

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031120\
 Data File : VN060456.D
 Acq On : 11 Mar 2020 17:28
 Operator : JC/MD
 Sample : L1873-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Quant Time: Mar 12 04:49:02 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

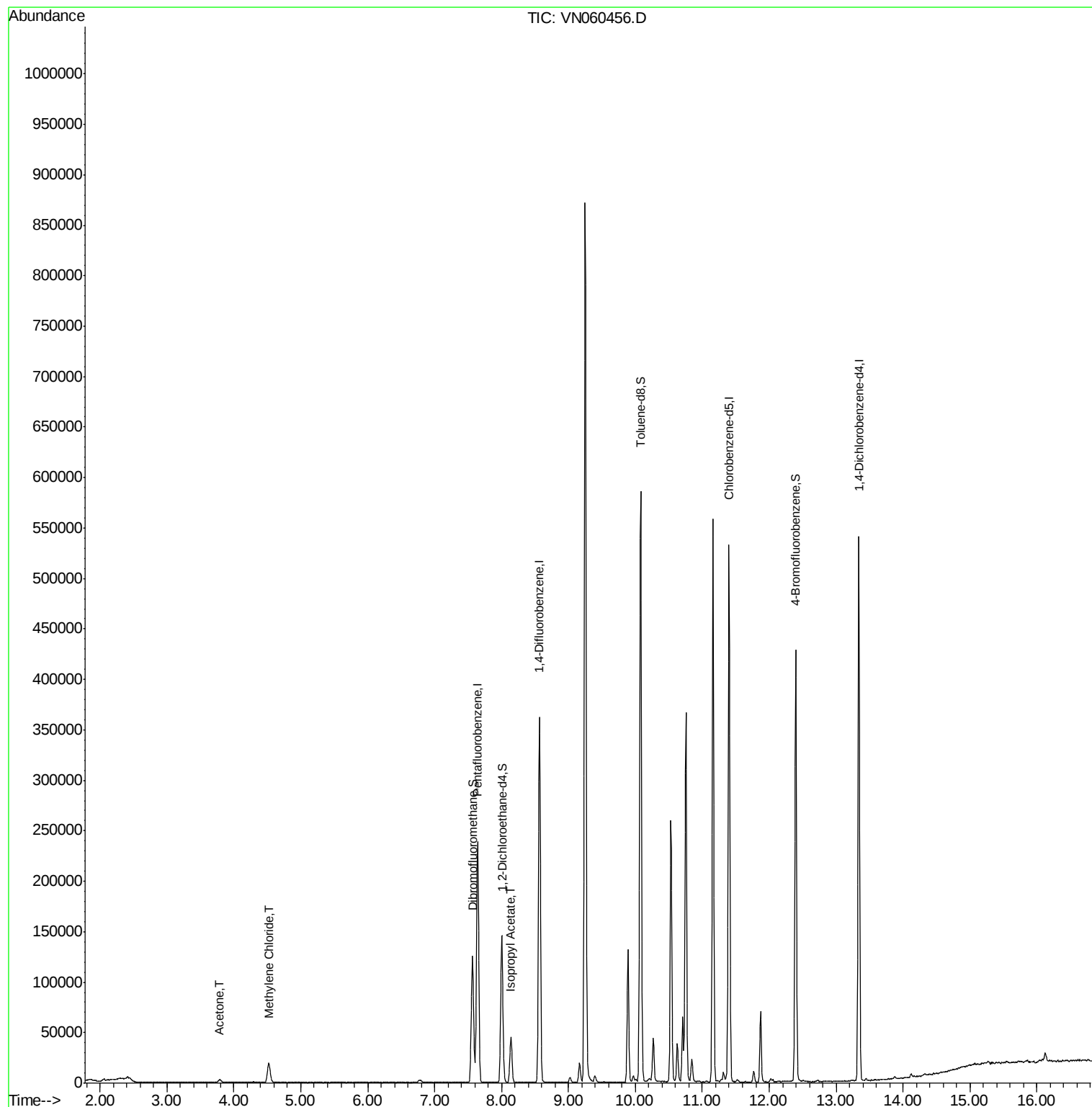
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	192973	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	320493	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	305070	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	141696	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	126507	51.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.20%	
35) Dibromofluoromethane	7.56	113	95410	64.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.28%	
50) Toluene-d8	10.08	98	392955	52.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.38%	
62) 4-Bromofluorobenzene	12.40	95	149574	52.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.82%	
Target Compounds						
16) Acetone	3.79	43	6294	7.872	ug/l	95
20) Methylene Chloride	4.53	84	14101	6.422	ug/l	91
43) Isopropyl Acetate	8.14	43	54180	10.701	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: VN060456.D

Acq: 11 Mar 2020 17:28

Instrument :

MSVOA_N

ClientSampled :

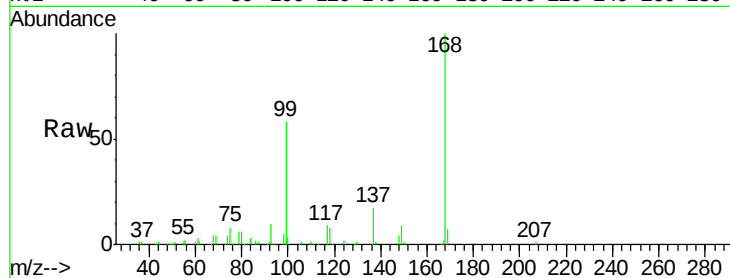
TP-1

Tot Ion:168 Resp: 192973

Ion Ratio Lower Upper

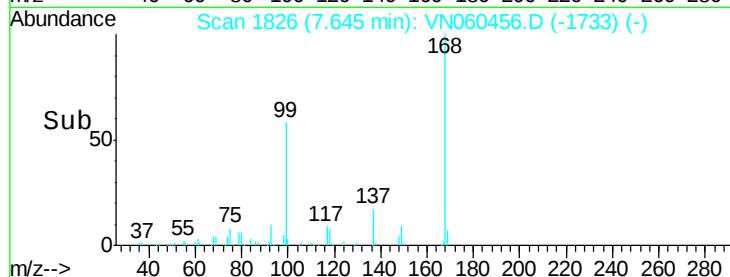
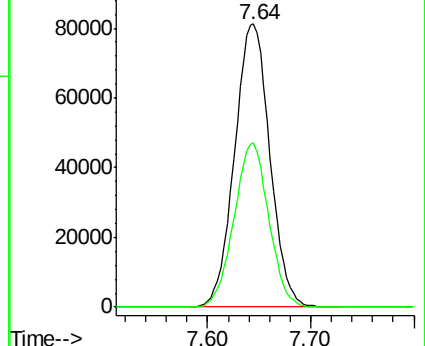
168 100

99 57.9 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 7.872 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060456.D

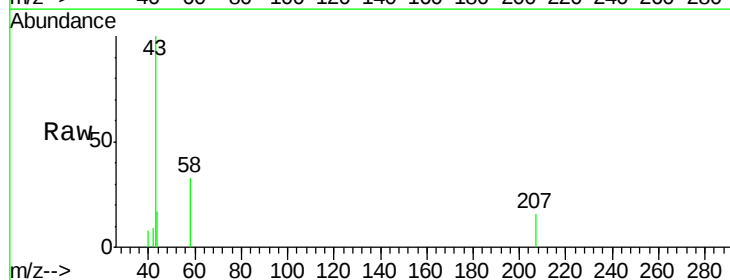
Acq: 11 Mar 2020 17:28

Tgt Ion: 43 Resp: 6294

Ion Ratio Lower Upper

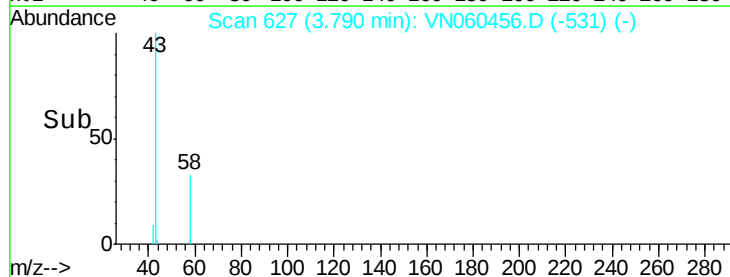
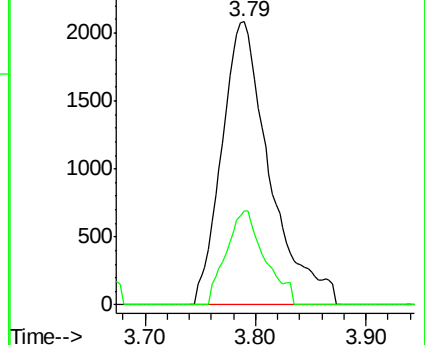
43 100

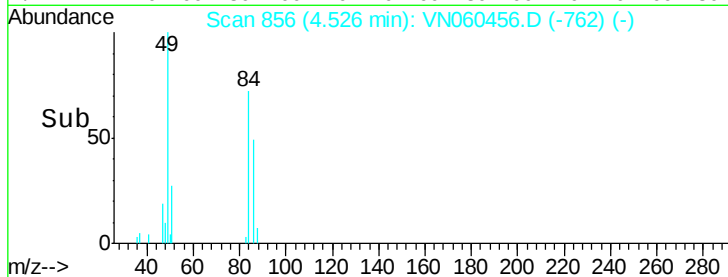
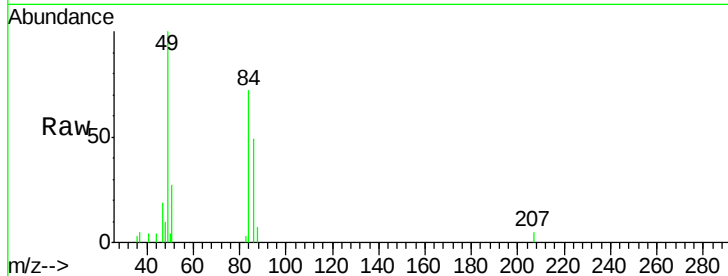
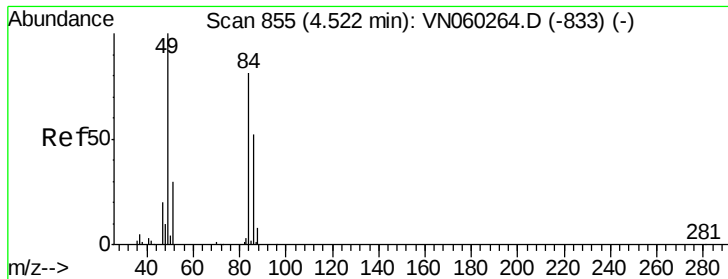
58 33.4 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





#20

Methylene Chloride

Concen: 6.422 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN060456.D

Acq: 11 Mar 2020 17:28

Instrument :

MSVOA_N

ClientSampled :

TP-1

Tot Ion: 84 Resp: 14101

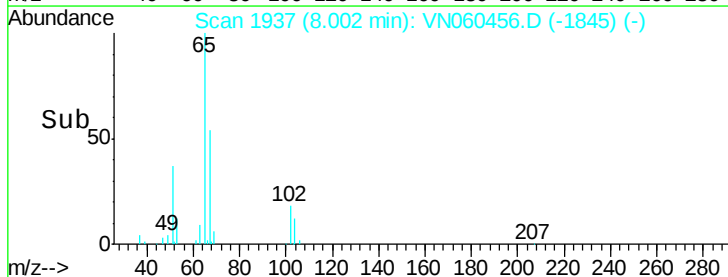
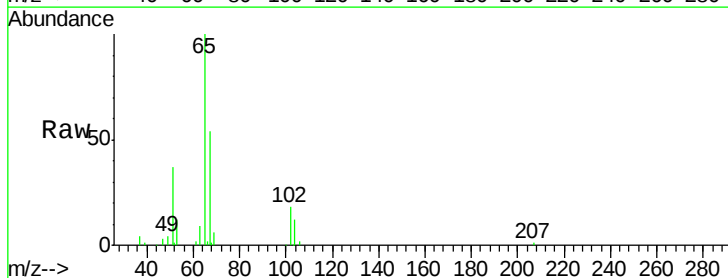
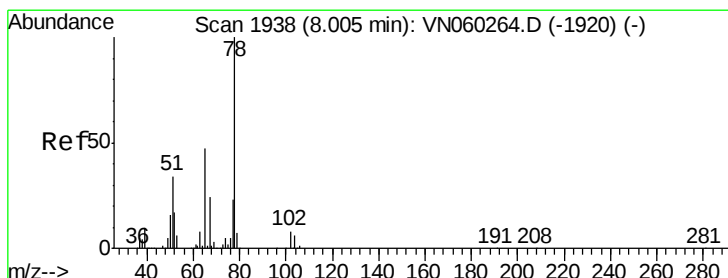
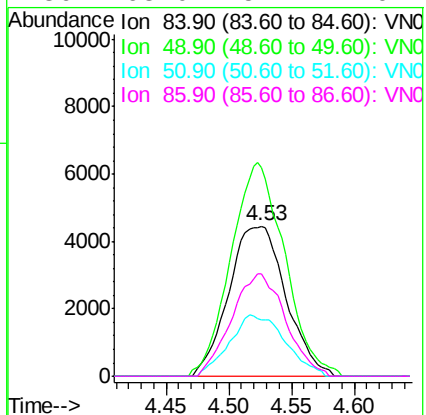
Ion Ratio Lower Upper

84 100

49 139.1 99.3 148.9

51 37.4 30.1 45.1

86 68.0 51.1 76.7



#33

1,2-Dichloroethane-d4

Concen: 51.096 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060456.D

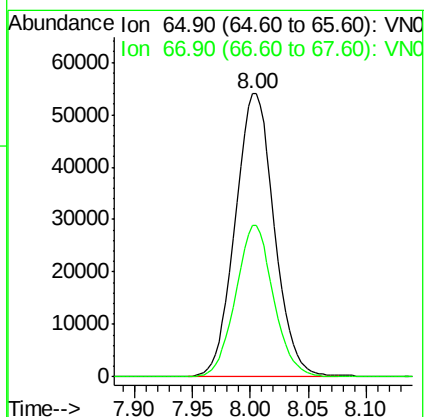
Acq: 11 Mar 2020 17:28

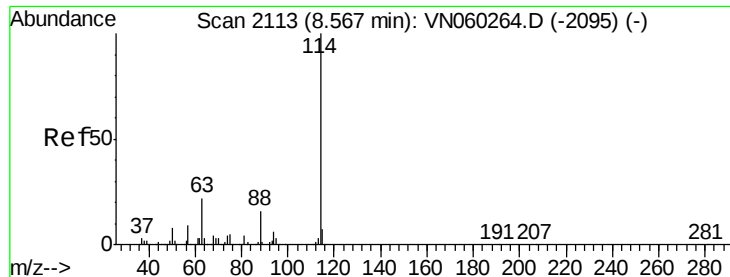
Tgt Ion: 65 Resp: 126507

Ion Ratio Lower Upper

65 100

67 51.8 0.0 103.8

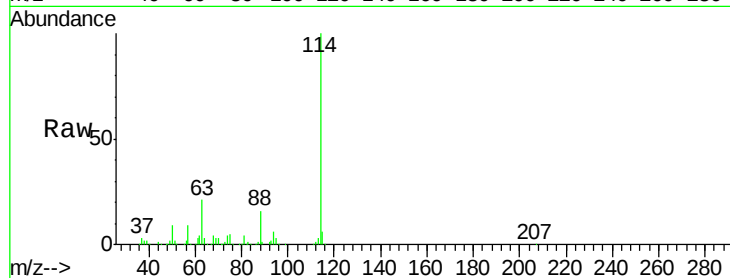




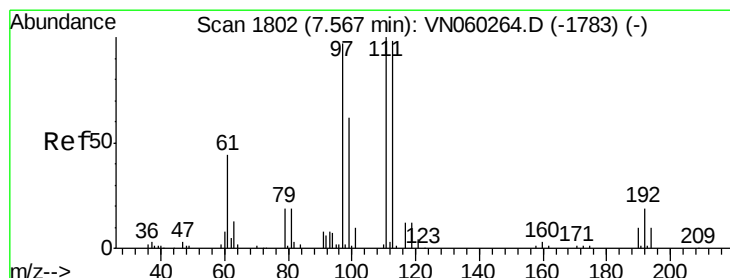
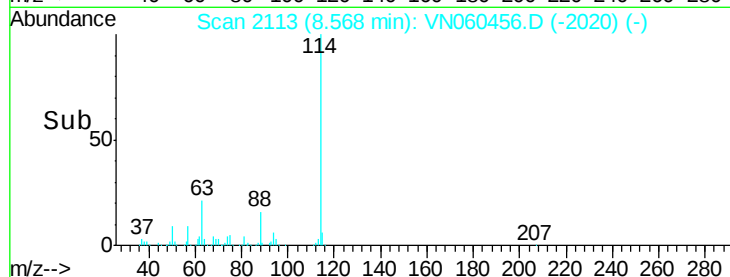
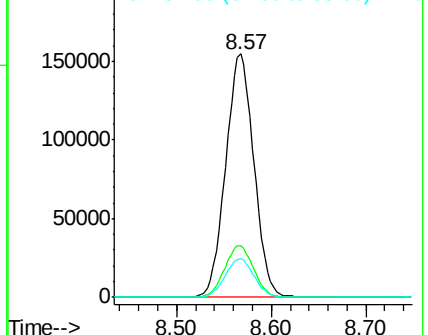
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN060456.D
Acq: 11 Mar 2020 17:28

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tot Ion:114 Resp: 320493
Ion Ratio Lower Upper
114 100
63 21.4 0.0 43.2
88 15.7 0.0 31.6

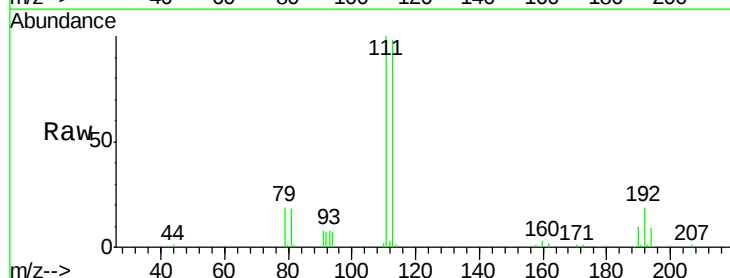


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

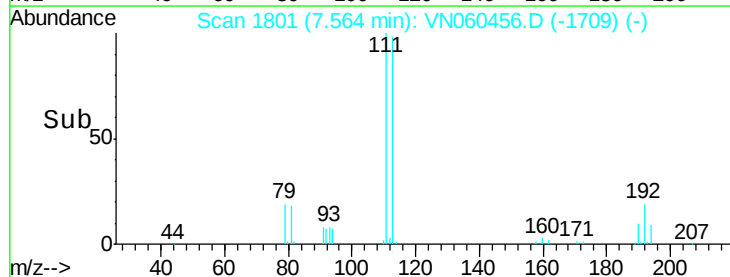
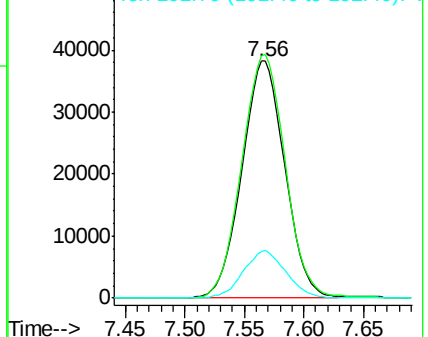


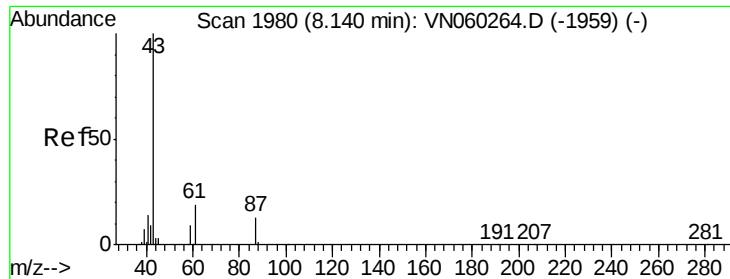
#35
Dibromofluoromethane
Concen: 64.136 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN060456.D
Acq: 11 Mar 2020 17:28

Tgt Ion:113 Resp: 95410
Ion Ratio Lower Upper
113 100
111 104.6 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: 10.701 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060456.D

Acq: 11 Mar 2020 17:28

Instrument :

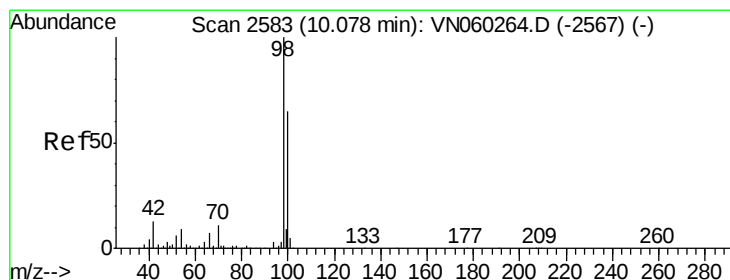
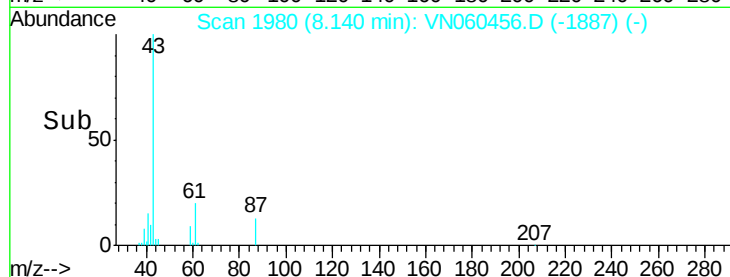
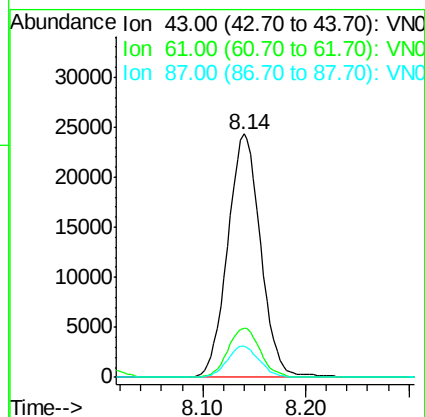
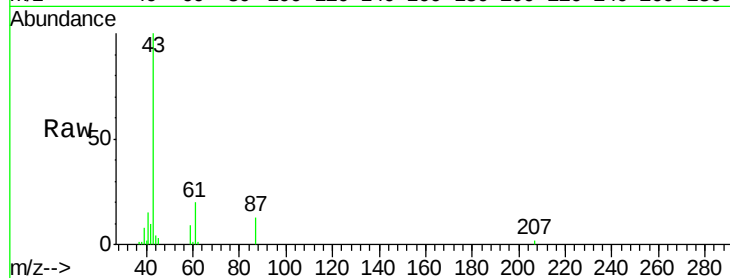
MSVOA_N

ClientSampleId :

TP-1

Tot Ion: 43 Resp: 54180

Ion	Ratio	Lower	Upper
43	100		
61	19.7	20.9	31.3#
87	12.3	10.6	16.0



#50

Toluene-d8

Concen: 52.192 ug/l

RT: 10.08 min Scan# 2583

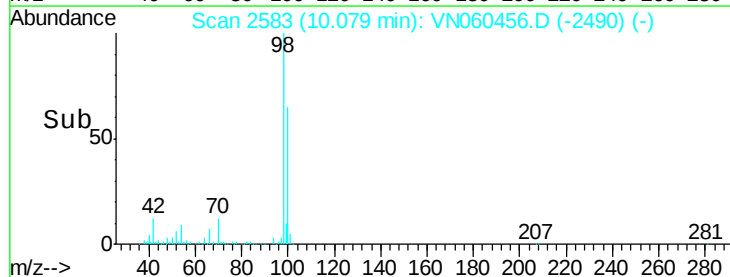
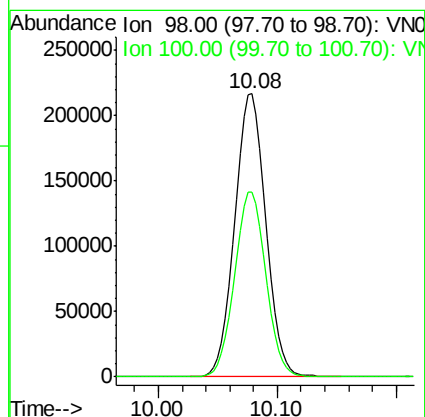
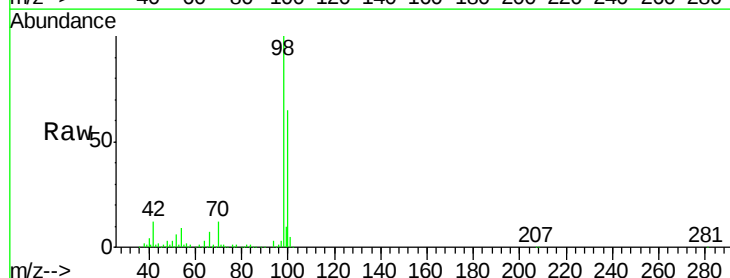
Delta R.T. 0.00 min

Lab File: VN060456.D

Acq: 11 Mar 2020 17:28

Tgt Ion: 98 Resp: 392955

Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.2	78.2

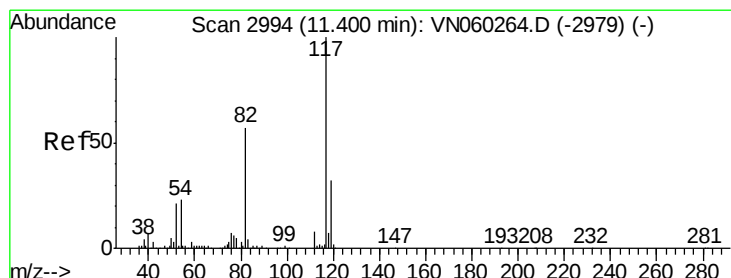
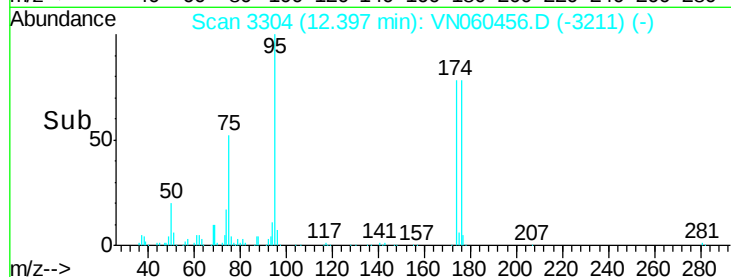
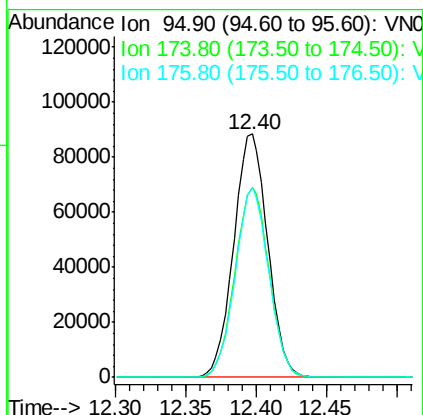
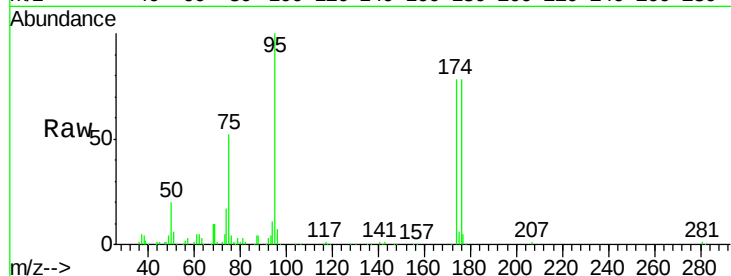




#62
4-Bromofluorobenzene
Concen: 52.407 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN060456.D
Acq: 11 Mar 2020 17:28

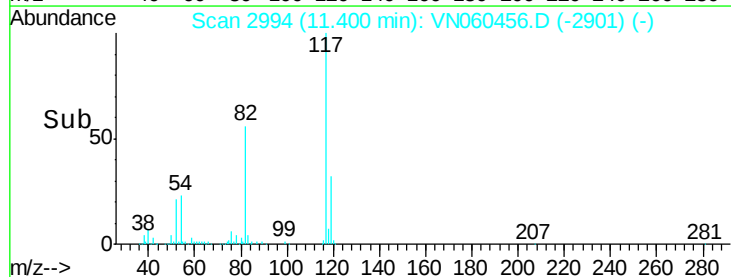
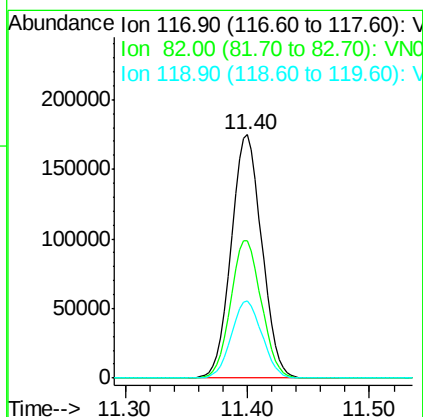
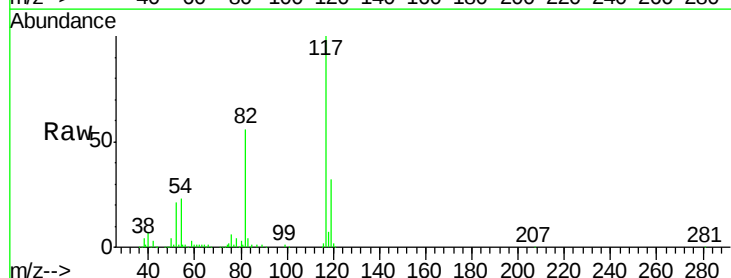
Instrument :
MSVOA_N
ClientSampleId :
TP-1

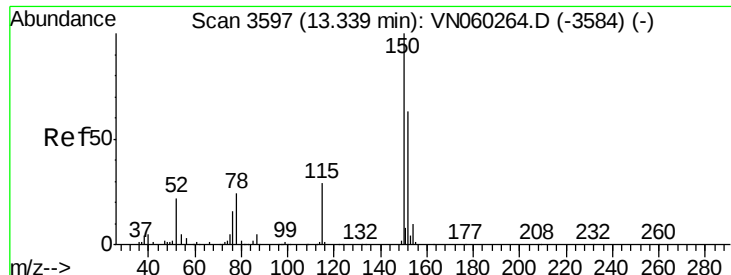
Tot Ion: 95 Resp: 149574
Ion Ratio Lower Upper
95 100
174 78.3 0.0 159.2
176 76.6 0.0 153.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060456.D
Acq: 11 Mar 2020 17:28

Tgt Ion: 117 Resp: 305070
Ion Ratio Lower Upper
117 100
82 56.3 45.8 68.6
119 31.6 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: VN060456.D

Acq: 11 Mar 2020 17:28

Instrument :

MSVOA_N

ClientSampleId :

TP-1

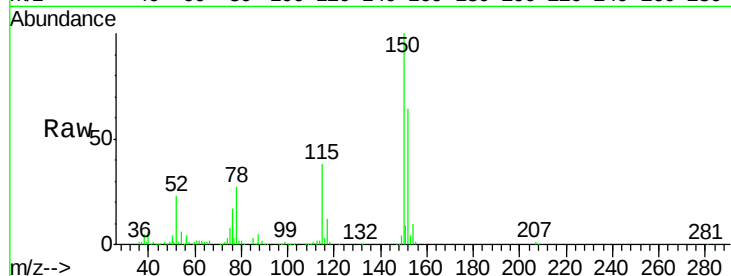
Tot Ion:152 Resp: 141696

Ion Ratio Lower Upper

152 100

115 59.8 30.0 90.0

150 157.1 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

