

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101420\
 Data File : VN064131.D
 Acq On : 14 Oct 2020 22:55
 Operator : JC/MD
 Sample : L4226-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-08-101320

Quant Time: Oct 15 07:44:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 15 01:16:44 2020
 Response via : Initial Calibration

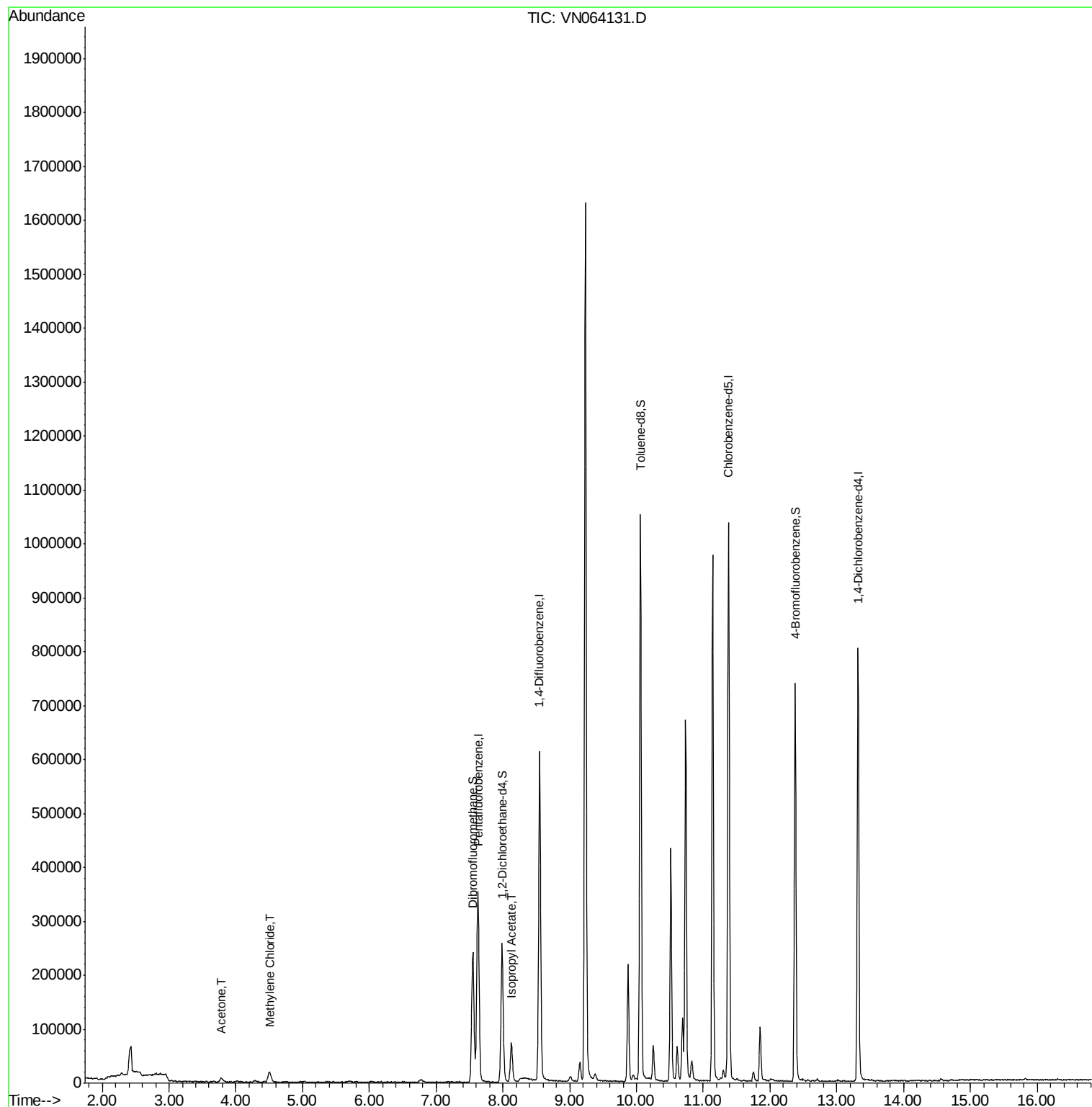
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	274828	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	540665	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	592637	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	214681	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	222045	56.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.46%	
35) Dibromofluoromethane	7.55	113	187023	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.96%	
50) Toluene-d8	10.06	98	727732	51.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.08%	
62) 4-Bromofluorobenzene	12.38	95	252842	52.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.20%	
Target Compounds						
16) Acetone	3.78	43	13196	11.366	ug/l	97
20) Methylene Chloride	4.51	84	14408	4.011	ug/l	90
43) Isopropyl Acetate	8.13	43	86656	11.291	ug/l #	89

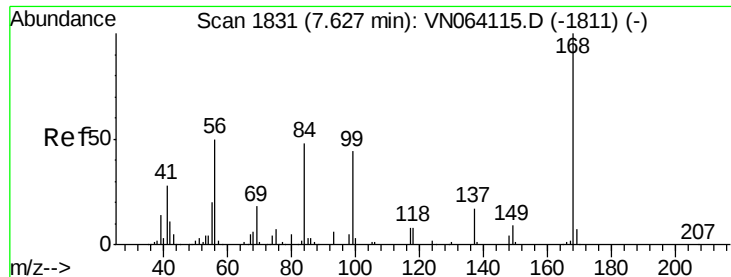
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064131.D

Acq: 14 Oct 2020 22:55

Instrument :

MSVOA_N

ClientSampleId :

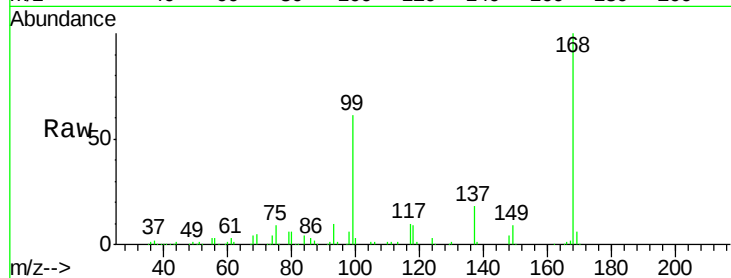
TR-08-101320

Tot Ion:168 Resp: 274828

Ion Ratio Lower Upper

168 100

99 60.6 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

120000

100000

80000

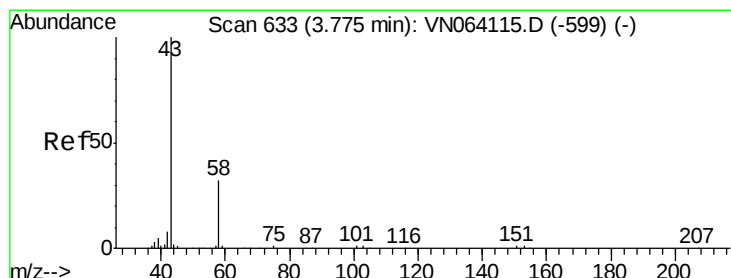
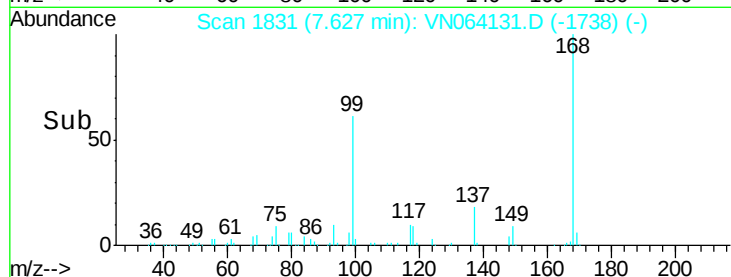
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 11.366 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064131.D

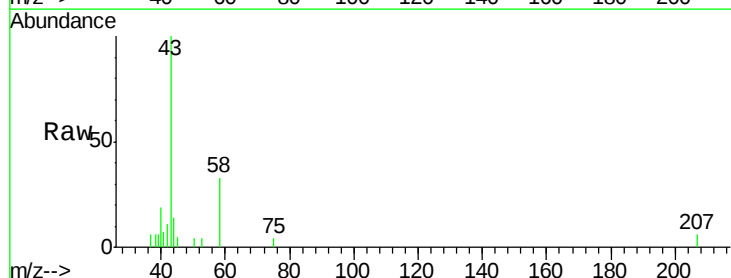
Acq: 14 Oct 2020 22:55

Tgt Ion: 43 Resp: 13196

Ion Ratio Lower Upper

43 100

58 33.2 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

5000

4000

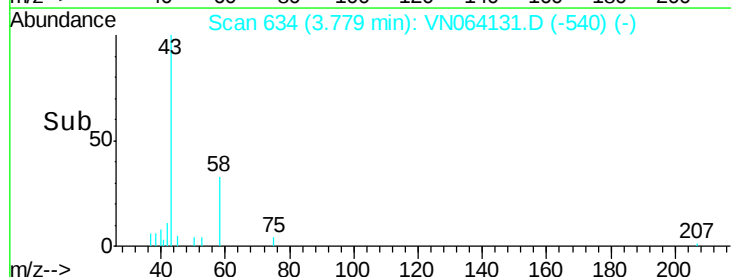
3000

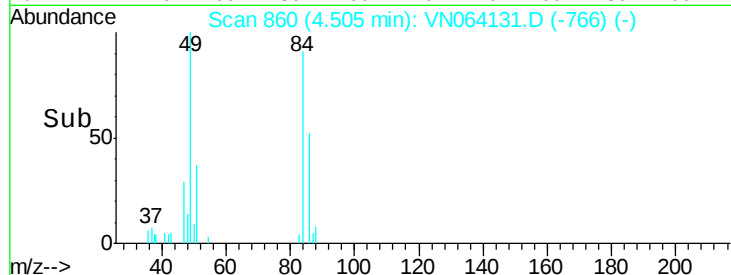
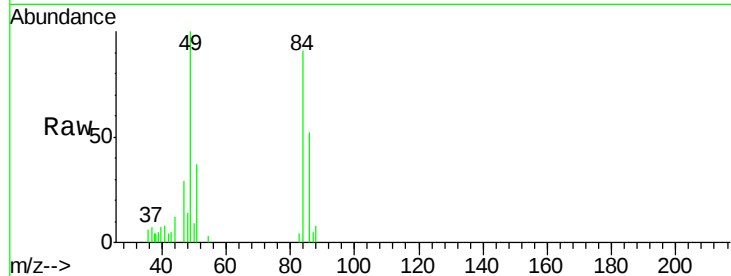
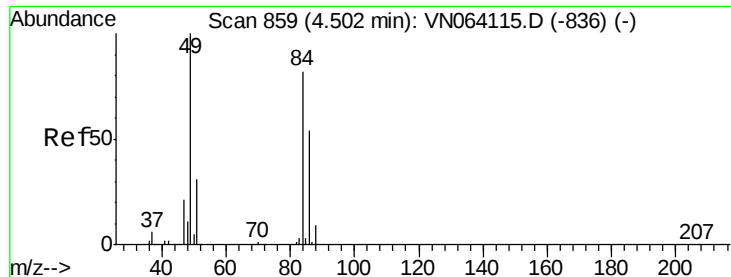
2000

1000

0

Time--> 3.70 3.75 3.80 3.85 3.90

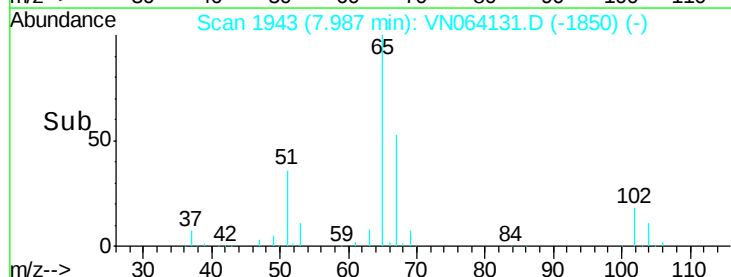
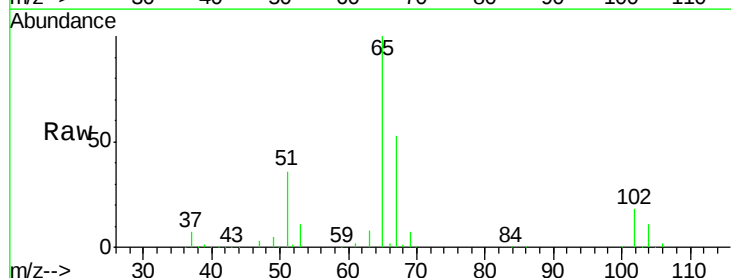
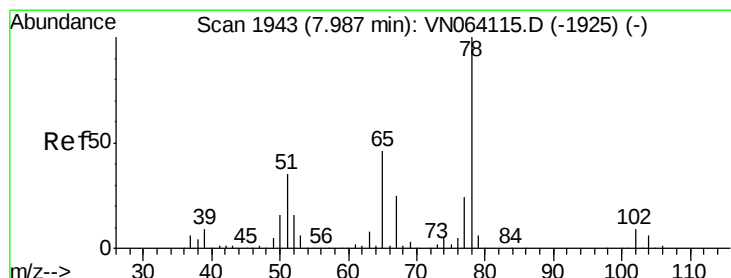
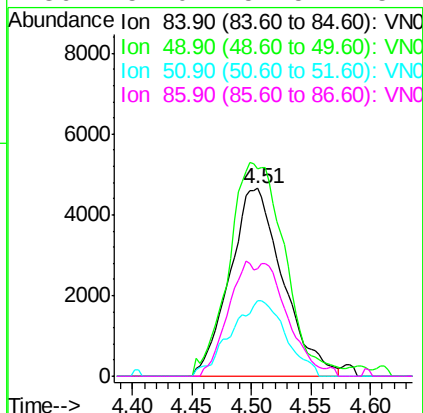




#20
Methylene Chloride
Concen: 4.011 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN064131.D
Acq: 14 Oct 2020 22:55

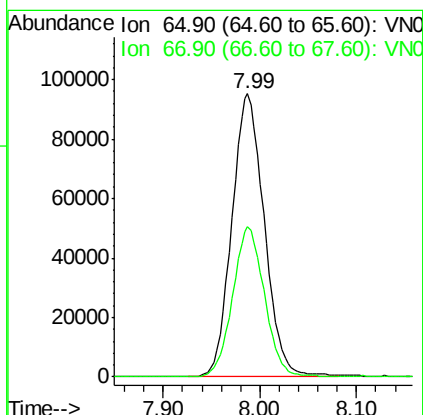
Instrument :
MSVOA_N
ClientSampleId :
TR-08-101320

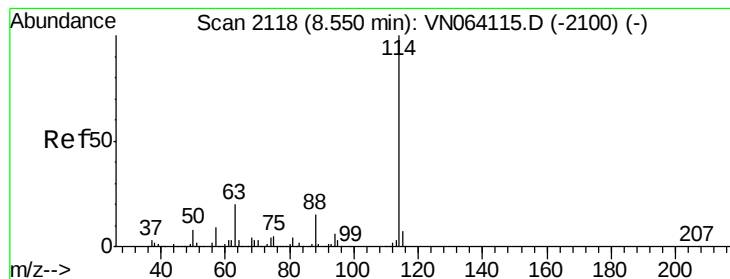
Tot Ion: 84 Resp: 14408
Ion Ratio Lower Upper
84 100
49 110.2 97.4 146.0
51 40.4 29.7 44.5
86 57.0 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 56.729 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064131.D
Acq: 14 Oct 2020 22:55

Tgt Ion: 65 Resp: 222045
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064131.D

Acq: 14 Oct 2020 22:55

Instrument :

MSVOA_N

ClientSampleId :

TR-08-101320

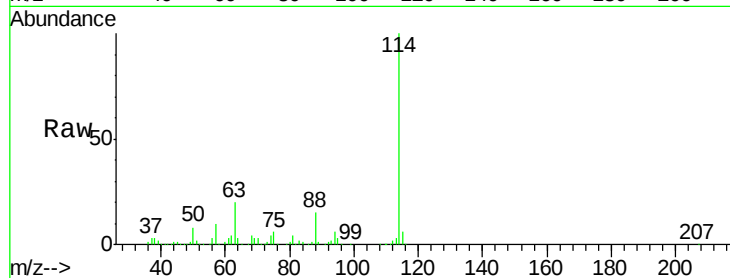
Tot Ion:114 Resp: 540665

Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.0

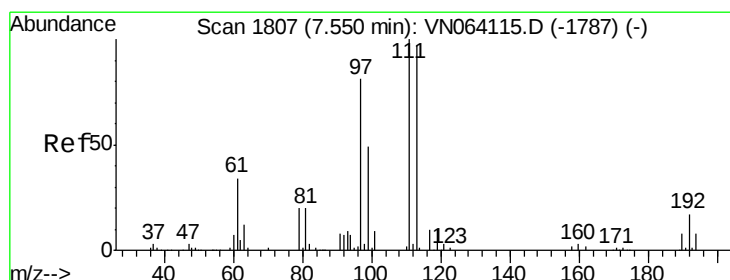
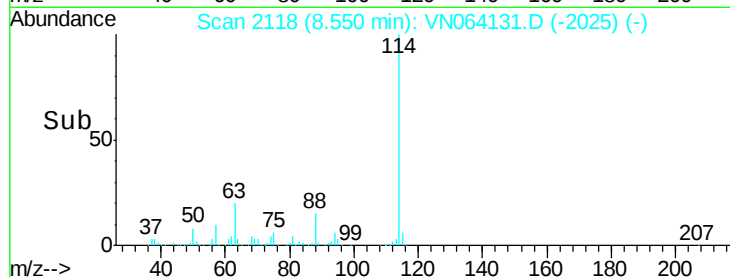
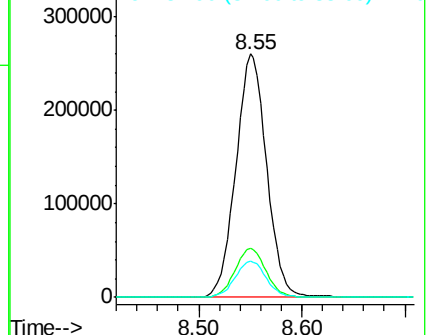
88 14.6 0.0 29.2



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: 49.977 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064131.D

Acq: 14 Oct 2020 22:55

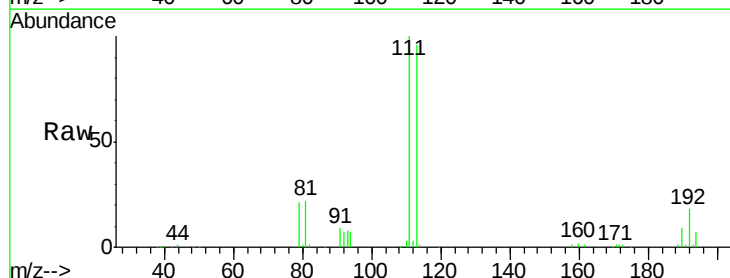
Tgt Ion:113 Resp: 187023

Ion Ratio Lower Upper

113 100

111 100.3 81.9 122.9

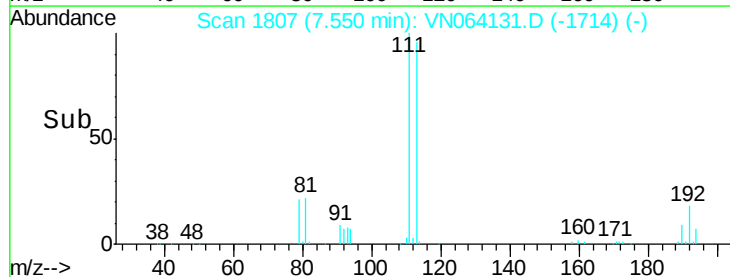
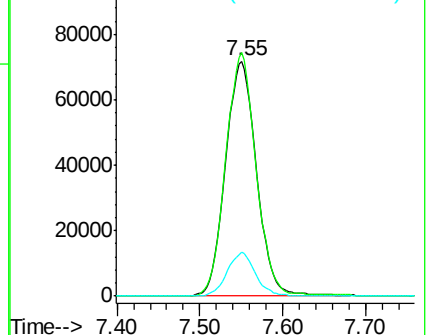
192 17.0 14.3 21.5

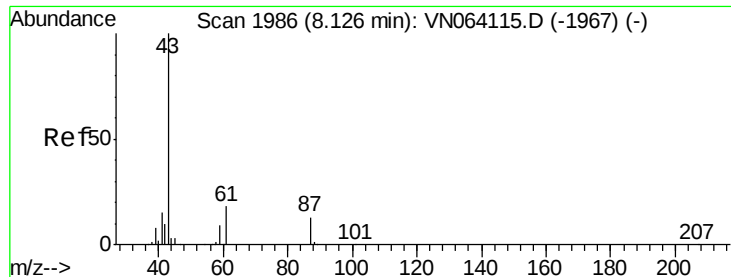


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 11.291 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064131.D

Acq: 14 Oct 2020 22:55

Instrument :

MSVOA_N

ClientSampleId :

TR-08-101320

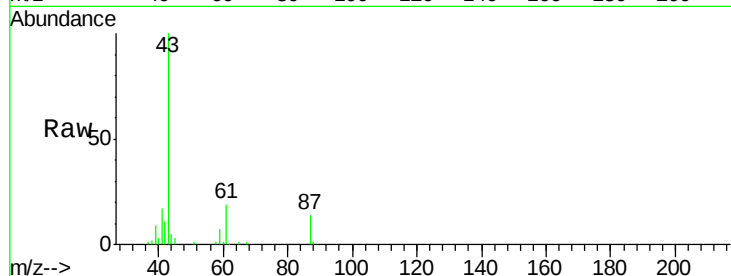
Tot Ion: 43 Resp: 86656

Ion Ratio Lower Upper

43 100

61 19.0 21.9 32.9#

87 14.4 11.0 16.4



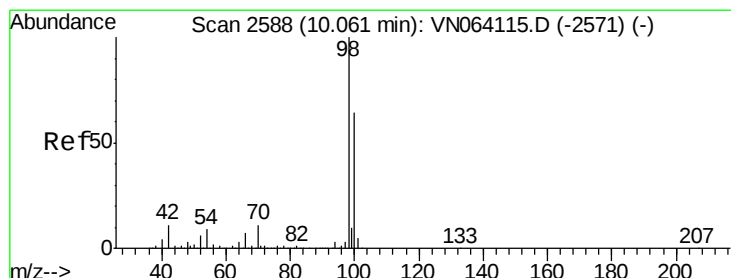
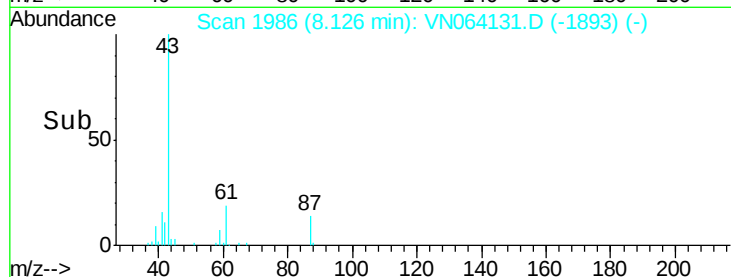
Abundance Ion 43.00 (42.70 to 43.70): VN064131.D (-1893) (-)

Ion 61.00 (60.70 to 61.70): VN064131.D (-1893) (-)

Ion 87.00 (86.70 to 87.70): VN064131.D (-1893) (-)

8.13

Time-->



#50

Toluene-d8

Concen: 51.539 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064131.D

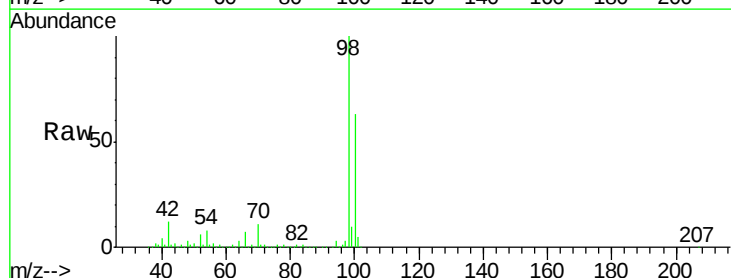
Acq: 14 Oct 2020 22:55

Tgt Ion: 98 Resp: 727732

Ion Ratio Lower Upper

98 100

100 63.5 50.8 76.2

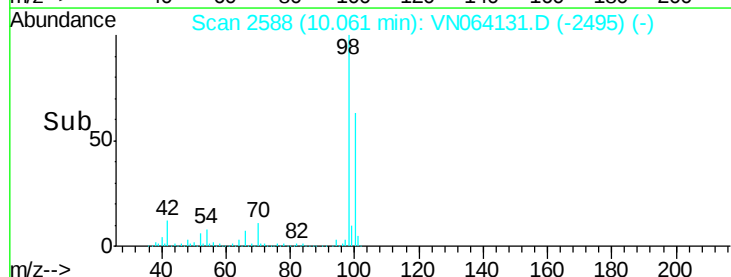


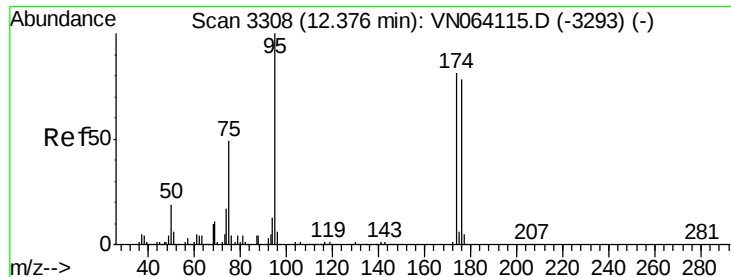
Abundance Ion 98.00 (97.70 to 98.70): VN064131.D (-2495) (-)

Ion 100.00 (99.70 to 100.70): VN064131.D (-2495) (-)

10.06

Time-->

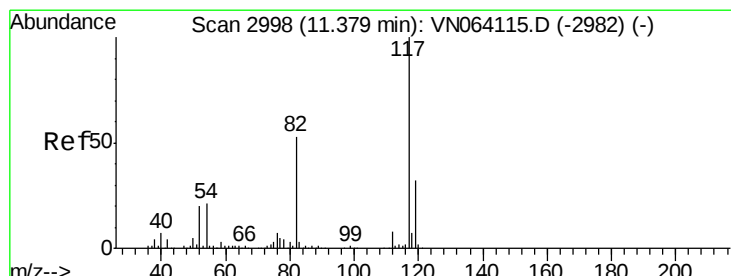
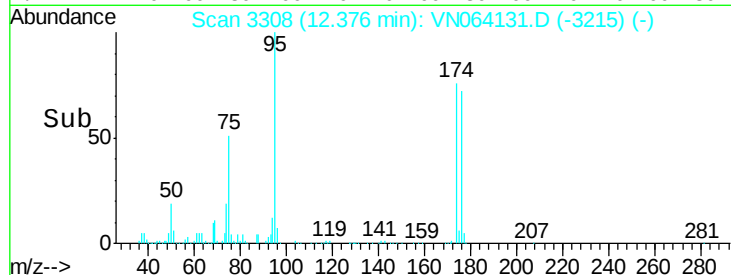
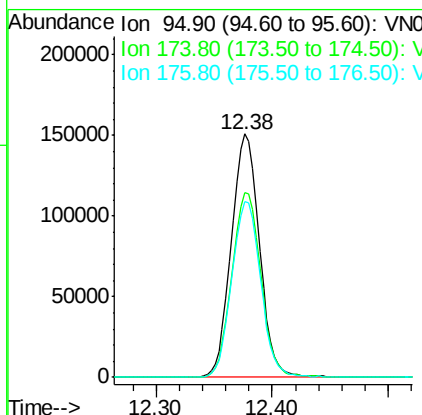
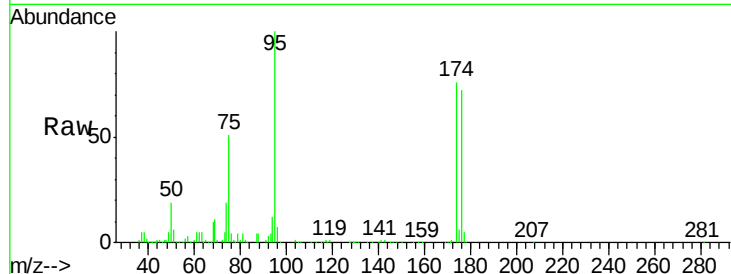




#62
4-Bromofluorobenzene
Concen: 52.096 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064131.D
Acq: 14 Oct 2020 22:55

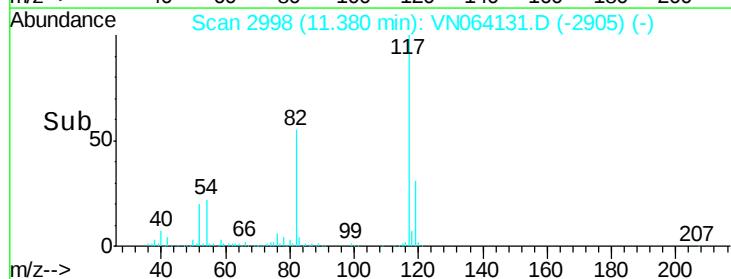
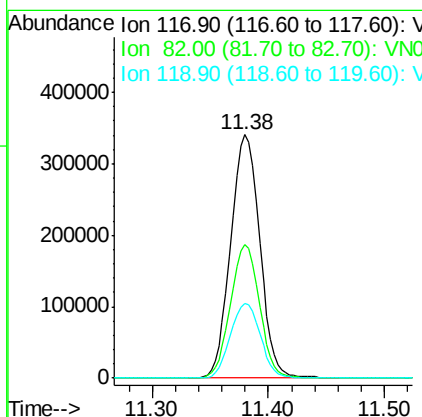
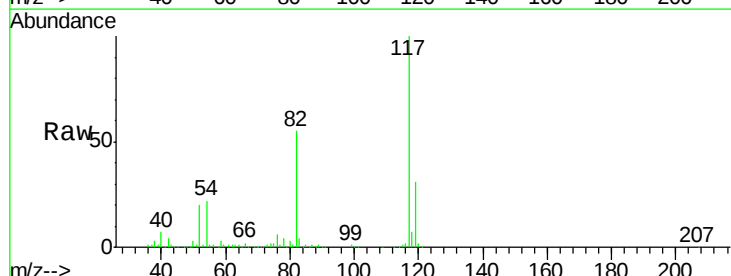
Instrument :
MSVOA_N
ClientSampleId :
TR-08-101320

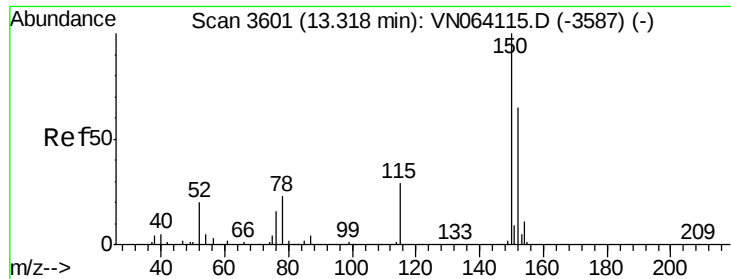
Tot Ion	95	Resp	252842
Ion Ratio	Lower	Upper	
95	100		
174	78.3	0.0	164.8
176	74.1	0.0	157.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064131.D
Acq: 14 Oct 2020 22:55

Tgt Ion	117	Resp	592637
Ion Ratio	Lower	Upper	
117	100		
82	54.8	42.6	63.8
119	30.8	25.5	38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064131.D

Acq: 14 Oct 2020 22:55

Instrument :

MSVOA_N

ClientSampleId :

TR-08-101320

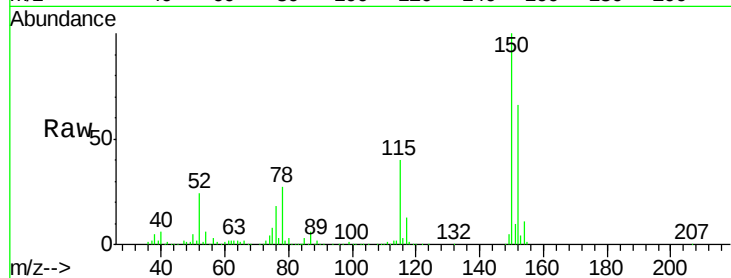
Tot Ion:152 Resp: 214681

Ion Ratio Lower Upper

152 100

115 59.5 29.3 87.8

150 156.0 0.0 346.0



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

