

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080720\
 Data File : VN062791.D
 Acq On : 7 Aug 2020 20:06
 Operator : JC/MD
 Sample : L3594-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

Quant Time: Aug 10 07:56:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

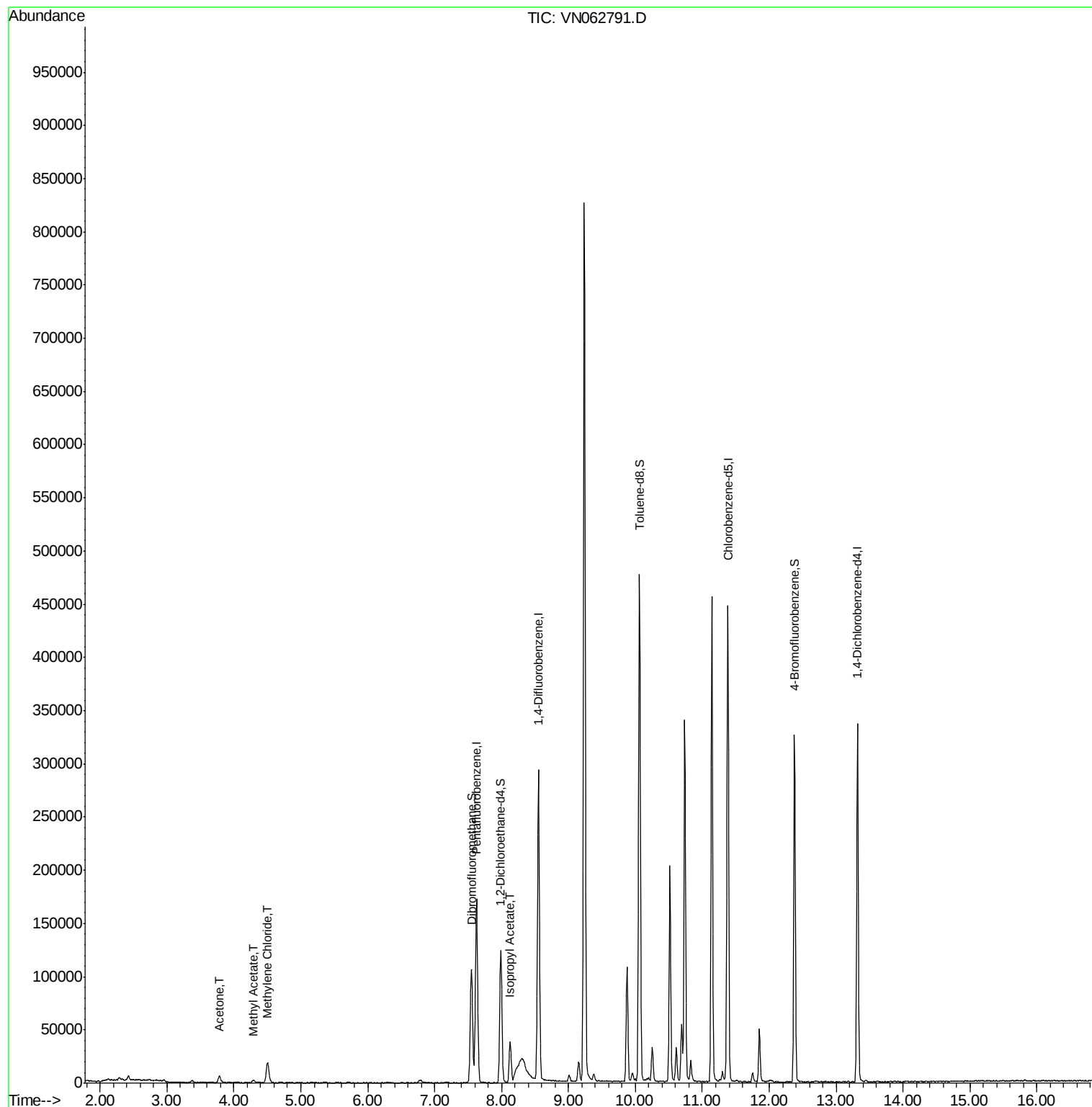
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	130887	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	246708	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	250488	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	88988	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	114003	52.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.34%	
35) Dibromofluoromethane	7.55	113	82385	48.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.64%	
50) Toluene-d8	10.06	98	321094	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.46%	
62) 4-Bromofluorobenzene	12.38	95	113299	45.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.00%	
Target Compounds						
16) Acetone	3.78	43	11353	14.516	ug/l	98
18) Methyl Acetate	4.29	43	4639	1.410	ug/l #	90
20) Methylene Chloride	4.50	84	14227	9.321	ug/l	97
43) Isopropyl Acetate	8.13	43	44819	10.708	ug/l	99

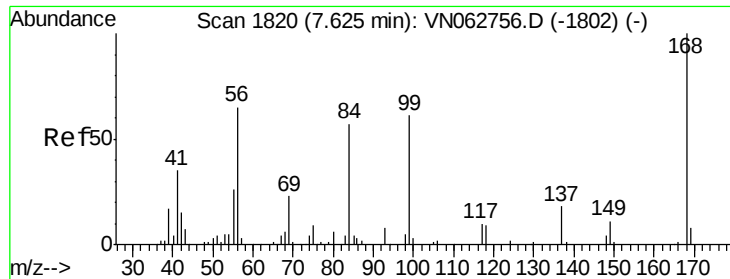
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN062791.D

Acq: 7 Aug 2020 20:06

Instrument :

MSVOA_N

ClientSampled :

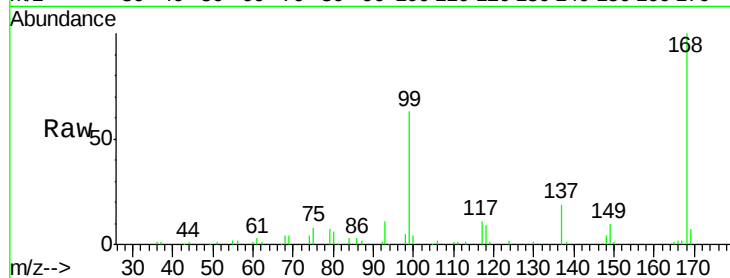
TP-2

Tot Ion:168 Resp: 130887

Ion Ratio Lower Upper

168 100

99 63.1 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

60000

50000

40000

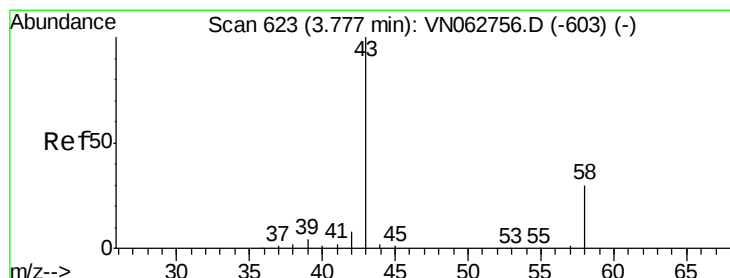
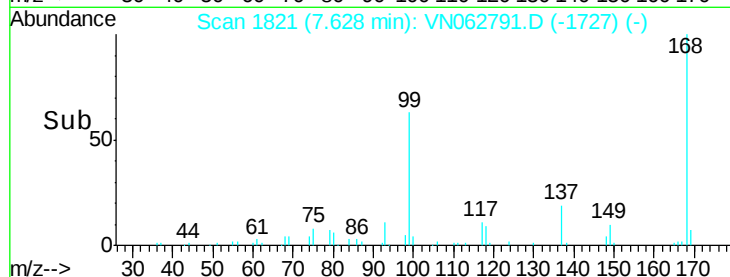
30000

20000

10000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 14.516 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN062791.D

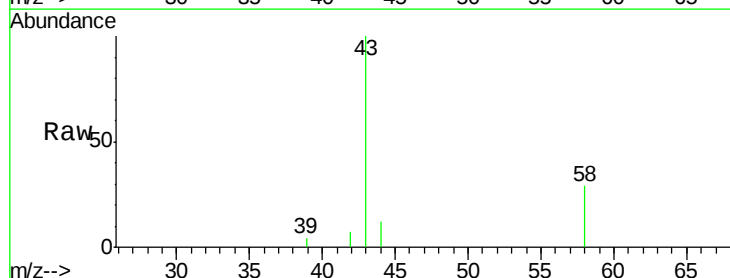
Acq: 7 Aug 2020 20:06

Tgt Ion: 43 Resp: 11353

Ion Ratio Lower Upper

43 100

58 29.2 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

4000

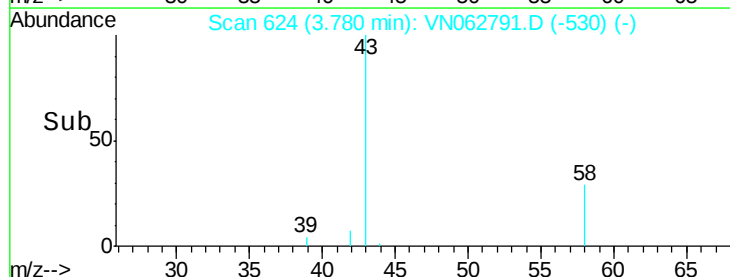
3000

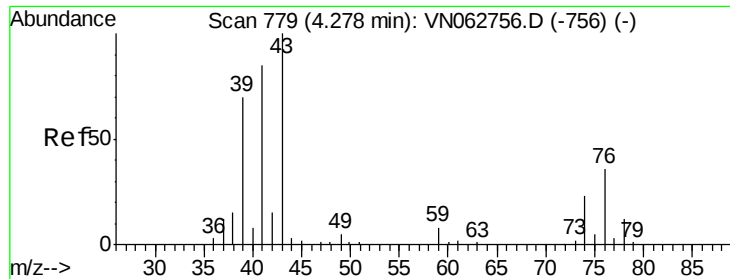
2000

1000

0

Time--> 3.70 3.75 3.80 3.85

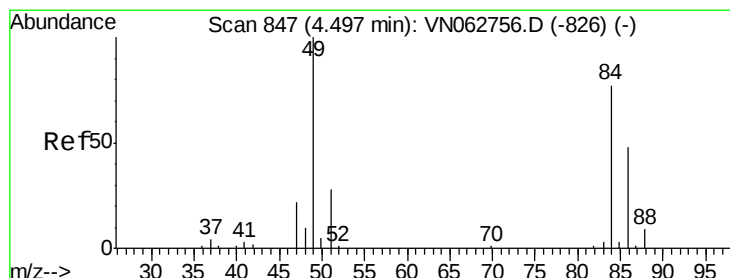
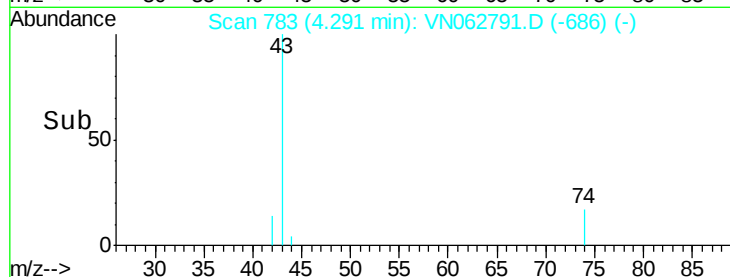
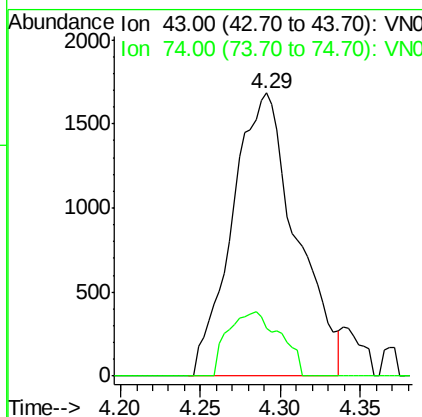
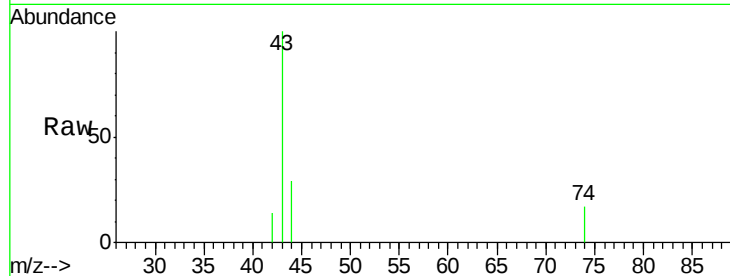




#18
Methvl Acetate
Concen: 1.410 ug/l
RT: 4.29 min Scan# 783
Delta R.T. 0.01 min
Lab File: VN062791.D
Acq: 7 Aug 2020 20:06

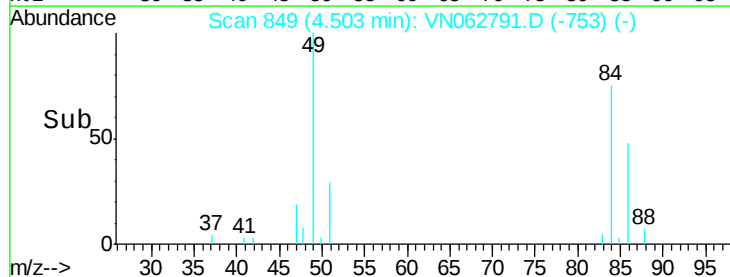
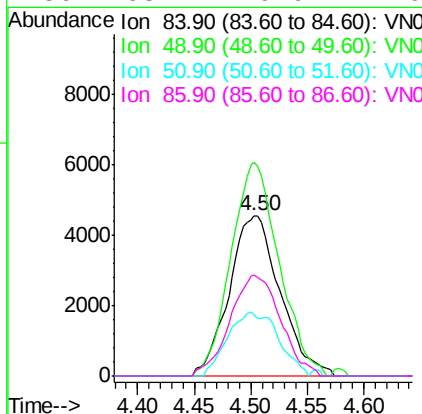
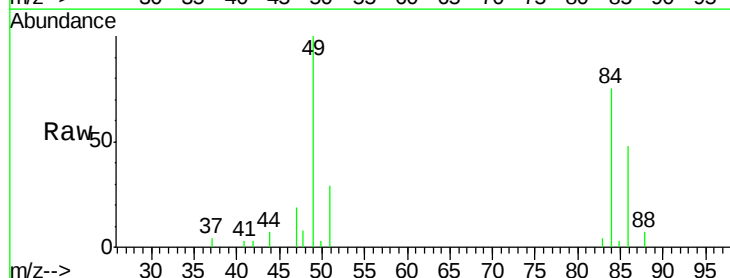
Instrument :
MSVOA_N
ClientSampleId :
TP-2

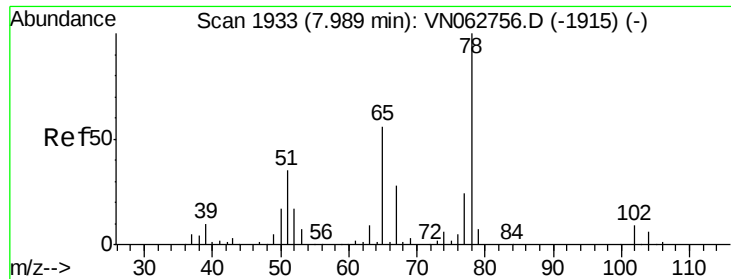
Tot Ion: 43 Resp: 4639
Ion Ratio Lower Upper
43 100
74 18.5 18.6 28.0#



#20
Methylene Chloride
Concen: 9.321 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.01 min
Lab File: VN062791.D
Acq: 7 Aug 2020 20:06

Tgt Ion: 84 Resp: 14227
Ion Ratio Lower Upper
84 100
49 133.2 103.4 155.2
51 38.5 29.3 43.9
86 63.4 49.9 74.9





#33

1,2-Dichloroethane-d4

Concen: 52.670 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062791.D

Acq: 7 Aug 2020 20:06

Instrument :

MSVOA_N

ClientSampled :

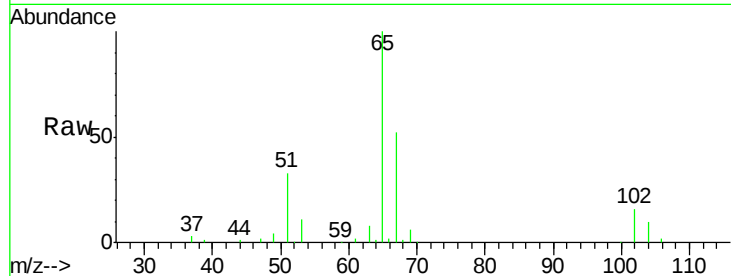
TP-2

Tot Ion: 65 Resp: 114003

Ion Ratio Lower Upper

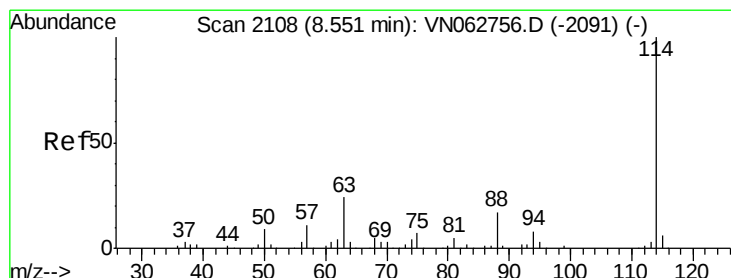
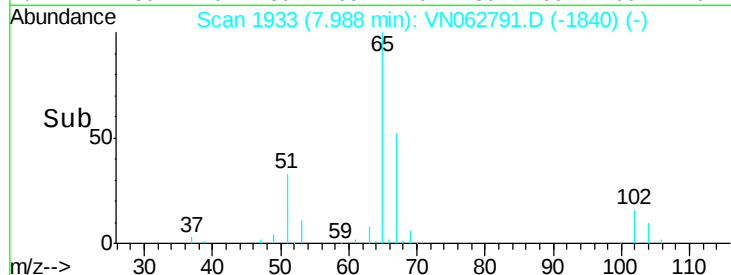
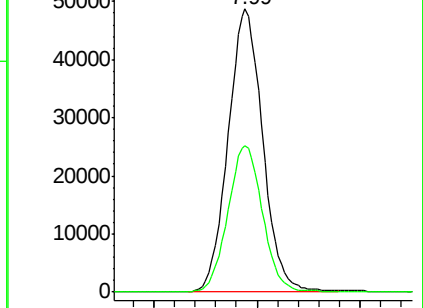
65 100

67 51.7 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VN062756.D (-1915) (-)

Ion 66.90 (66.60 to 67.60): VN062756.D (-1915) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062791.D

Acq: 7 Aug 2020 20:06

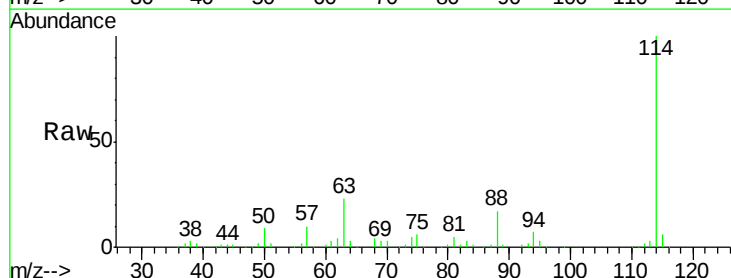
Tgt Ion: 114 Resp: 246708

Ion Ratio Lower Upper

114 100

63 22.9 0.0 47.6

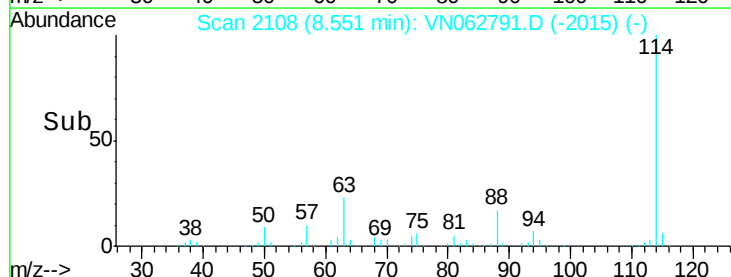
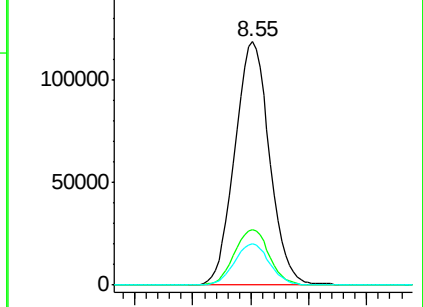
88 16.8 0.0 34.4

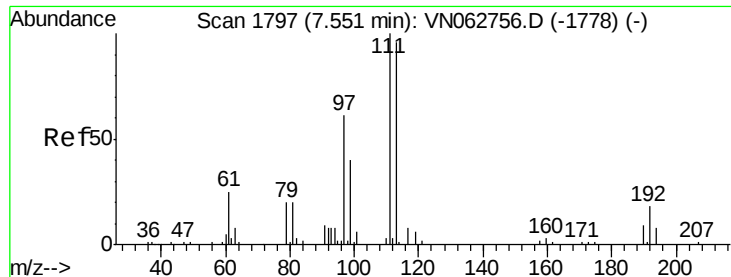


Abundance Ion 113.90 (113.60 to 114.60): VN062756.D (-2091) (-)

Ion 63.00 (62.70 to 63.70): VN062756.D (-2091) (-)

Ion 87.90 (87.60 to 88.60): VN062756.D (-2091) (-)

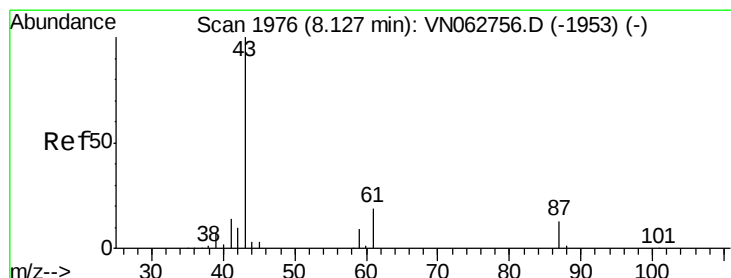
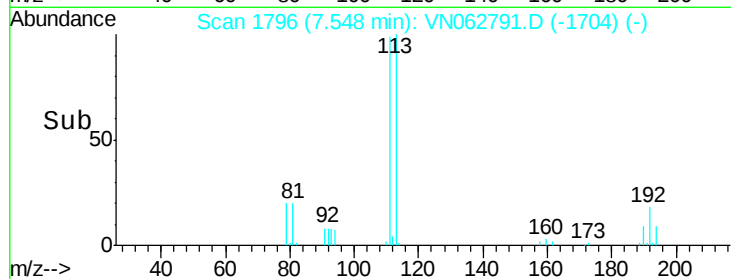
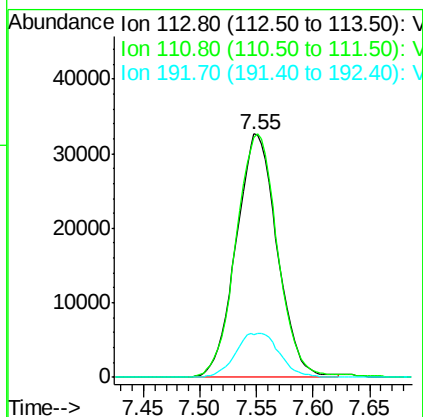
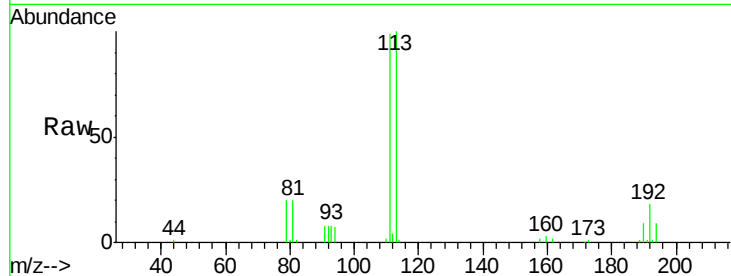




#35
 Dibromofluoromethane
 Concen: 48.817 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062791.D
 Acq: 7 Aug 2020 20:06

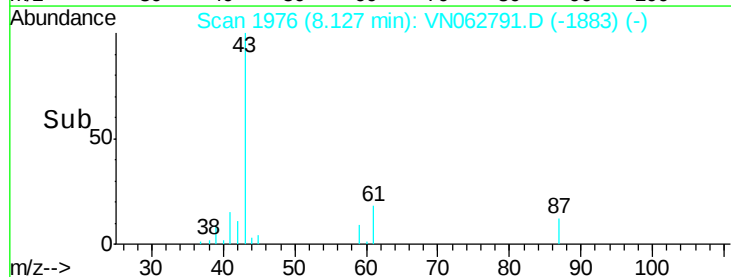
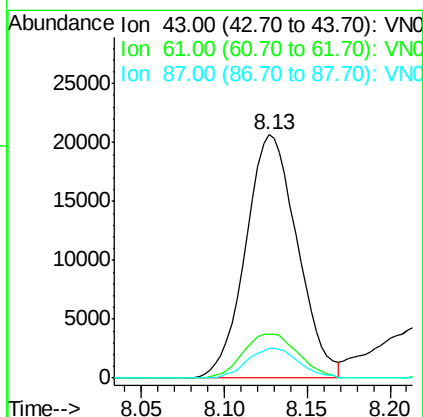
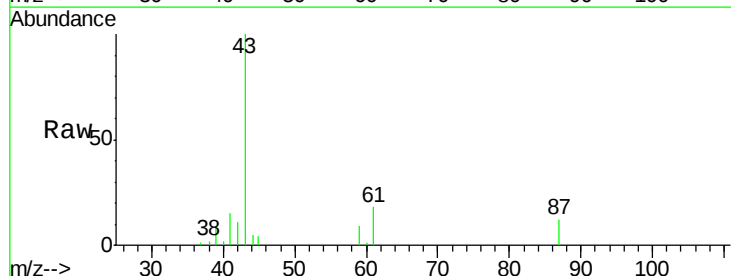
Instrument :
 MSVOA_N
 ClientSampled :
 TP-2

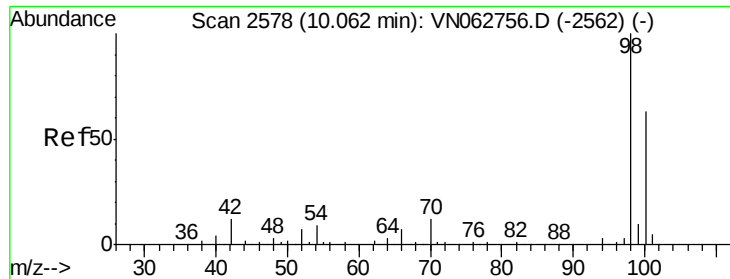
Tot Ion:113 Resp: 82385
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.8 122.6
 192 19.3 15.0 22.4



#43
 Isopropyl Acetate
 Concen: 10.708 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: VN062791.D
 Acq: 7 Aug 2020 20:06

Tgt Ion: 43 Resp: 44819
 Ion Ratio Lower Upper
 43 100
 61 19.2 15.8 23.6
 87 12.2 9.9 14.9





#50

Toluene-d8

Concen: 48.735 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. -0.00 min

Lab File: VN062791.D

Acq: 7 Aug 2020 20:06

Instrument :

MSVOA_N

ClientSampled :

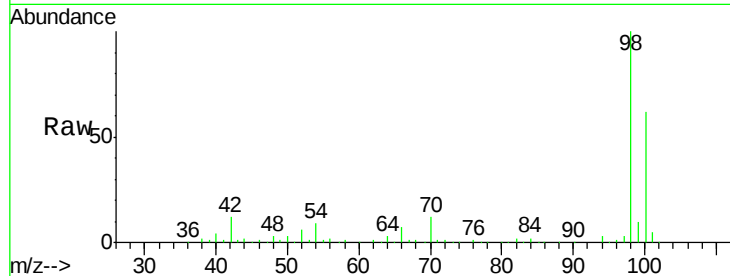
TP-2

Tot Ion: 98 Resp: 321094

Ion Ratio Lower Upper

98 100

100 63.6 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.06

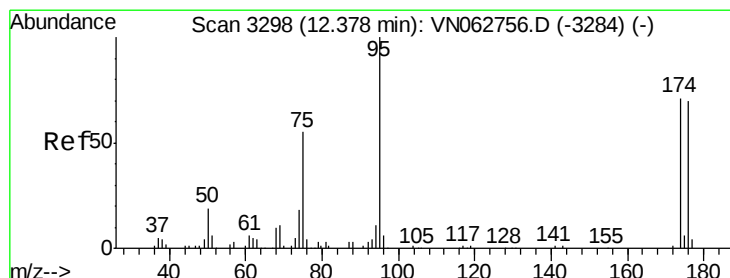
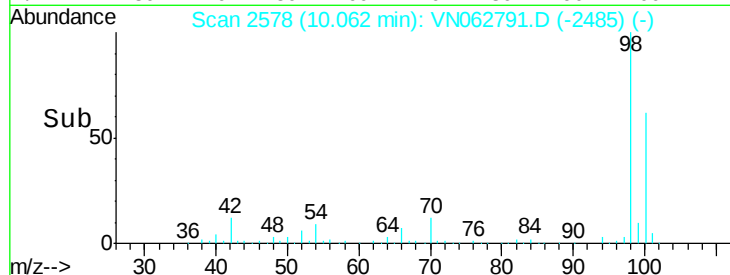
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.505 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062791.D

Acq: 7 Aug 2020 20:06

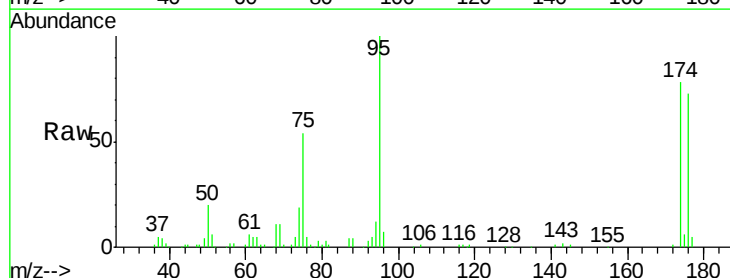
Tgt Ion: 95 Resp: 113299

Ion Ratio Lower Upper

95 100

174 75.6 0.0 144.8

176 72.0 0.0 142.2



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.38

80000

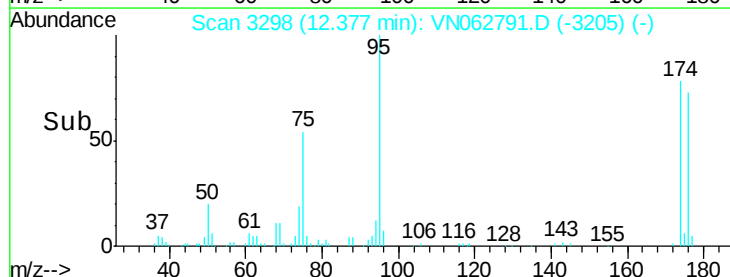
60000

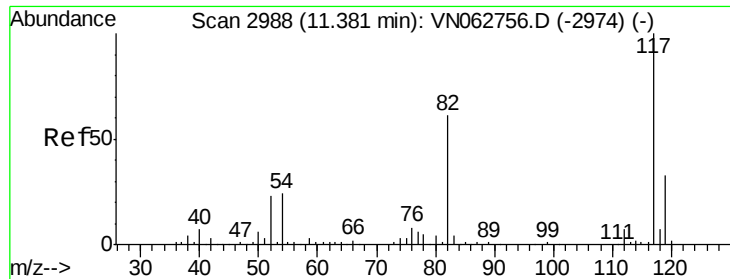
40000

20000

0

Time-->

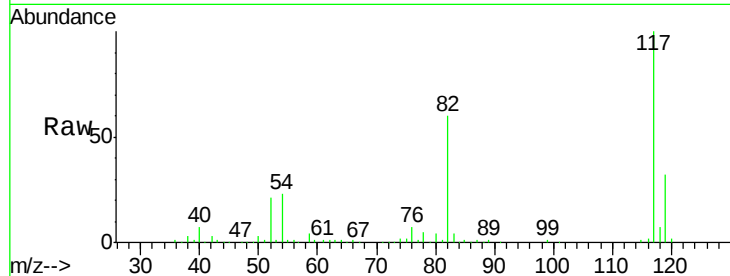




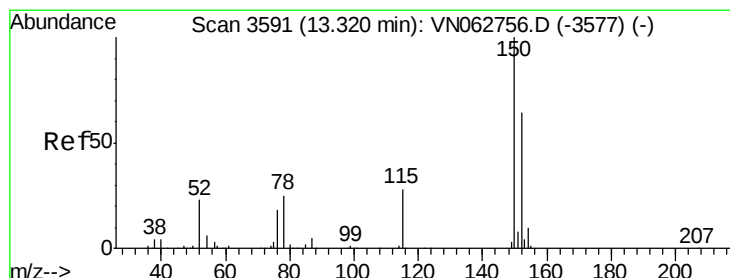
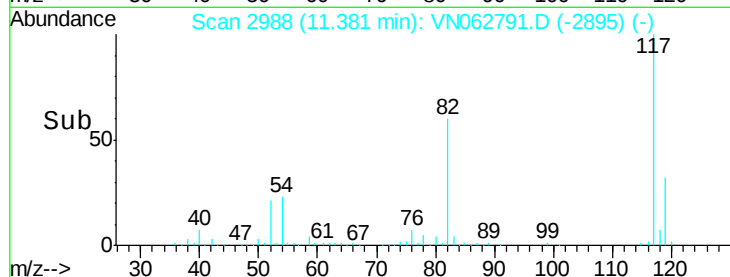
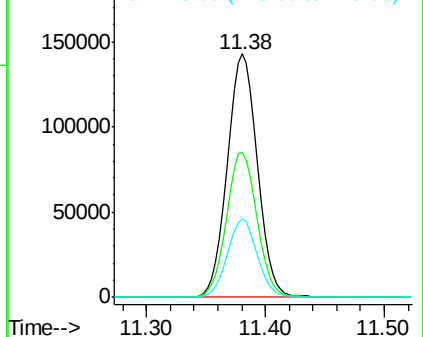
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062791.D
Acq: 7 Aug 2020 20:06

Instrument :
MSVOA_N
ClientSampled :
TP-2

Tot Ion:117 Resp: 250488
Ion Ratio Lower Upper
117 100
82 59.8 49.0 73.4
119 32.3 26.2 39.2

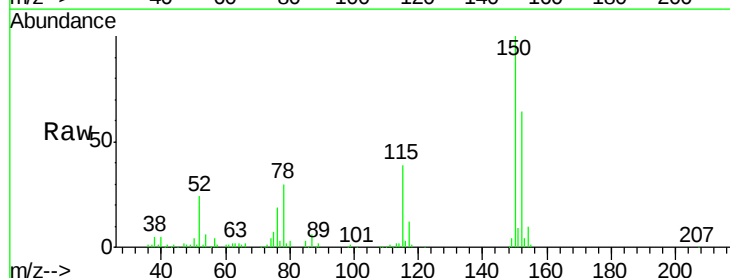


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. -0.00 min
Lab File: VN062791.D
Acq: 7 Aug 2020 20:06

Tgt Ion:152 Resp: 88988
Ion Ratio Lower Upper
152 100
115 62.7 31.6 94.8
150 158.9 0.0 349.2



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

