

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070620\
 Data File : VN062393.D
 Acq On : 7 Jul 2020 3:36
 Operator : JC/MD
 Sample : L3202-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RO-COMP

Quant Time: Jul 07 06:15:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070620W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 07 05:08:51 2020
 Response via : Initial Calibration

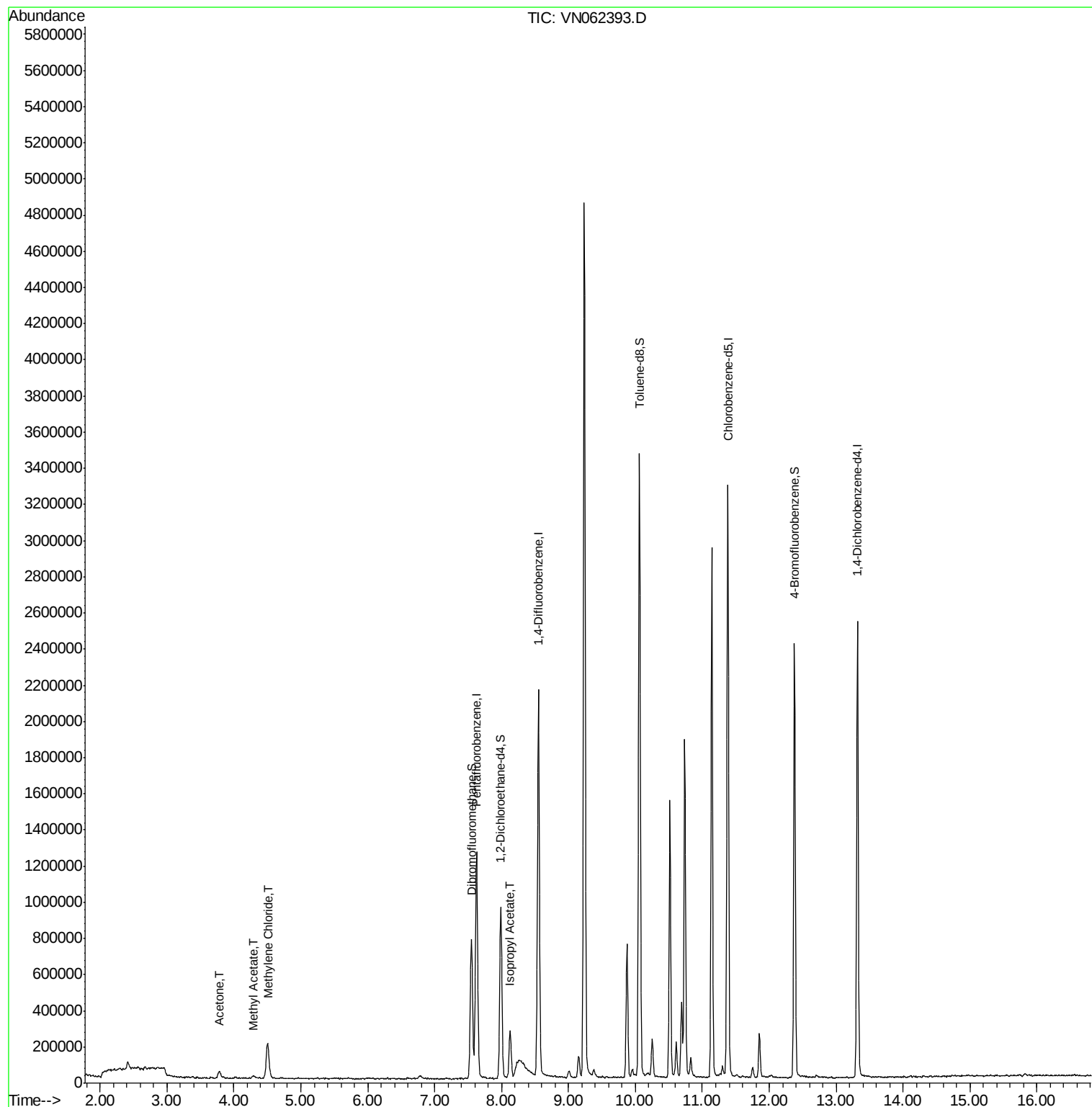
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	915560	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	1684965	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	1675264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	613432	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	834115	50.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.72%	
35) Dibromofluoromethane	7.55	113	568861	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.98%	
50) Toluene-d8	10.06	98	2209056	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.82%	
62) 4-Bromofluorobenzene	12.38	95	796742	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.82%	
Target Compounds						
16) Acetone	3.78	43	75032	9.827	ug/l	92
18) Methyl Acetate	4.29	43	29276	1.401	ug/l	94
20) Methylene Chloride	4.51	84	127517	10.241	ug/l	96
43) Isopropyl Acetate	8.13	43	319602	9.104	ug/l	99

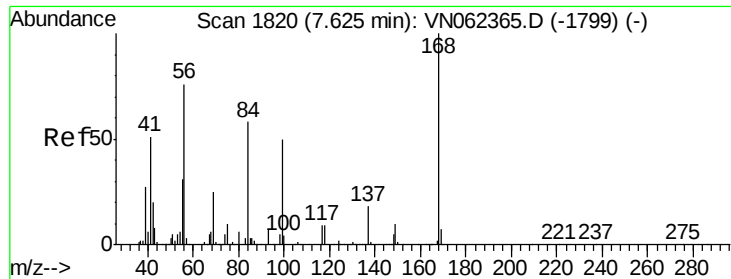
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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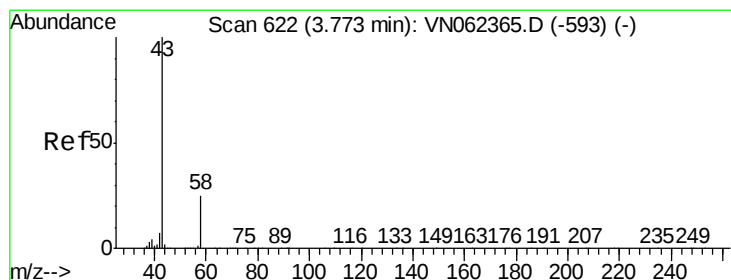
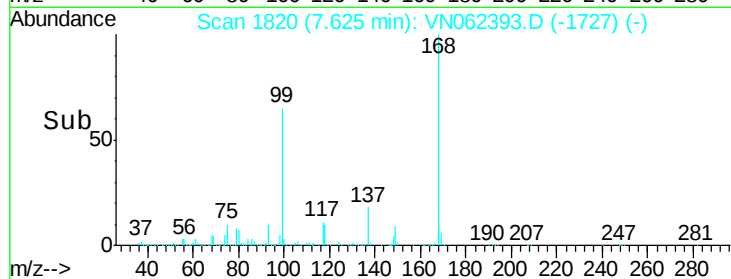
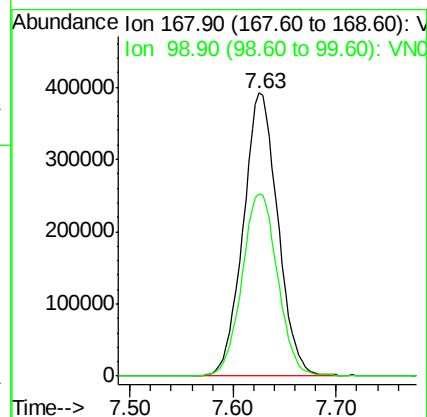
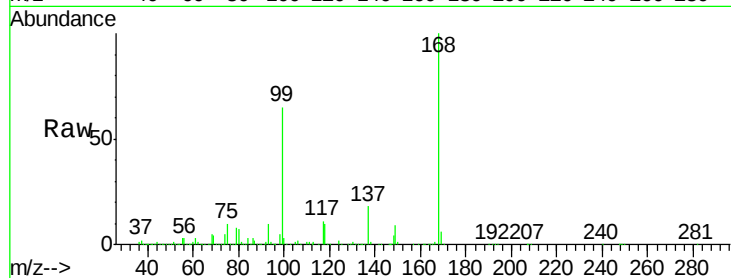




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.00 min
Lab File: VN062393.D
Acq: 7 Jul 2020 3:36

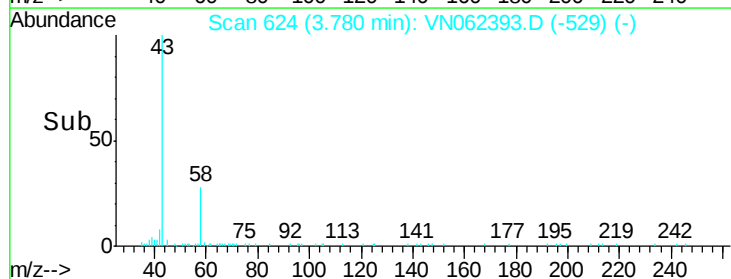
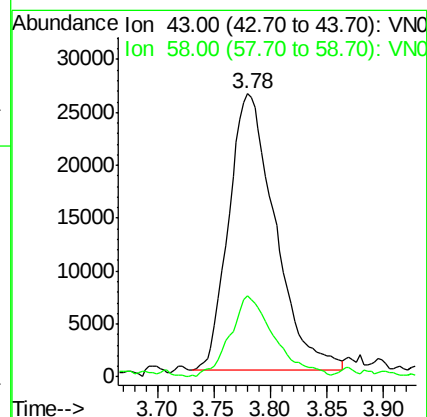
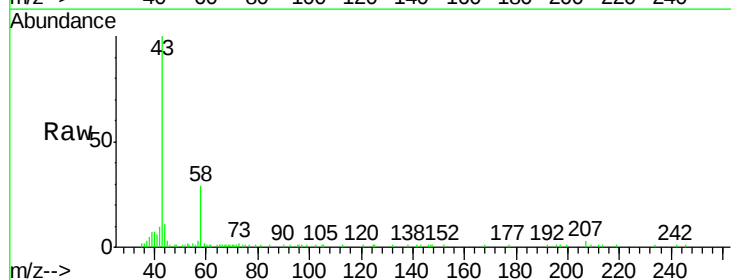
Instrument :
MSVOA_N
ClientSampleId :
RO-COMP

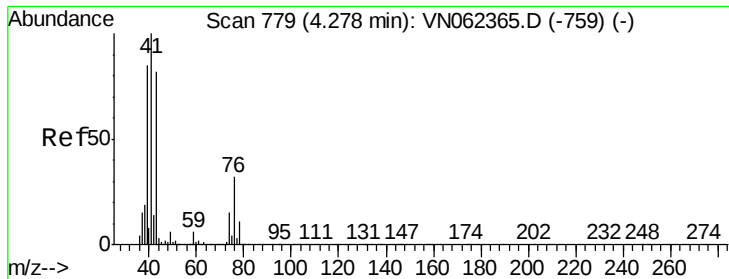
Tot Ion:168 Resp: 915560
Ion Ratio Lower Upper
168 100
99 64.5 52.9 79.3



#16
Acetone
Concen: 9.827 ug/l
RT: 3.78 min Scan# 624
Delta R.T. 0.01 min
Lab File: VN062393.D
Acq: 7 Jul 2020 3:36

Tgt Ion: 43 Resp: 75032
Ion Ratio Lower Upper
43 100
58 28.9 19.8 29.8

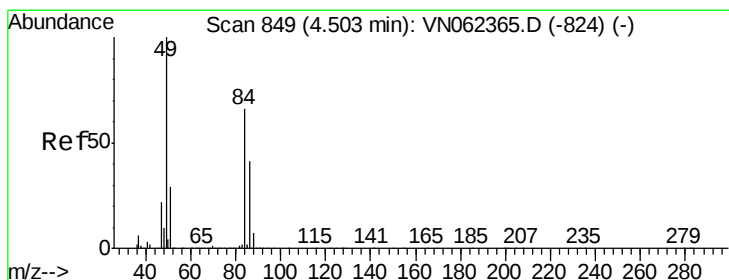
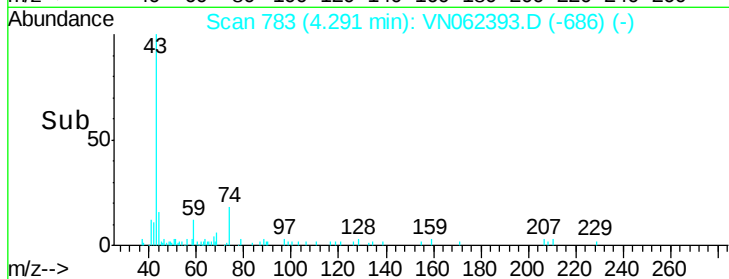
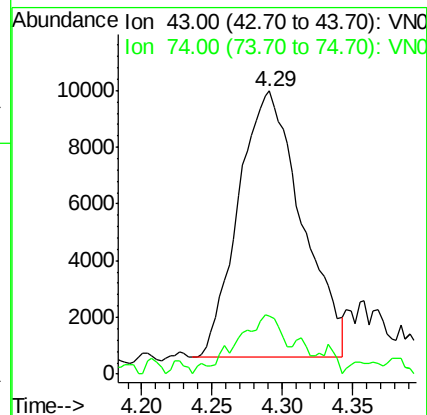
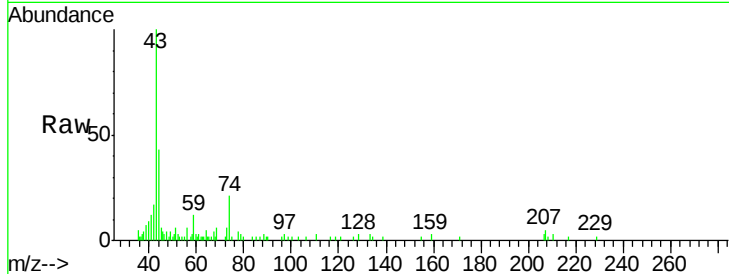




#18
Methvl Acetate
Concen: 1.401 ug/l
RT: 4.29 min Scan# 783
Delta R.T. 0.01 min
Lab File: VN062393.D
Acq: 7 Jul 2020 3:36

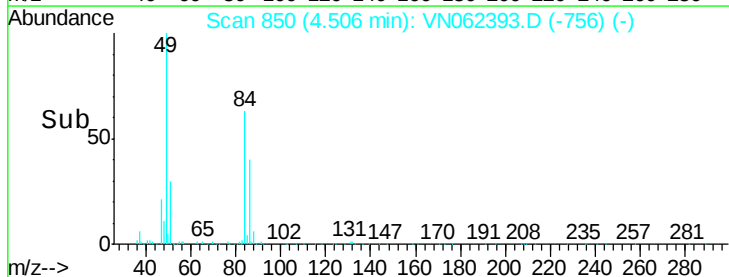
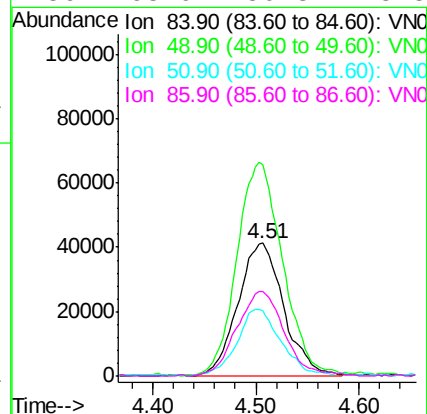
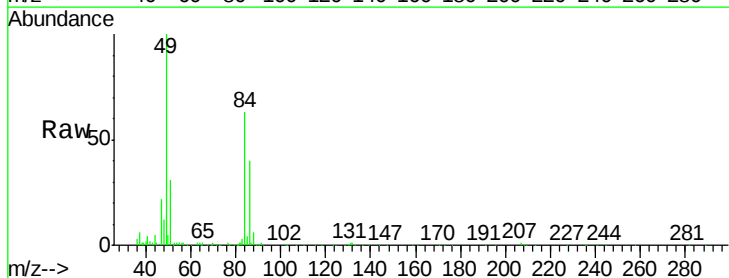
Instrument :
MSVOA_N
ClientSampled :
RO-COMP

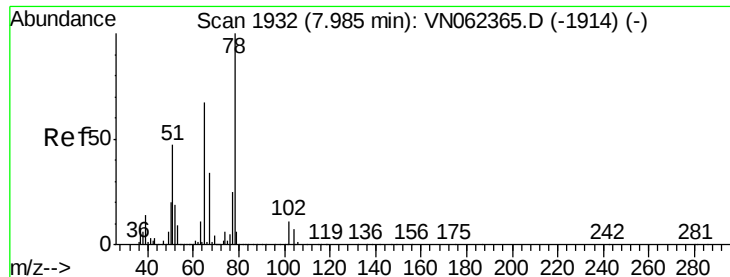
Tot Ion: 43 Resp: 29276
Ion Ratio Lower Upper
43 100
74 15.1 14.2 21.4



#20
Methylene Chloride
Concen: 10.241 ug/l
RT: 4.51 min Scan# 850
Delta R.T. 0.00 min
Lab File: VN062393.D
Acq: 7 Jul 2020 3:36

Tgt Ion: 84 Resp: 127517
Ion Ratio Lower Upper
84 100
49 157.2 121.8 182.6
51 47.9 35.0 52.4
86 63.9 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 50.365 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062393.D

Acq: 7 Jul 2020 3:36

Instrument :

MSVOA_N

ClientSampleId :

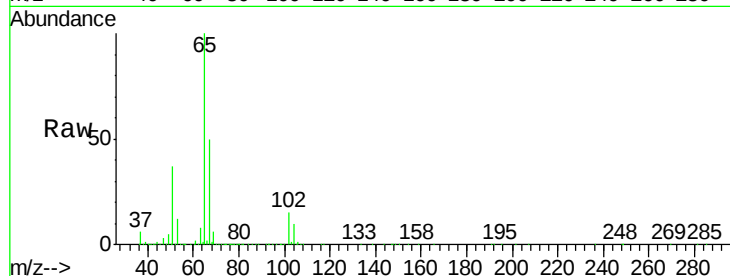
RO-COMP

Tot Ion: 65 Resp: 834115

Ion Ratio Lower Upper

65 100

67 50.3 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VN062393.D (-1839) (-)

Ion 66.90 (66.60 to 67.60): VN062393.D (-1839) (-)

7.99

400000

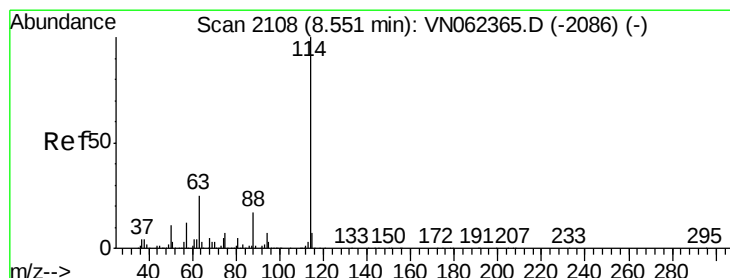
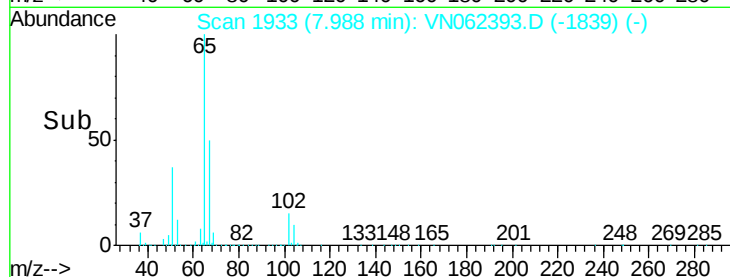
300000

200000

100000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062393.D

Acq: 7 Jul 2020 3:36

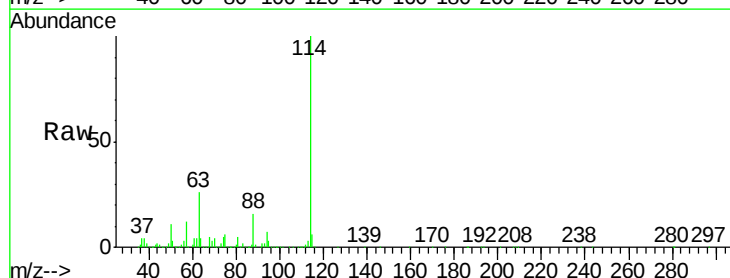
Tgt Ion: 114 Resp: 1684965

Ion Ratio Lower Upper

114 100

63 26.1 0.0 49.0

88 16.4 0.0 34.0



Abundance Ion 113.90 (113.60 to 114.60): VN062393.D (-2015) (-)

Ion 63.00 (62.70 to 63.70): VN062393.D (-2015) (-)

Ion 87.90 (87.60 to 88.60): VN062393.D (-2015) (-)

8.55

1000000

800000

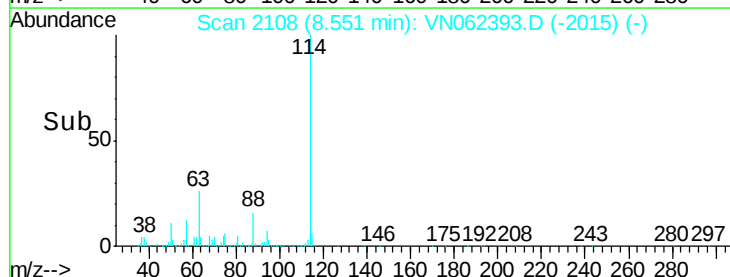
600000

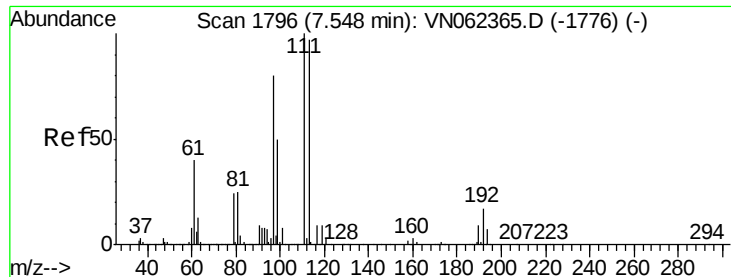
400000

200000

0

Time-->





#35

Dibromofluoromethane

Concen: 49.489 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN062393.D

Acq: 7 Jul 2020 3:36

Instrument :

MSVOA_N

ClientSampleId :

RO-COMP

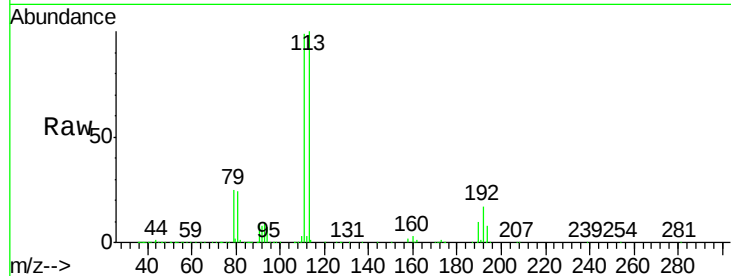
Tot Ion:113 Resp: 568861

Ion Ratio Lower Upper

113 100

111 102.1 83.2 124.8

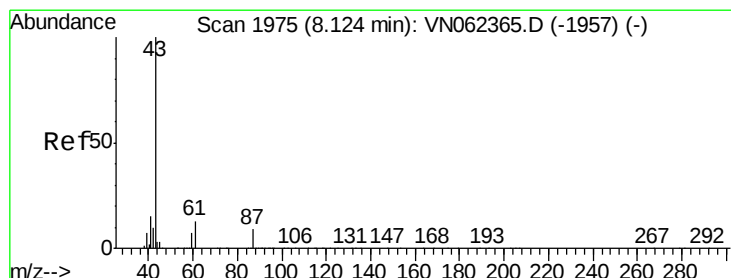
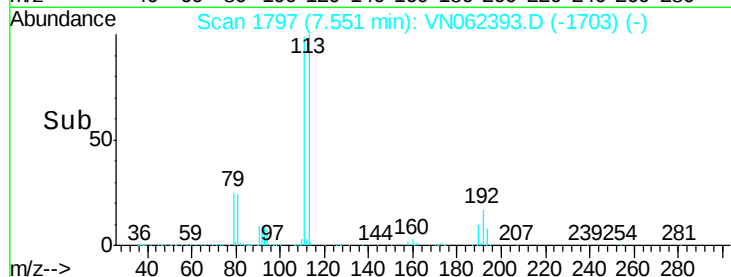
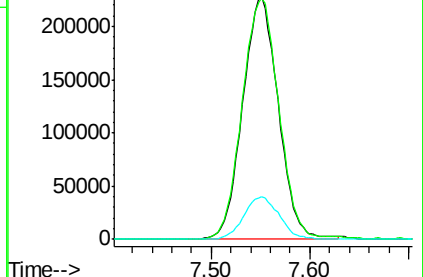
192 17.5 14.2 21.2



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: 9.104 ug/l

RT: 8.13 min Scan# 1977

Delta R.T. 0.01 min

Lab File: VN062393.D

Acq: 7 Jul 2020 3:36

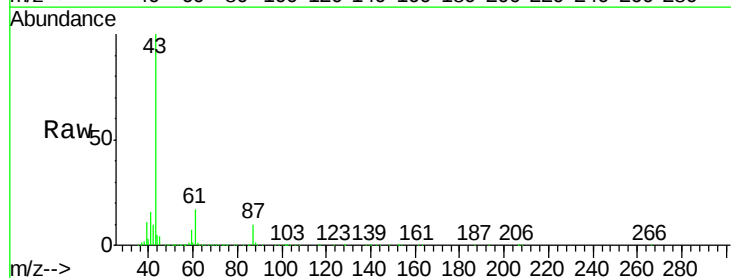
Tgt Ion: 43 Resp: 319602

Ion Ratio Lower Upper

43 100

61 16.0 13.1 19.7

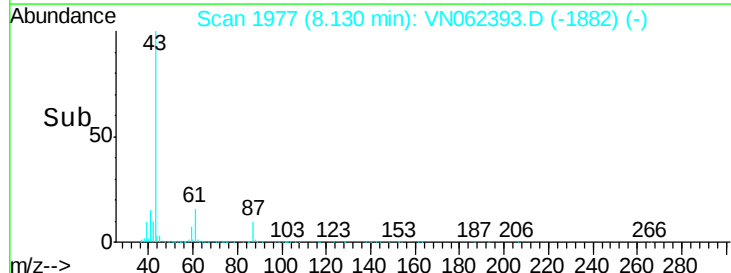
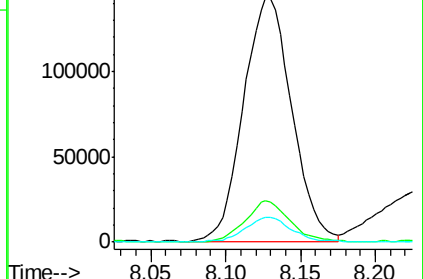
87 9.5 7.5 11.3

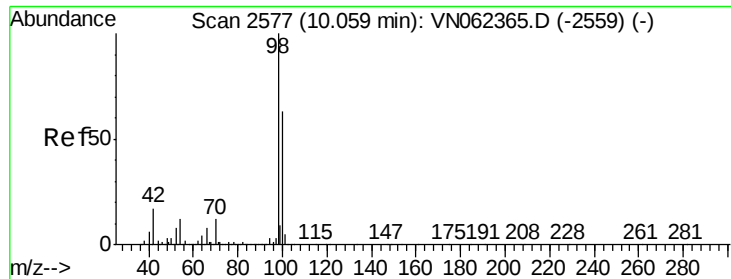


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 51.410 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062393.D

Acq: 7 Jul 2020 3:36

Instrument :

MSVOA_N

ClientSampleId :

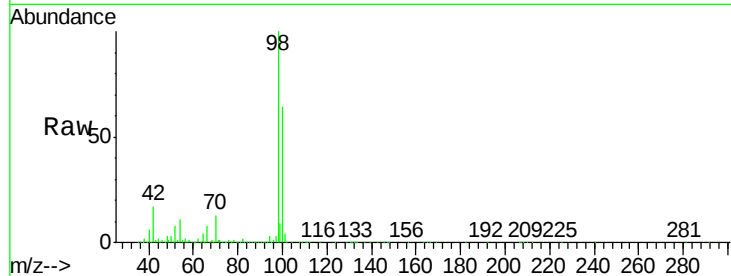
RO-COMP

Tot Ion: 98 Resp: 2209056

Ion Ratio Lower Upper

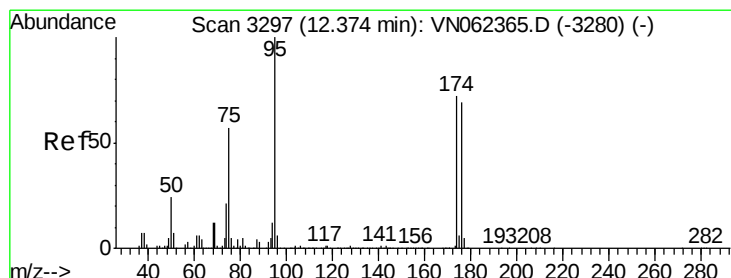
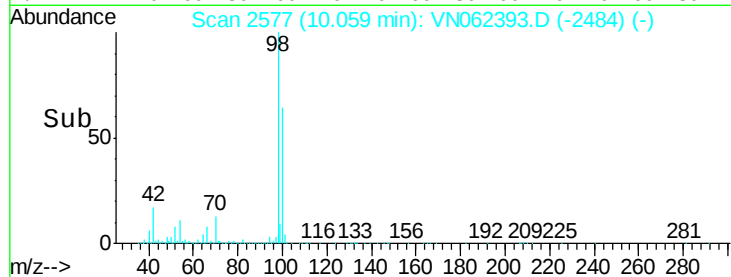
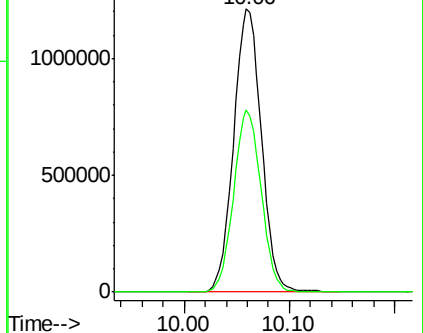
98 100

100 63.7 50.2 75.2



Abundance Ion 98.00 (97.70 to 98.70): VN062365.D (-2559) (-)

Ion 100.00 (99.70 to 100.70): VN062393.D (-2484) (-)



#62

4-Bromofluorobenzene

Concen: 48.414 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062393.D

Acq: 7 Jul 2020 3:36

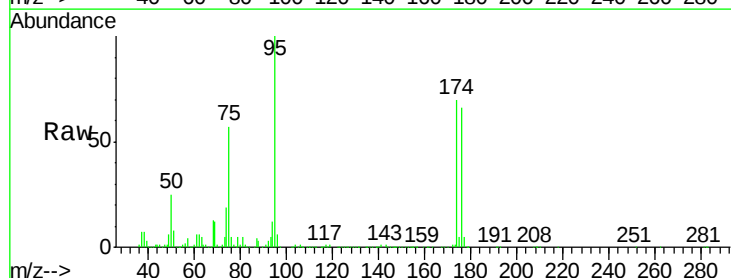
Tgt Ion: 95 Resp: 796742

Ion Ratio Lower Upper

95 100

174 71.5 0.0 145.8

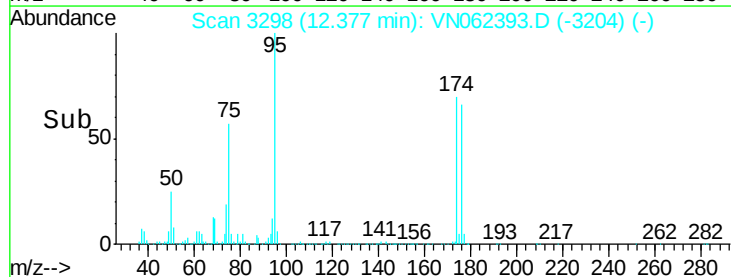
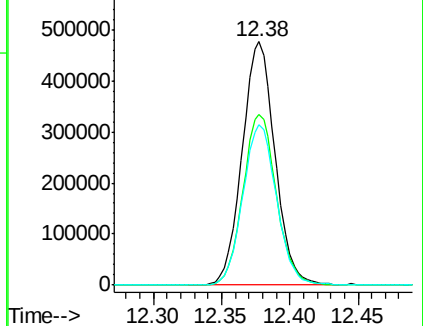
176 67.7 0.0 140.2

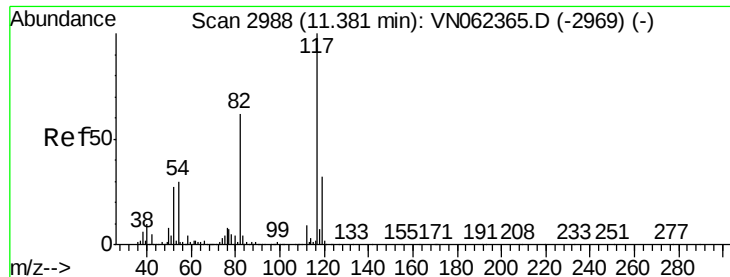


Abundance Ion 94.90 (94.60 to 95.60): VN062365.D (-3280) (-)

Ion 173.80 (173.50 to 174.50): VN062365.D (-3280) (-)

Ion 175.80 (175.50 to 176.50): VN062393.D (-3204) (-)

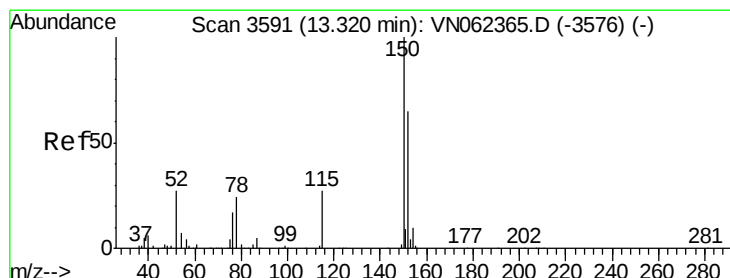
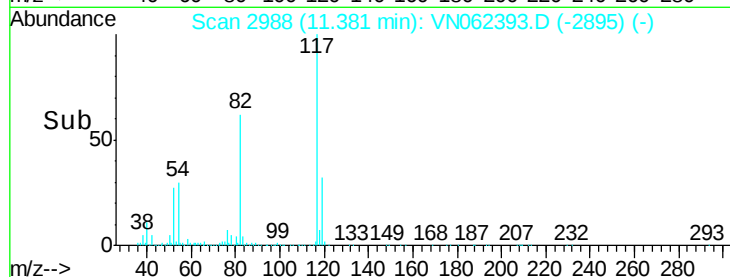
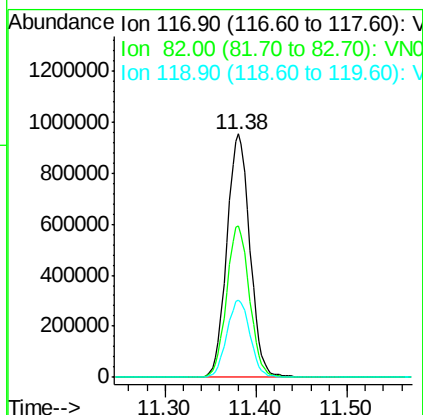
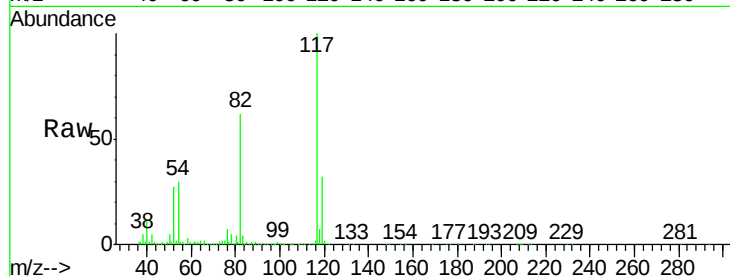




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062393.D
Acq: 7 Jul 2020 3:36

Instrument :
MSVOA_N
ClientSampleId :
RO-COMP

Tot Ion:117 Resp: 1675264
Ion Ratio Lower Upper
117 100
82 62.0 49.4 74.2
119 31.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. -0.00 min
Lab File: VN062393.D
Acq: 7 Jul 2020 3:36

Tgt Ion:152 Resp: 613432
Ion Ratio Lower Upper
152 100
115 62.7 30.5 91.5
150 159.7 0.0 346.8

