instrument :
MSVOA_N
ClientSampleId :
PB127541ZHE#11

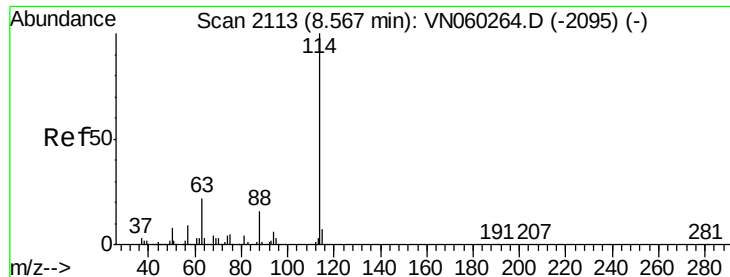
Tot Ion:	84	Resp:	4153
Ion	Ratio	Lower	Upper
84	100		
49	107.1	99.3	148.9
51	35.2	30.1	45.1
86	64.5	51.1	76.7



#33
1,2-Dichloroethane-d4
Concen: 50.767 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN060538.D
Acq: 16 Mar 2020 20:53

Tgt Ion:	65	Resp:	134378
Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	103.8

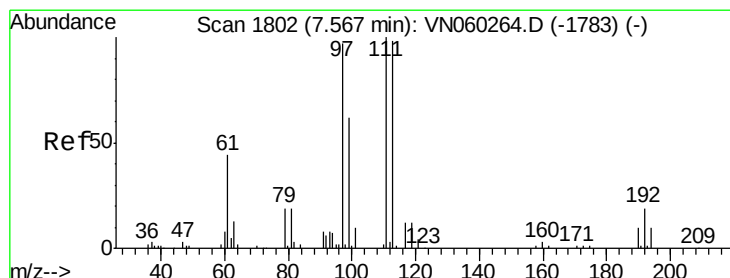
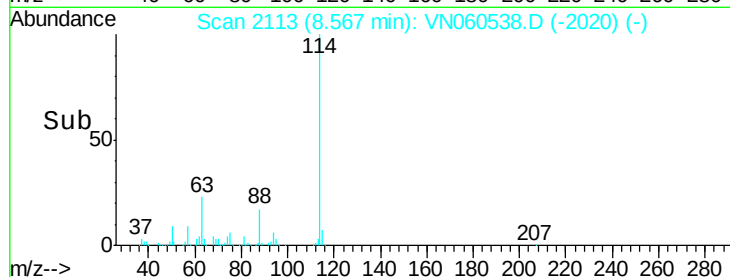
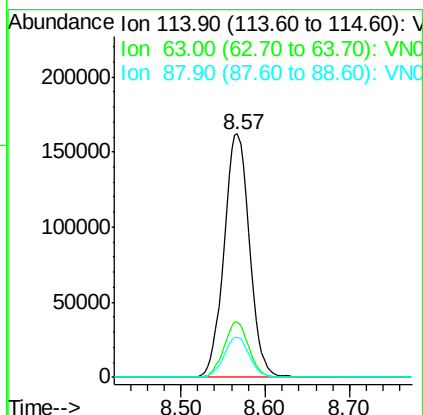
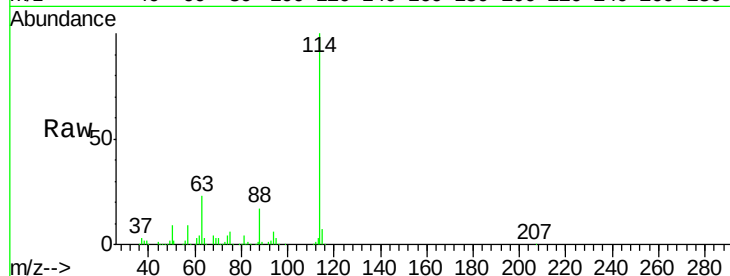




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060538.D
 Acq: 16 Mar 2020 20:53

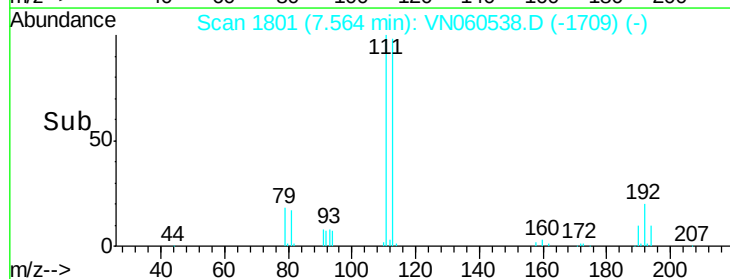
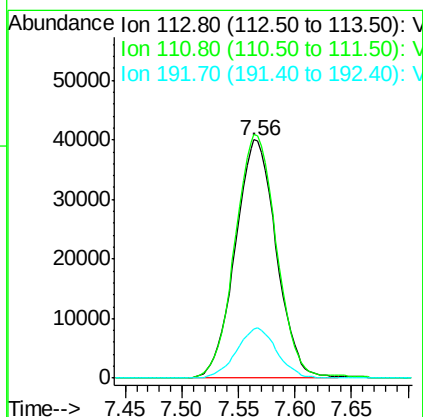
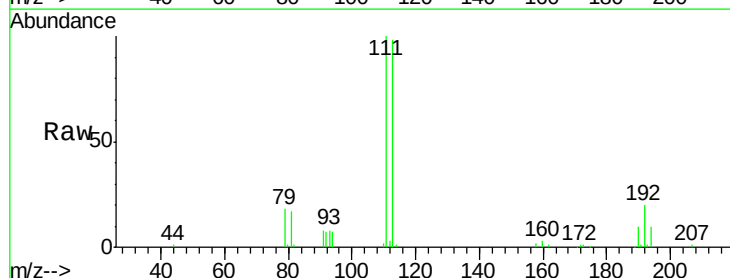
Instrument :
 MSVOA_N
 ClientSampleId :
 PB127541ZHE#11

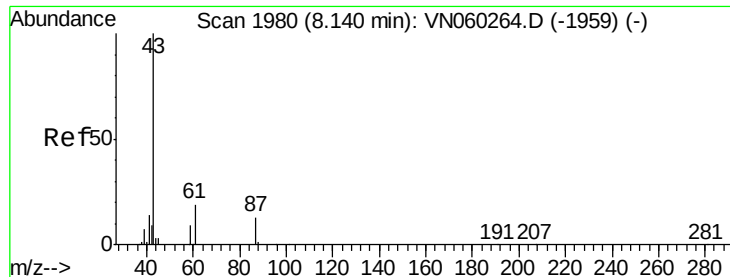
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	43.2
88	16.6	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 64.018 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060538.D
 Acq: 16 Mar 2020 20:53

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.4	123.6
192	20.5	16.2	24.2





#43

Isopropyl Acetate

Concen: 9.375 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060538.D

Acq: 16 Mar 2020 20:53

Instrument :

MSVOA_N

ClientSampleId :

PB127541ZHE#11

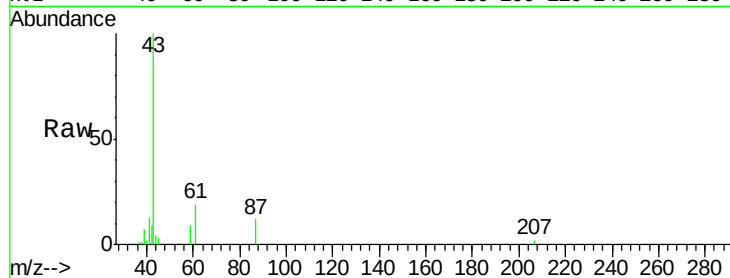
Tot Ion: 43 Resp: 50327

Ion Ratio Lower Upper

43 100

61 18.5 20.9 31.3#

87 12.1 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VN060264.D (-1959) (-)

Ion 61.00 (60.70 to 61.70): VN060264.D (-1959) (-)

Ion 87.00 (86.70 to 87.70): VN060264.D (-1959) (-)

Time-->

8.05 8.10 8.15 8.20 8.25

8.14

25000

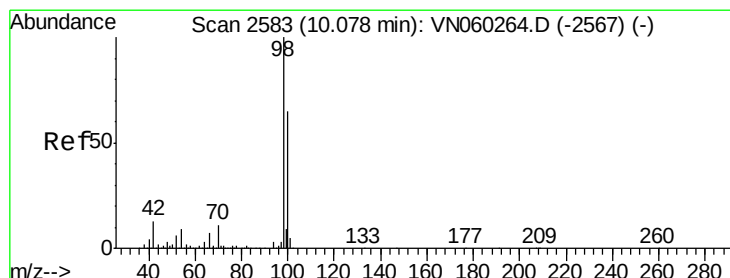
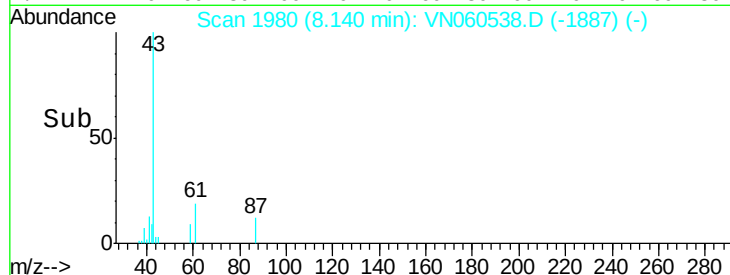
20000

15000

10000

5000

0



#50

Toluene-d8

Concen: 52.838 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060538.D

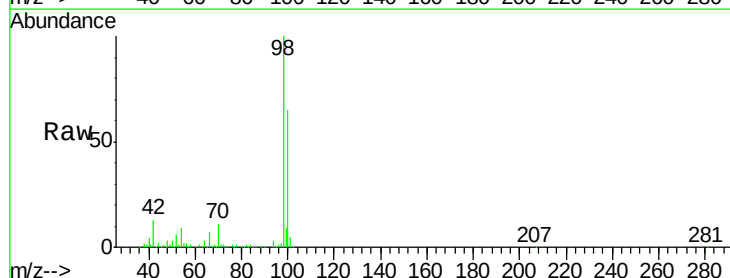
Acq: 16 Mar 2020 20:53

Tgt Ion: 98 Resp: 421766

Ion Ratio Lower Upper

98 100

100 65.3 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN060264.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN060264.D (-2567) (-)

Time-->

10.00 10.05 10.10 10.15 10.20 10.25

10.08

250000

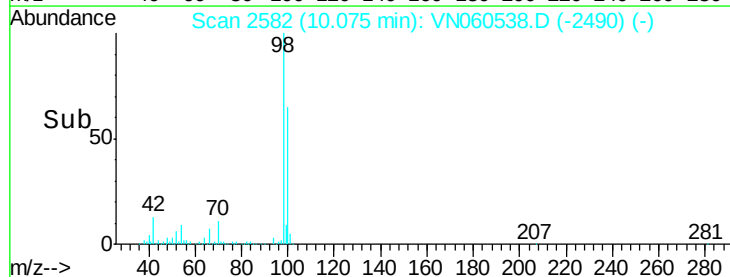
200000

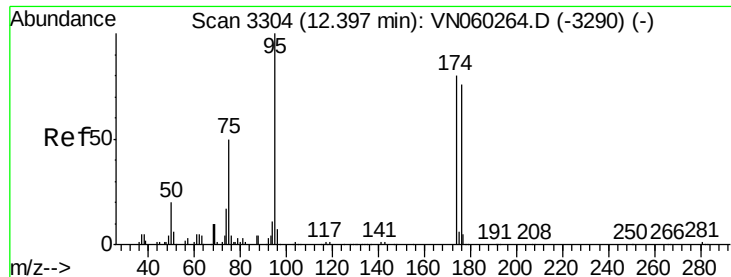
150000

100000

50000

0

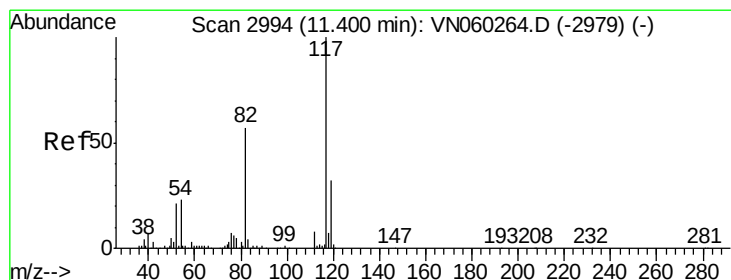
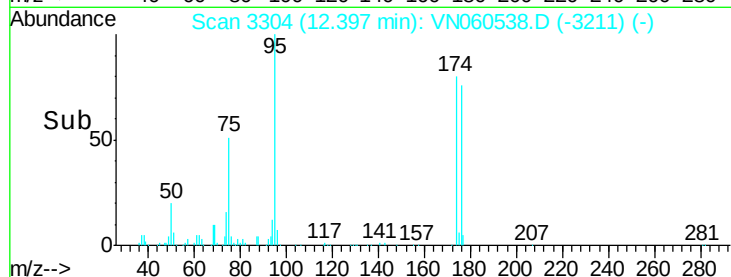
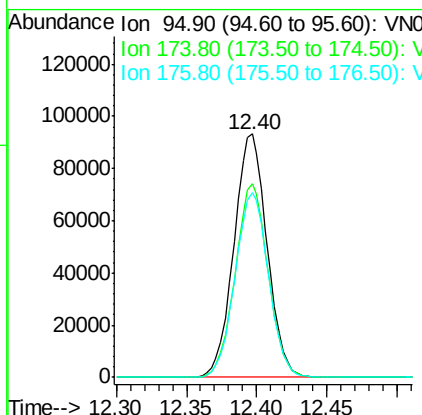
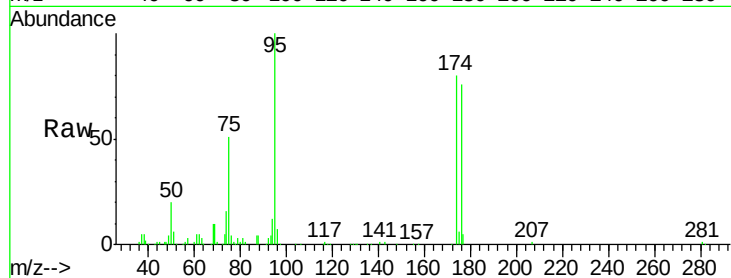




#62
4-Bromofluorobenzene
Concen: 50.705 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN060538.D
Acq: 16 Mar 2020 20:53

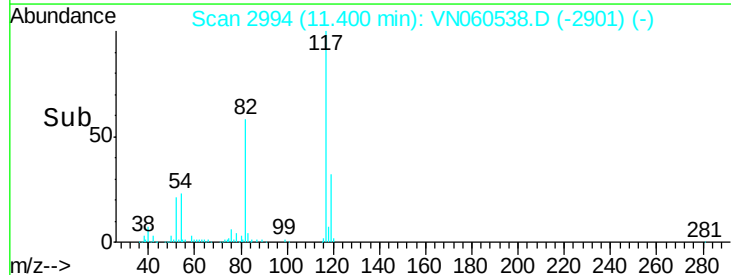
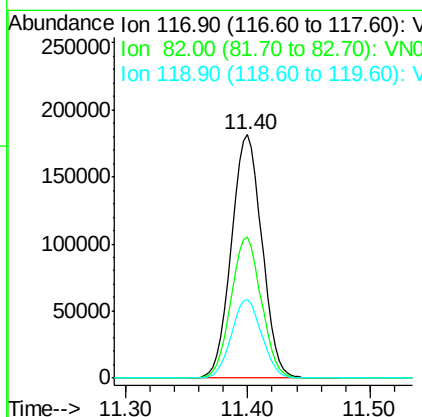
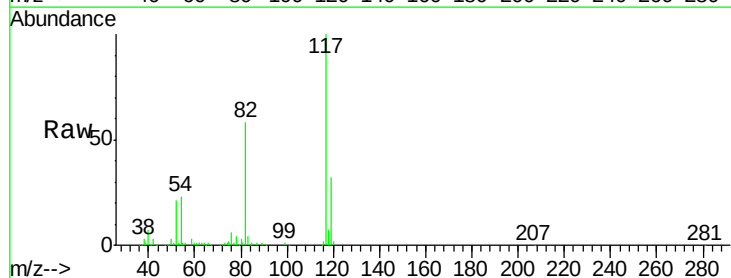
Instrument :
MSVOA_N
ClientSampleId :
PB127541ZHE#11

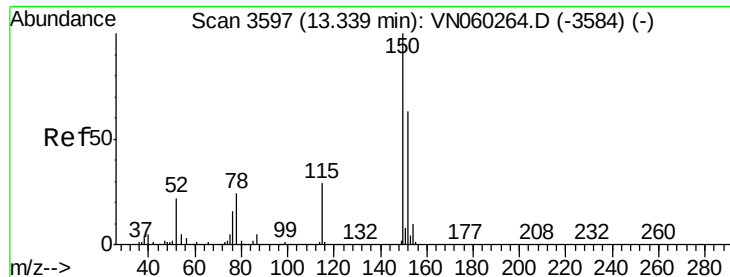
Tot Ion	95	Resp	153427
Ion Ratio	Lower	Upper	
95	100		
174	79.0	0.0	159.2
176	76.5	0.0	153.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060538.D
Acq: 16 Mar 2020 20:53

Tgt Ion	117	Resp	315785
Ion Ratio	Lower	Upper	
117	100		
82	57.8	45.8	68.6
119	32.3	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: VN060538.D

Acq: 16 Mar 2020 20:53

Instrument :

MSVOA_N

ClientSampleId :

PB127541ZHE#11

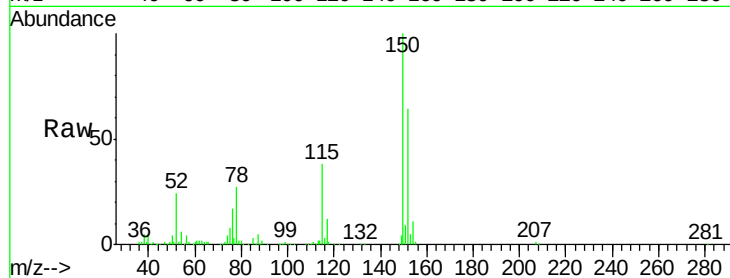
Tot Ion:152 Resp: 141123

Ion Ratio Lower Upper

152 100

115 60.2 30.0 90.0

150 156.0 0.0 349.6



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

