

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031620\
 Data File : VN060529.D
 Acq On : 16 Mar 2020 17:30
 Operator : JC/MD
 Sample : PB127541ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127541ZHE#02

Quant Time: Mar 17 09:34:21 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

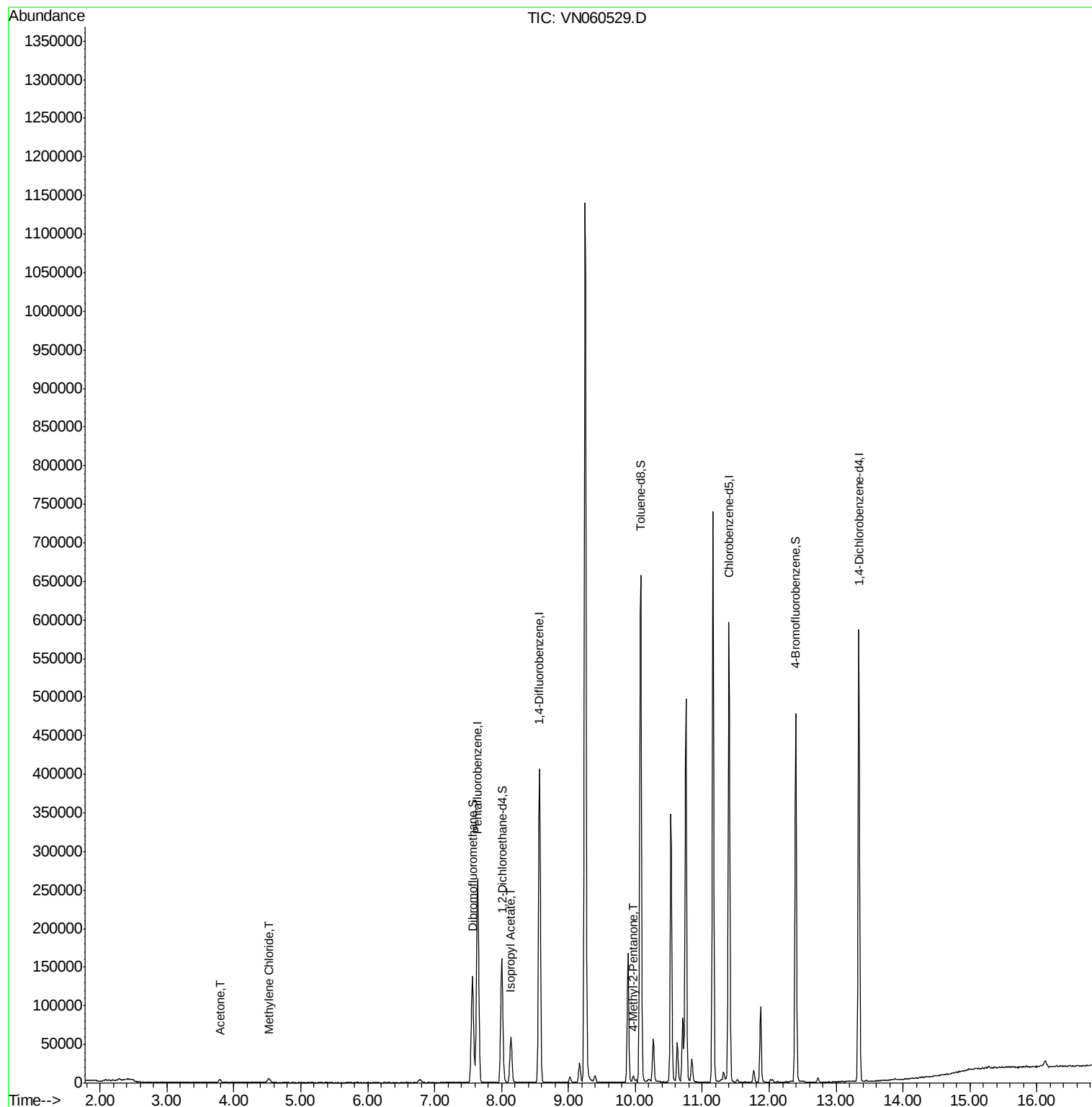
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	214655	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	360995	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	338107	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	154476	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	139489	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.30%	
35) Dibromofluoromethane	7.56	113	105329	62.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.72%	
50) Toluene-d8	10.08	98	446882	52.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.38%	
62) 4-Bromofluorobenzene	12.40	95	167790	52.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.38%	
Target Compounds						
16) Acetone	3.79	43	6984	7.853	ug/l	98
20) Methylene Chloride	4.51	84	4145	1.697	ug/l	91
43) Isopropyl Acetate	8.14	43	71244	12.492	ug/l #	90
51) 4-Methyl-2-Pentanone	9.97	43	6283	1.943	ug/l	88

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060529.D

Acq: 16 Mar 2020 17:30

Instrument :

MSVOA_N

ClientSampleId :

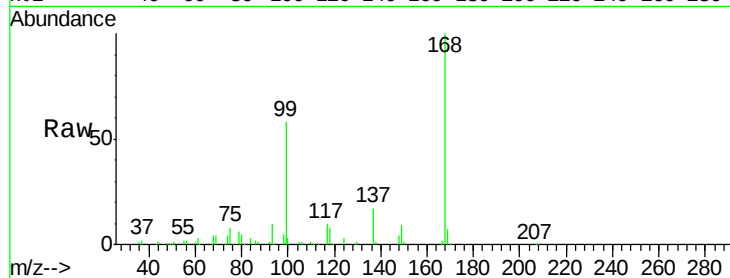
PB127541ZHE#02

Tot Ion:168 Resp: 214655

Ion Ratio Lower Upper

168 100

99 57.6 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

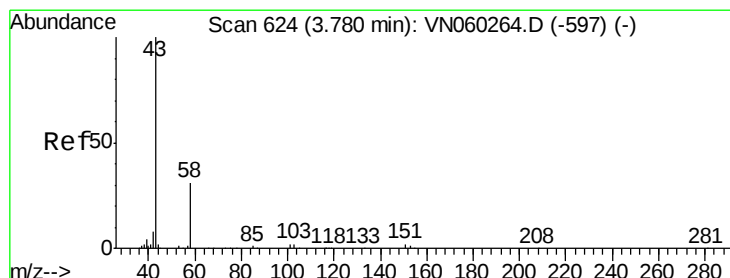
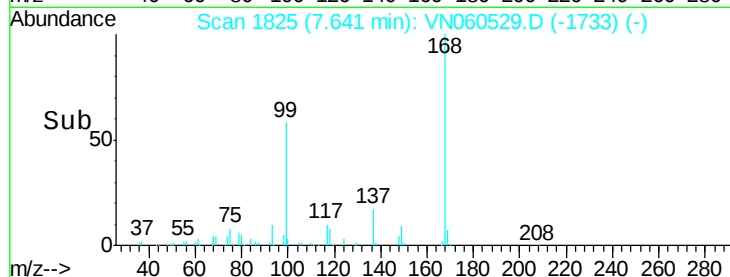
40000

20000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 7.853 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060529.D

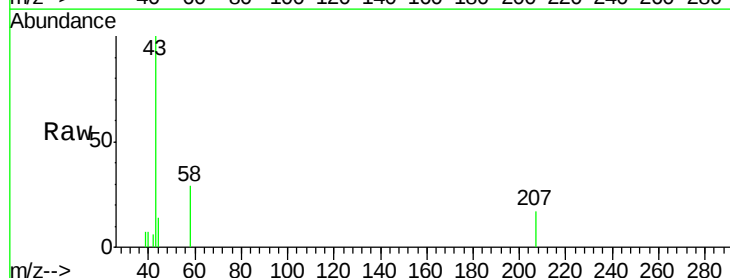
Acq: 16 Mar 2020 17:30

Tgt Ion: 43 Resp: 6984

Ion Ratio Lower Upper

43 100

58 29.5 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

2500

2000

1500

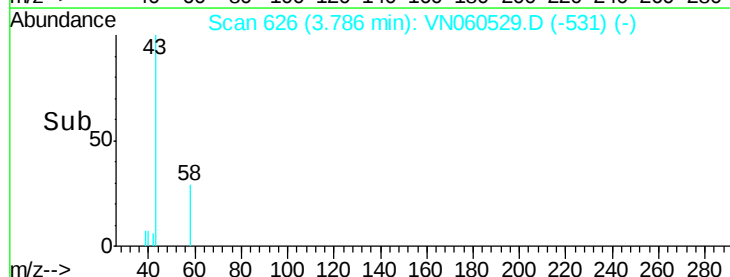
1000

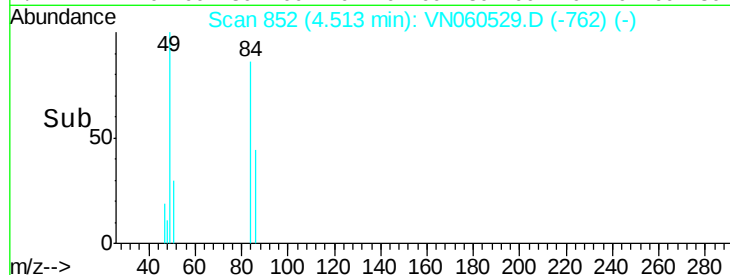
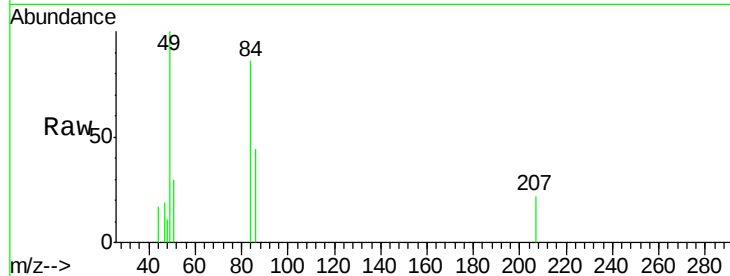
500

0

3.70 3.75 3.80 3.85 3.90

Time-->

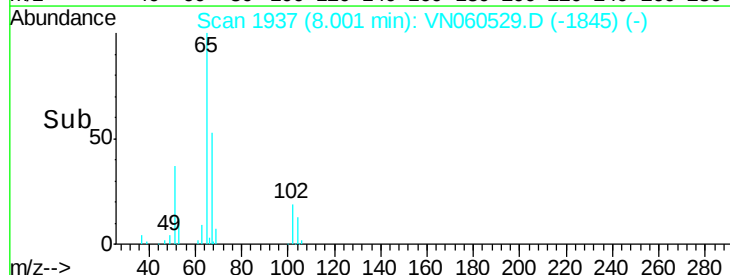
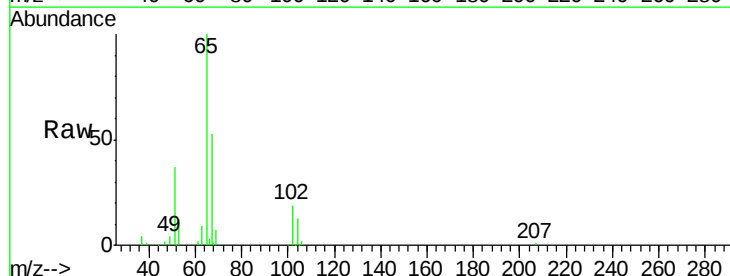
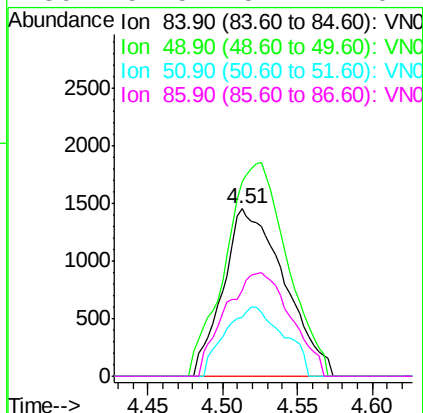




#20
Methylene Chloride
Concen: 1.697 ug/l
RT: 4.51 min Scan# 852
Delta R.T. -0.01 min
Lab File: VN060529.D
Acq: 16 Mar 2020 17:30

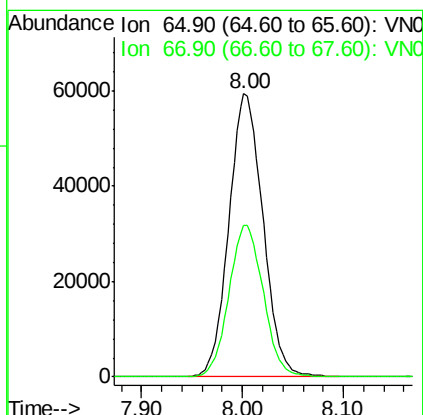
Instrument :
MSVOA_N
ClientSampleId :
PB127541ZHE#02

Tot Ion:	84	Resp:	4145
Ion	Ratio	Lower	Upper
84	100		
49	116.4	99.3	148.9
51	35.3	30.1	45.1
86	51.5	51.1	76.7



#33
1,2-Dichloroethane-d4
Concen: 50.649 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN060529.D
Acq: 16 Mar 2020 17:30

Tgt Ion:	65	Resp:	139489
Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	103.8

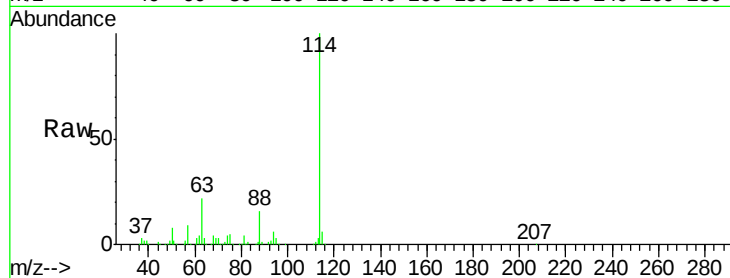




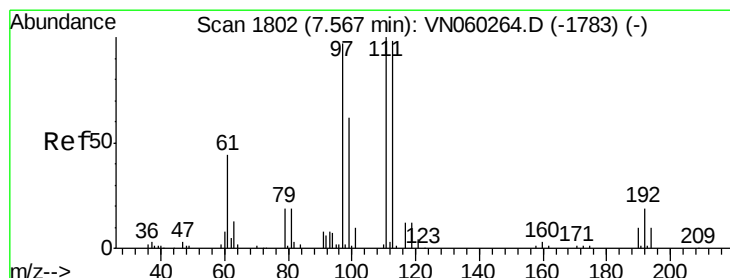
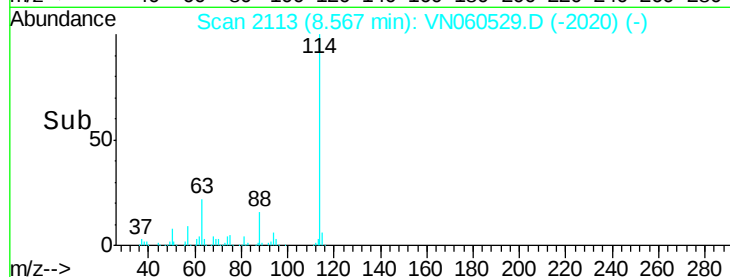
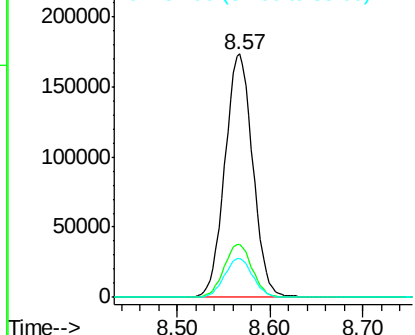
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN060529.D
Acq: 16 Mar 2020 17:30

Instrument :
MSVOA_N
ClientSampleId :
PB127541ZHE#02

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

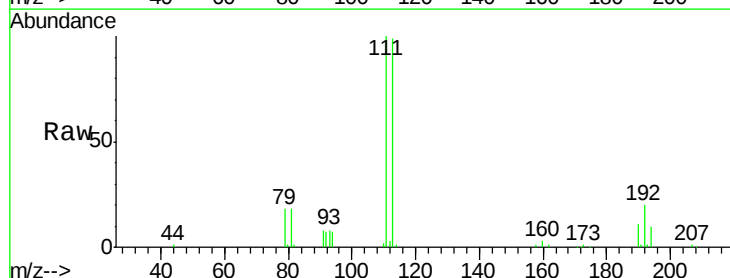


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

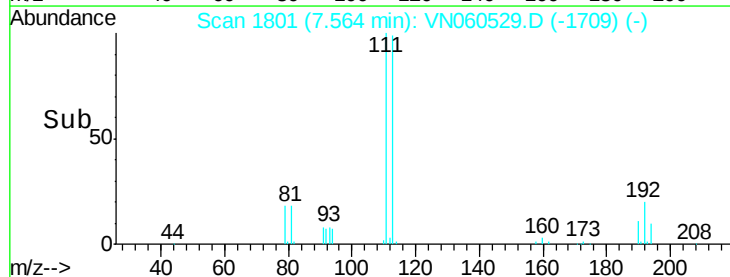
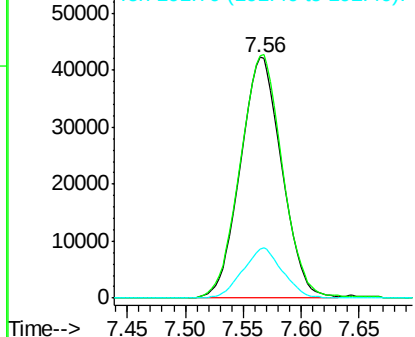


#35
Dibromofluoromethane
Concen: 62.860 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN060529.D
Acq: 16 Mar 2020 17:30

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.4	123.6
192	20.0	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: 12.492 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060529.D

Acq: 16 Mar 2020 17:30

Instrument :

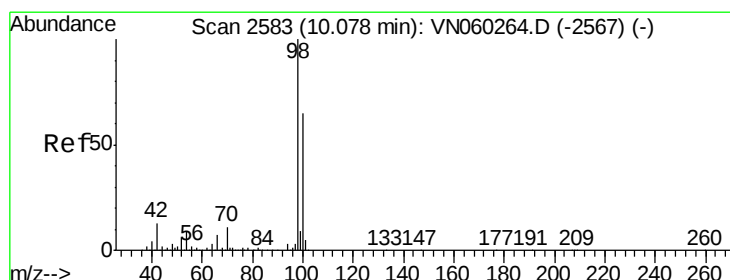
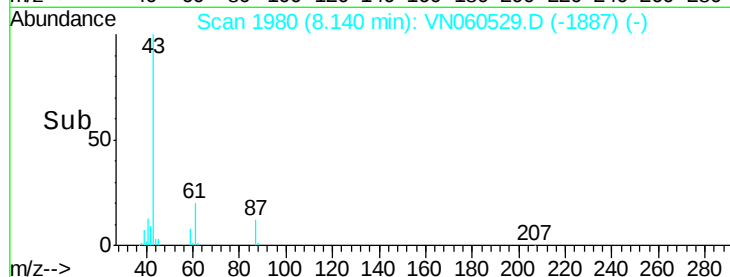
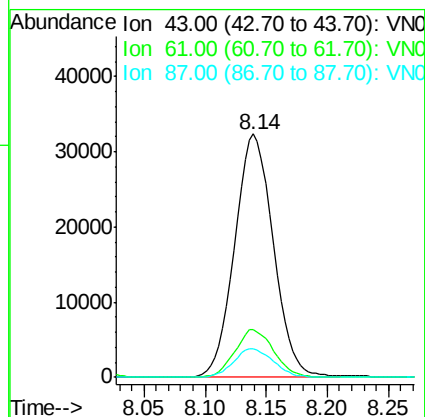
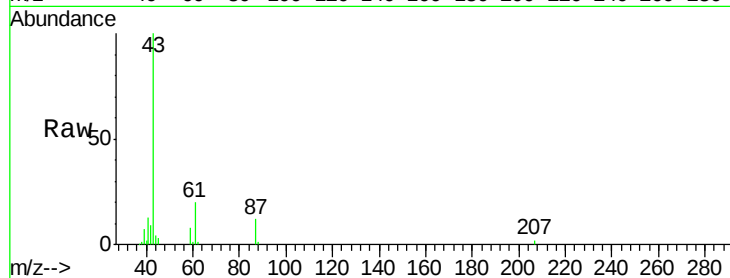
MSVOA_N

ClientSampleId :

PB127541ZHE#02

Tot Ion: 43 Resp: 71244

Ion	Ratio	Lower	Upper
43	100		
61	19.6	20.9	31.3#
87	12.0	10.6	16.0



#50

Toluene-d8

Concen: 52.695 ug/l

RT: 10.08 min Scan# 2583

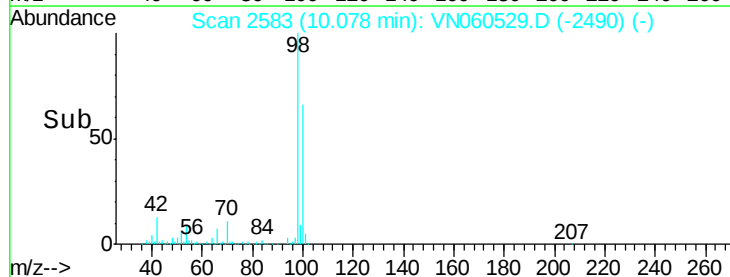
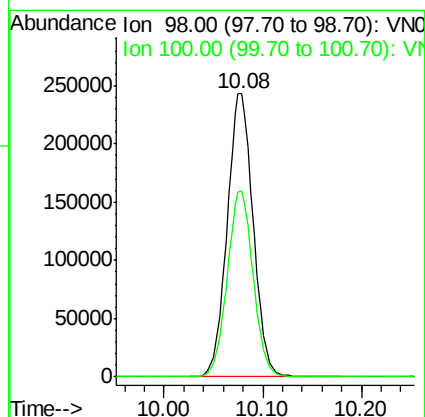
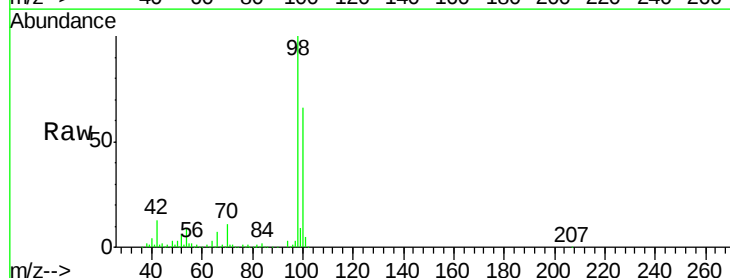
Delta R.T. 0.00 min

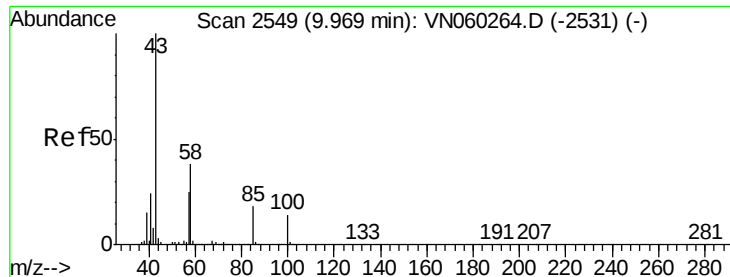
Lab File: VN060529.D

Acq: 16 Mar 2020 17:30

Tgt Ion: 98 Resp: 446882

Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 1.943 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN060529.D

Acq: 16 Mar 2020 17:30

Instrument :

MSVOA_N

ClientSampleId :

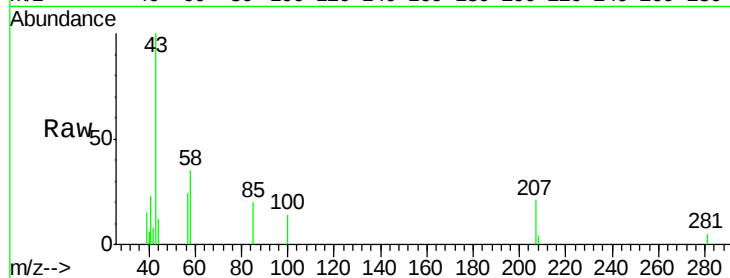
PB127541ZHE#02

Tot Ion: 43 Resp: 6283

Ion Ratio Lower Upper

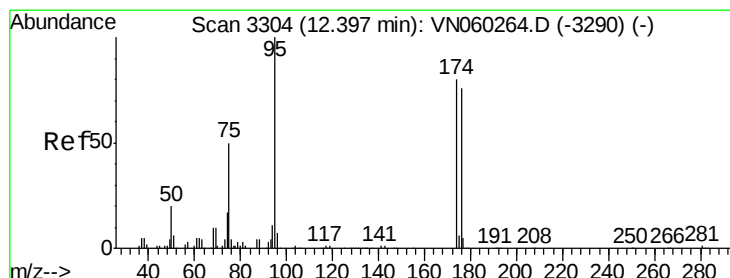
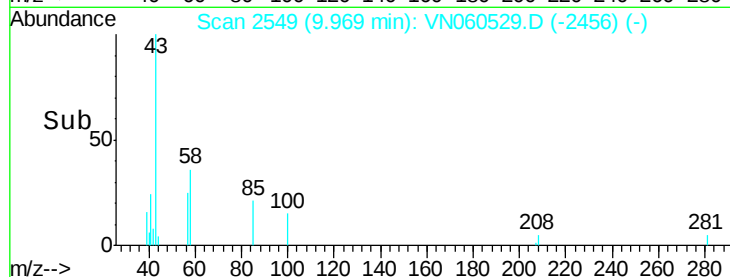
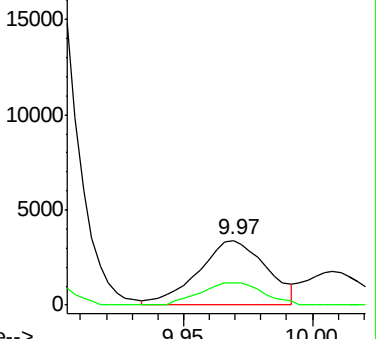
43 100

58 31.6 30.9 46.3



Abundance Ion 43.00 (42.70 to 43.70): VN060529.D (-2456) (-)

Ion 58.00 (57.70 to 58.70): VN060529.D (-2456) (-)



#62

4-Bromofluorobenzene

Concen: 52.194 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060529.D

Acq: 16 Mar 2020 17:30

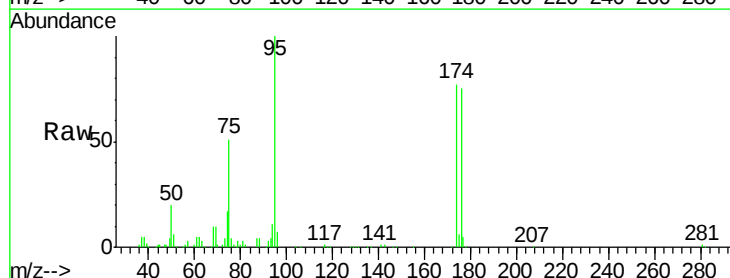
Tgt Ion: 95 Resp: 167790

Ion Ratio Lower Upper

95 100

174 77.4 0.0 159.2

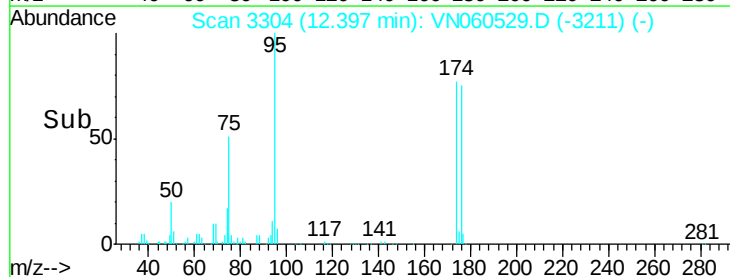
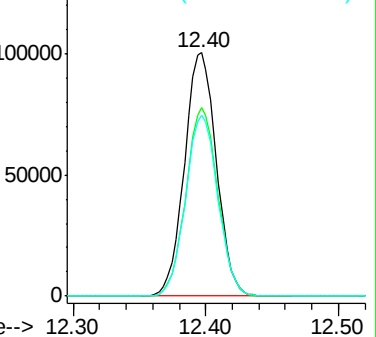
176 75.2 0.0 153.8

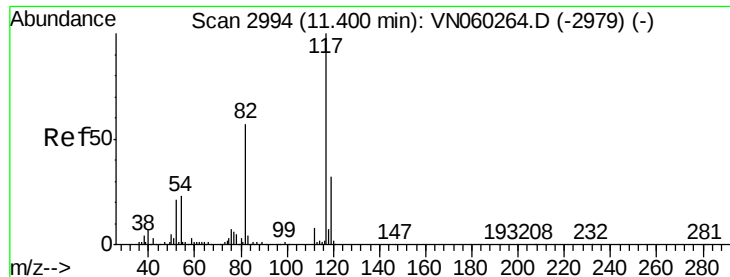


Abundance Ion 94.90 (94.60 to 95.60): VN060529.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060529.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060529.D (-3211) (-)

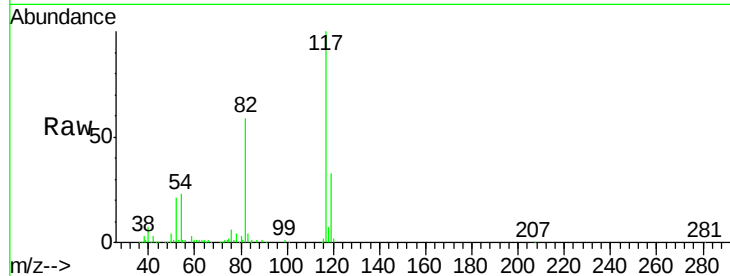




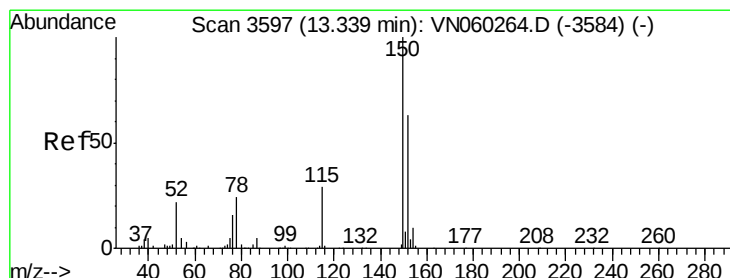
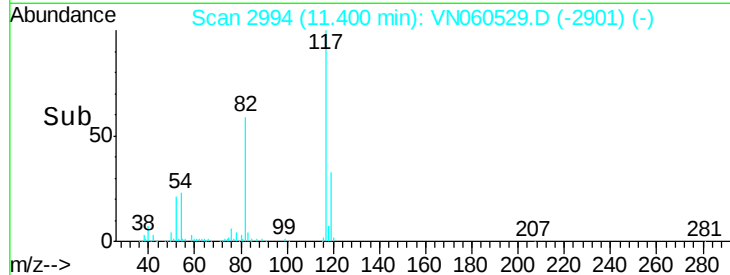
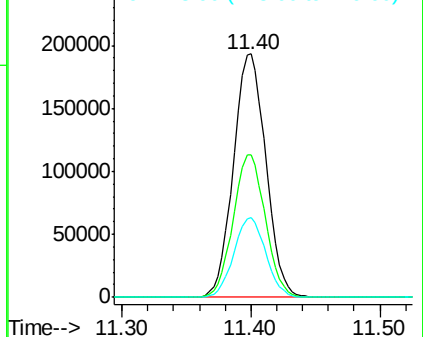
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060529.D
Acq: 16 Mar 2020 17:30

Instrument :
MSVOA_N
ClientSampleId :
PB127541ZHE#02

Tot Ion:117 Resp: 338107
Ion Ratio Lower Upper
117 100
82 58.6 45.8 68.6
119 32.7 25.8 38.8

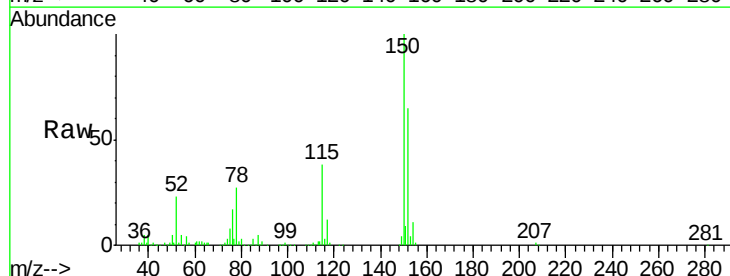


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060529.D
Acq: 16 Mar 2020 17:30

Tgt Ion:152 Resp: 154476
Ion Ratio Lower Upper
152 100
115 59.6 30.0 90.0
150 156.6 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

