

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030320\
 Data File : VN060328.D
 Acq On : 3 Mar 2020 14:41
 Operator : JC/MD
 Sample : PB127227ZHE#14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127227ZHE#14

Quant Time: Mar 04 02:26:46 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

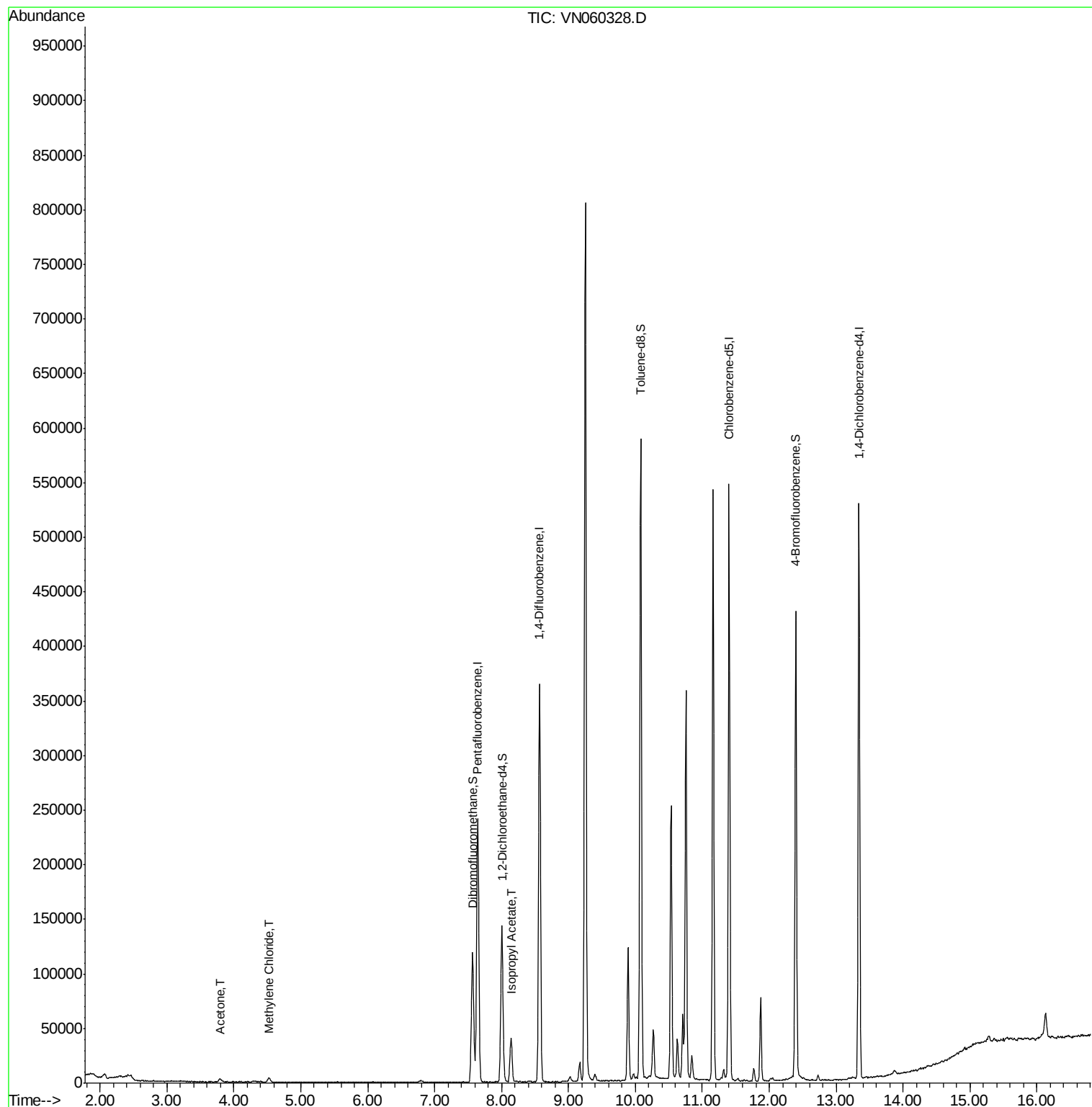
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	197698	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	320152	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	302033	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	140301	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	125709	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.12%	
35) Dibromofluoromethane	7.57	113	89604	60.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.60%	
50) Toluene-d8	10.08	98	393333	52.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.60%	
62) 4-Bromofluorobenzene	12.40	95	146953	51.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.08%	
Target Compounds						
16) Acetone	3.80	43	5028	6.138	ug/l	92
20) Methylene Chloride	4.52	84	2920	1.298	ug/l #	92
43) Isopropyl Acetate	8.14	43	50146	9.914	ug/l #	89

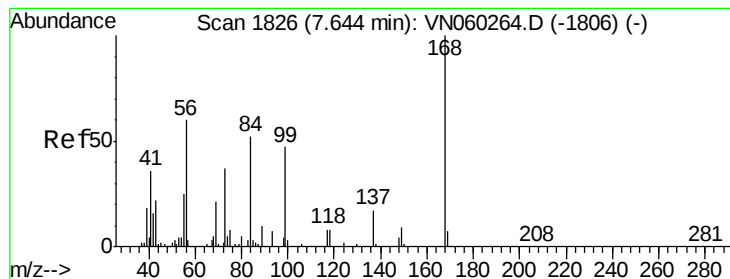
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Feb 27 13:52:50 2020
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: VN060328.D

Acq: 3 Mar 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

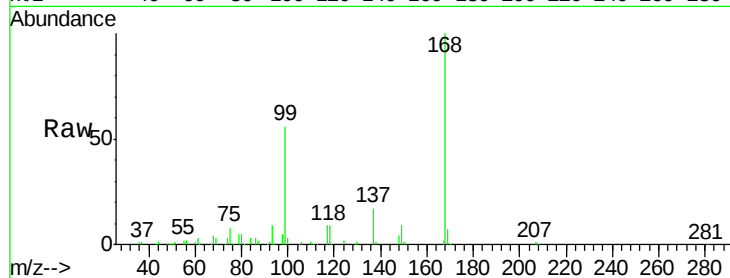
PB127227ZHE#14

Tot Ion:168 Resp: 197698

Ion Ratio Lower Upper

168 100

99 55.9 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

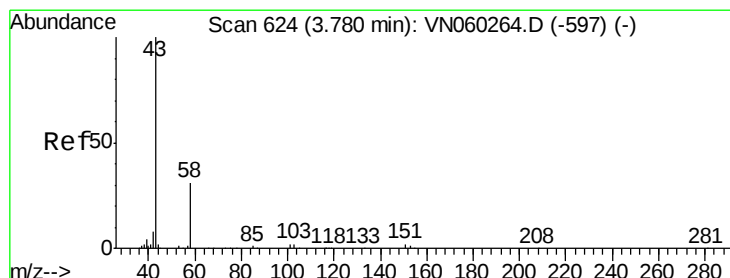
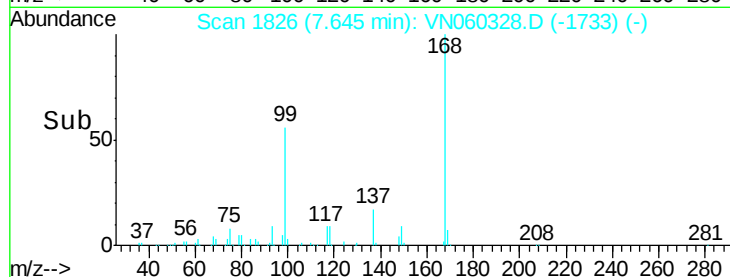
40000

20000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 6.138 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.02 min

Lab File: VN060328.D

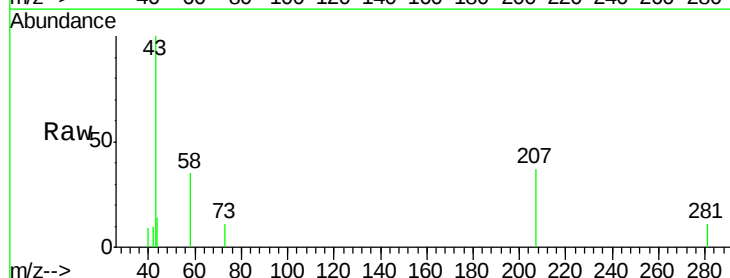
Acq: 3 Mar 2020 14:41

Tgt Ion: 43 Resp: 5028

Ion Ratio Lower Upper

43 100

58 35.3 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.80

1500

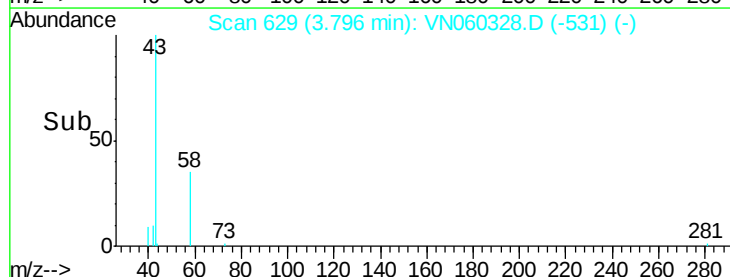
1000

500

0

3.75 3.80 3.85

Time-->

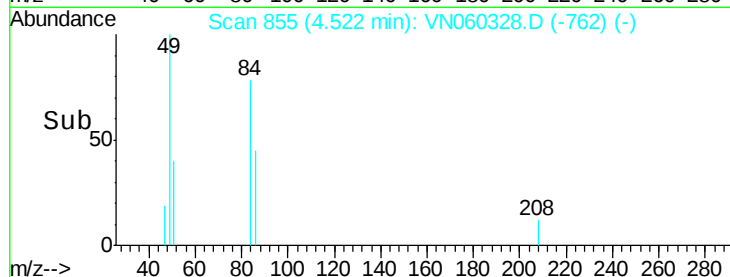
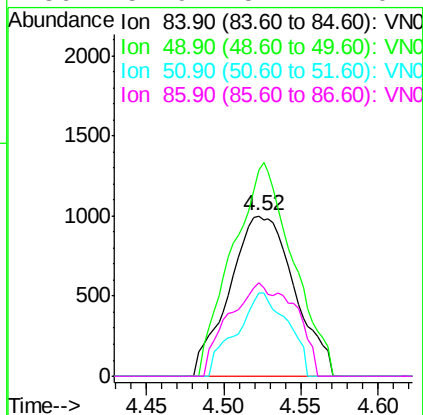
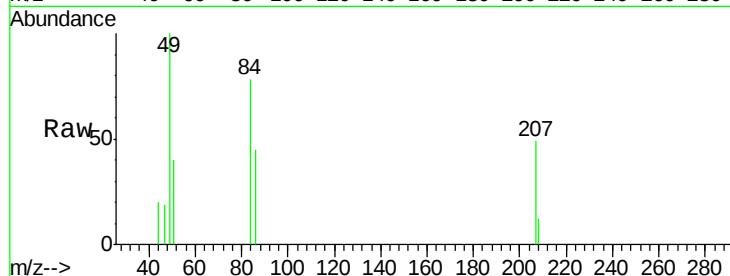




#20
Methvlene Chloride
Concen: 1.298 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN060328.D
Acq: 3 Mar 2020 14:41

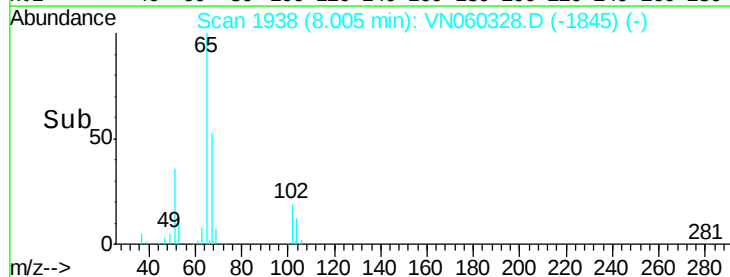
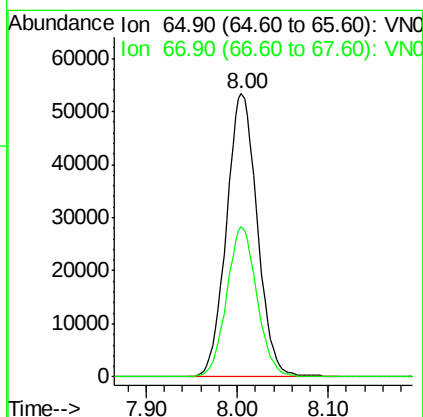
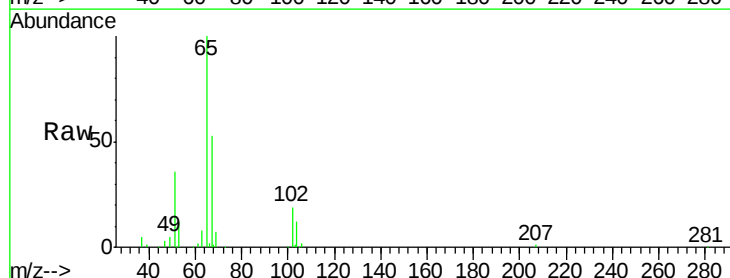
Instrument :
MSVOA_N
ClientSampleId :
PB127227ZHE#14

Tot Ion: 84 Resp: 2920
Ion Ratio Lower Upper
84 100
49 128.7 99.3 148.9
51 51.5 30.1 45.1#
86 57.9 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 49.560 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060328.D
Acq: 3 Mar 2020 14:41

Tgt Ion: 65 Resp: 125709
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.8

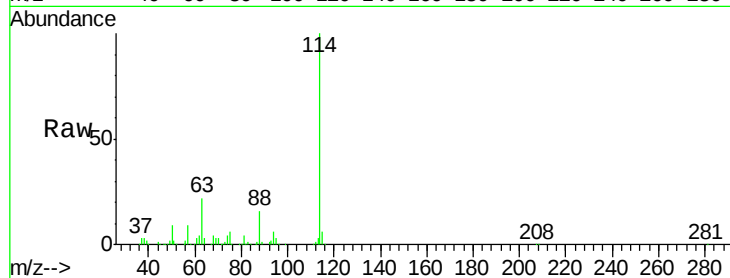




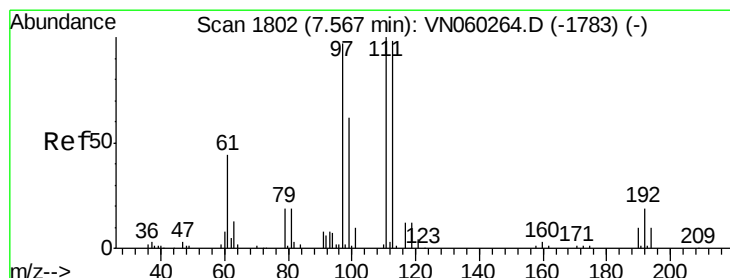
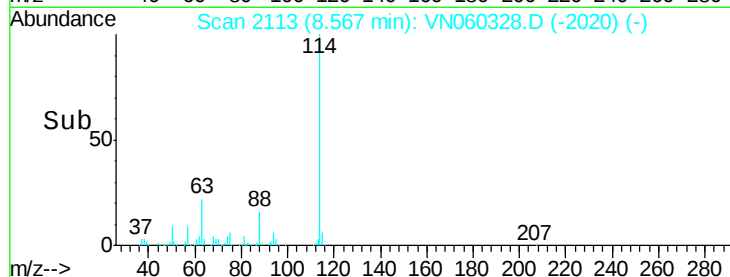
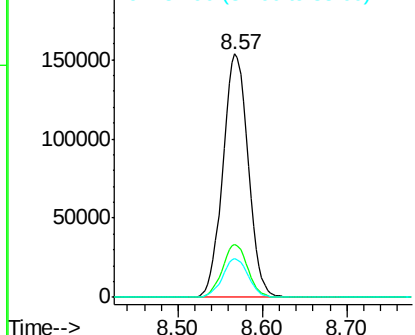
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN060328.D
Acq: 3 Mar 2020 14:41

Instrument :
MSVOA_N
ClientSampleId :
PB127227ZHE#14

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	43.2
88	16.0	0.0	31.6

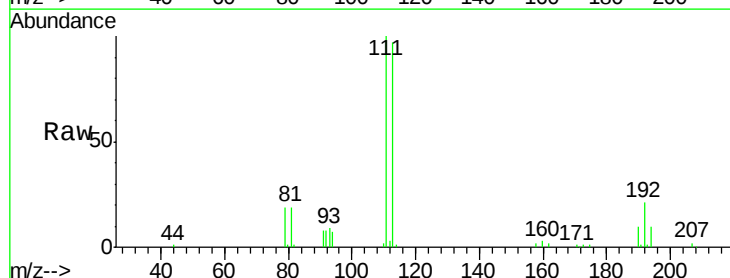


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

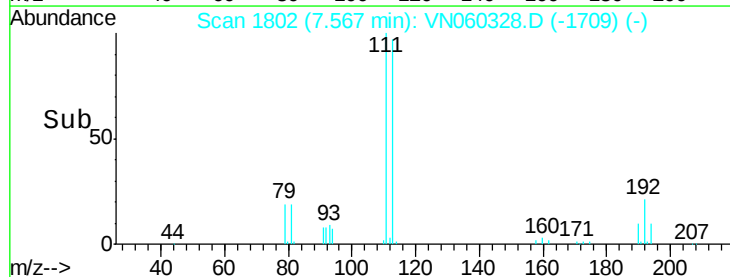
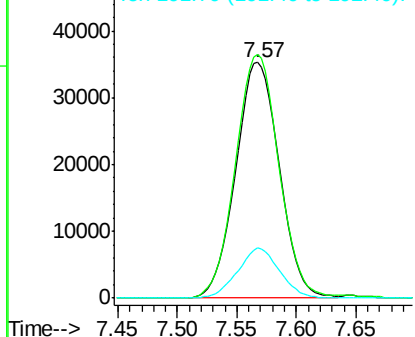


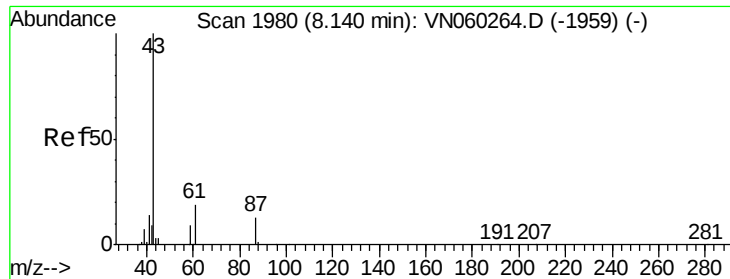
#35
Dibromofluoromethane
Concen: 60.297 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN060328.D
Acq: 3 Mar 2020 14:41

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.4	123.6
192	20.3	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: 9.914 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN060328.D

Acq: 3 Mar 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

PB127227ZHE#14

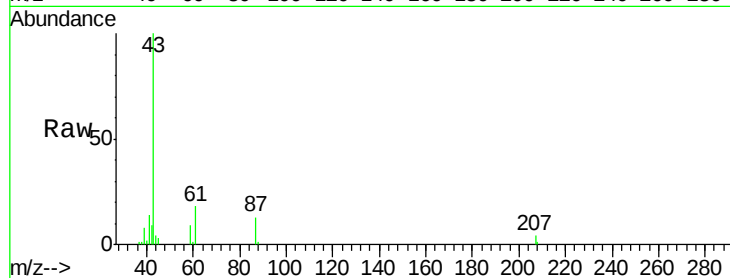
Tot Ion: 43 Resp: 50146

Ion Ratio Lower Upper

43 100

61 18.5 20.9 31.3#

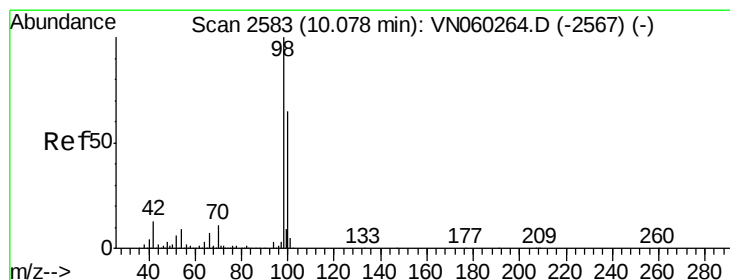
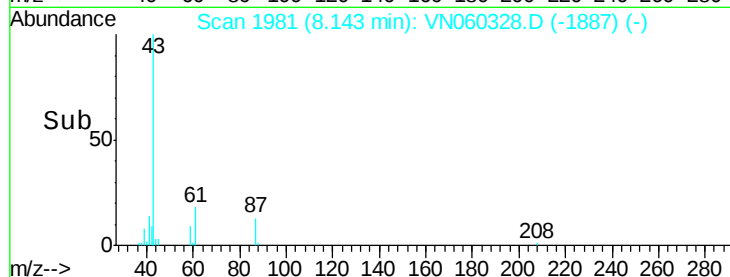
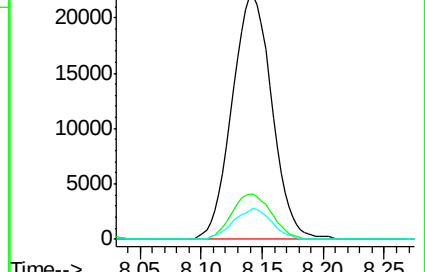
87 12.1 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VN060328.D (-1959) (-)

Ion 61.00 (60.70 to 61.70): VN060328.D (-1959) (-)

Ion 87.00 (86.70 to 87.70): VN060328.D (-1959) (-)



#50

Toluene-d8

Concen: 52.298 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060328.D

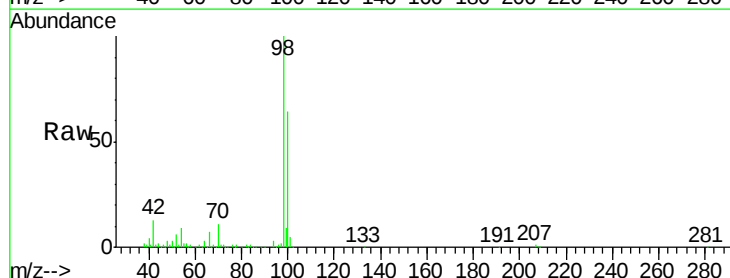
Acq: 3 Mar 2020 14:41

Tgt Ion: 98 Resp: 393333

Ion Ratio Lower Upper

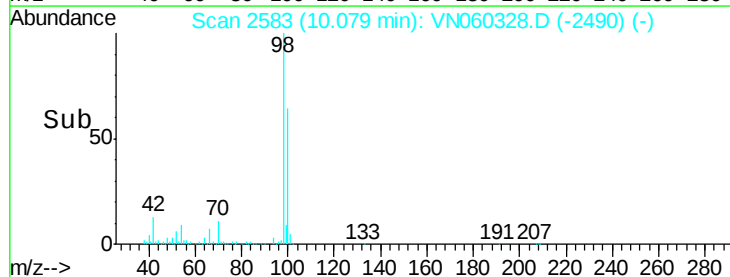
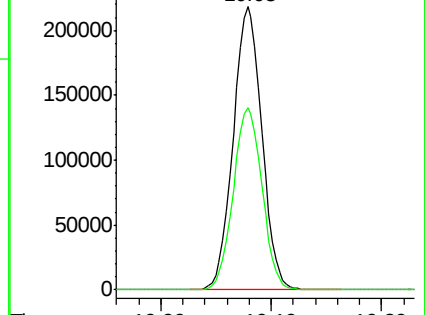
98 100

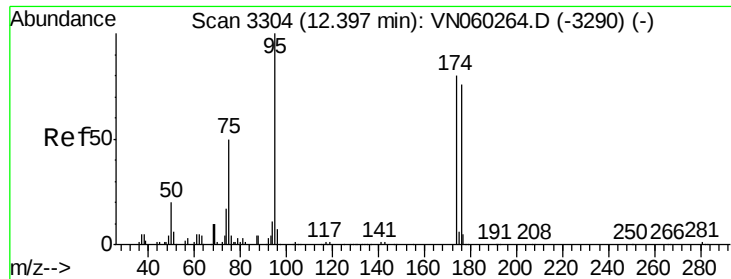
100 64.6 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN060328.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN060328.D (-2567) (-)

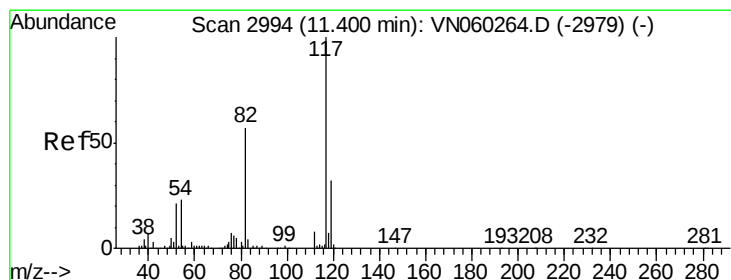
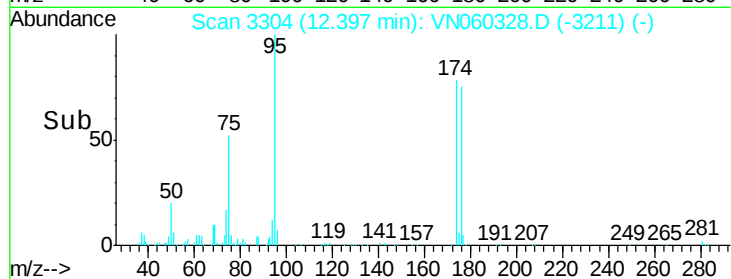
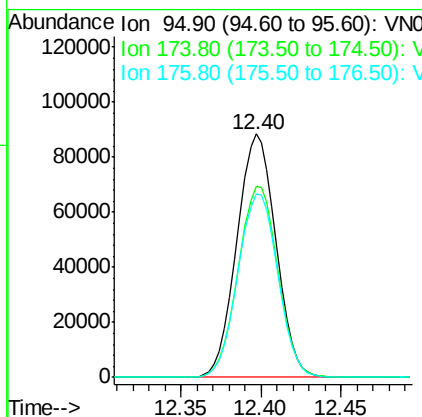
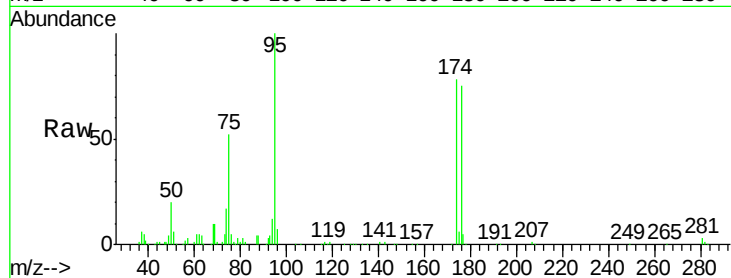




#62
4-Bromofluorobenzene
Concen: 51.544 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN060328.D
Acq: 3 Mar 2020 14:41

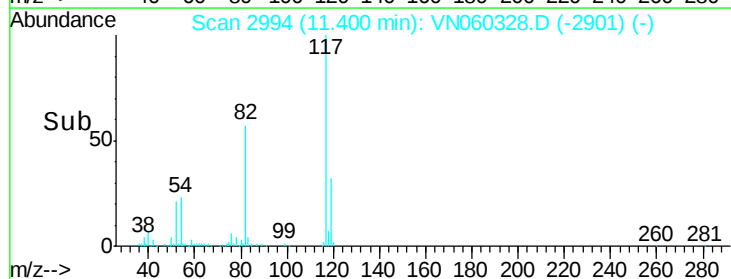
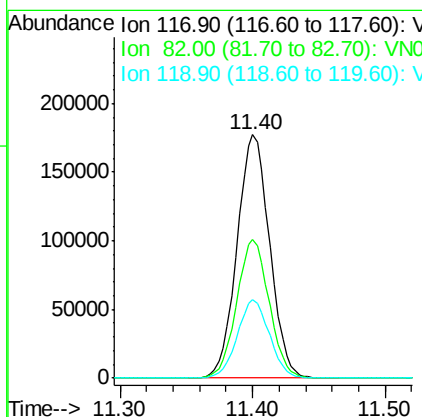
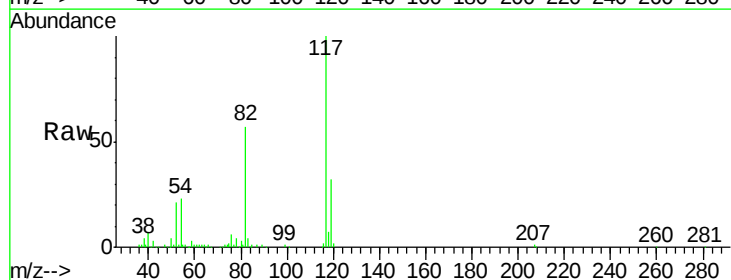
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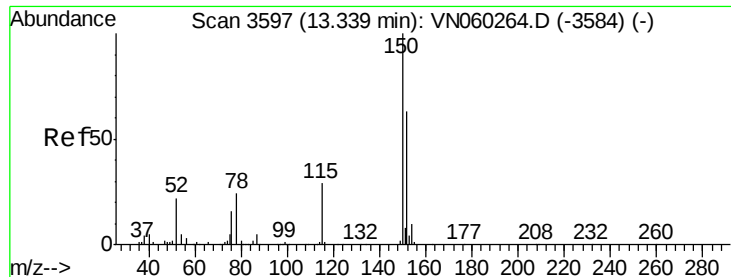
Tot Ion: 95 Resp: 146953
Ion Ratio Lower Upper
95 100
174 80.3 0.0 159.2
176 77.6 0.0 153.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060328.D
Acq: 3 Mar 2020 14:41

Tgt Ion: 117 Resp: 302033
Ion Ratio Lower Upper
117 100
82 57.1 45.8 68.6
119 32.2 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN060328.D

Acq: 3 Mar 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

PB127227ZHE#14

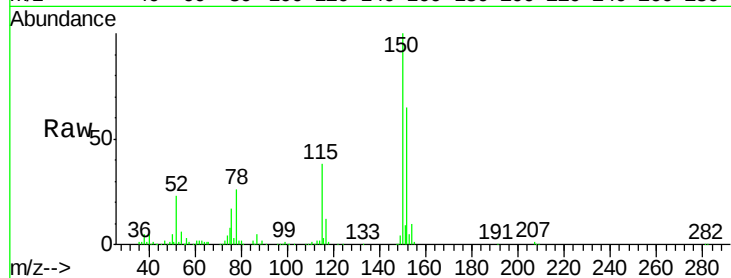
Tot Ion:152 Resp: 140301

Ion Ratio Lower Upper

152 100

115 58.5 30.0 90.0

150 155.6 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

