

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100820\
 Data File : VN064002.D
 Acq On : 8 Oct 2020 19:41
 Operator : JC/MD
 Sample : L4331-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SHELL-L15-L14

Quant Time: Oct 09 06:44:57 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

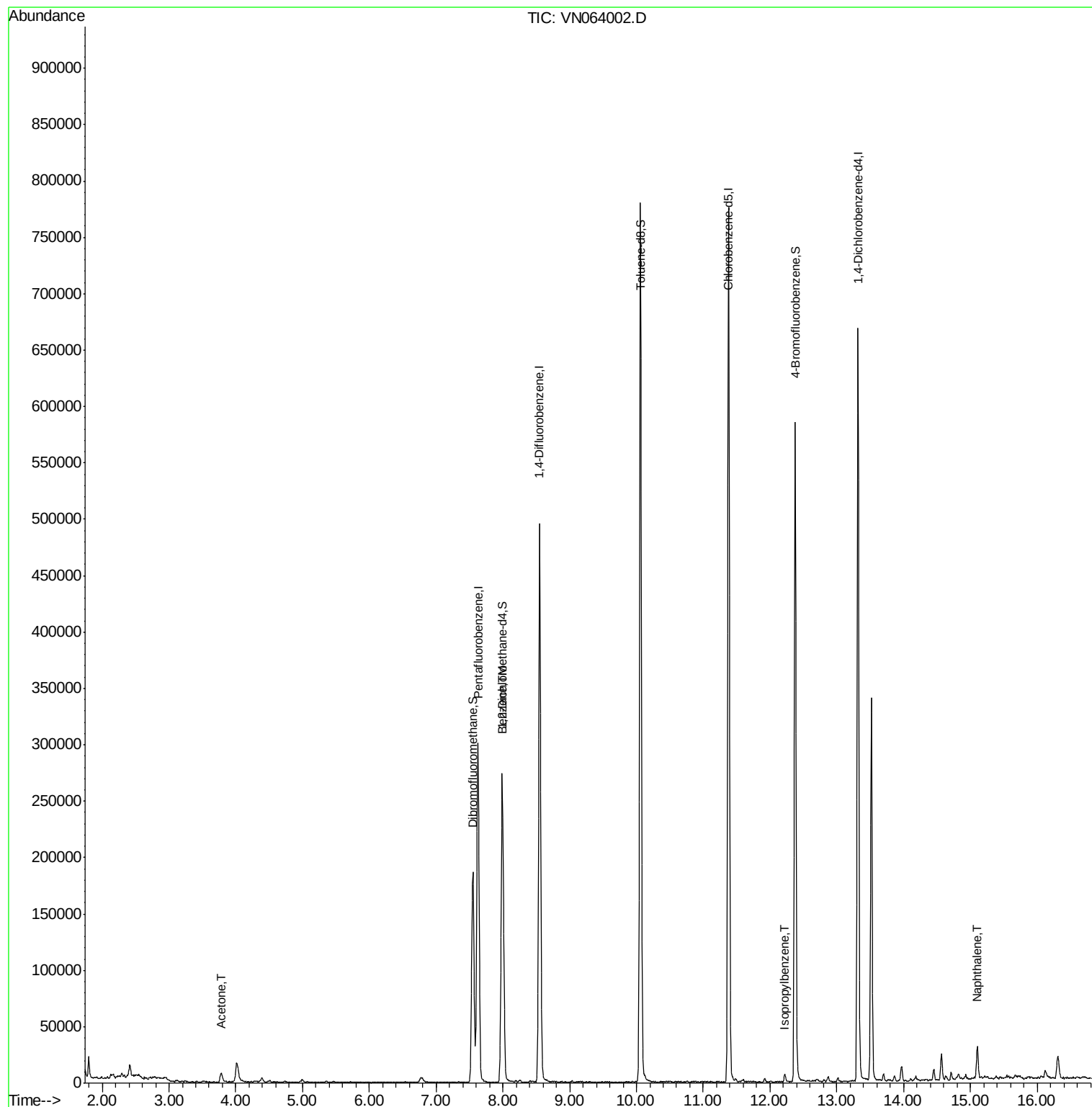
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	225118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	414467	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	421779	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	168672	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	190256	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.32%	
35) Dibromofluoromethane	7.55	113	142821	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
50) Toluene-d8	10.06	98	528900	48.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.02%	
62) 4-Bromofluorobenzene	12.38	95	200913	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.04%	
Target Compounds						
16) Acetone	3.78	43	14941	13.050	ug/l	92
40) Benzene	8.00	78	86900	7.246	ug/l	99
73) Isopropylbenzene	12.22	105	4583	0.373	ug/l	91
95) Naphthalene	15.10	128	26162	4.688	ug/l	99

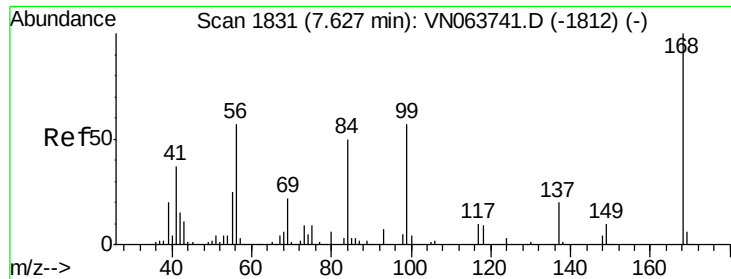
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064002.D

Acq: 8 Oct 2020 19:41

Instrument :

MSVOA_N

ClientSampleId :

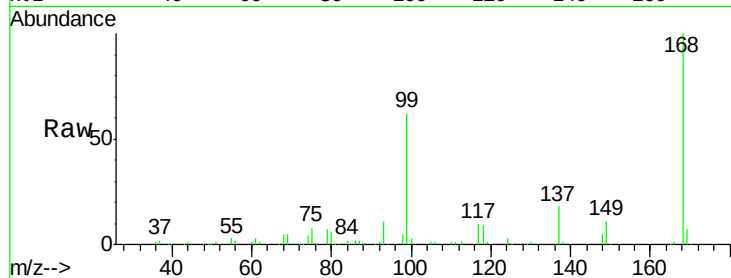
SHELL-L15-L14

Tot Ion:168 Resp: 225118

Ion Ratio Lower Upper

168 100

99 61.8 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

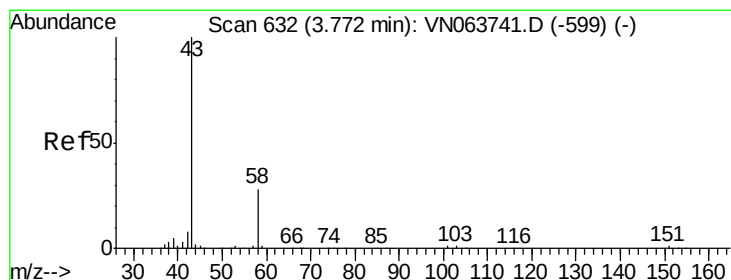
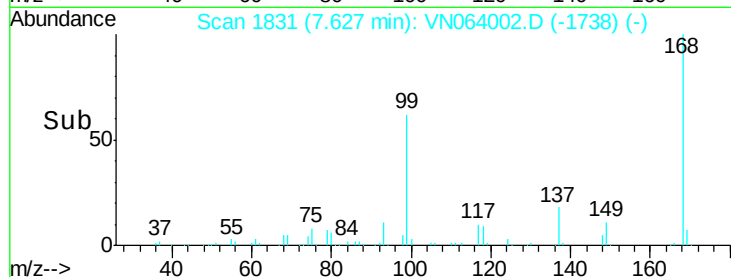
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 13.050 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN064002.D

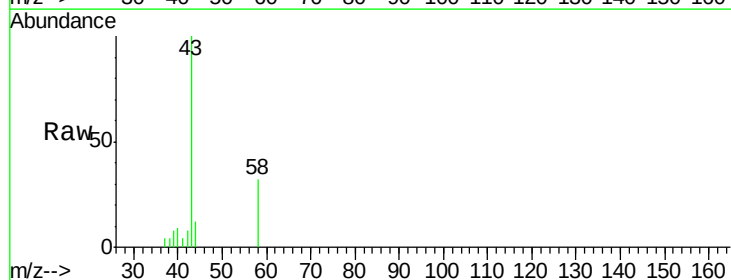
Acq: 8 Oct 2020 19:41

Tgt Ion: 43 Resp: 14941

Ion Ratio Lower Upper

43 100

58 32.1 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

5000

4000

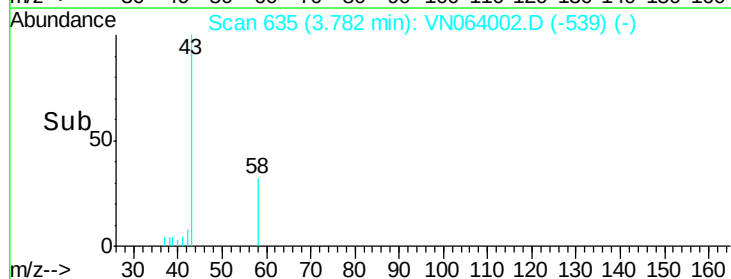
3000

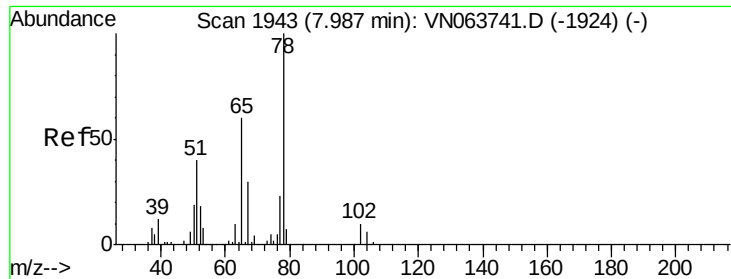
2000

1000

0

Time--> 3.70 3.80 3.90

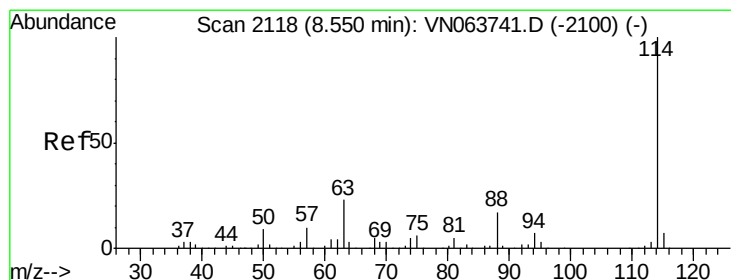
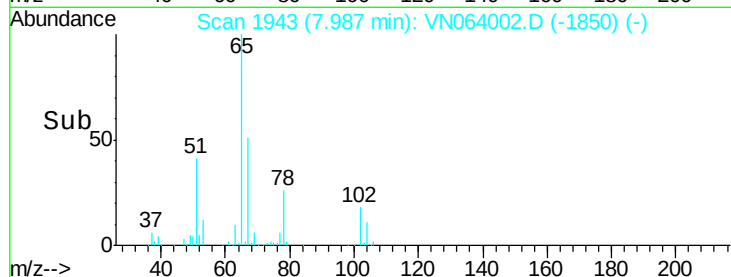
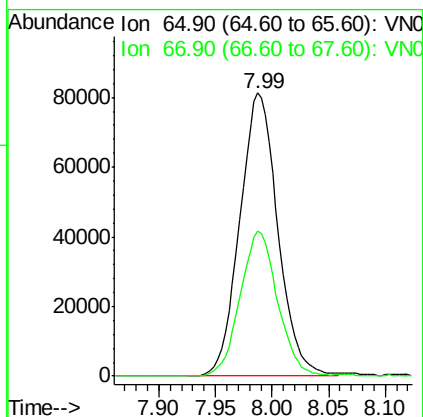
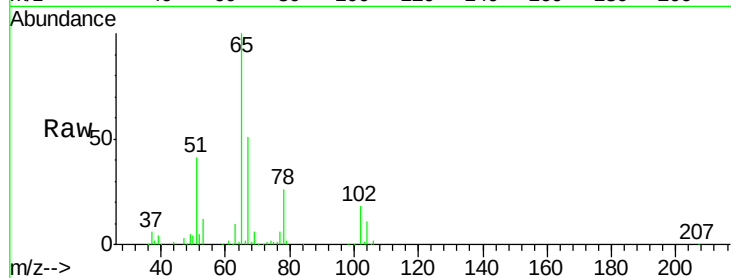




#33
 1,2-Dichloroethane-d4
 Concen: 51.156 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064002.D
 Acq: 8 Oct 2020 19:41

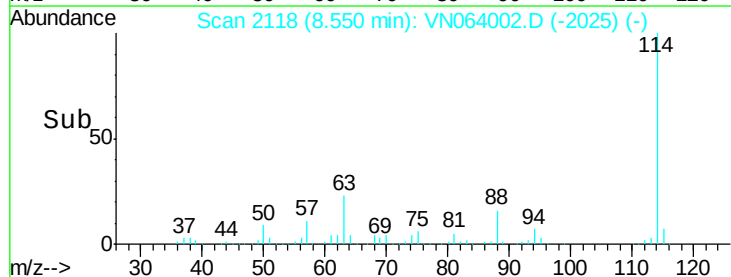
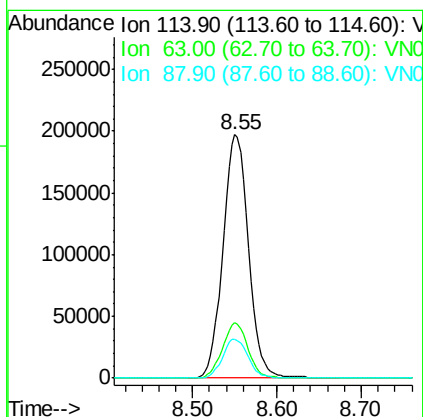
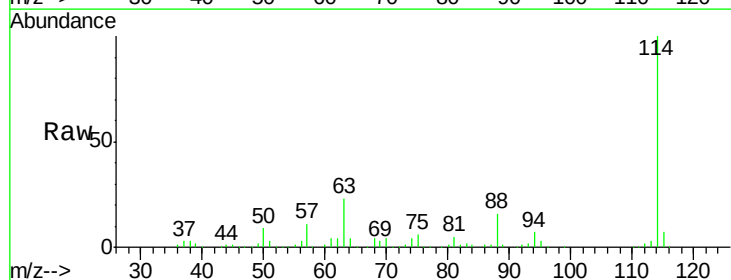
Instrument :
 MSVOA_N
 ClientSampleId :
 SHELL-L15-L14

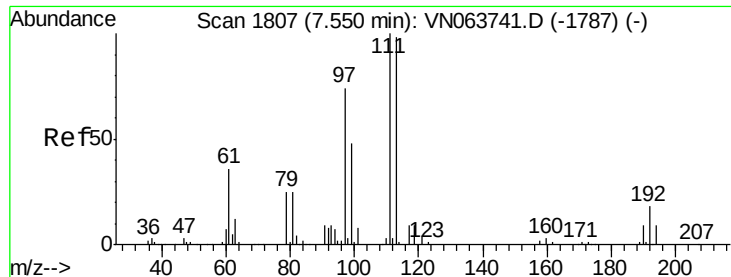
Tot Ion: 65 Resp: 190256
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064002.D
 Acq: 8 Oct 2020 19:41

Tgt Ion: 114 Resp: 414467
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 45.0
 88 16.0 0.0 34.0

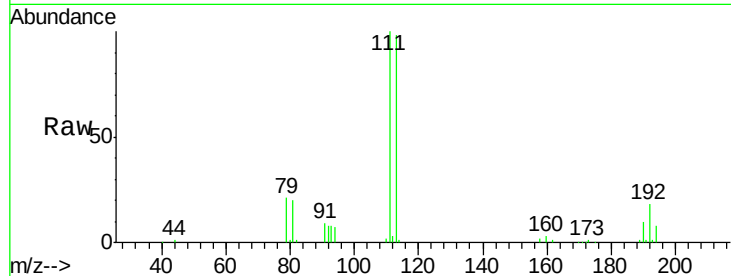




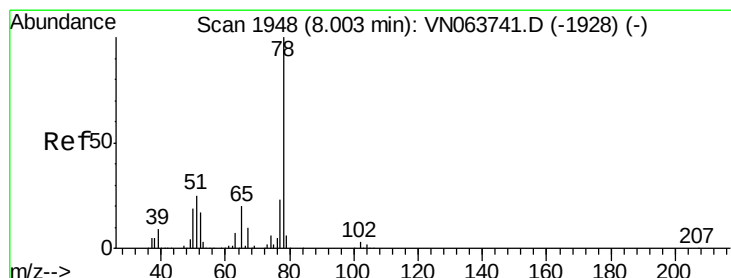
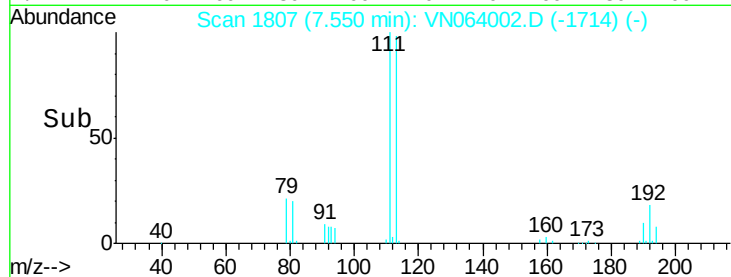
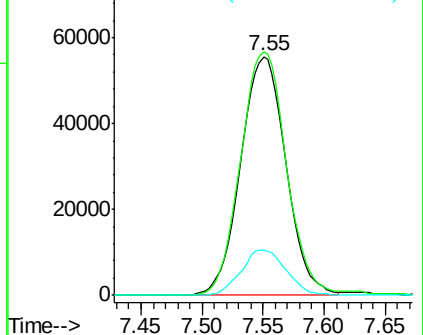
#35
Dibromofluoromethane
Concen: 49.662 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064002.D
Acq: 8 Oct 2020 19:41

Instrument :
MSVOA_N
ClientSampleId :
SHELL-L15-L14

Tot Ion:113 Resp: 142821
Ion Ratio Lower Upper
113 100
111 103.1 81.8 122.8
192 18.9 14.2 21.2

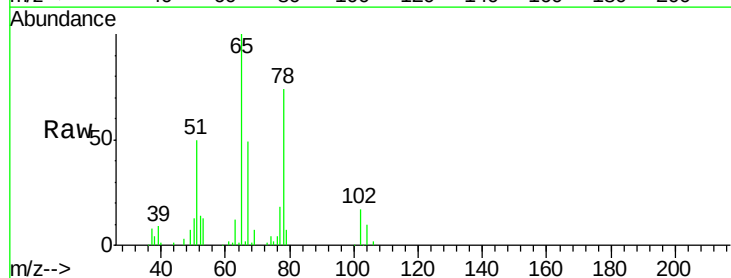


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

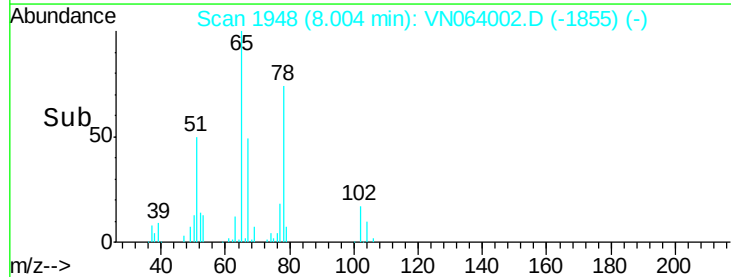
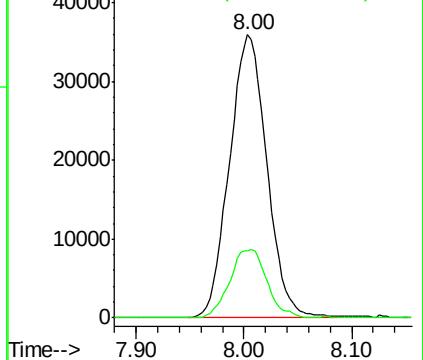


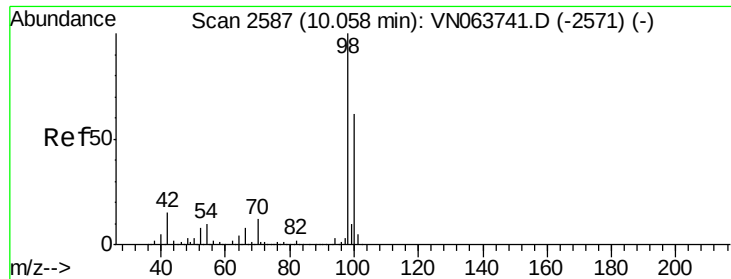
#40
Benzene
Concen: 7.246 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064002.D
Acq: 8 Oct 2020 19:41

Tgt Ion: 78 Resp: 86900
Ion Ratio Lower Upper
78 100
77 23.9 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): V
Ion 77.00 (76.70 to 77.70): V





#50

Toluene-d8

Concen: 48.513 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064002.D

Acq: 8 Oct 2020 19:41

Instrument :

MSVOA_N

ClientSampleId :

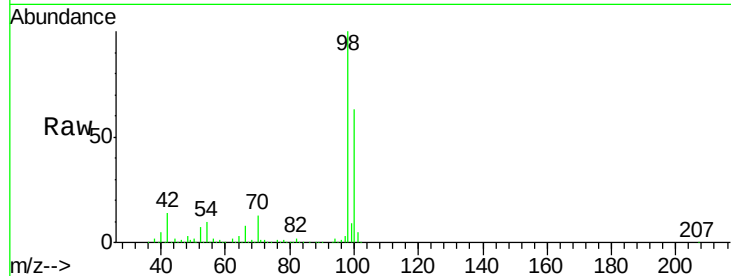
SHELL-L15-L14

Tot Ion: 98 Resp: 528900

Ion Ratio Lower Upper

98 100

100 62.8 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) (-)

10.06

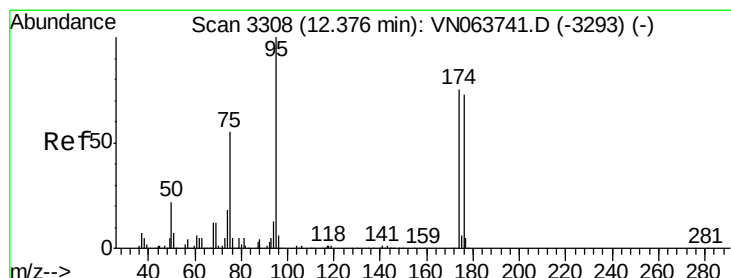
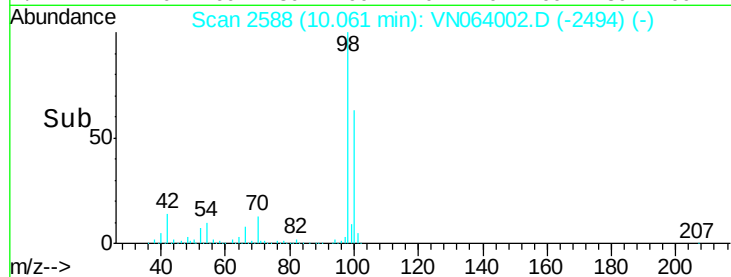
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.024 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064002.D

Acq: 8 Oct 2020 19:41

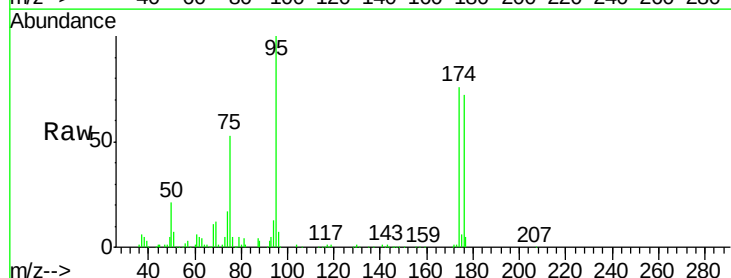
Tgt Ion: 95 Resp: 200913

Ion Ratio Lower Upper

95 100

174 75.5 0.0 150.6

176 73.3 0.0 145.4



Abundance Ion 94.90 (94.60 to 95.60): VN063741.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN063741.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN063741.D (-3293) (-)

12.38

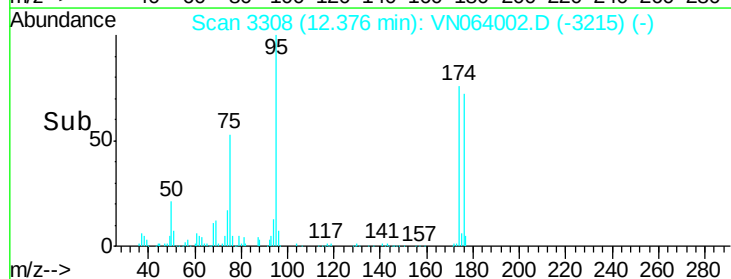
150000

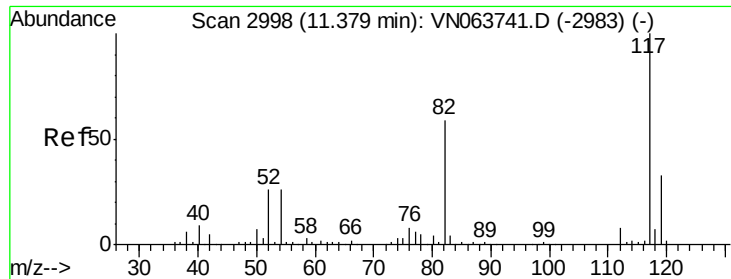
100000

50000

0

Time-->

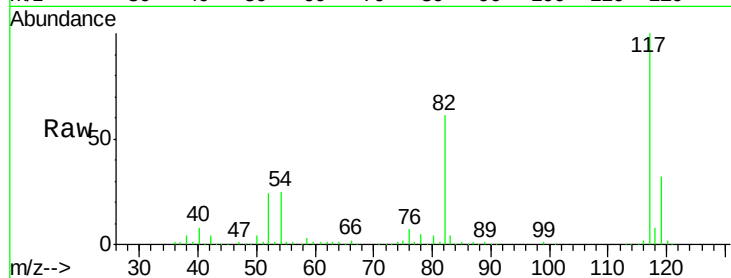




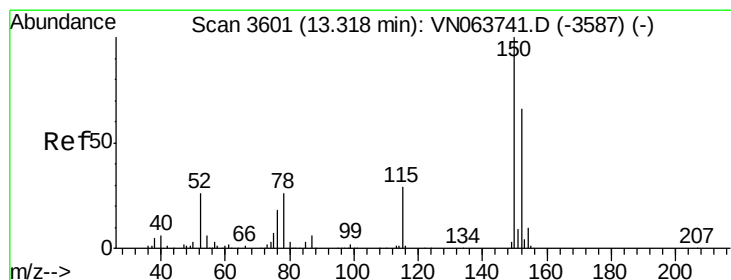
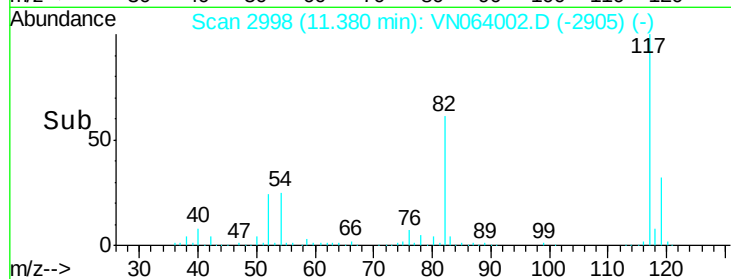
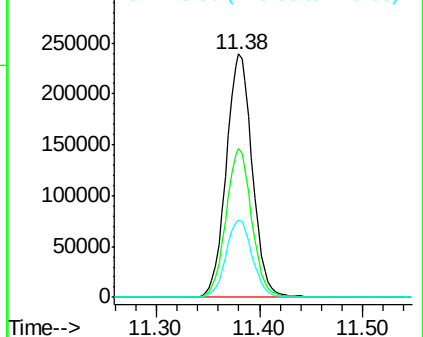
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064002.D
Acq: 8 Oct 2020 19:41

Instrument :
MSVOA_N
ClientSampleId :
SHELL-L15-L14

Tot Ion:117 Resp: 421779
Ion Ratio Lower Upper
117 100
82 61.2 47.4 71.2
119 31.8 26.4 39.6

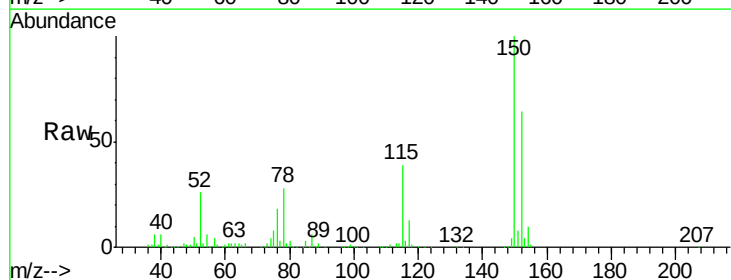


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

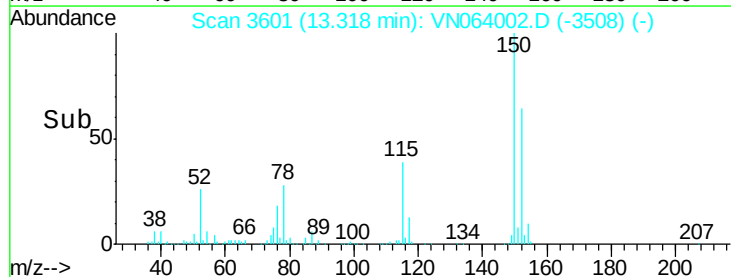
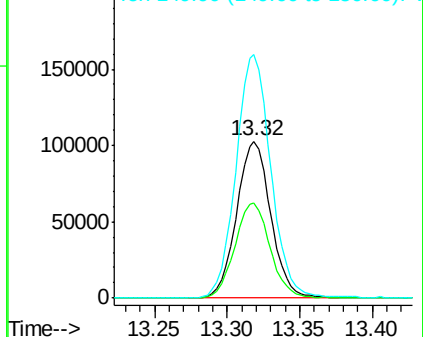


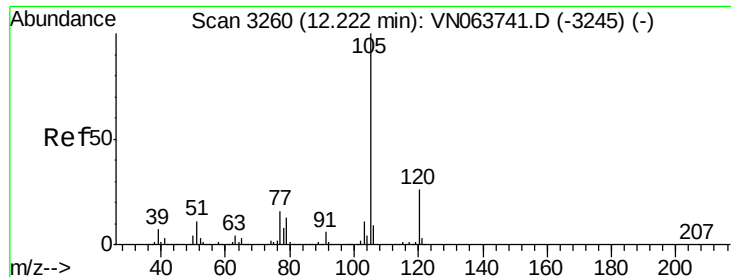
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064002.D
Acq: 8 Oct 2020 19:41

Tgt Ion:152 Resp: 168672
Ion Ratio Lower Upper
152 100
115 62.8 31.3 93.8
150 158.2 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





#73

Isopropylbenzene

Concen: 0.373 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064002.D

Acq: 8 Oct 2020 19:41

Instrument :

MSVOA_N

ClientSampled :

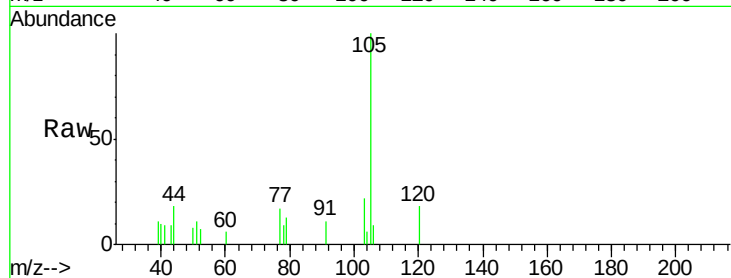
SHELL-L15-L14

Tot Ion:105 Resp: 4583

Ion Ratio Lower Upper

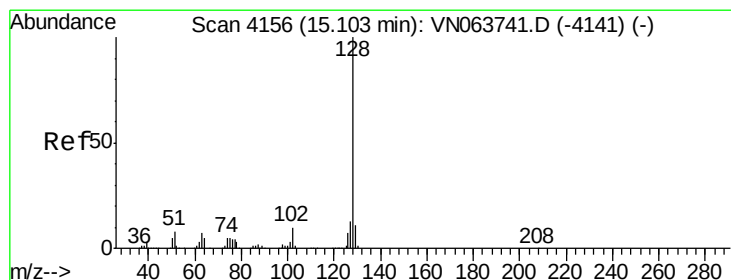
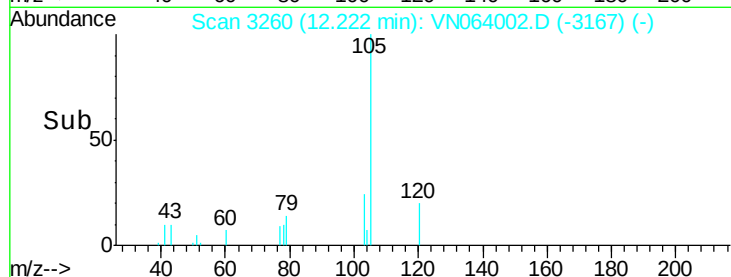
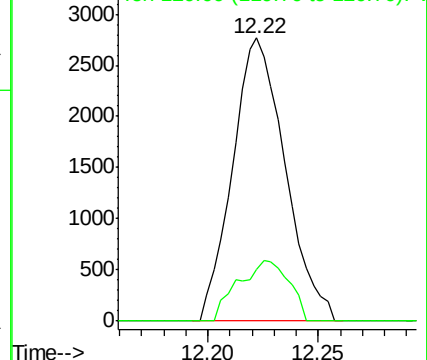
105 100

120 20.7 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 4.688 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064002.D

Acq: 8 Oct 2020 19:41

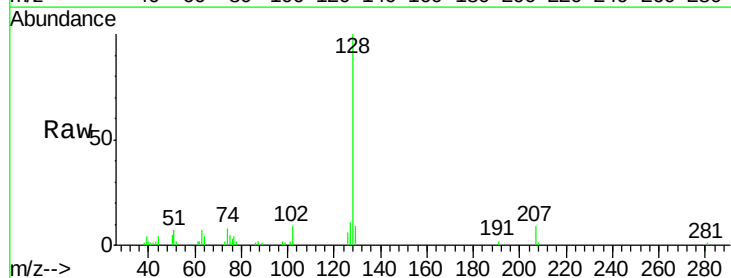
Tgt Ion:128 Resp: 26162

Ion Ratio Lower Upper

128 100

127 13.5 10.5 15.7

129 10.3 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

