

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031020\
 Data File : VN060419.D
 Acq On : 10 Mar 2020 16:09
 Operator : JC/MD
 Sample : PB127392ZHE#14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127392ZHE#14

Quant Time: Mar 11 07:24:58 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

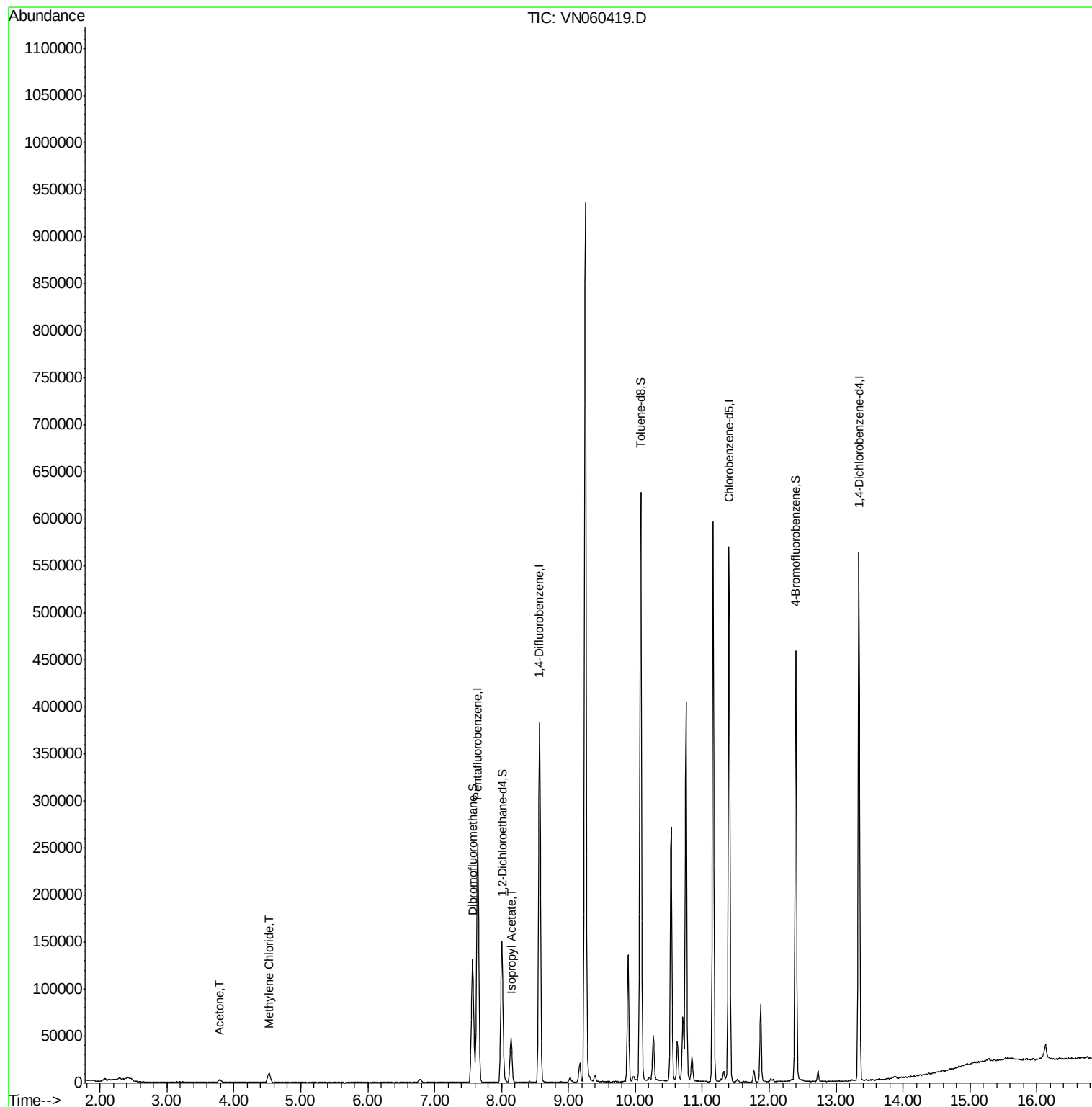
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	207436	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	338082	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	321527	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	147266	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	131800	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
35) Dibromofluoromethane	7.57	113	99520	63.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.84%	
50) Toluene-d8	10.08	98	417842	52.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.22%	
62) 4-Bromofluorobenzene	12.40	95	154920	51.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.92%	
Target Compounds						
16) Acetone	3.79	43	6401	7.448	ug/l	100
20) Methylene Chloride	4.53	84	7842	3.322	ug/l	95
43) Isopropyl Acetate	8.14	43	56808	10.636	ug/l #	90

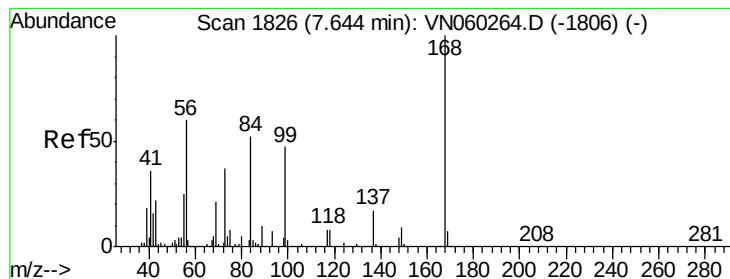
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060419.D

Acq: 10 Mar 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

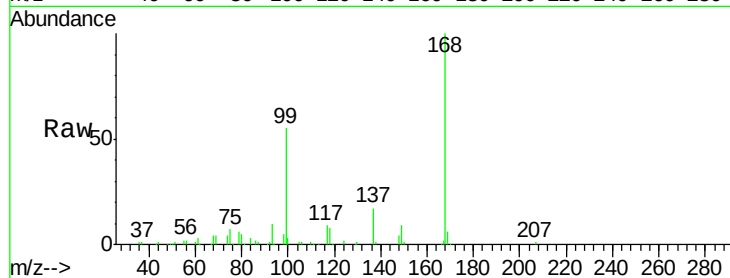
PB127392ZHE#14

Tot Ion:168 Resp: 207436

Ion Ratio Lower Upper

168 100

99 55.4 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

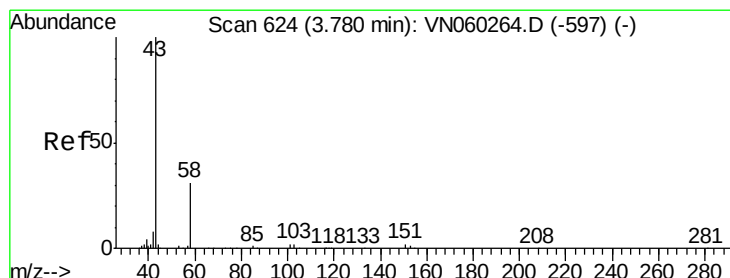
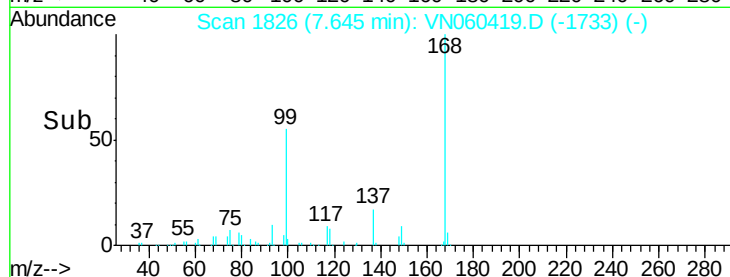
40000

20000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 7.448 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060419.D

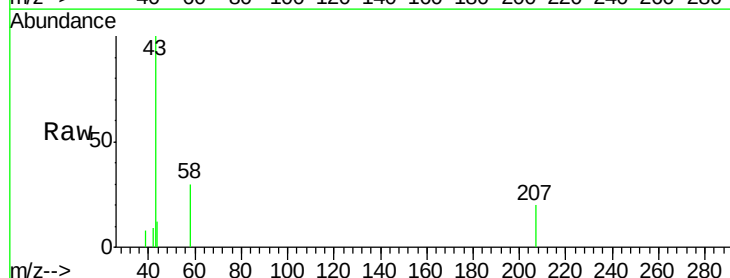
Acq: 10 Mar 2020 16:09

Tgt Ion: 43 Resp: 6401

Ion Ratio Lower Upper

43 100

58 30.5 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.79

2500

2000

1500

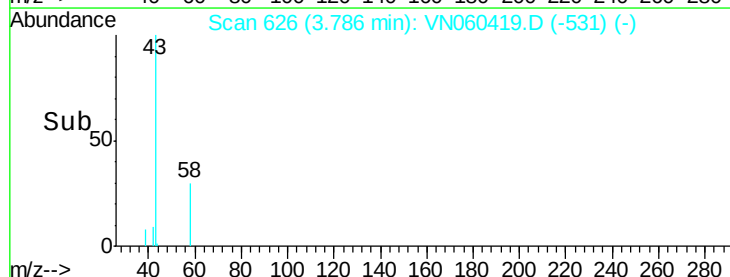
1000

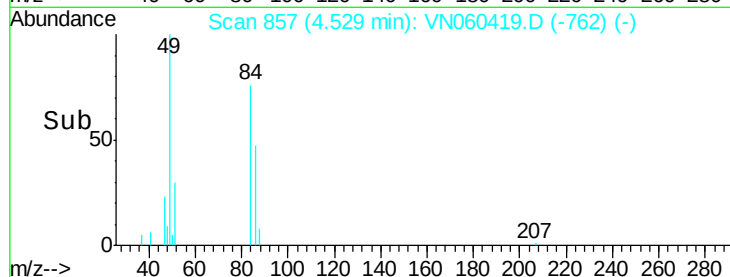
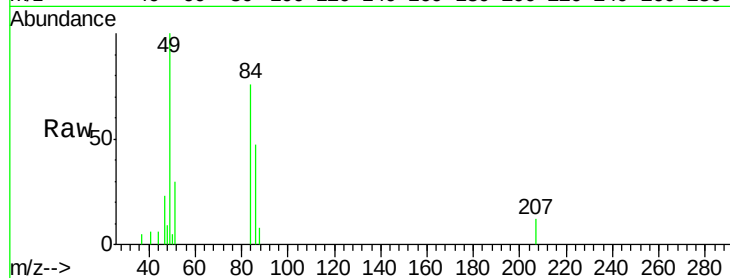
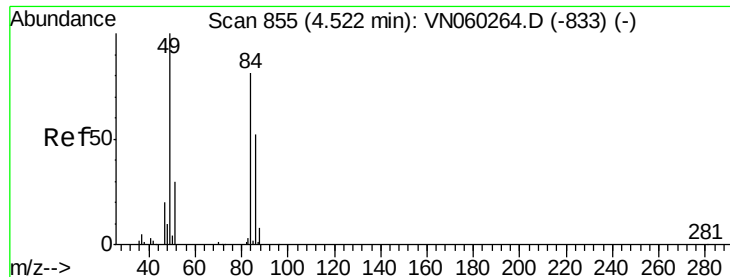
500

0

3.70 3.75 3.80 3.85

Time-->

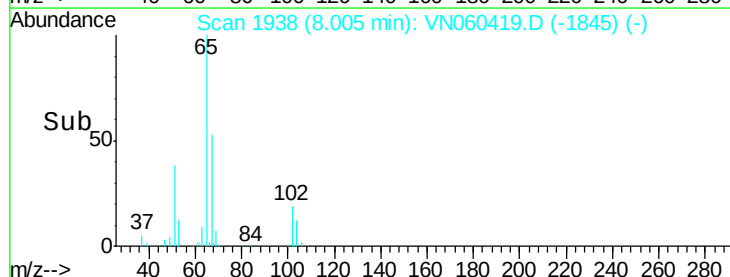
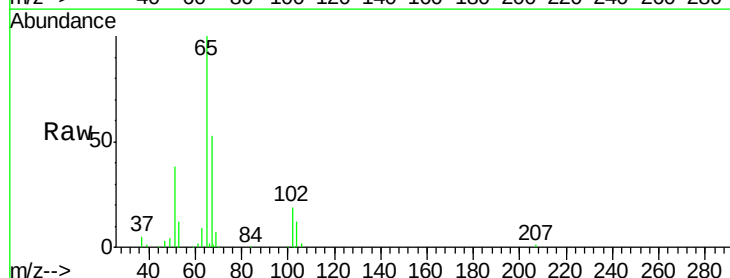
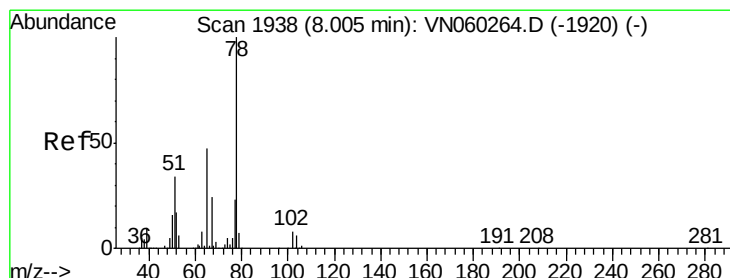
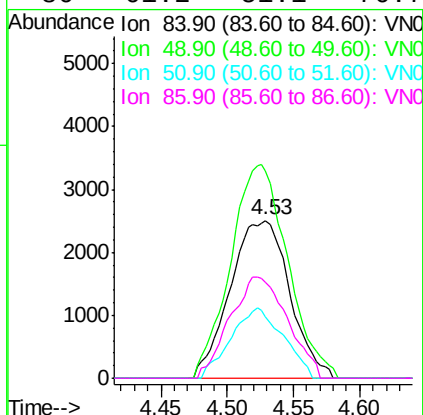




#20
Methylene Chloride
Concen: 3.322 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.01 min
Lab File: VN060419.D
Acq: 10 Mar 2020 16:09

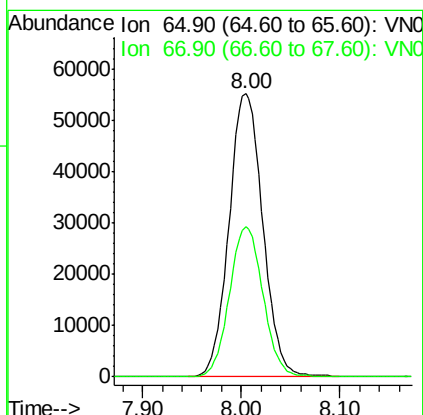
Instrument :
MSVOA_N
ClientSampleId :
PB127392ZHE#14

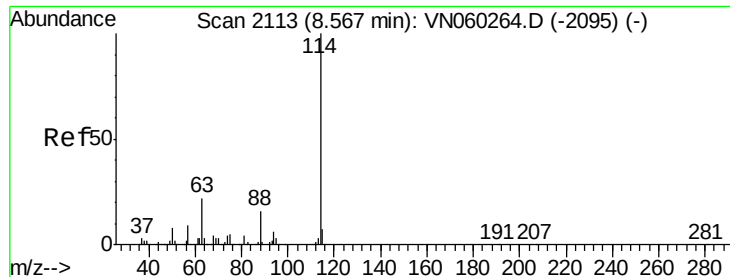
Tot Ion:	84	Resp:	7842
Ion	Ratio	Lower	Upper
84	100		
49	131.5	99.3	148.9
51	38.9	30.1	45.1
86	61.2	51.1	76.7



#33
1,2-Dichloroethane-d4
Concen: 49.522 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060419.D
Acq: 10 Mar 2020 16:09

Tgt Ion:	65	Resp:	131800
Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	103.8

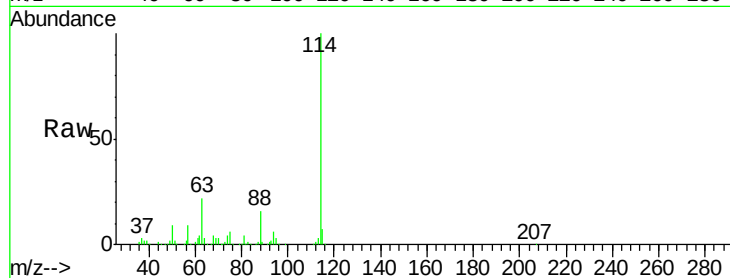




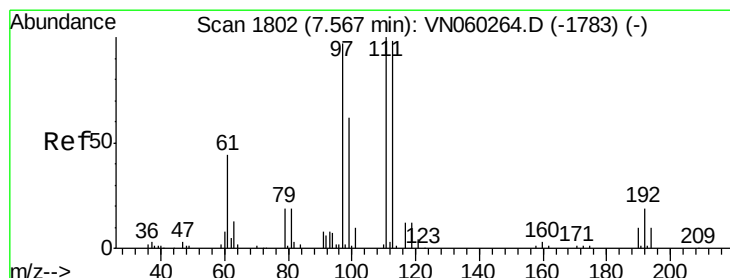
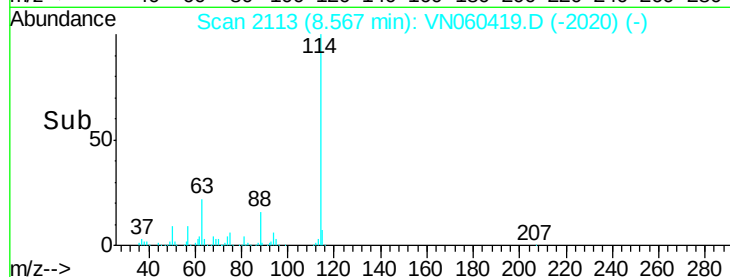
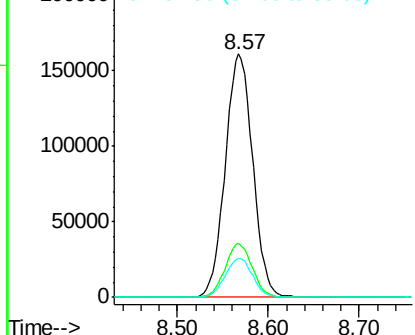
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060419.D
 Acq: 10 Mar 2020 16:09

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127392ZHE#14

Tot Ion:114 Resp: 338082
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 43.2
 88 16.0 0.0 31.6

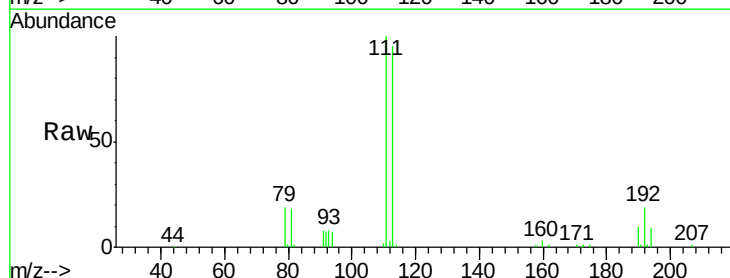


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

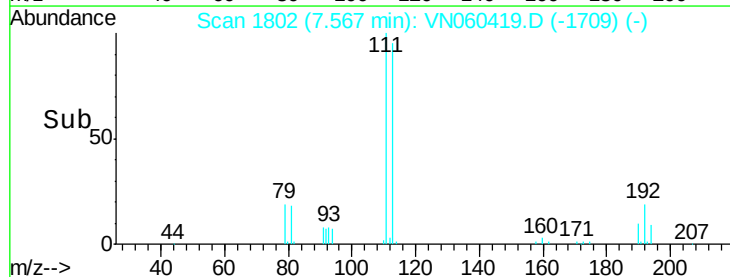
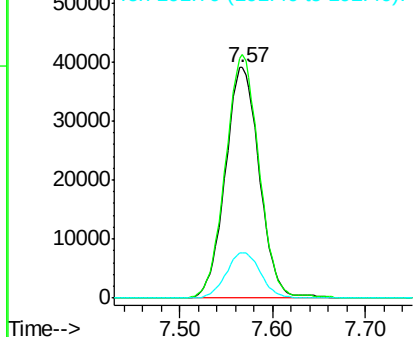


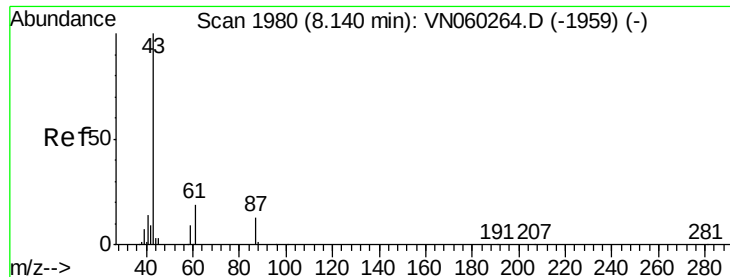
#35
 Dibromofluoromethane
 Concen: 63.418 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060419.D
 Acq: 10 Mar 2020 16:09

Tgt Ion:113 Resp: 99520
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.4 123.6
 192 19.8 16.2 24.2



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: 10.636 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN060419.D

Acq: 10 Mar 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

PB127392ZHE#14

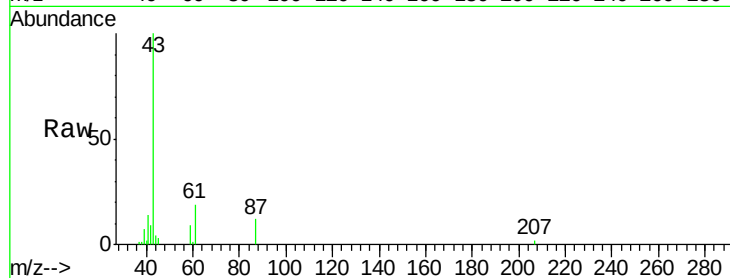
Tot Ion: 43 Resp: 56808

Ion Ratio Lower Upper

43 100

61 18.8 20.9 31.3#

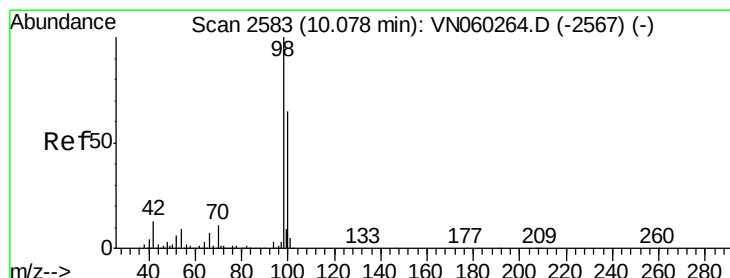
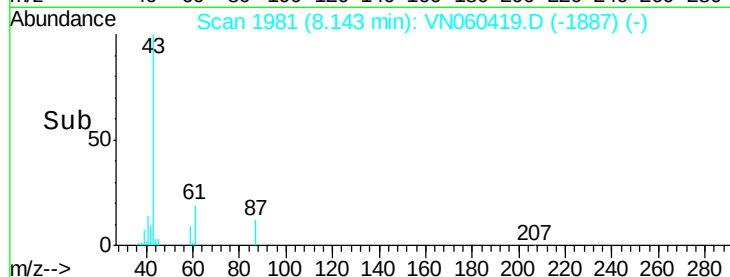
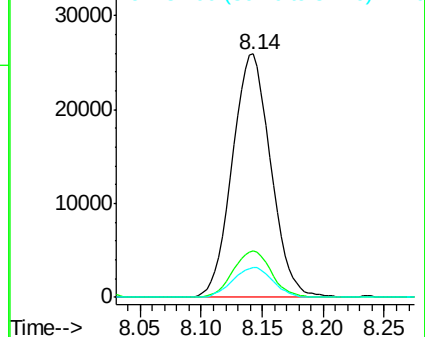
87 12.5 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 52.610 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060419.D

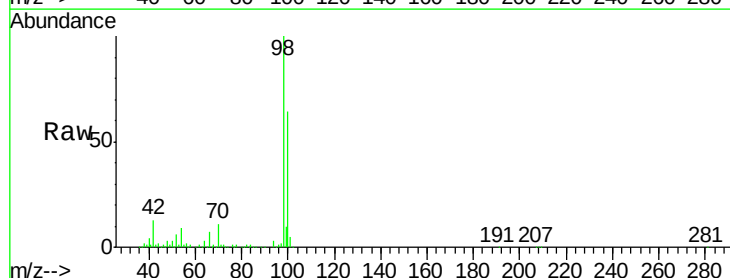
Acq: 10 Mar 2020 16:09

Tgt Ion: 98 Resp: 417842

Ion Ratio Lower Upper

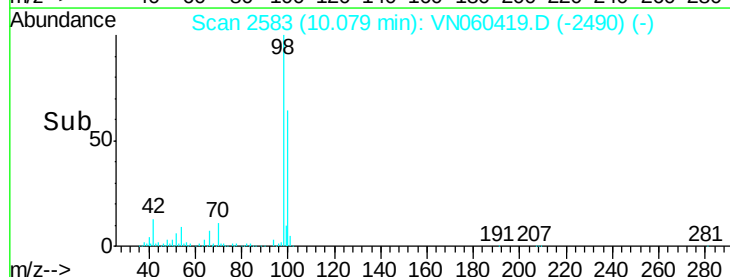
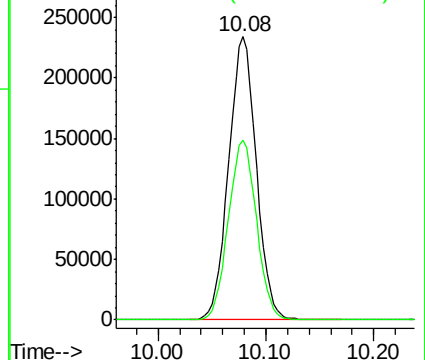
98 100

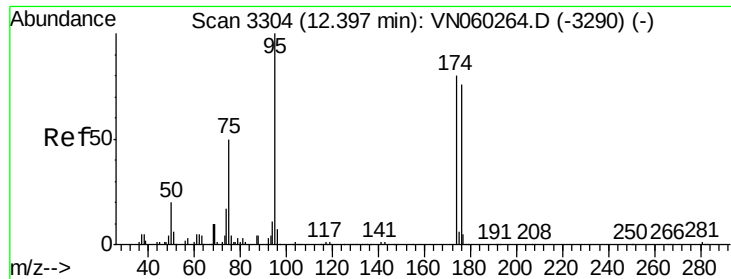
100 64.7 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

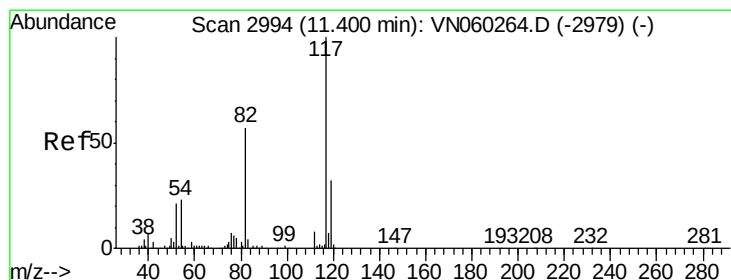
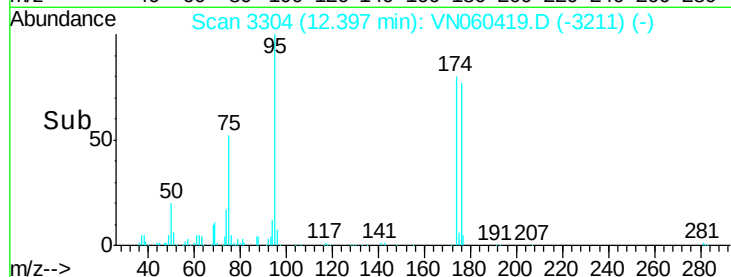
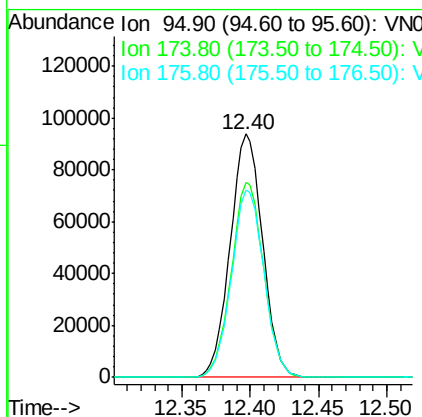
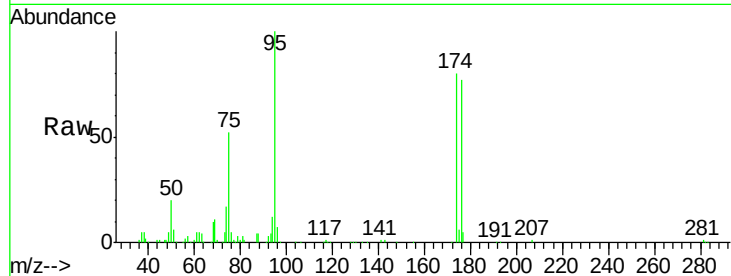




#62
4-Bromofluorobenzene
Concen: 51.456 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN060419.D
Acq: 10 Mar 2020 16:09

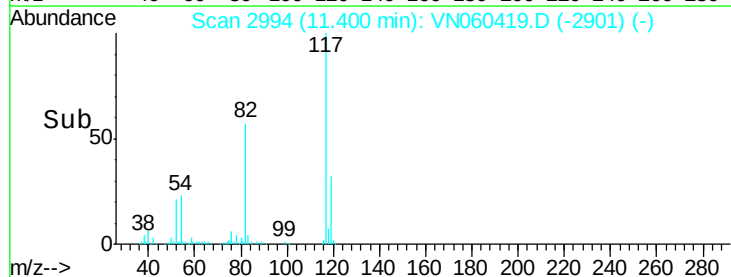
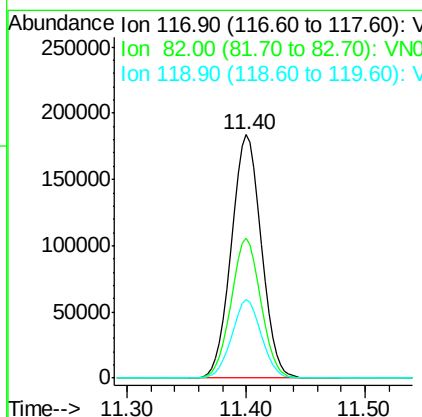
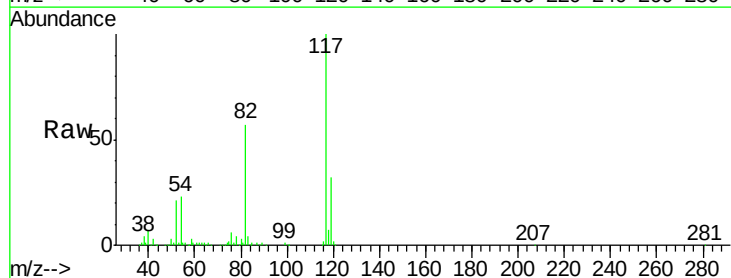
Instrument :
MSVOA_N
ClientSampleId :
PB127392ZHE#14

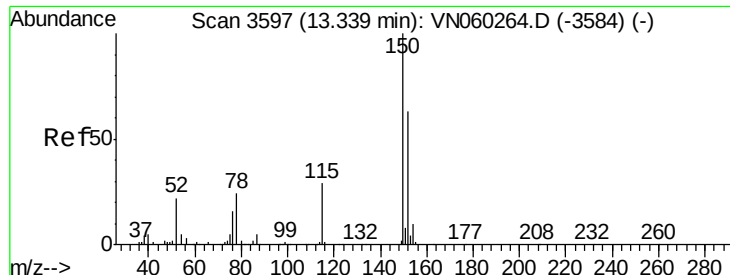
Tot Ion: 95 Resp: 154920
Ion Ratio Lower Upper
95 100
174 80.1 0.0 159.2
176 77.2 0.0 153.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060419.D
Acq: 10 Mar 2020 16:09

Tgt Ion: 117 Resp: 321527
Ion Ratio Lower Upper
117 100
82 57.3 45.8 68.6
119 32.4 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: VN060419.D

Acq: 10 Mar 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

PB127392ZHE#14

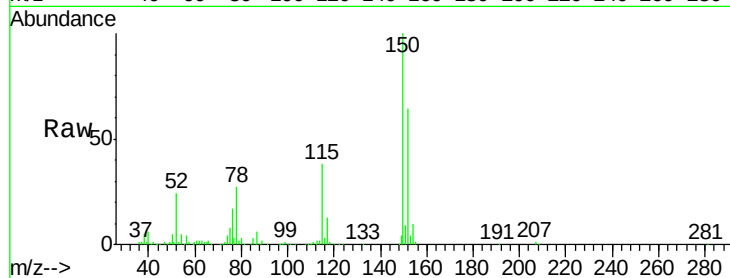
Tot Ion:152 Resp: 147266

Ion Ratio Lower Upper

152 100

115 59.6 30.0 90.0

150 156.8 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

