

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100820\
 Data File : VN064015.D
 Acq On : 9 Oct 2020 2:53
 Operator : JC/MD
 Sample : PB132189ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132189ZHE#04

Quant Time: Oct 09 07:34:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

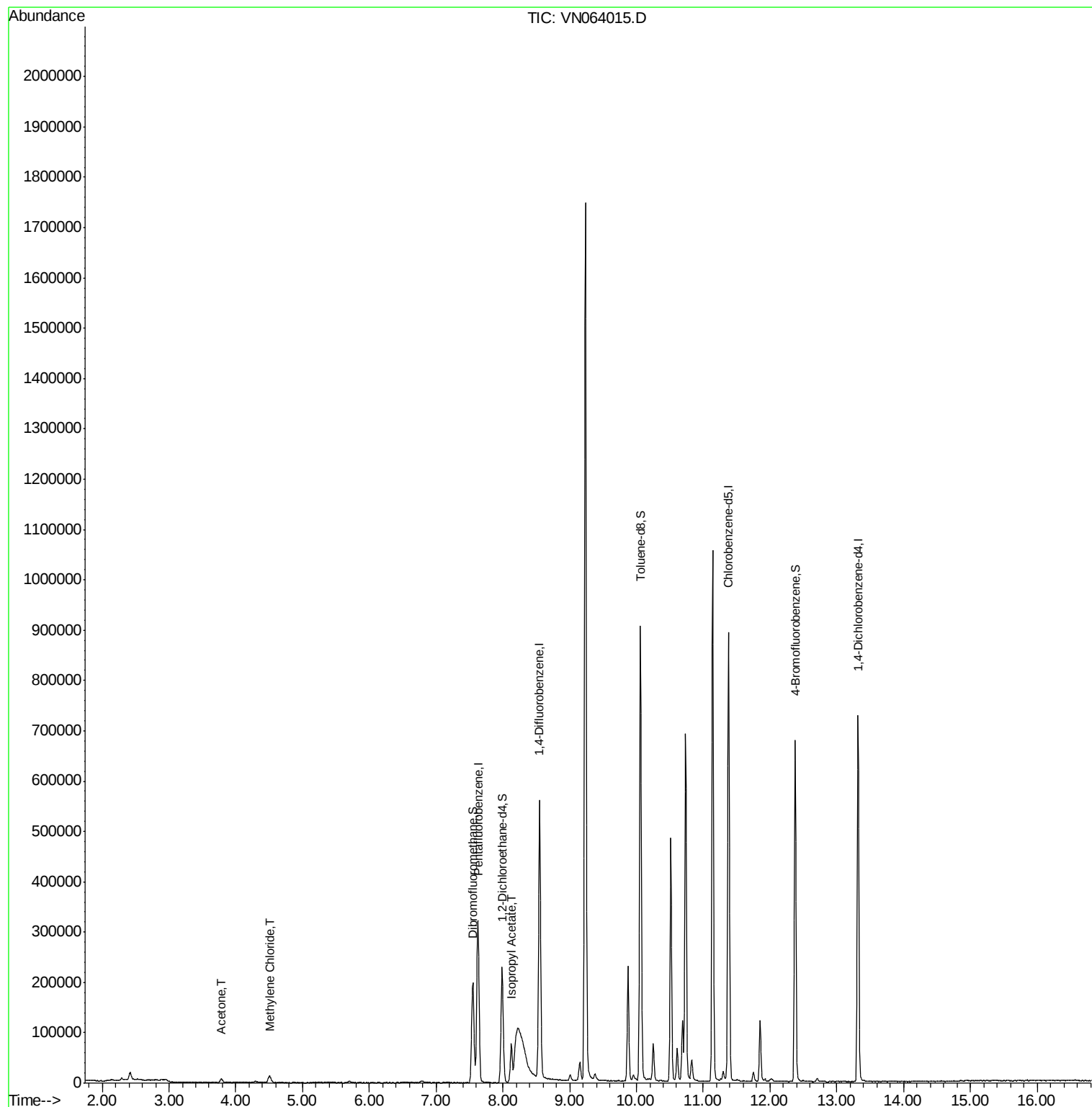
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	244533	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	465711	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	477096	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	184741	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	205882	50.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.92%	
35) Dibromofluoromethane	7.55	113	149500	46.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.52%	
50) Toluene-d8	10.06	98	587629	47.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.94%	
62) 4-Bromofluorobenzene	12.38	95	226647	49.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.44%	
Target Compounds						
16) Acetone	3.78	43	14157	11.384	ug/l #	87
20) Methylene Chloride	4.51	84	9487	3.422	ug/l	81
43) Isopropyl Acetate	8.13	43	88244	11.413	ug/l	97

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

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Quant Time: Oct 09 07:34:11 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064015.D

Acq: 9 Oct 2020 2:53

Instrument :

MSVOA_N

ClientSampleId :

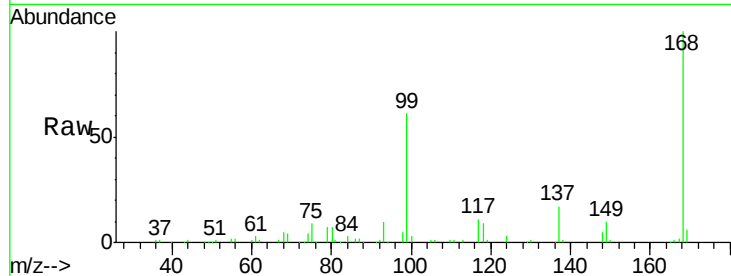
PB132189ZHE#04

Tot Ion:168 Resp: 244533

Ion Ratio Lower Upper

168 100

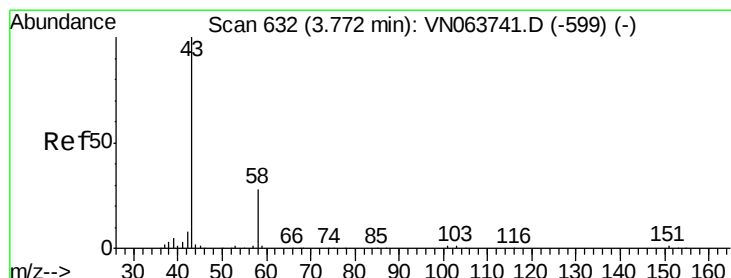
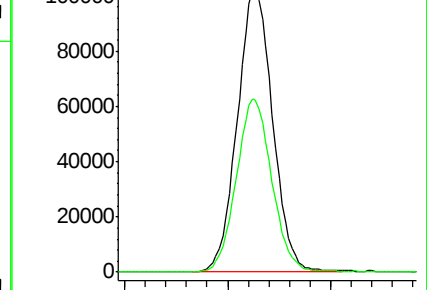
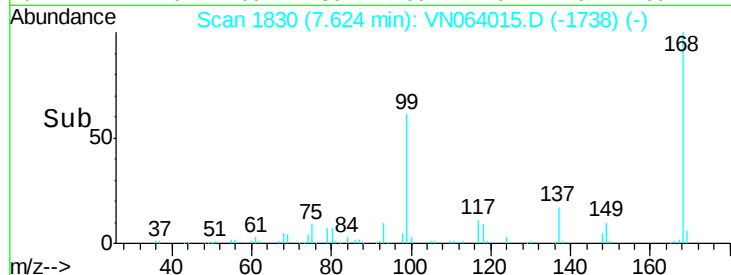
99 61.2 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): VN064015.D (-1738) (-)

Ion 98.90 (98.60 to 99.60): VN064015.D (-1738) (-)

7.62



#16

Acetone

Concen: 11.384 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN064015.D

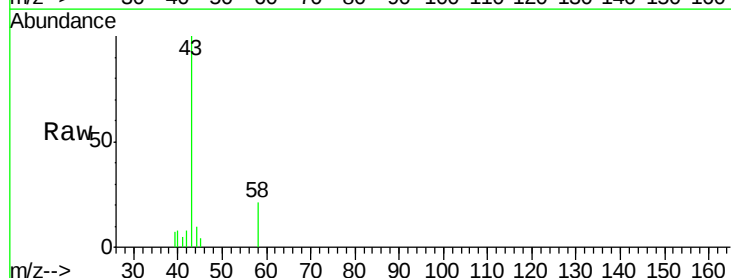
Acq: 9 Oct 2020 2:53

Tgt Ion: 43 Resp: 14157

Ion Ratio Lower Upper

43 100

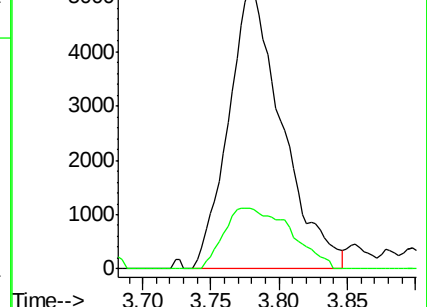
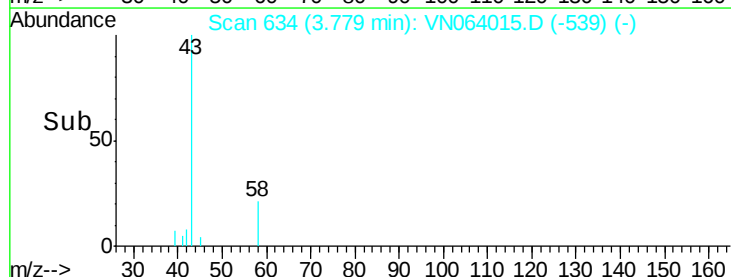
58 21.2 22.3 33.5#

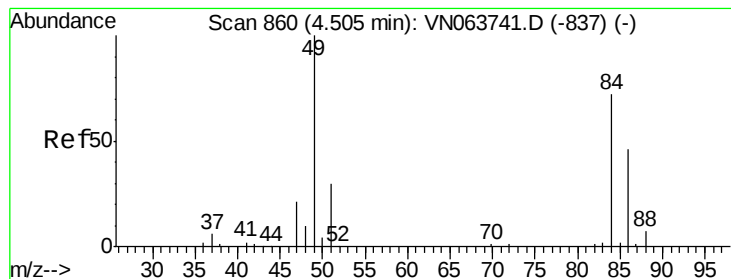


Abundance Ion 43.00 (42.70 to 43.70): VN064015.D (-539) (-)

Ion 58.00 (57.70 to 58.70): VN064015.D (-539) (-)

3.78





#20

Methylene Chloride

Concen: 3.422 ug/l

RT: 4.51 min Scan# 861

Delta R.T. 0.00 min

Lab File: VN064015.D

Acq: 9 Oct 2020 2:53

Instrument :

MSVOA_N

ClientSampleId :

PB132189ZHE#04

Tot Ion: 84 Resp: 9487

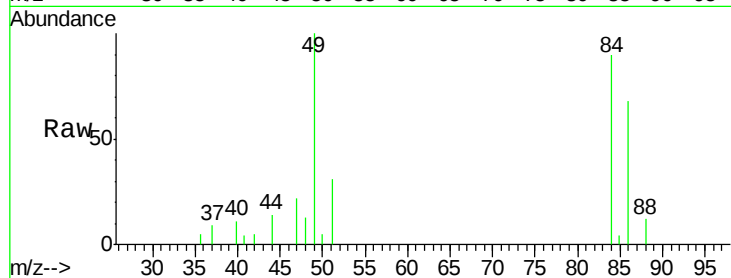
Ion Ratio Lower Upper

84 100

49 110.7 110.4 165.6

51 34.5 33.3 49.9

86 75.3 50.7 76.1

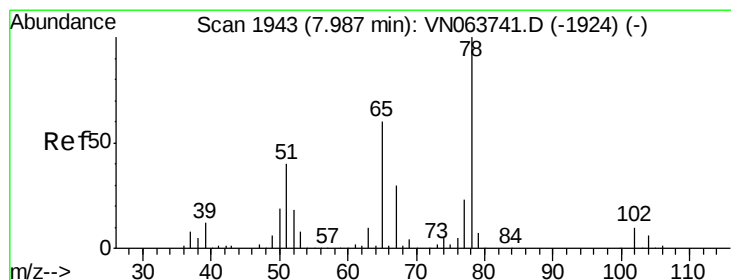
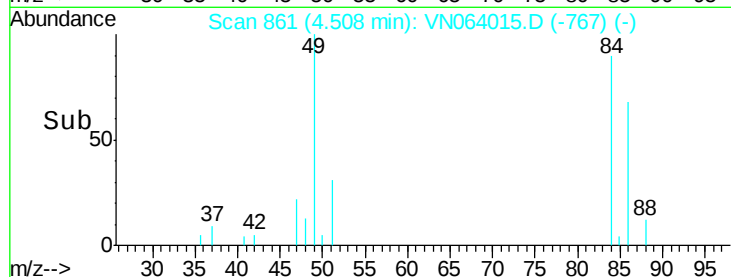
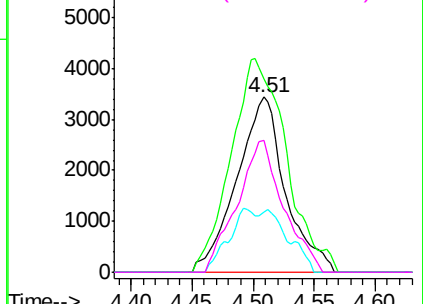


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 50.963 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064015.D

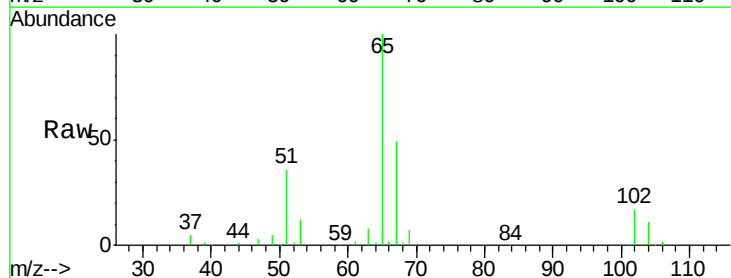
Acq: 9 Oct 2020 2:53

Tgt Ion: 65 Resp: 205882

Ion Ratio Lower Upper

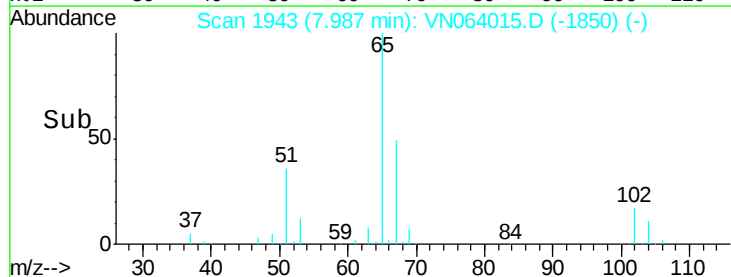
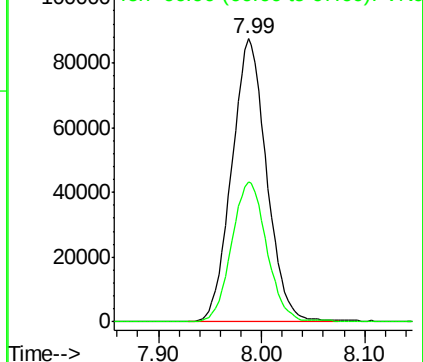
65 100

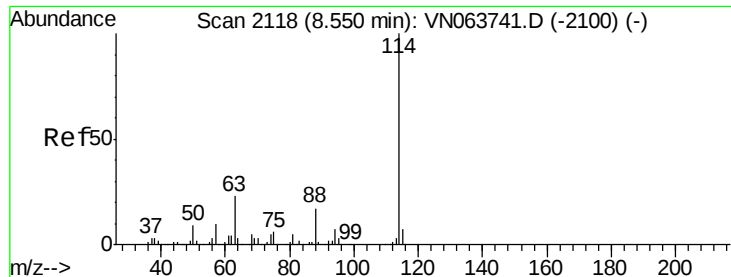
67 49.6 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

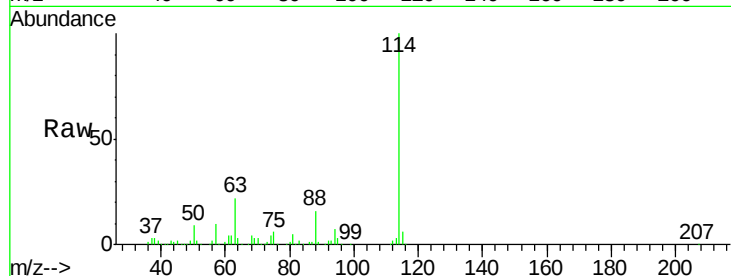




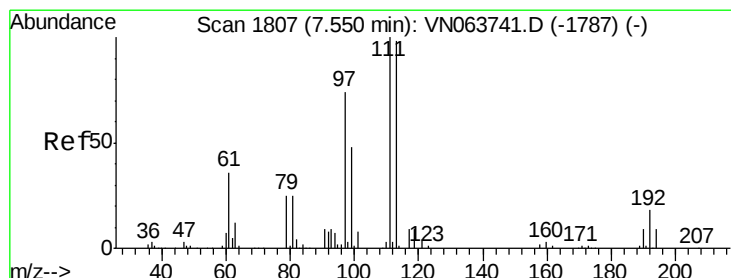
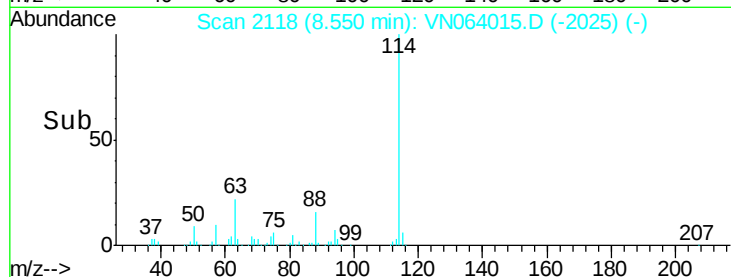
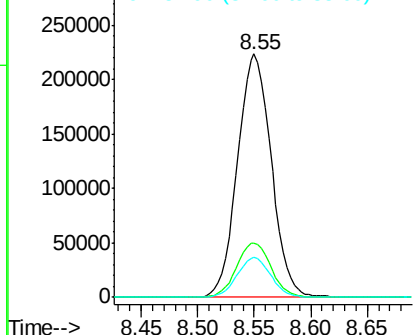
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064015.D
 Acq: 9 Oct 2020 2:53

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132189ZHE#04

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	45.0
88	16.5	0.0	34.0

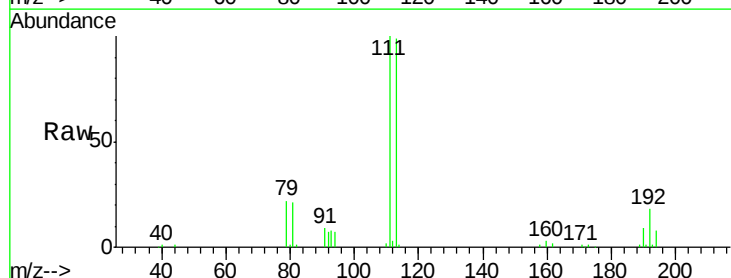


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

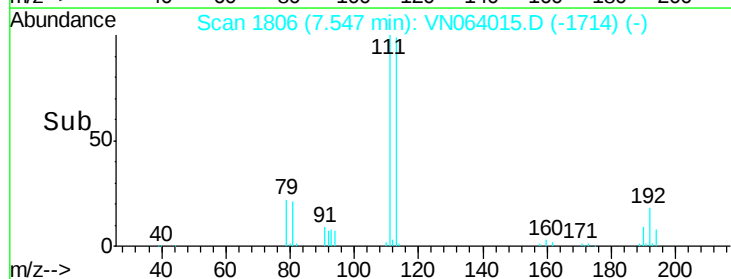
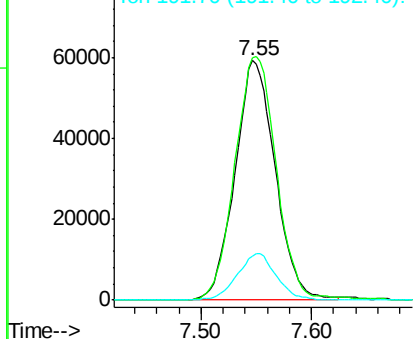


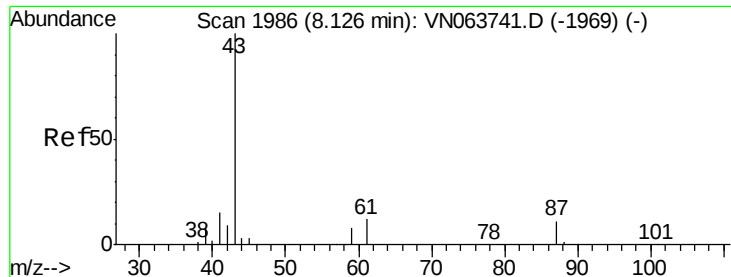
#35
 Dibromofluoromethane
 Concen: 46.264 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064015.D
 Acq: 9 Oct 2020 2:53

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.3	81.8	122.8
192	18.8	14.2	21.2



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: 11.413 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064015.D

Acq: 9 Oct 2020 2:53

Instrument :

MSVOA_N

ClientSampleId :

PB132189ZHE#04

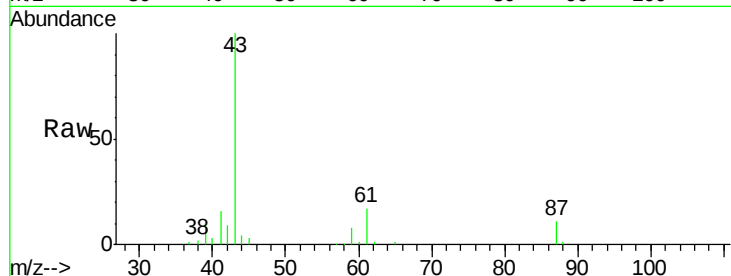
Tot Ion: 43 Resp: 88244

Ion Ratio Lower Upper

43 100

61 19.2 14.2 21.4

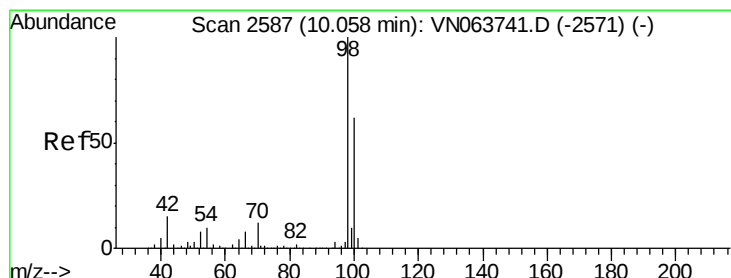
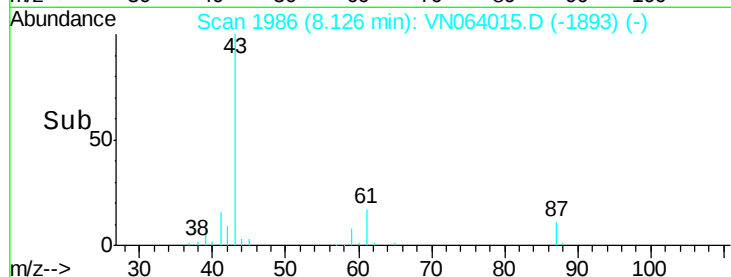
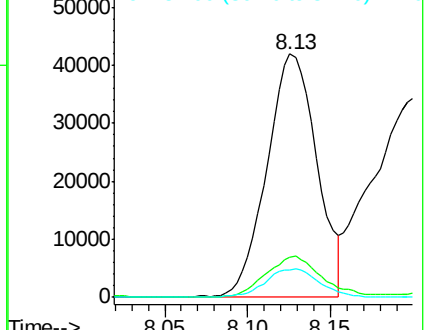
87 12.6 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN063741.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN063741.D (-1969) (-)



#50

Toluene-d8

Concen: 47.969 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064015.D

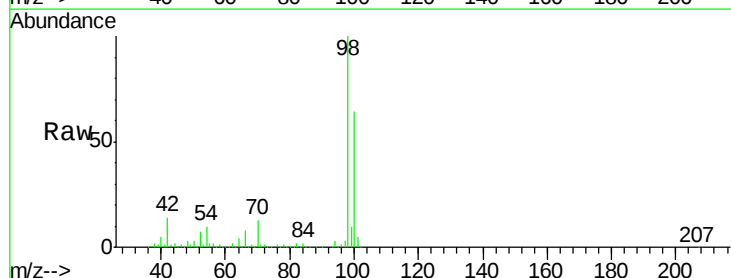
Acq: 9 Oct 2020 2:53

Tgt Ion: 98 Resp: 587629

Ion Ratio Lower Upper

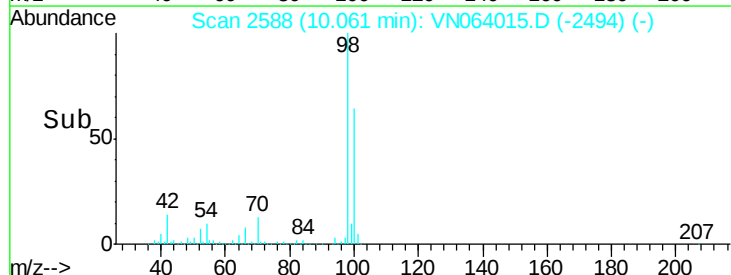
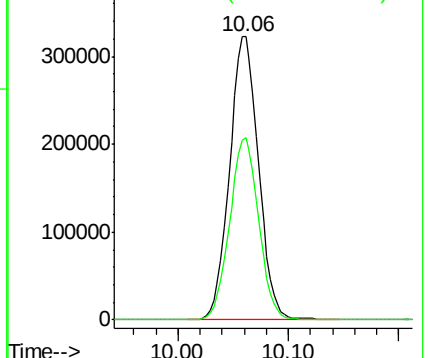
98 100

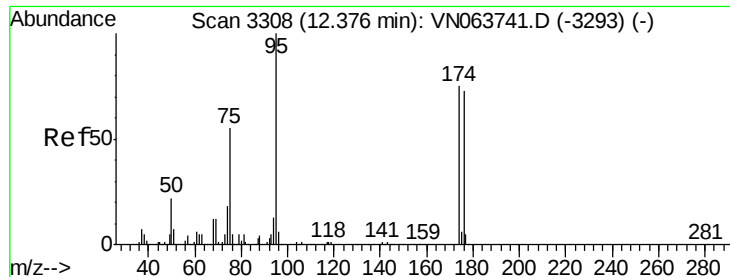
100 64.2 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN063741.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063741.D (-2571) (-)

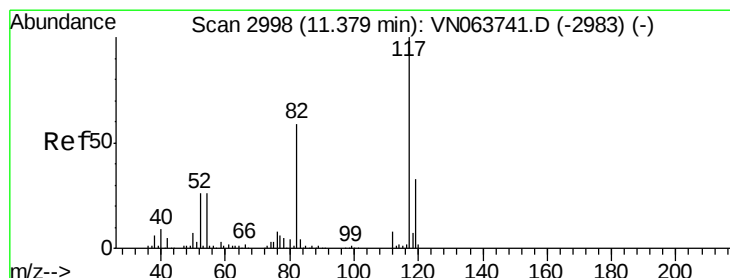
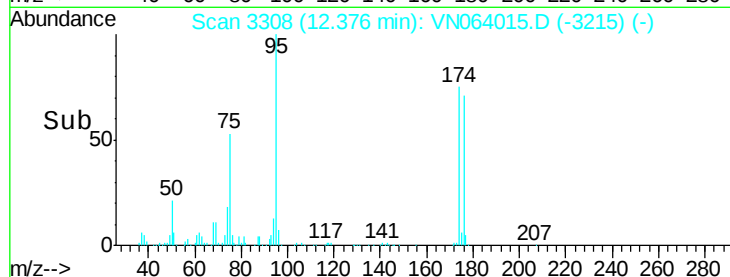
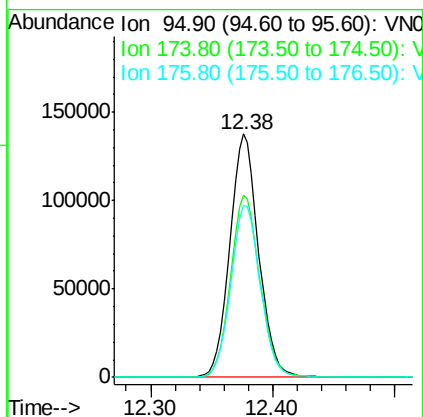
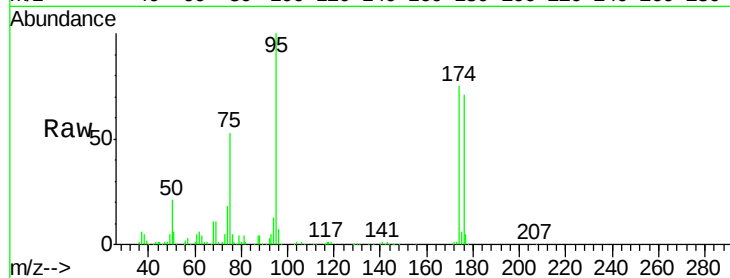




#62
4-Bromofluorobenzene
Concen: 49.218 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064015.D
Acq: 9 Oct 2020 2:53

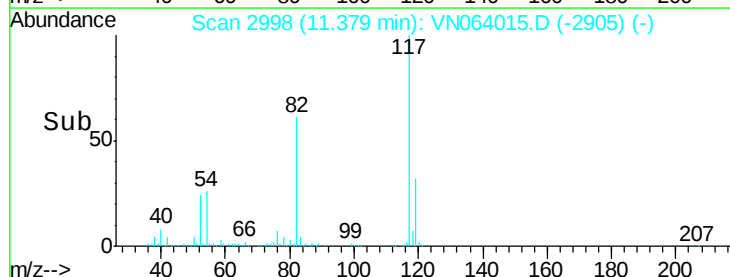
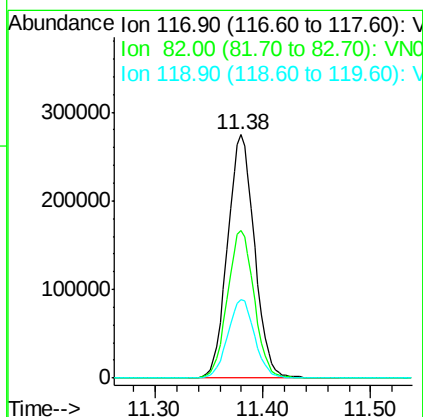
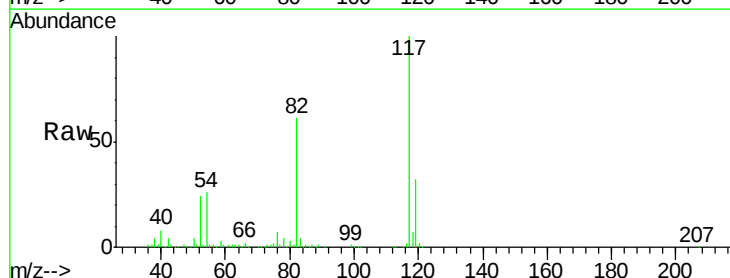
Instrument :
MSVOA_N
ClientSampleId :
PB132189ZHE#04

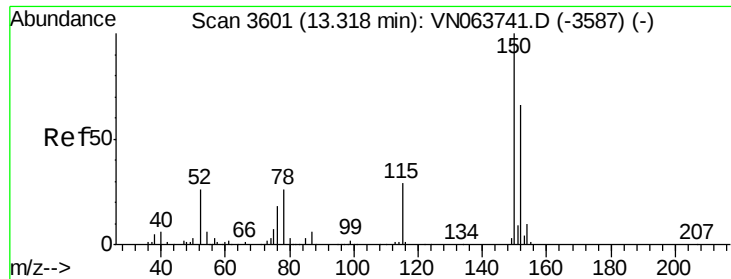
Tot Ion: 95 Resp: 226647
Ion Ratio Lower Upper
95 100
174 76.5 0.0 150.6
176 72.6 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064015.D
Acq: 9 Oct 2020 2:53

Tgt Ion: 117 Resp: 477096
Ion Ratio Lower Upper
117 100
82 60.8 47.4 71.2
119 32.3 26.4 39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064015.D

Acq: 9 Oct 2020 2:53

Instrument :

MSVOA_N

ClientSampleId :

PB132189ZHE#04

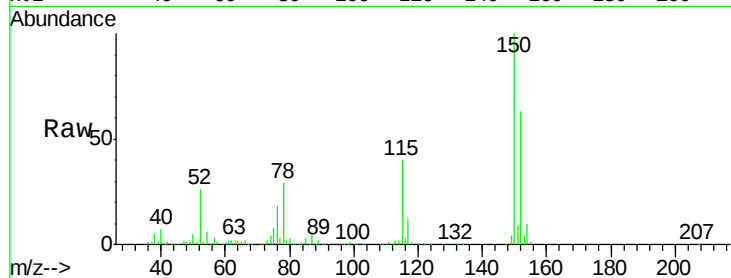
Tot Ion:152 Resp: 184741

Ion Ratio Lower Upper

152 100

115 63.5 31.3 93.8

150 159.0 0.0 341.8



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

