

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040620\
 Data File : VN060849.D
 Acq On : 6 Apr 2020 14:27
 Operator : JC/MD
 Sample : L2129-19
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4

Quant Time: Apr 07 08:06:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

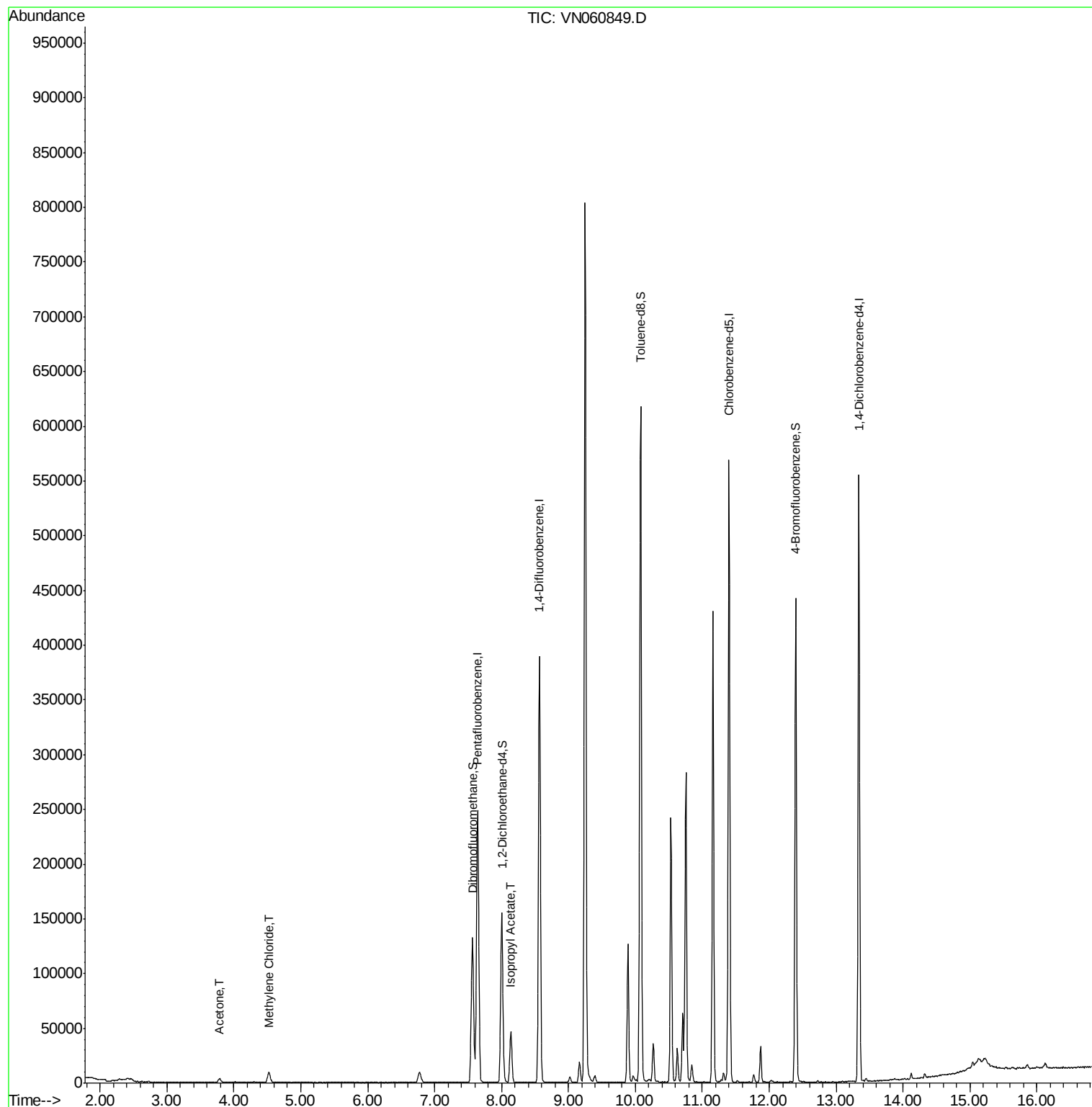
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	204984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	343322	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	323299	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	145673	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	133464	47.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.86%	
35) Dibromofluoromethane	7.56	113	103163	49.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.38%	
50) Toluene-d8	10.08	98	424596	50.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.14%	
62) 4-Bromofluorobenzene	12.40	95	157525	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
Target Compounds						
16) Acetone	3.79	43	7137	7.160	ug/l	93
20) Methylene Chloride	4.52	84	7030	2.867	ug/l	95
43) Isopropyl Acetate	8.14	43	55641	9.392	ug/l #	91

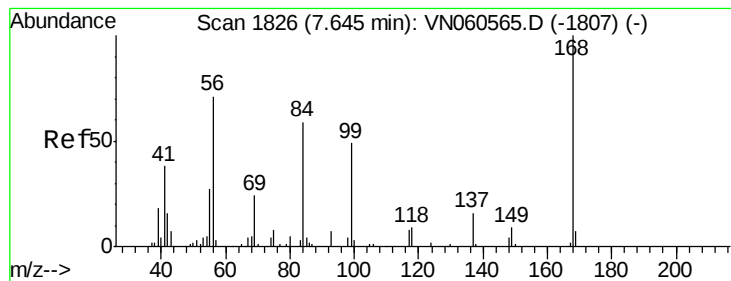
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060849.D

Acq: 6 Apr 2020 14:27

Instrument :

MSVOA_N

ClientSampleId :

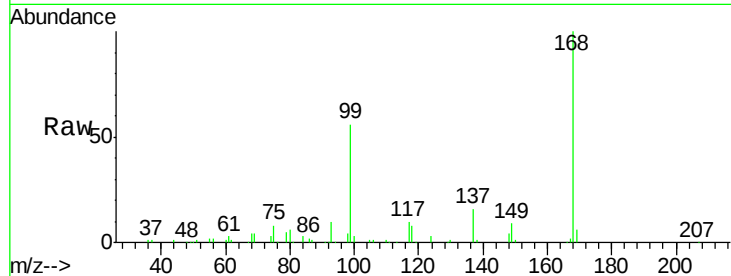
TP-4

Tot Ion:168 Resp: 204984

Ion Ratio Lower Upper

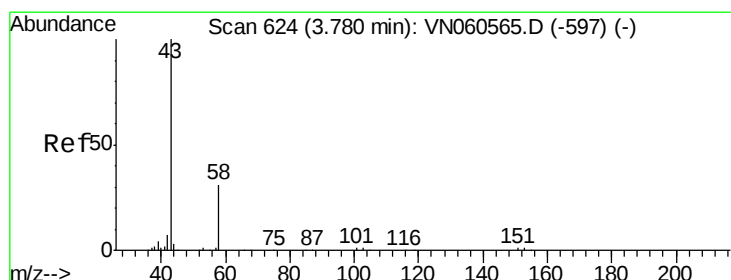
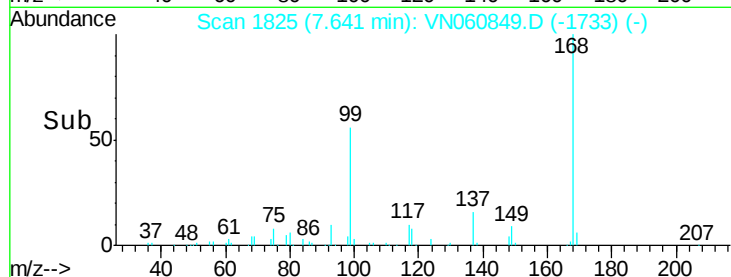
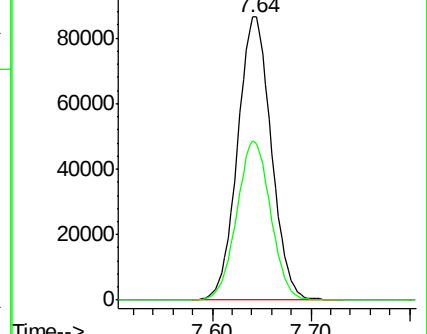
168 100

99 56.4 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 7.160 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060849.D

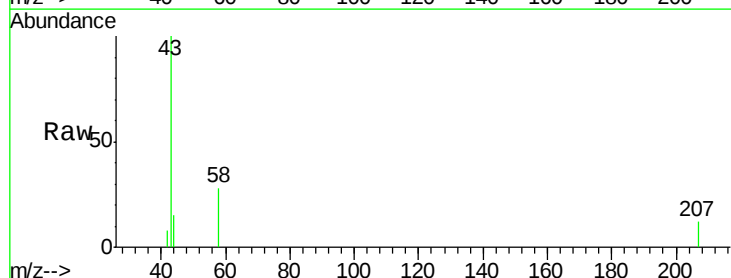
Acq: 6 Apr 2020 14:27

Tgt Ion: 43 Resp: 7137

Ion Ratio Lower Upper

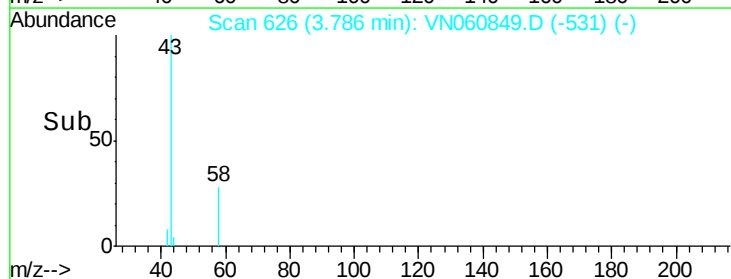
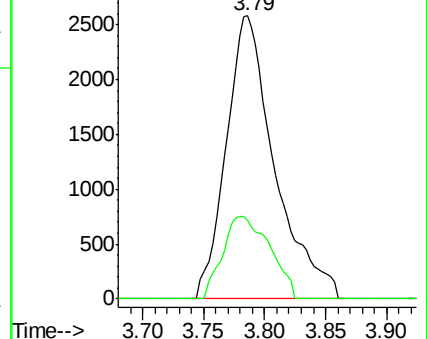
43 100

58 27.6 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

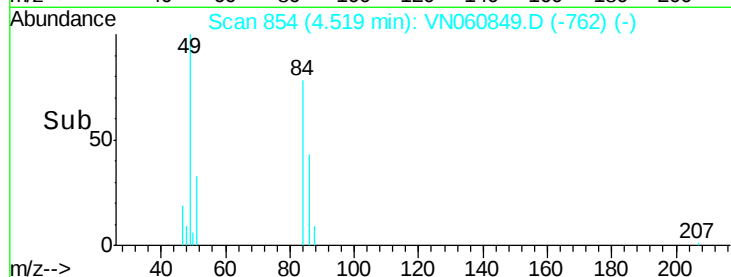
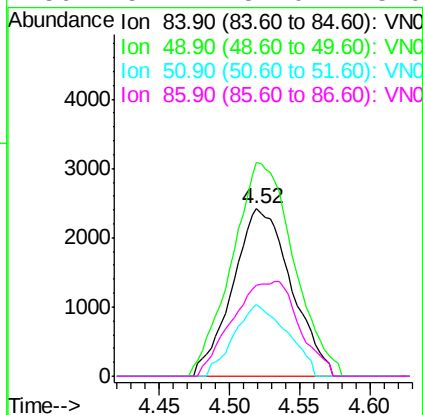
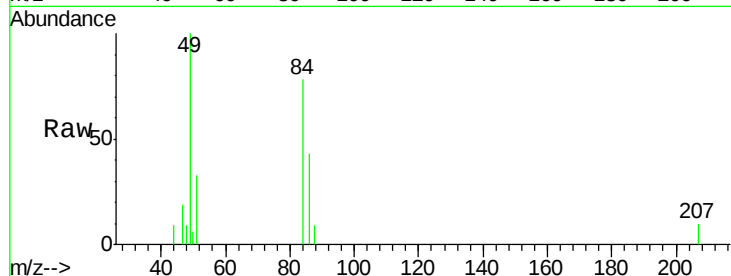




#20
Methylene Chloride
Concen: 2.867 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060849.D
Acq: 6 Apr 2020 14:27

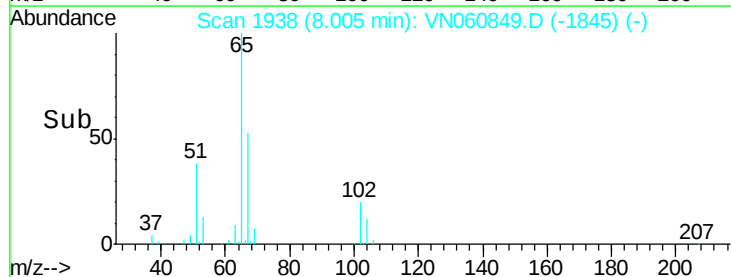
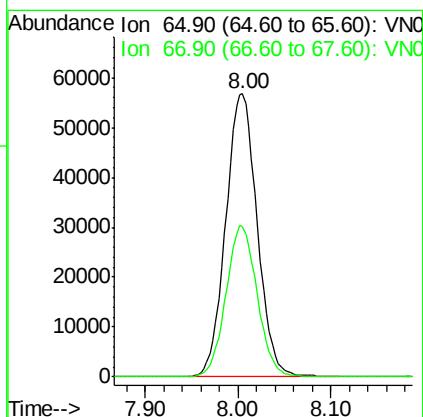
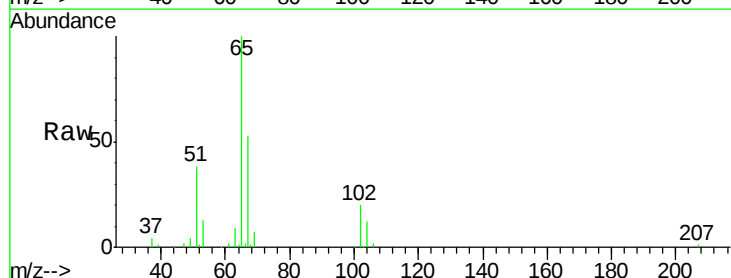
Instrument :
MSVOA_N
ClientSampled :
TP-4

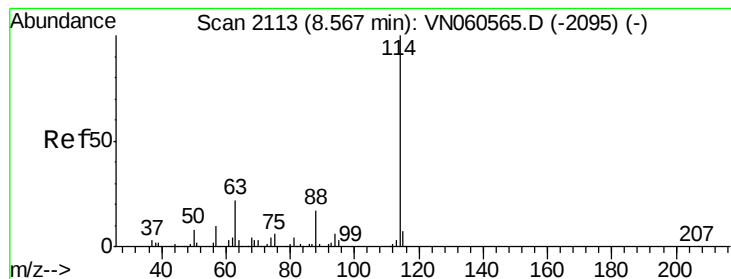
Tot Ion:	84	Resp:	7030
Ion	Ratio	Lower	Upper
84	100		
49	127.6	103.3	154.9
51	42.6	31.6	47.4
86	54.4	52.0	78.0



#33
1,2-Dichloroethane-d4
Concen: 47.429 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN060849.D
Acq: 6 Apr 2020 14:27

Tgt Ion:	65	Resp:	133464
Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	107.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN060849.D

Acq: 6 Apr 2020 14:27

Instrument :

MSVOA_N

ClientSampleId :

TP-4

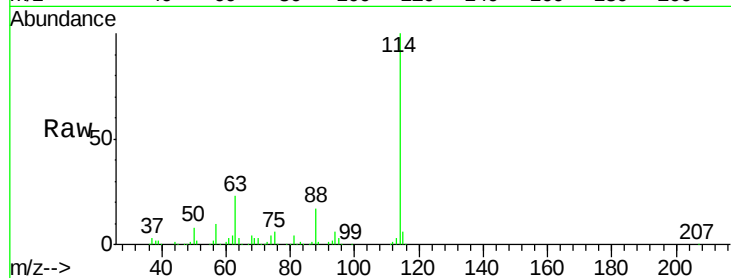
Tot Ion:114 Resp: 343322

Ion Ratio Lower Upper

114 100

63 22.7 0.0 43.8

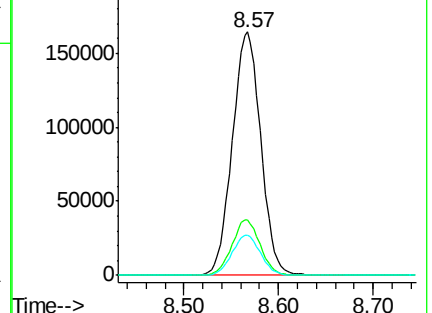
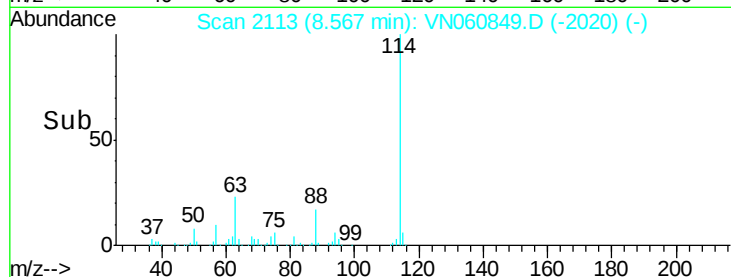
88 16.7 0.0 33.0



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: 49.694 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060849.D

Acq: 6 Apr 2020 14:27

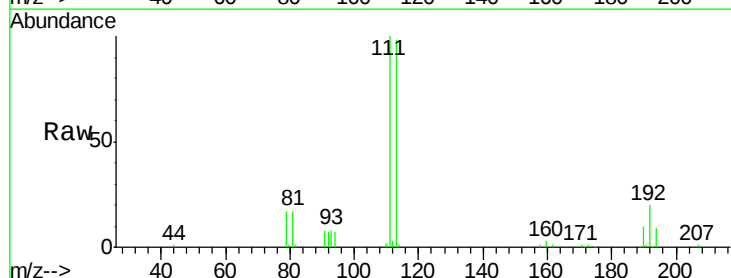
Tgt Ion:113 Resp: 103163

Ion Ratio Lower Upper

113 100

111 102.1 82.9 124.3

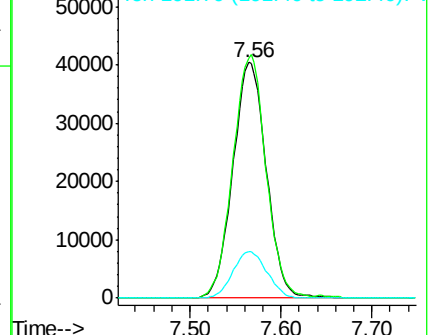
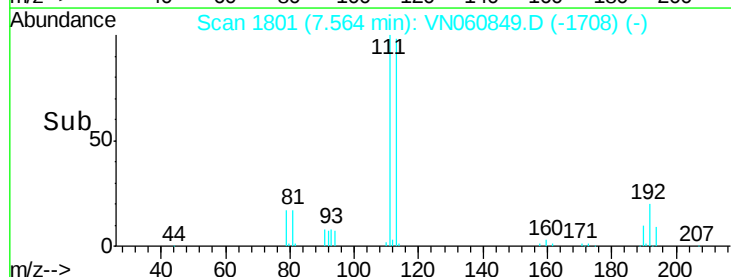
192 20.1 15.8 23.8



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: 9.392 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060849.D

Acq: 6 Apr 2020 14:27

Instrument :

MSVOA_N

ClientSampleId :

TP-4

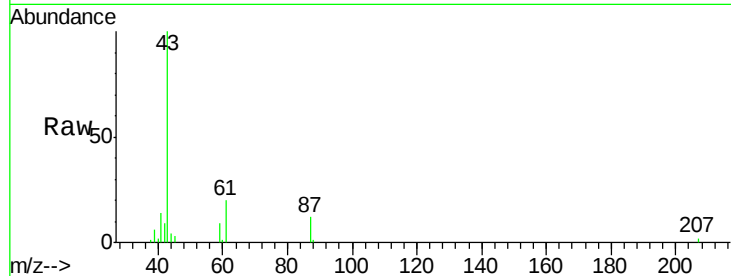
Tot Ion: 43 Resp: 55641

Ion Ratio Lower Upper

43 100

61 19.4 20.7 31.1#

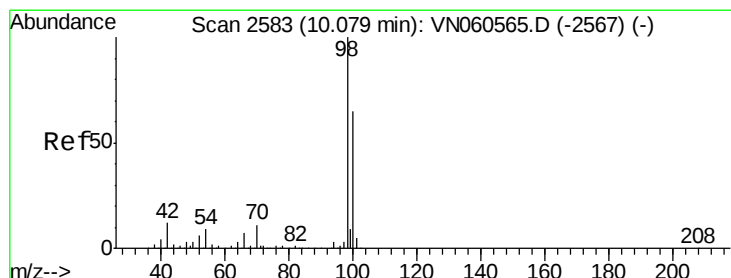
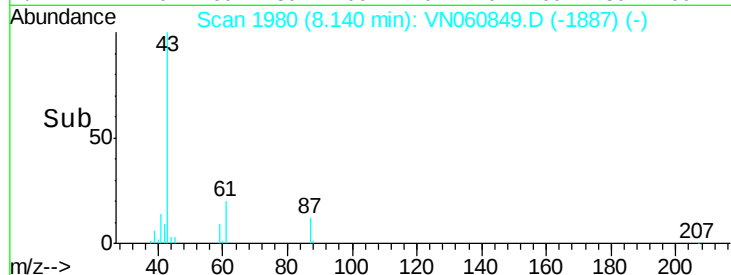
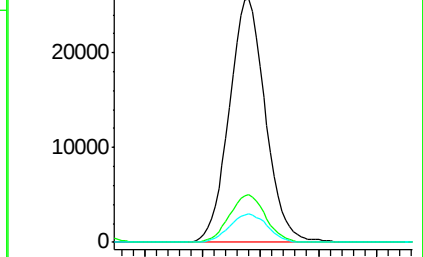
87 11.9 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VN060849.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN060849.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN060849.D (-1887) (-)



#50

Toluene-d8

Concen: 50.073 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060849.D

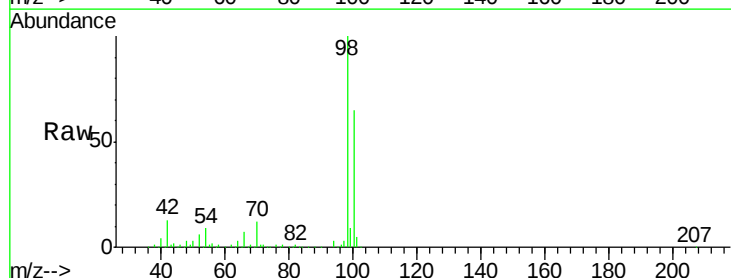
Acq: 6 Apr 2020 14:27

Tgt Ion: 98 Resp: 424596

Ion Ratio Lower Upper

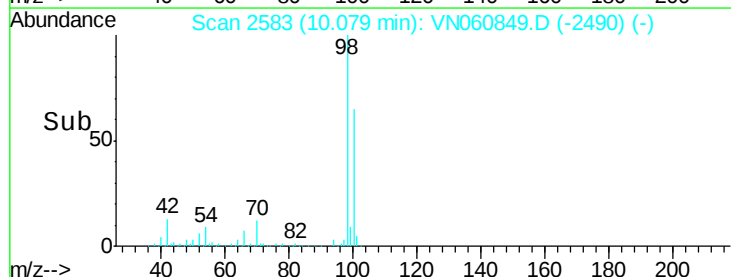
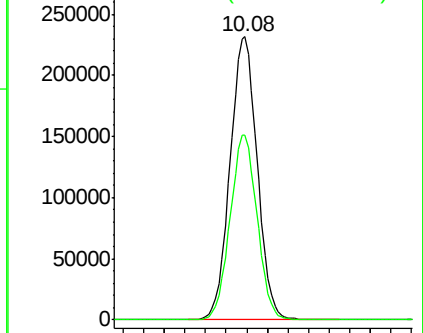
98 100

100 65.2 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN060849.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN060849.D (-2490) (-)

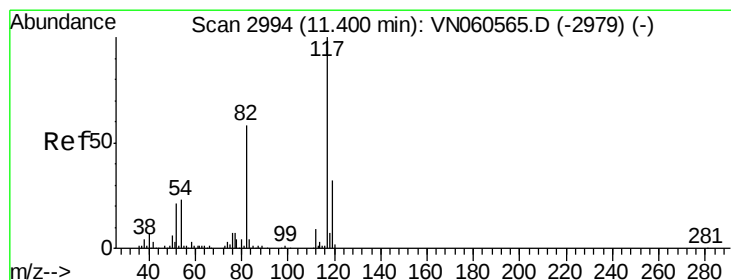
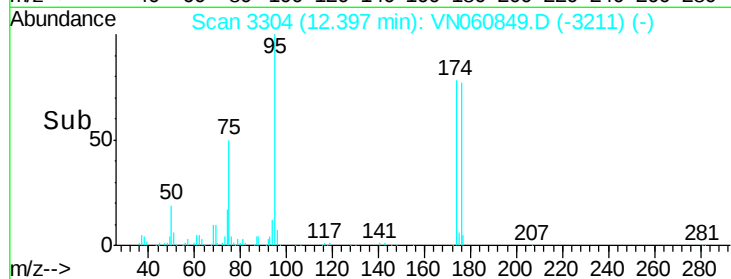
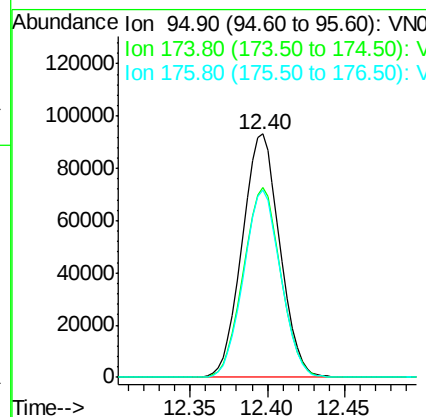
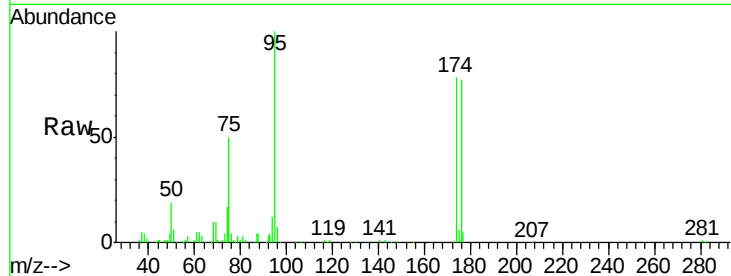




#62
4-Bromofluorobenzene
Concen: 50.690 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN060849.D
Acq: 6 Apr 2020 14:27

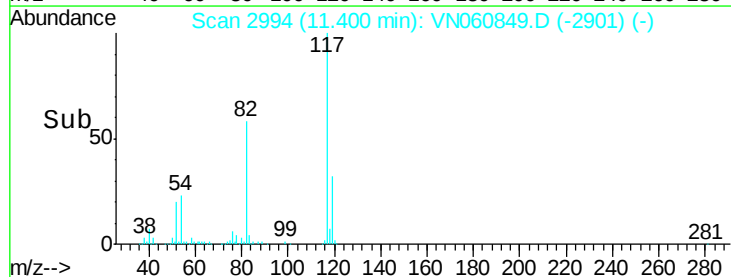
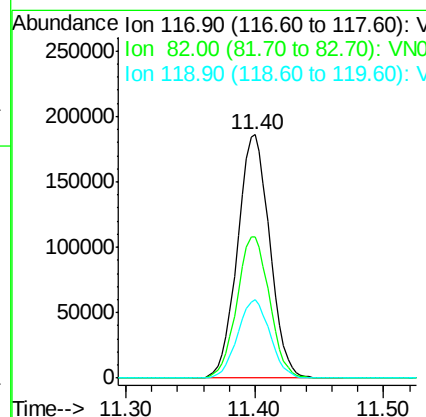
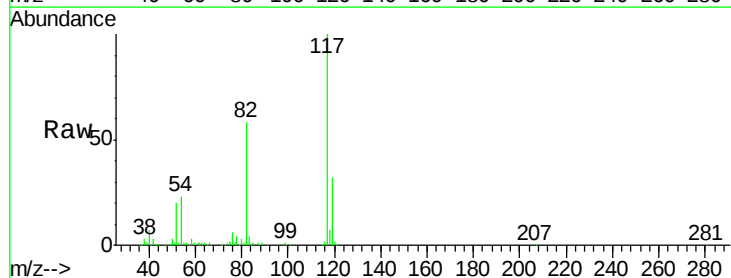
Instrument :
MSVOA_N
ClientSampleId :
TP-4

Tot Ion	Ratio	Lower	Upper
95	100		
174	77.5	0.0	157.6
176	75.9	0.0	150.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060849.D
Acq: 6 Apr 2020 14:27

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.1	46.7	70.1
119	32.0	25.5	38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060849.D

Acq: 6 Apr 2020 14:27

Instrument :

MSVOA_N

ClientSampleId :

TP-4

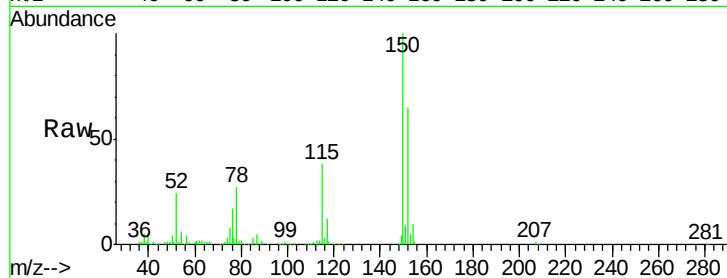
Tot Ion:152 Resp: 145673

Ion Ratio Lower Upper

152 100

115 59.1 30.2 90.6

150 156.3 0.0 350.2



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

