

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110620\
 Data File : VN064497.D
 Acq On : 6 Nov 2020 20:53
 Operator : JC/MD
 Sample : L4625-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CONTAINER-002-4A

Quant Time: Nov 07 04:48:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

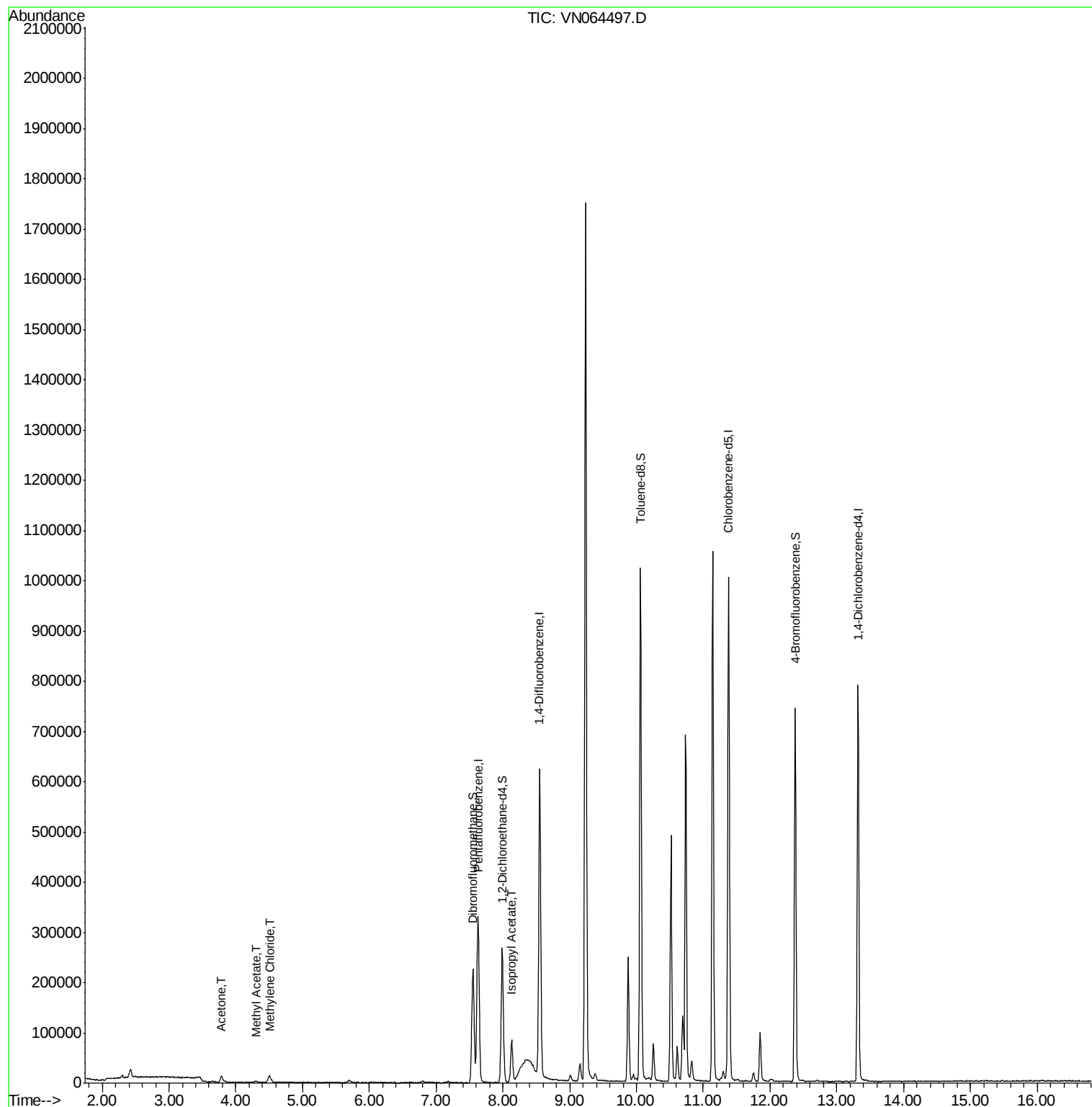
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	238900	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	510664	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	537877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	190668	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	235513	56.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.20%	
35) Dibromofluoromethane	7.55	113	175093	50.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.72%	
50) Toluene-d8	10.06	98	658504	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
62) 4-Bromofluorobenzene	12.38	95	245122	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.46%	
Target Compounds						
16) Acetone	3.79	43	21943	13.843	ug/l	94
18) Methyl Acetate	4.31	43	4903	1.573	ug/l #	78
20) Methylene Chloride	4.50	84	9428	2.998	ug/l #	87
43) Isopropyl Acetate	8.13	43	101457	11.605	ug/l	98

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

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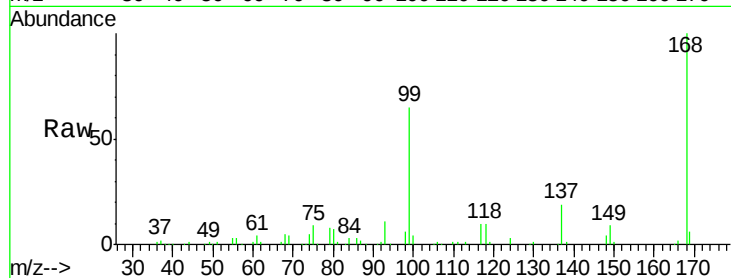




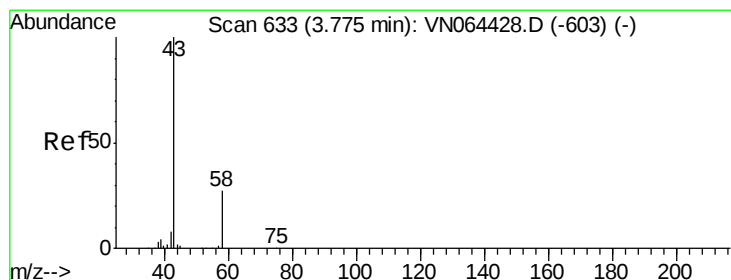
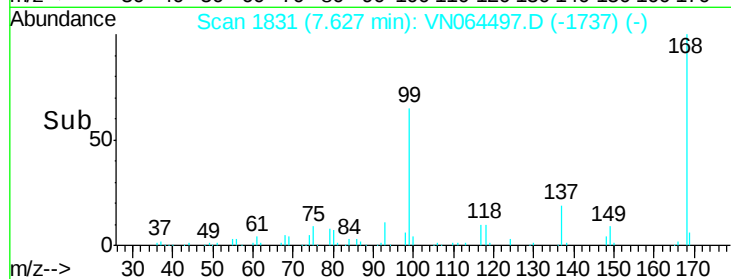
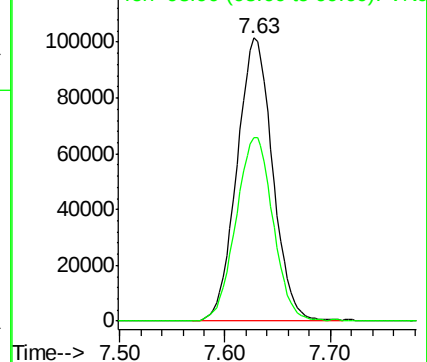
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN064497.D
Acq: 6 Nov 2020 20:53

Instrument :
MSVOA_N
ClientSampleId :
CONTAINER-002-4A

Tot Ion:168 Resp: 238900
Ion Ratio Lower Upper
168 100
99 64.7 53.4 80.2

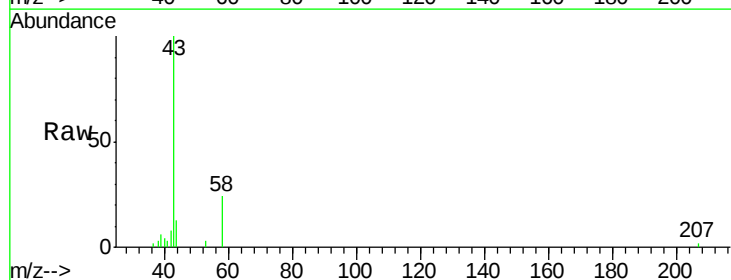


Abundance Ion 167.90 (167.60 to 168.60): VN064428.D (-1811) (-)
Ion 98.90 (98.60 to 99.60): VN064428.D (-1811) (-)

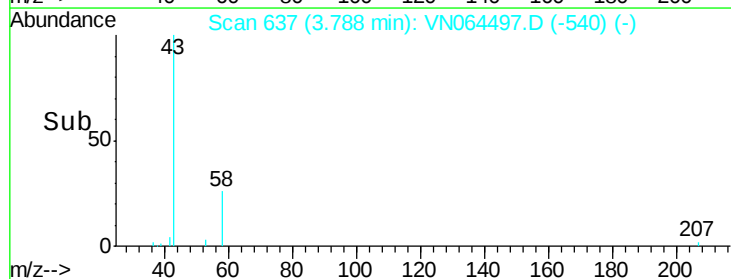
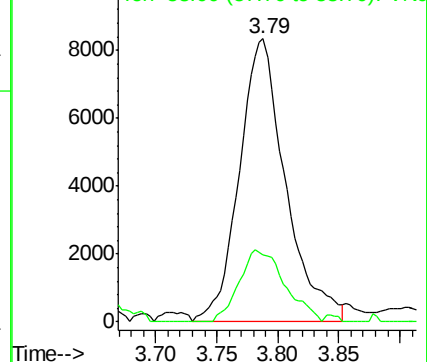


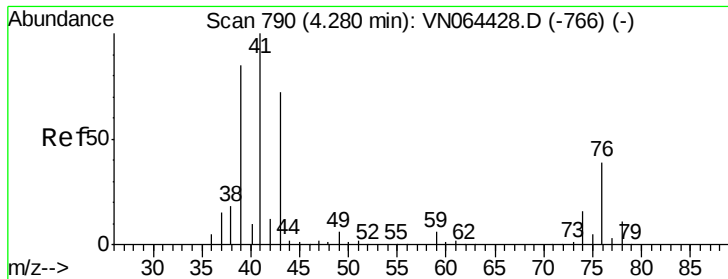
#16
Acetone
Concen: 13.843 ug/l
RT: 3.79 min Scan# 637
Delta R.T. 0.01 min
Lab File: VN064497.D
Acq: 6 Nov 2020 20:53

Tgt Ion: 43 Resp: 21943
Ion Ratio Lower Upper
43 100
58 23.5 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-603) (-)
Ion 58.00 (57.70 to 58.70): VN064428.D (-603) (-)

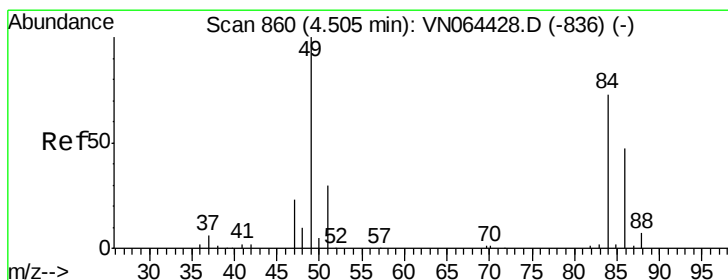
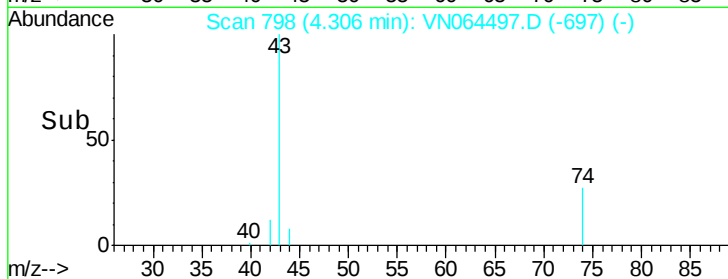
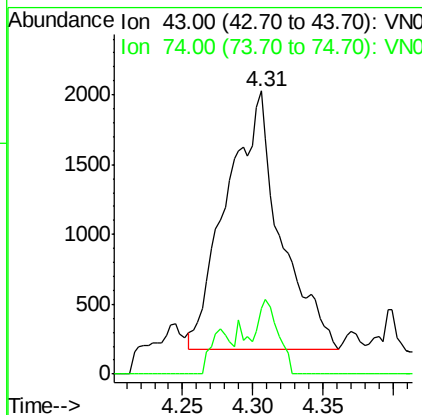
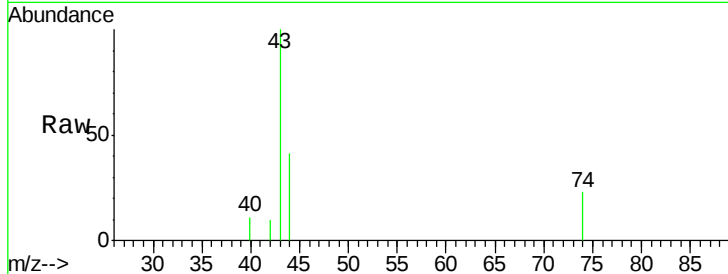




#18
Methyl Acetate
Concen: 1.573 ug/l
RT: 4.31 min Scan# 798
Delta R.T. 0.03 min
Lab File: VN064497.D
Acq: 6 Nov 2020 20:53

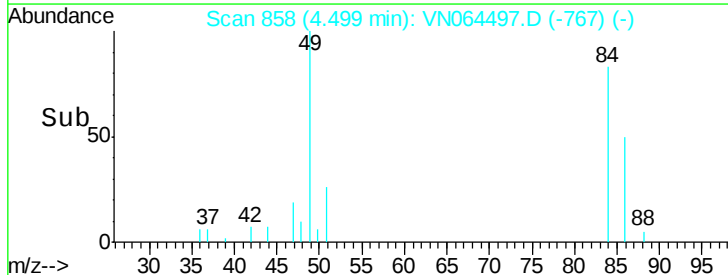
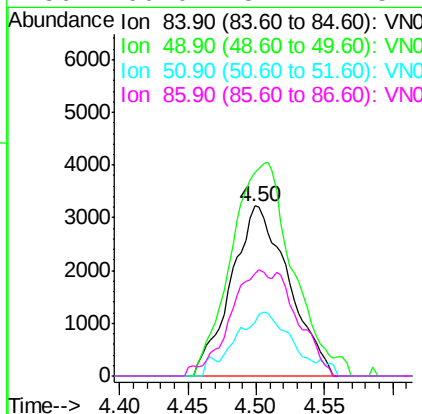
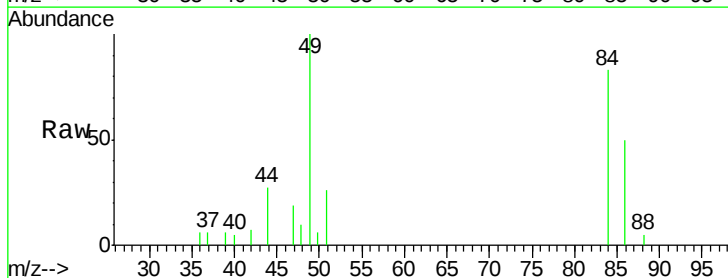
Instrument :
MSVOA_N
ClientSampleId :
CONTAINER-002-4A

Tot Ion: 43 Resp: 4903
Ion Ratio Lower Upper
43 100
74 11.0 17.0 25.4#



#20
Methylene Chloride
Concen: 2.998 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.01 min
Lab File: VN064497.D
Acq: 6 Nov 2020 20:53

Tgt Ion: 84 Resp: 9428
Ion Ratio Lower Upper
84 100
49 120.0 110.1 165.1
51 31.8 33.6 50.4#
86 60.0 52.1 78.1





#33

1,2-Dichloroethane-d4

Concen: 56.596 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN064497.D

Acq: 6 Nov 2020 20:53

Instrument :

MSVOA_N

ClientSampleId :

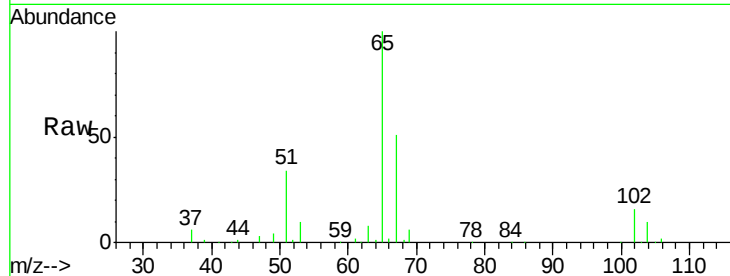
CONTAINER-002-4A

Tot Ion: 65 Resp: 23513

Ion Ratio Lower Upper

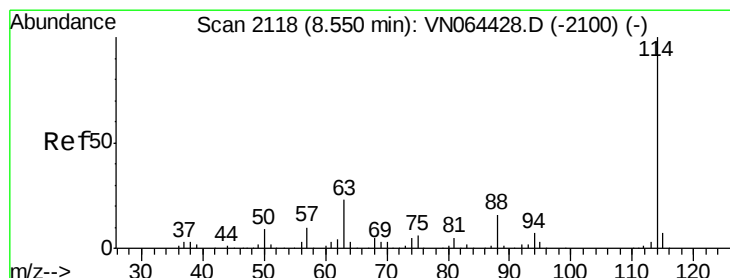
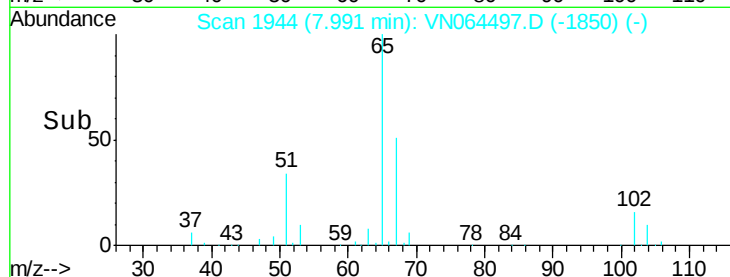
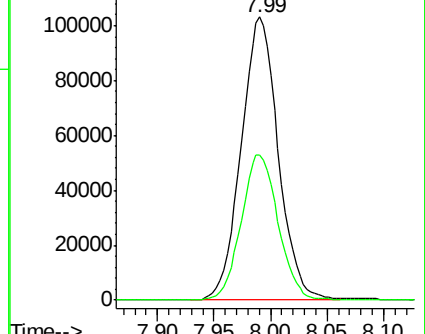
65 100

67 51.2 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN064428.D (-1923) (-)

Ion 66.90 (66.60 to 67.60): VN064428.D (-1923) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN064497.D

Acq: 6 Nov 2020 20:53

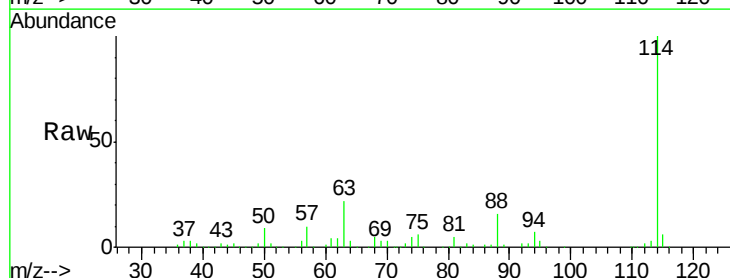
Tgt Ion: 114 Resp: 510664

Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.6

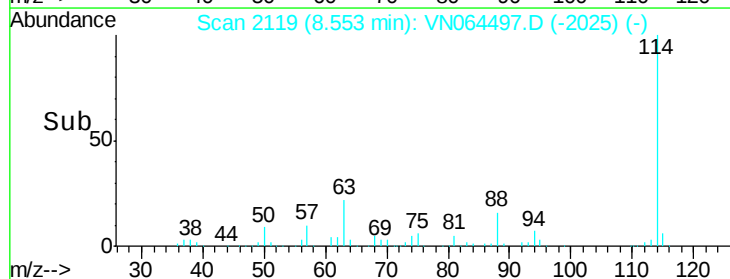
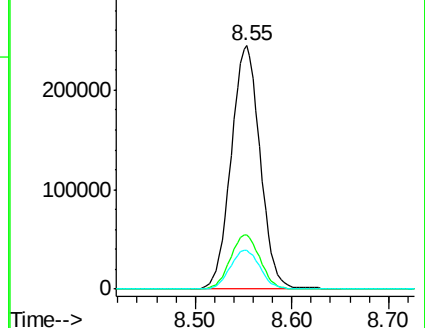
88 16.0 0.0 32.8

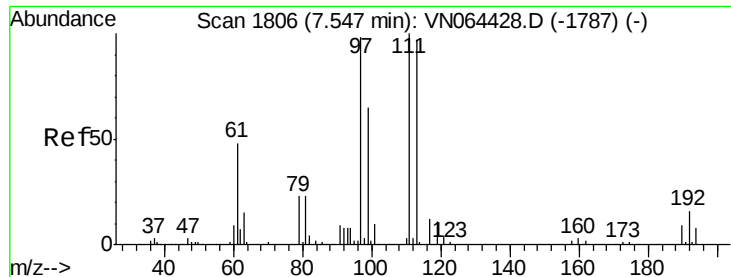


Abundance Ion 113.90 (113.60 to 114.60): VN064428.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN064428.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN064428.D (-2100) (-)

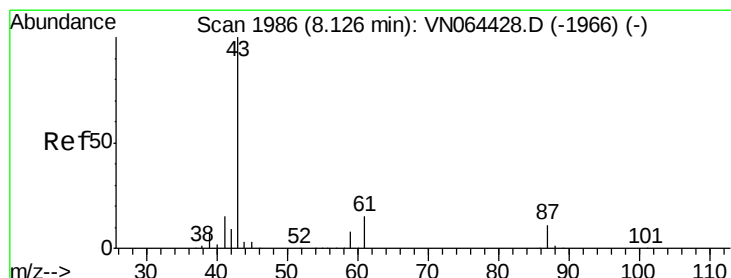
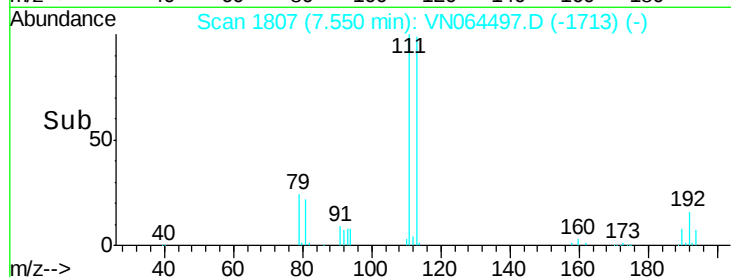
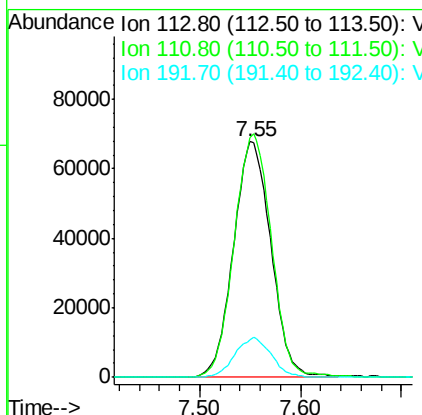
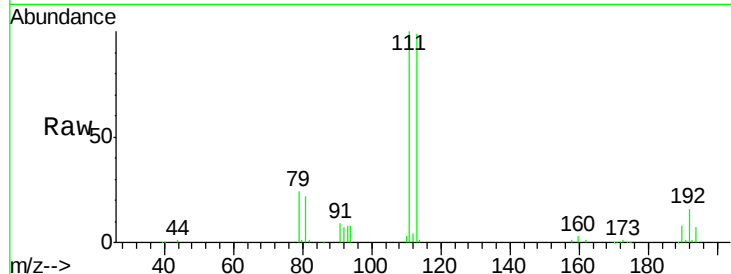




#35
 Dibromofluoromethane
 Concen: 50.359 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064497.D
 Acq: 6 Nov 2020 20:53

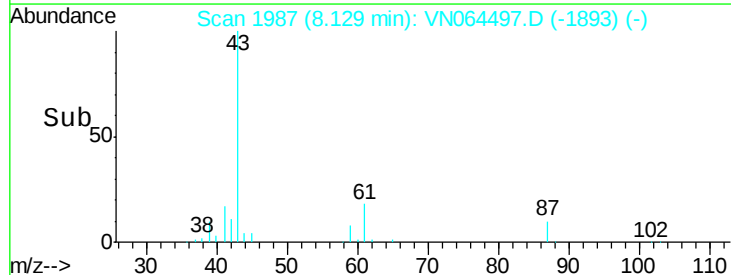
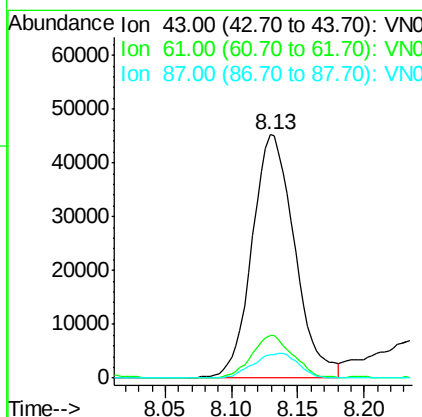
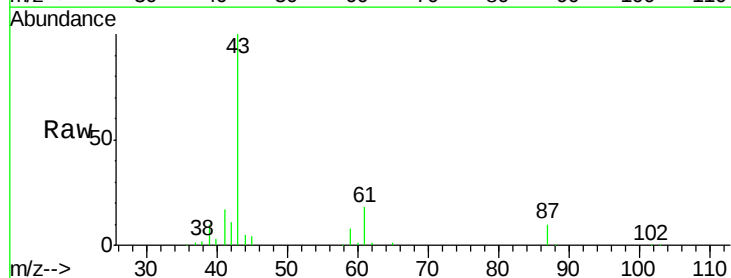
Instrument :
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 CONTAINER-002-4A

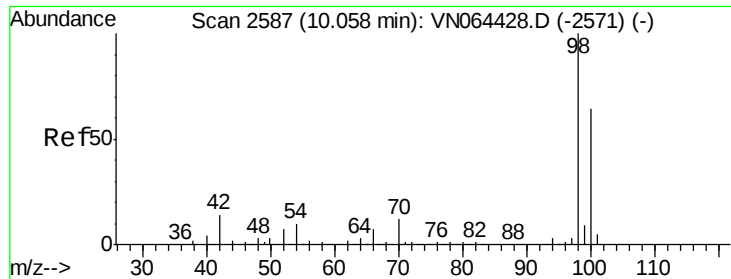
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.1	121.7
192	16.5	12.8	19.2



#43
 Isopropyl Acetate
 Concen: 11.605 ug/l
 RT: 8.13 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN064497.D
 Acq: 6 Nov 2020 20:53

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.9	14.0	21.0
87	10.5	9.1	13.7





#50

Toluene-d8

Concen: 49.002 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064497.D

Acq: 6 Nov 2020 20:53

Instrument :

MSVOA_N

ClientSampleId :

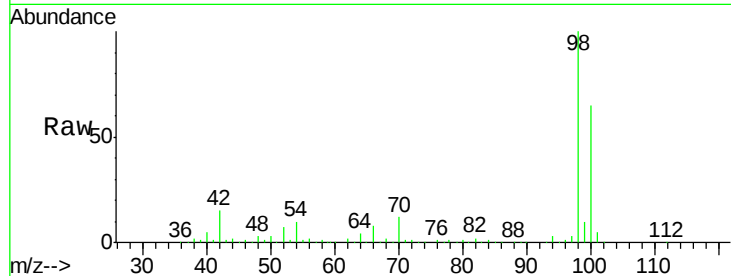
CONTAINER-002-4A

Tot Ion: 98 Resp: 658504

Ion Ratio Lower Upper

98 100

100 64.8 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN064428.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN064428.D (-2571) (-)

10.06

400000

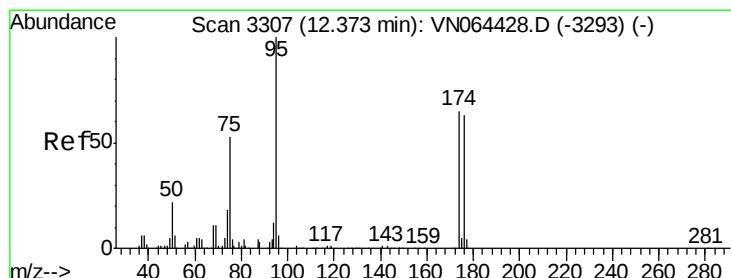
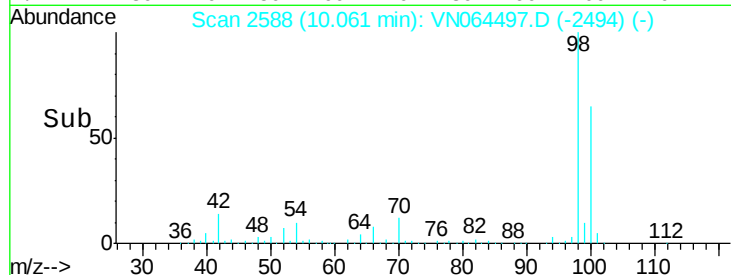
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.231 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064497.D

Acq: 6 Nov 2020 20:53

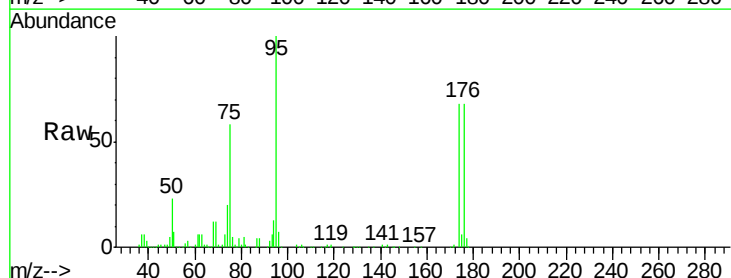
Tgt Ion: 95 Resp: 245122

Ion Ratio Lower Upper

95 100

174 70.0 0.0 132.6

176 67.6 0.0 129.2



Abundance Ion 94.90 (94.60 to 95.60): VN064428.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN064428.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN064428.D (-3293) (-)

12.38

200000

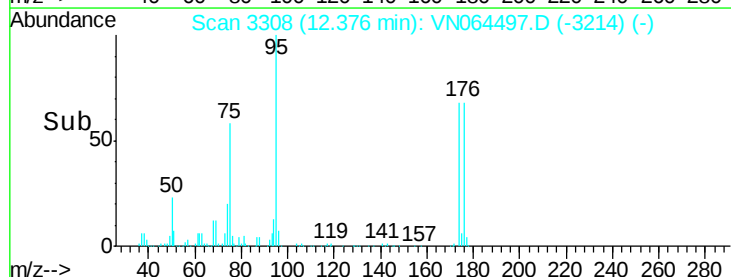
150000

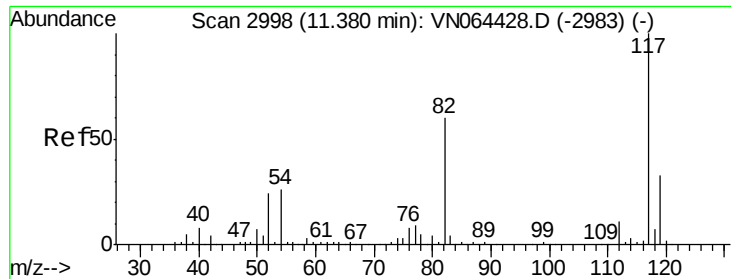
100000

50000

0

Time-->

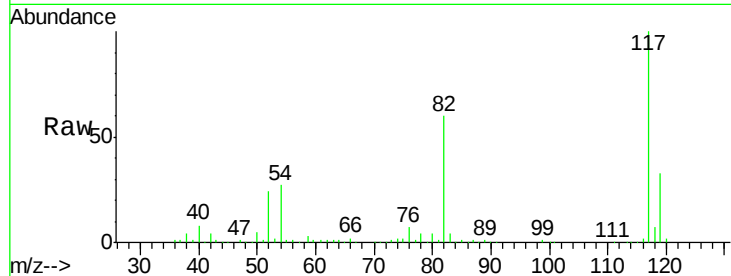




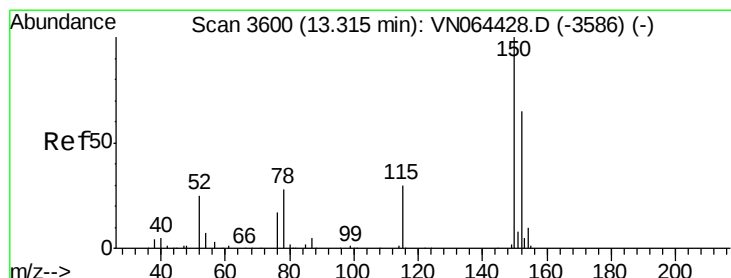
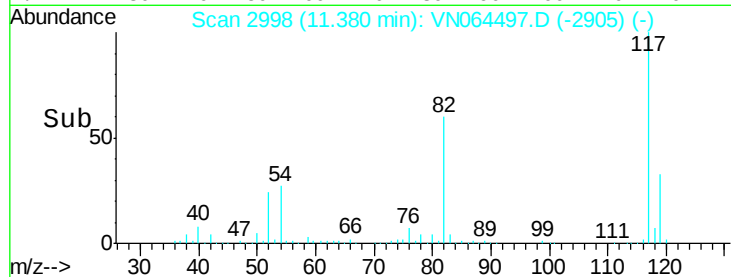
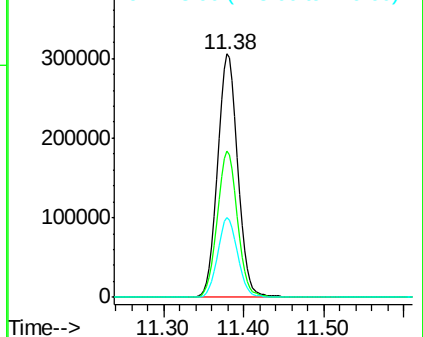
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064497.D
Acq: 6 Nov 2020 20:53

Instrument :
MSVOA_N
ClientSampleId :
CONTAINER-002-4A

Tot Ion:117 Resp: 537877
Ion Ratio Lower Upper
117 100
82 59.9 48.1 72.1
119 32.7 26.2 39.4

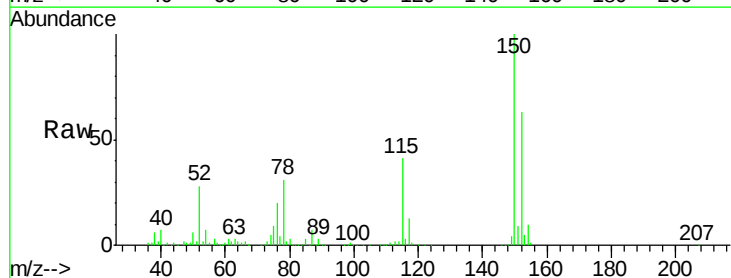


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064497.D
Acq: 6 Nov 2020 20:53

Tgt Ion:152 Resp: 190668
Ion Ratio Lower Upper
152 100
115 67.1 32.0 96.0
150 161.8 0.0 353.8



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

