

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031020\
 Data File : VN060431.D
 Acq On : 10 Mar 2020 20:41
 Operator : JC/MD
 Sample : L1852-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3-D

Quant Time: Mar 11 07:51:15 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

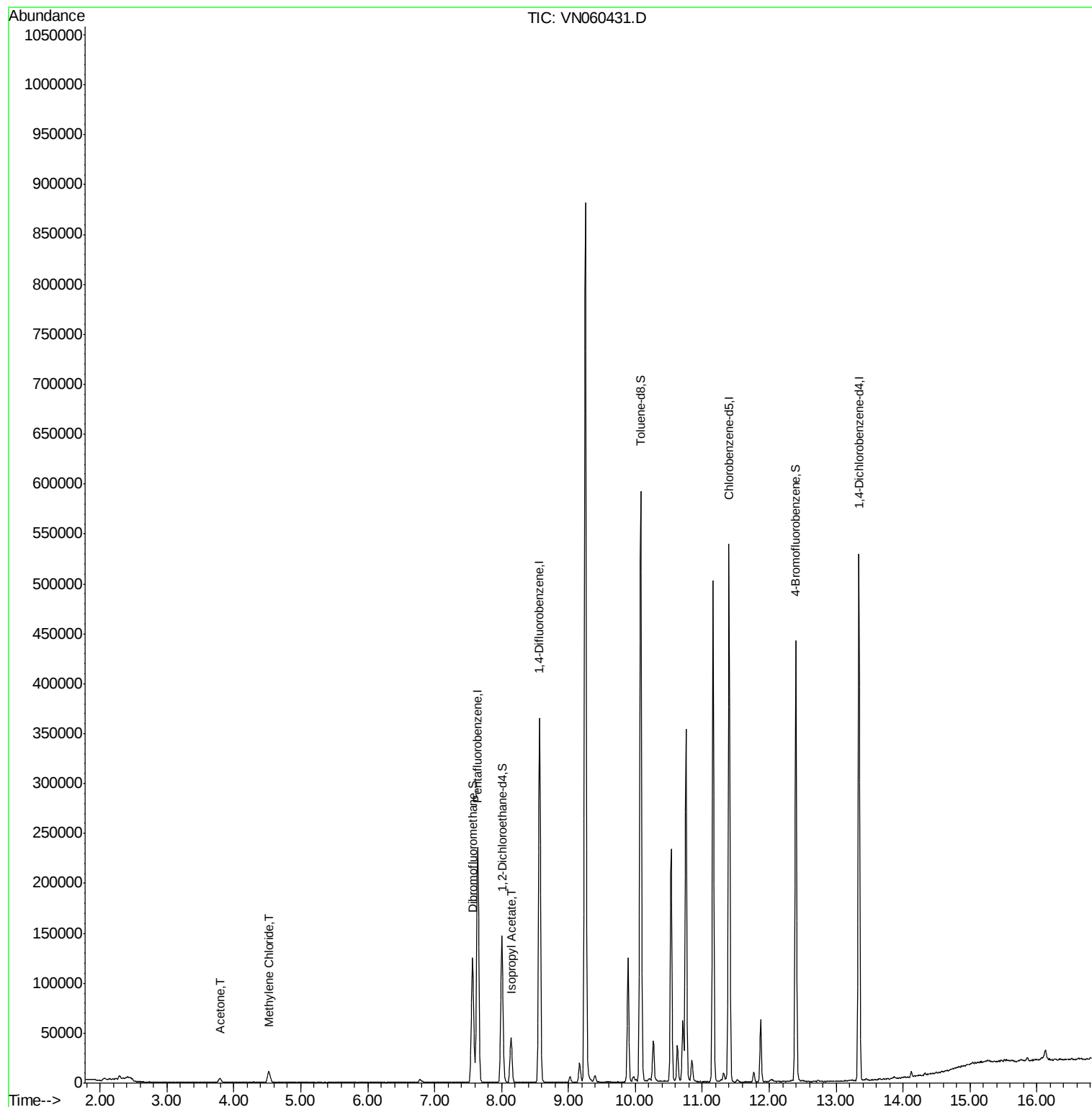
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	196170	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	321998	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	303653	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	140268	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	127261	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
35) Dibromofluoromethane	7.57	113	95549	63.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.86%	
50) Toluene-d8	10.08	98	402331	53.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.38%	
62) 4-Bromofluorobenzene	12.40	95	148373	51.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.48%	
Target Compounds						
16) Acetone	3.79	43	8599	10.580	ug/l	100
20) Methylene Chloride	4.53	84	8435	3.779	ug/l	96
43) Isopropyl Acetate	8.14	43	52766	10.373	ug/l #	91

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

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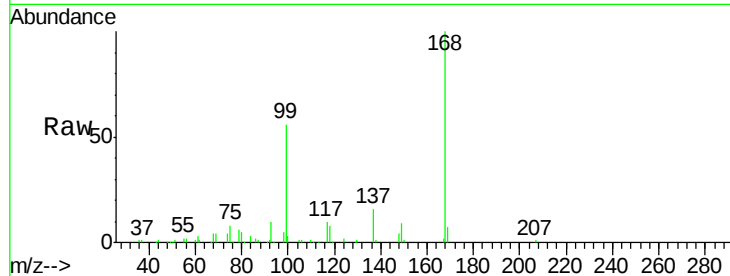




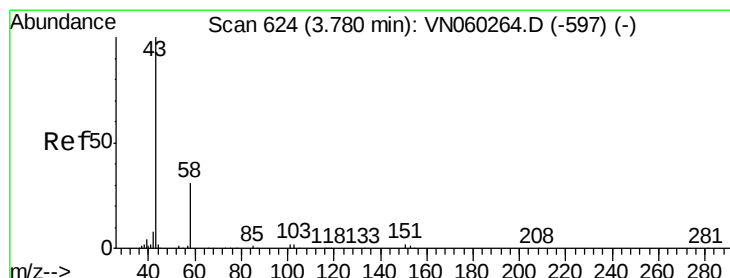
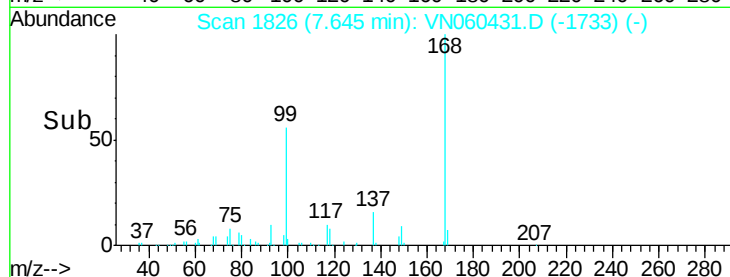
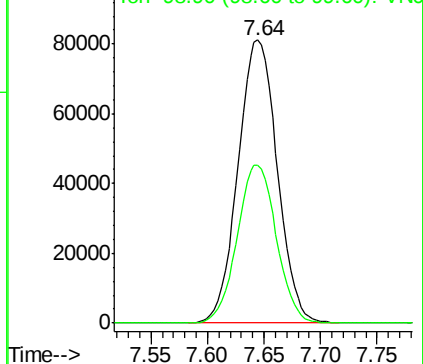
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VN060431.D
Acq: 10 Mar 2020 20:41

Instrument :
MSVOA_N
ClientSampled :
TP-3-D

Tot Ion:168 Resp: 196170
Ion Ratio Lower Upper
168 100
99 55.7 44.7 67.1

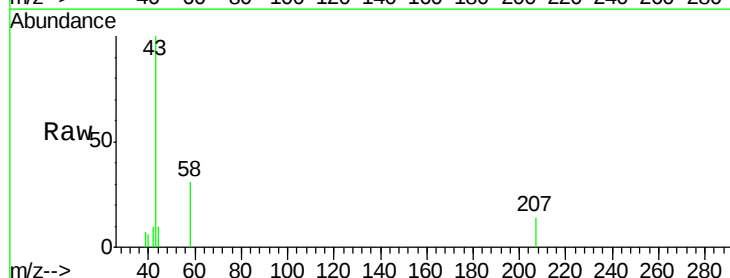


Abundance Ion 167.90 (167.60 to 168.60): V

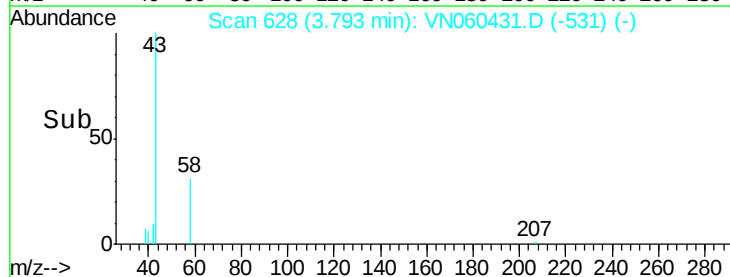
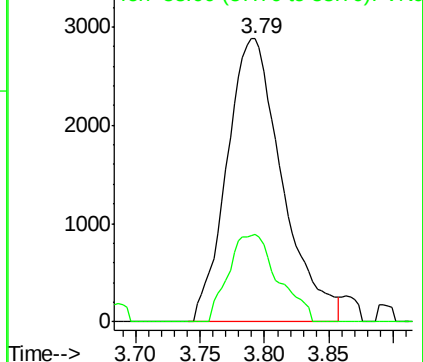


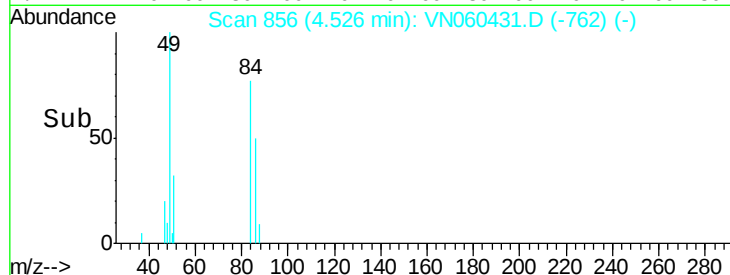
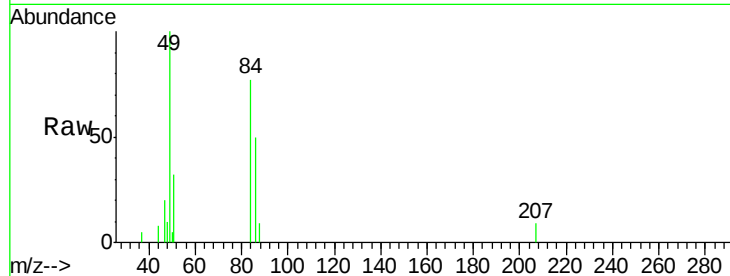
#16
Acetone
Concen: 10.580 ug/l
RT: 3.79 min Scan# 628
Delta R.T. 0.01 min
Lab File: VN060431.D
Acq: 10 Mar 2020 20:41

Tgt Ion: 43 Resp: 8599
Ion Ratio Lower Upper
43 100
58 30.8 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

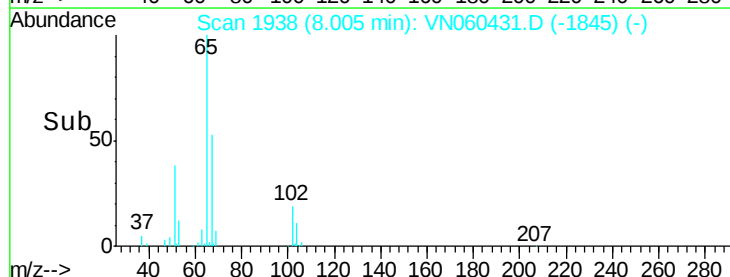
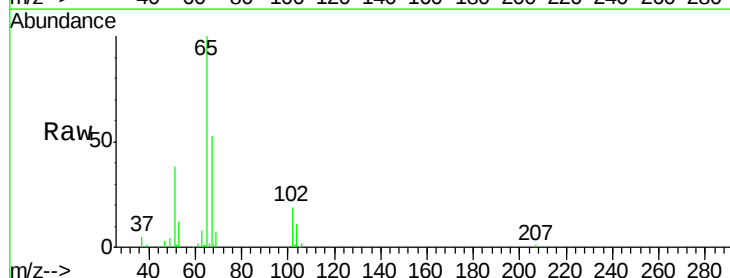
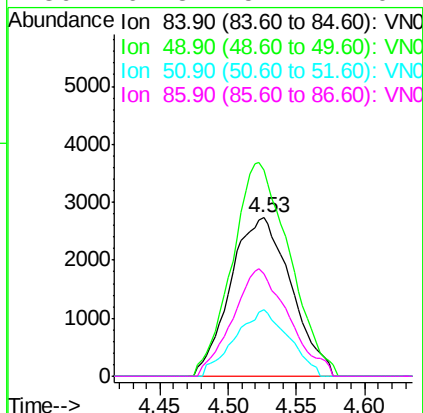




#20
Methylene Chloride
Concen: 3.779 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060431.D
Acq: 10 Mar 2020 20:41

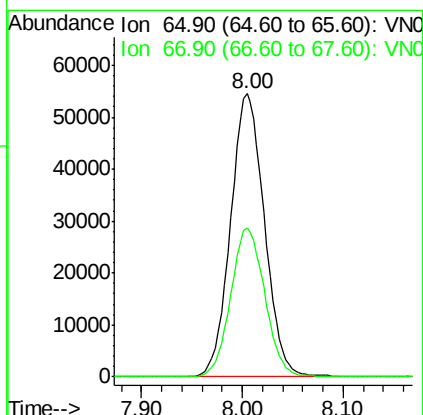
Instrument :
MSVOA_N
ClientSampled :
TP-3-D

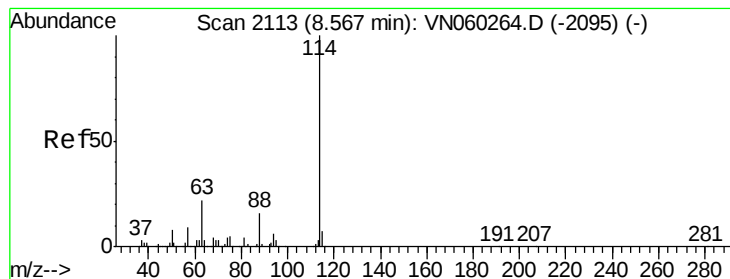
Tot Ion:	84	Resp:	8435
Ion	Ratio	Lower	Upper
84	100		
49	130.0	99.3	148.9
51	41.7	30.1	45.1
86	64.8	51.1	76.7



#33
1,2-Dichloroethane-d4
Concen: 50.563 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060431.D
Acq: 10 Mar 2020 20:41

Tgt Ion:	65	Resp:	127261
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: VN060431.D

Acq: 10 Mar 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

TP-3-D

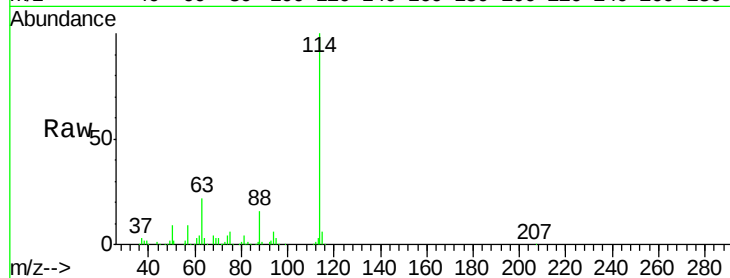
Tot Ion:114 Resp: 321998

Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.2

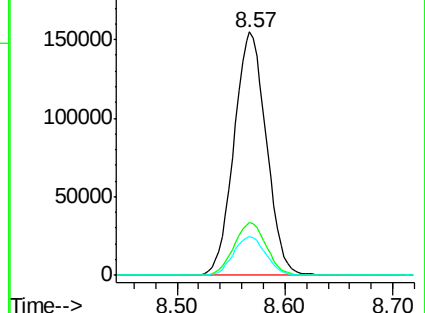
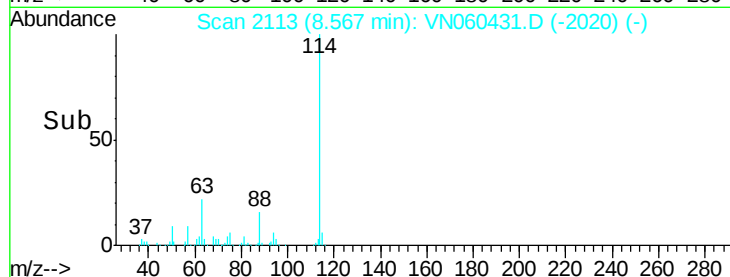
88 16.0 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 63.929 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060431.D

Acq: 10 Mar 2020 20:41

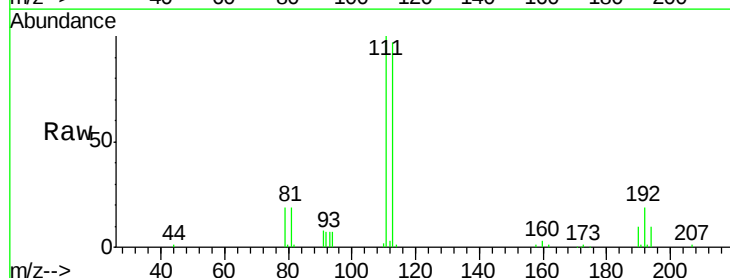
Tgt Ion:113 Resp: 95549

Ion Ratio Lower Upper

113 100

111 103.3 82.4 123.6

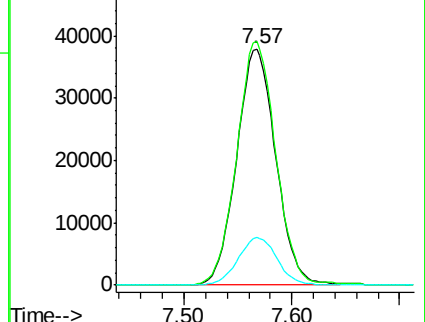
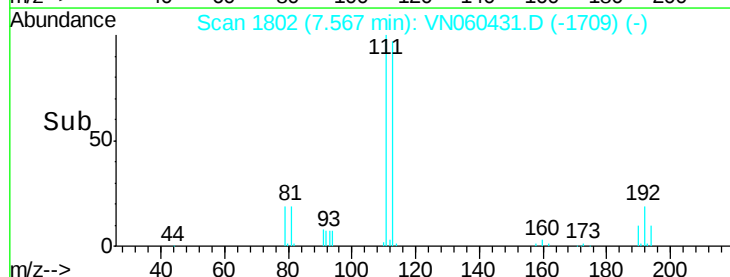
192 20.0 16.2 24.2



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: 10.373 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN060431.D

Acq: 10 Mar 2020 20:41

Instrument :

MSVOA_N

ClientSampled :

TP-3-D

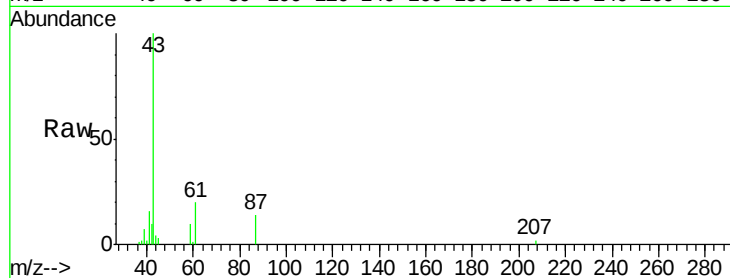
Tot Ion: 43 Resp: 52766

Ion Ratio Lower Upper

43 100

61 19.6 20.9 31.3#

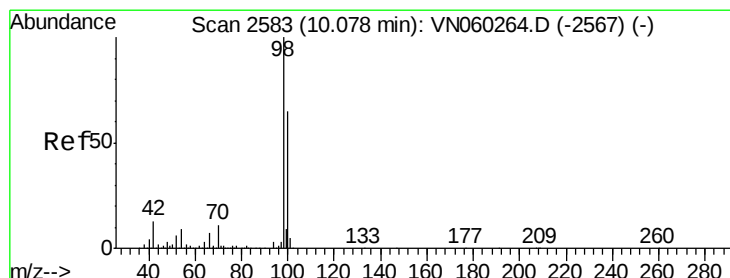
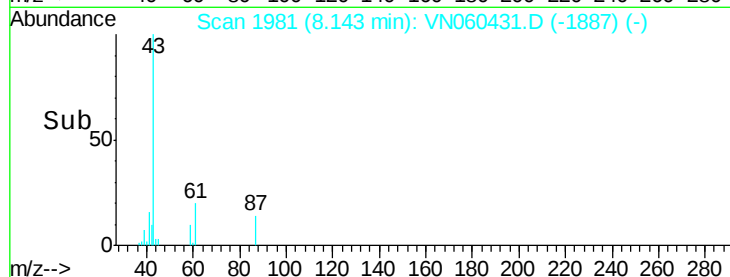
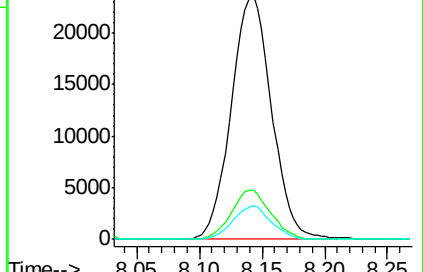
87 12.9 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VN060431.D (-1959) (-)

Ion 61.00 (60.70 to 61.70): VN060431.D (-1959) (-)

Ion 87.00 (86.70 to 87.70): VN060431.D (-1959) (-)



#50

Toluene-d8

Concen: 53.187 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060431.D

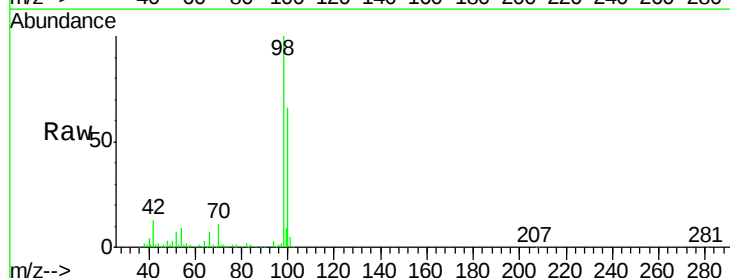
Acq: 10 Mar 2020 20:41

Tgt Ion: 98 Resp: 402331

Ion Ratio Lower Upper

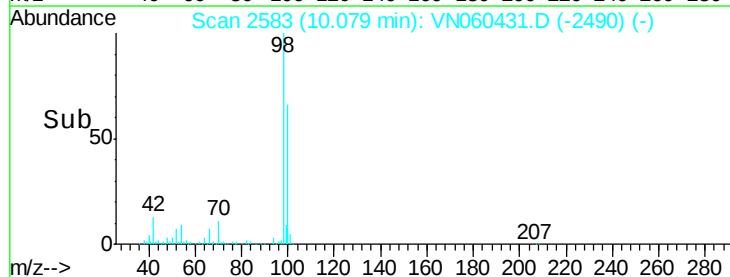
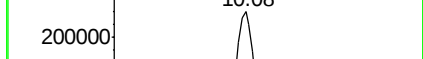
98 100

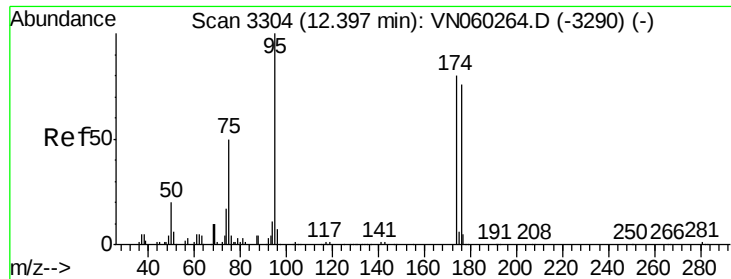
100 65.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN060431.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN060431.D (-2490) (-)

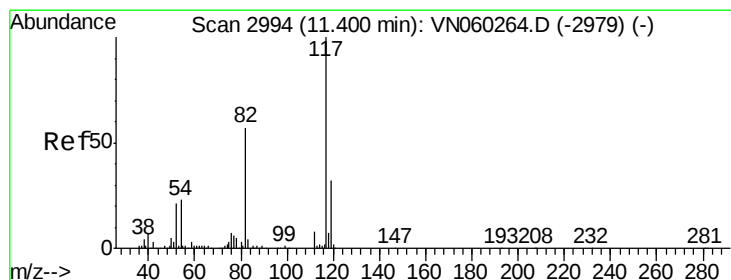
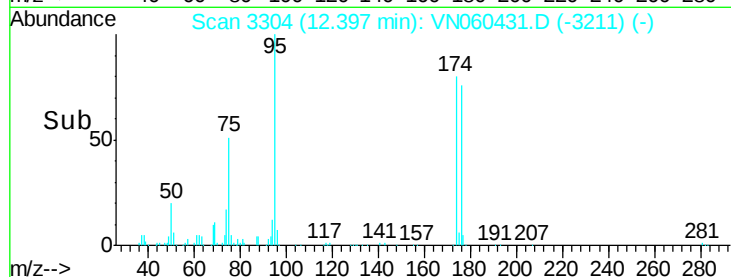
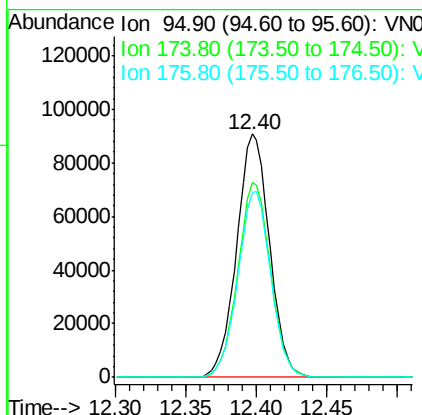
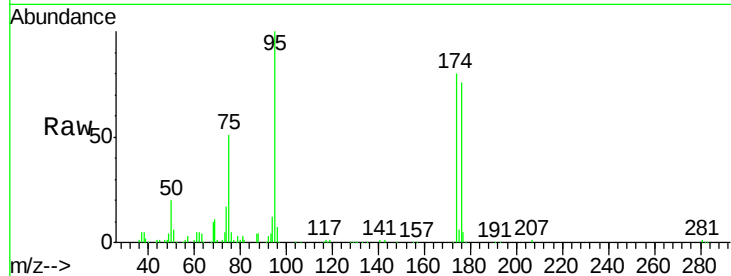




#62
4-Bromofluorobenzene
Concen: 51.743 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN060431.D
Acq: 10 Mar 2020 20:41

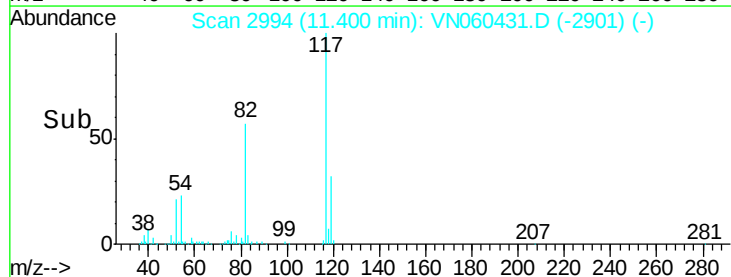
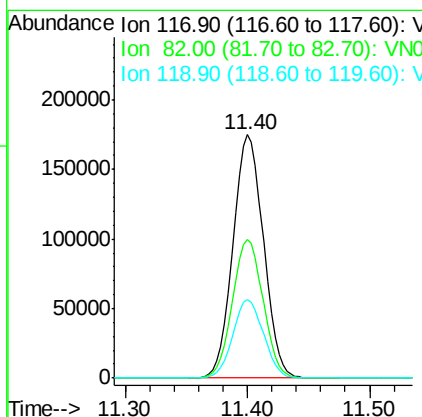
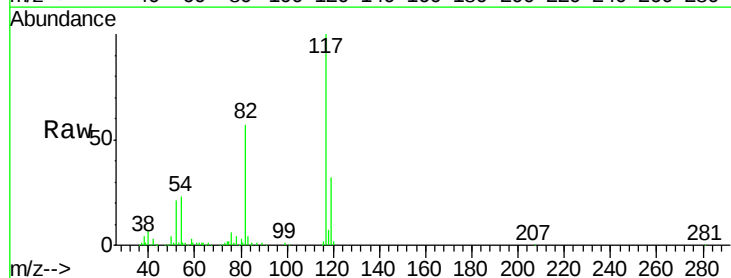
Instrument :
MSVOA_N
ClientSampleId :
TP-3-D

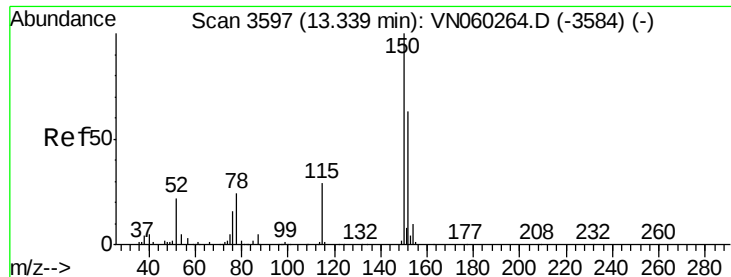
Tot Ion: 95 Resp: 148373
Ion Ratio Lower Upper
95 100
174 80.0 0.0 159.2
176 76.5 0.0 153.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060431.D
Acq: 10 Mar 2020 20:41

Tgt Ion: 117 Resp: 303653
Ion Ratio Lower Upper
117 100
82 56.8 45.8 68.6
119 32.5 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: VN060431.D

Acq: 10 Mar 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

TP-3-D

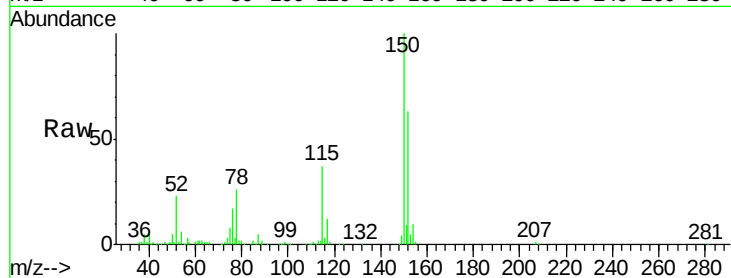
Tot Ion:152 Resp: 140268

Ion Ratio Lower Upper

152 100

115 59.6 30.0 90.0

150 157.4 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

