

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081220\
 Data File : VN062853.D
 Acq On : 12 Aug 2020 13:12
 Operator : JC/MD
 Sample : L3671-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-TB-20200810

Quant Time: Aug 13 05:21:13 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	120936	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	206000	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	207592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	79446	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	102284	51.14	ug/l	0.00
Spiked Amount			Recovery	=	102.28%	
35) Dibromofluoromethane	7.55	113	74906	53.16	ug/l	0.00
Spiked Amount			Recovery	=	106.32%	
50) Toluene-d8	10.06	98	268019	48.72	ug/l	0.00
Spiked Amount			Recovery	=	97.44%	
62) 4-Bromofluorobenzene	12.38	95	100263	48.23	ug/l	0.00
Spiked Amount			Recovery	=	96.46%	

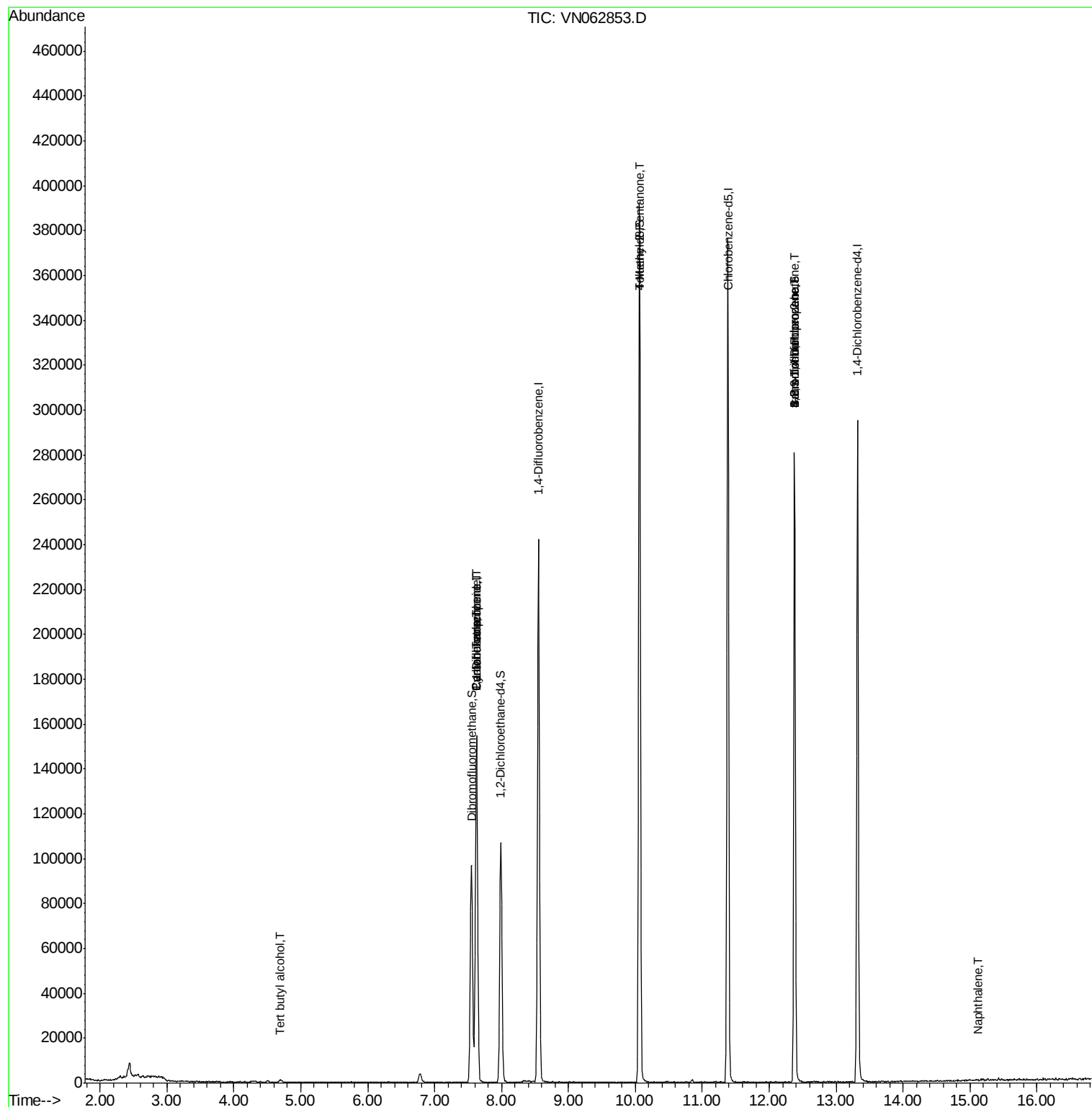
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.70	59	678	2.068	ug/l #	72
18) Methyl Acetate	4.28	43	642	Below Cal	#	52
20) Methylene Chloride	4.50	84	400	Below Cal	#	72
31) Cyclohexane	7.62	56	2510	1.035	ug/l #	1
36) 1,1-Dichloropropene	7.63	75	10026	4.998	ug/l #	51
38) Carbon Tetrachloride	7.63	117	13007	5.483	ug/l #	15
51) 4-Methyl-2-Pentanone	10.06	43	1446	0.639	ug/l #	1
71) Bromoform	12.37	173	358	0.251	ug/l #	29
76) 1,2,3-Trichloropropane	12.38	75	52949	24.713	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	52949	75.441	ug/l #	10
95) Naphthalene	15.12	128	161	3.749	ug/l #	68

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081220\
Data File : VN062853.D
Acq On : 12 Aug 2020 13:12
Operator : JC/MD
Sample : L3671-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-TB-20200810

Quant Time: Aug 13 05:21:13 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 2020
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: VN062853.D

Acq: 12 Aug 2020 13:12

Instrument :

MSVOA_N

ClientSampleId :

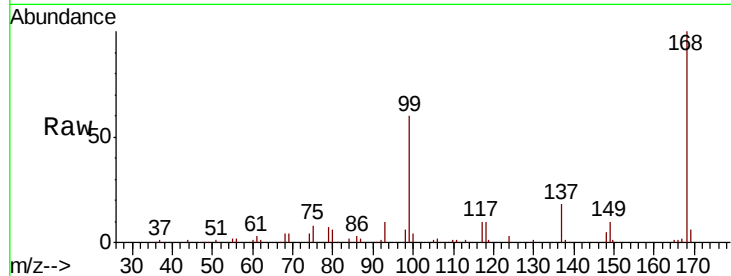
BP-VPB181-TB-20200810

Tot Ion:168 Resp: 120936

Ion Ratio Lower Upper

168 100

99 60.0 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

60000

50000

40000

30000

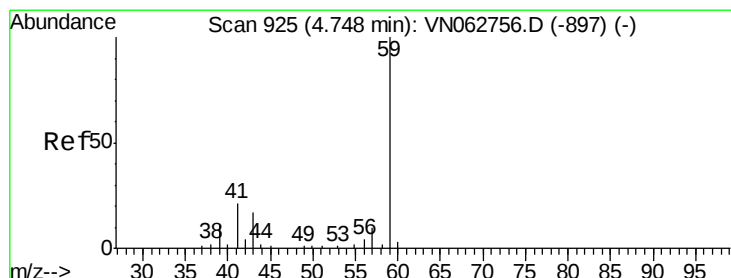
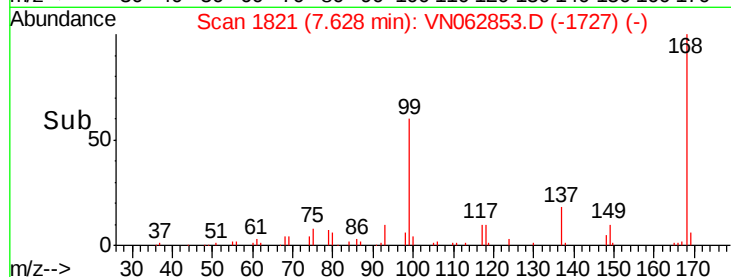
20000

10000

0

Time-->

7.55 7.60 7.65 7.70



#11

Tert butyl alcohol

Concen: 2.068 ug/l

RT: 4.70 min Scan# 910

Delta R.T. -0.05 min

Lab File: VN062853.D

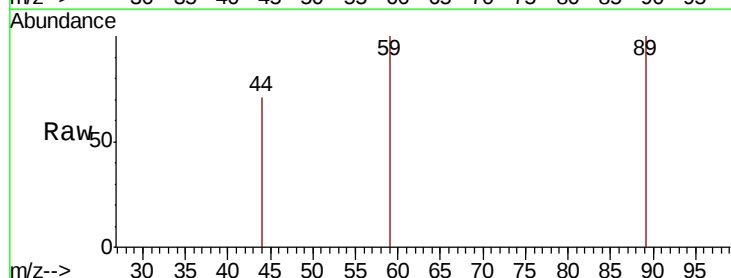
Acq: 12 Aug 2020 13:12

Tgt Ion: 59 Resp: 678

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.70

600

500

400

300

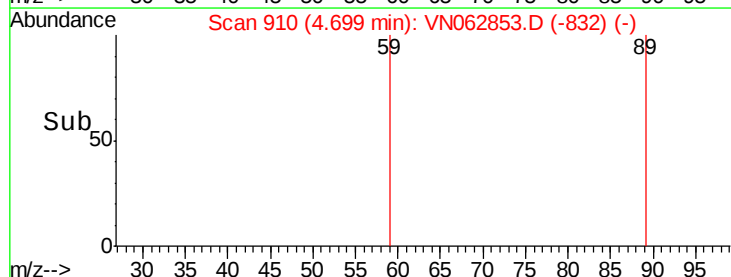
200

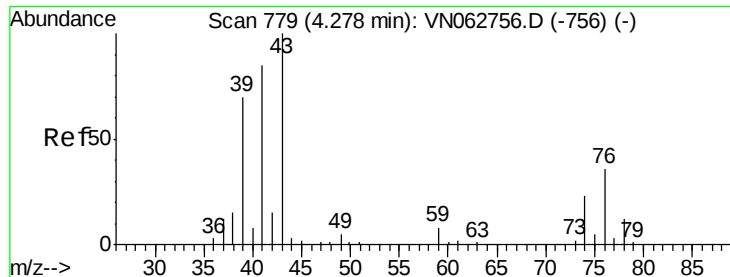
100

0

Time-->

4.68 4.70 4.72 4.74

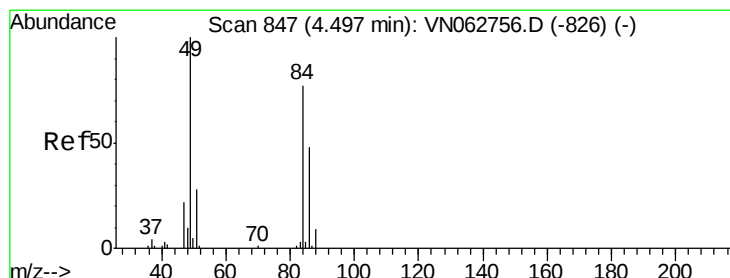
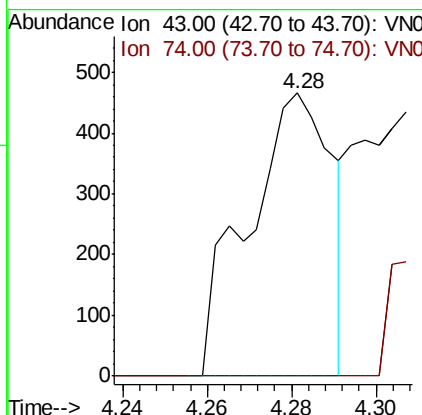
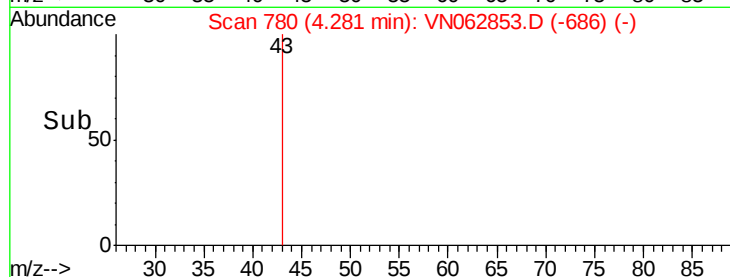
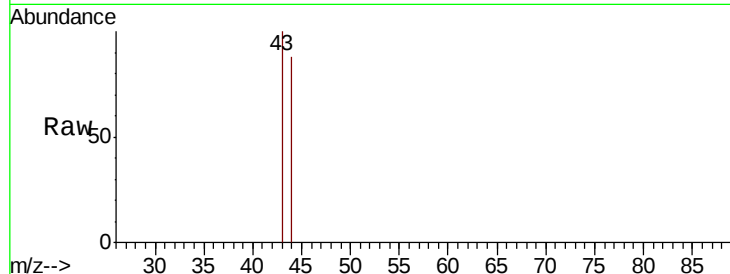




#18
Methyl Acetate
Concen: Below Cal
RT: 4.28 min Scan# 780
Delta R.T. 0.00 min
Lab File: VN062853.D
Acq: 12 Aug 2020 13:12

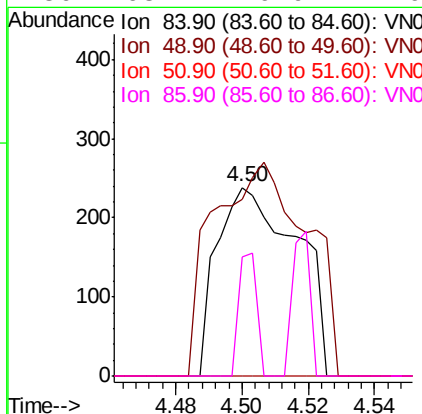
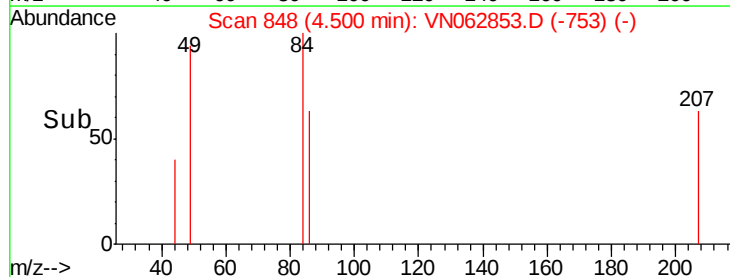
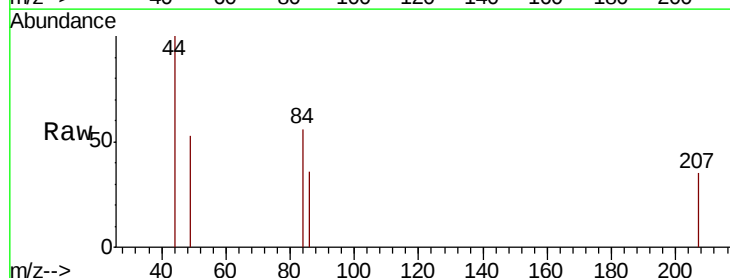
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-TB-20200810

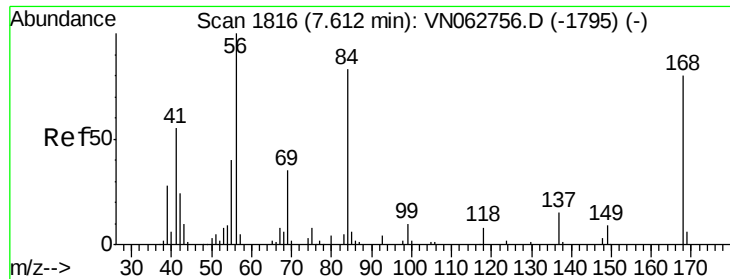
Tot Ion: 43 Resp: 642
Ion Ratio Lower Upper
43 100
74 0.0 18.6 28.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN062853.D
Acq: 12 Aug 2020 13:12

Tgt Ion: 84 Resp: 400
Ion Ratio Lower Upper
84 100
49 93.7 103.4 155.2#
51 0.0 29.3 43.9#
86 63.4 49.9 74.9

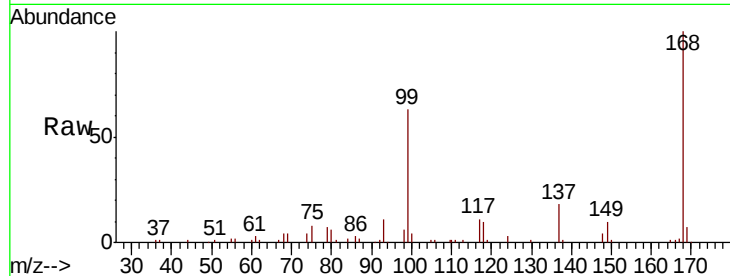




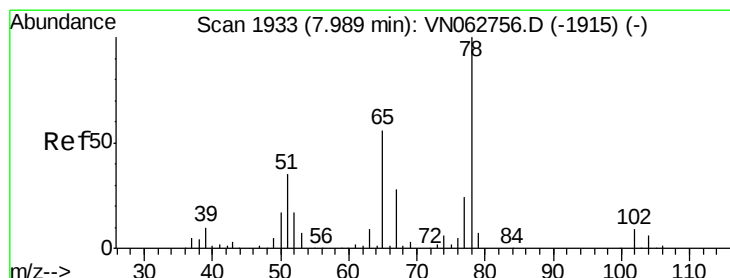
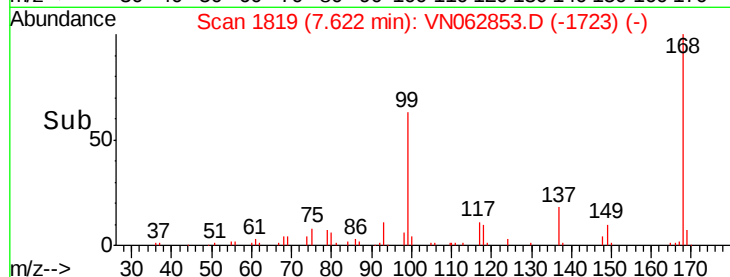
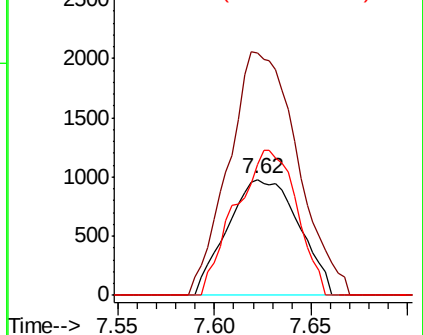
#31
Cyclohexane
Concen: 1.035 ug/l
RT: 7.62 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VN062853.D
Acq: 12 Aug 2020 13:12

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-TB-20200810

Tot Ion: 56 Resp: 2510
Ion Ratio Lower Upper
56 100
69 208.9 28.1 42.1#
84 112.9 66.8 100.2#

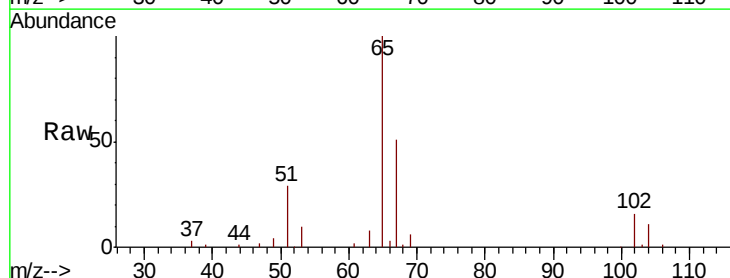


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

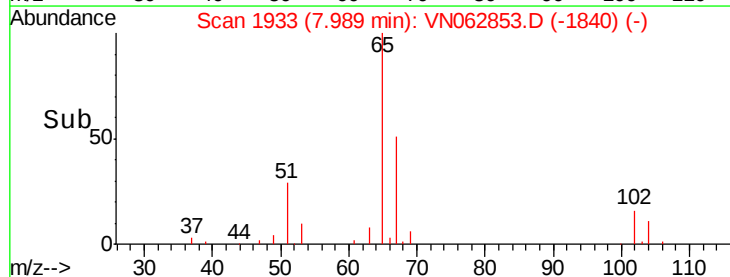
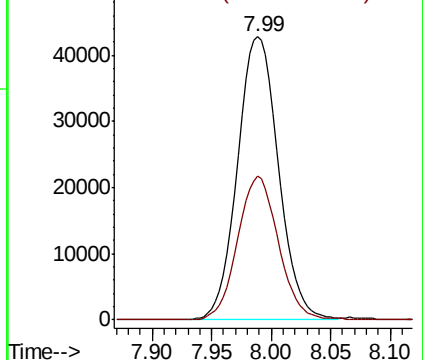


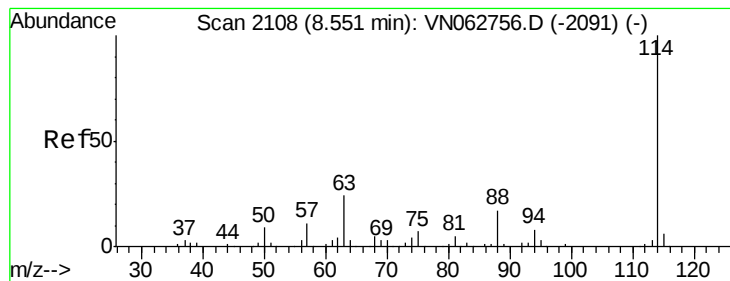
#33
1,2-Dichloroethane-d4
Concen: 51.145 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. -0.00 min
Lab File: VN062853.D
Acq: 12 Aug 2020 13:12

Tgt Ion: 65 Resp: 102284
Ion Ratio Lower Upper
65 100
67 50.3 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062853.D

Acq: 12 Aug 2020 13:12

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-TB-20200810

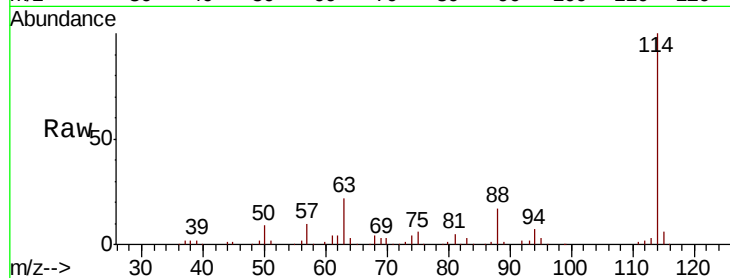
Tot Ion:114 Resp: 206000

Ion Ratio Lower Upper

114 100

63 21.8 0.0 47.6

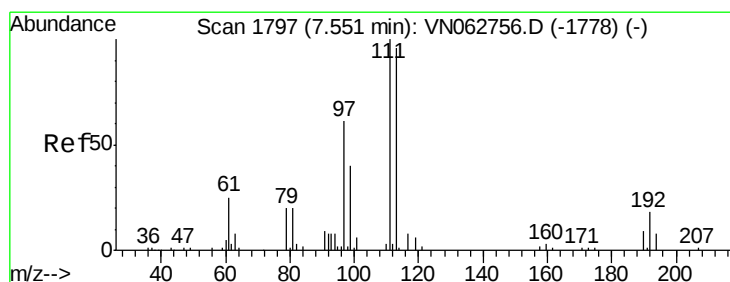
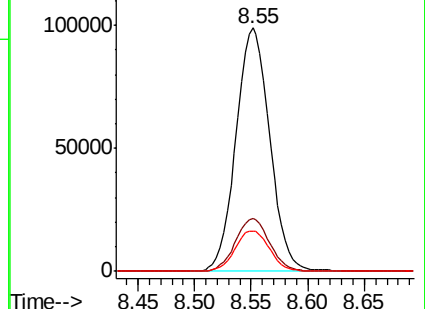
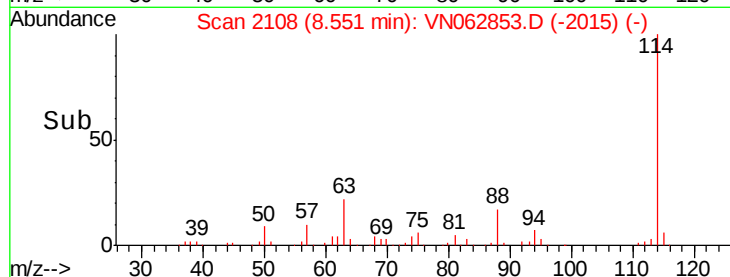
88 16.7 0.0 34.4



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: 53.157 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VN062853.D

Acq: 12 Aug 2020 13:12

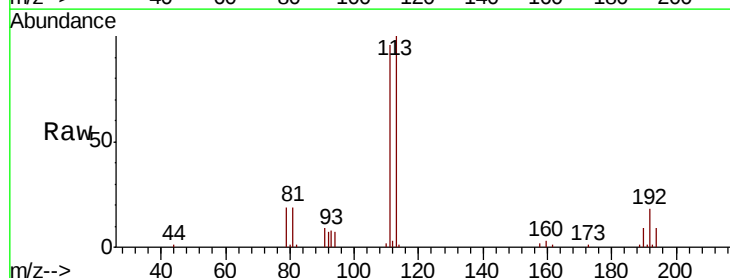
Tgt Ion:113 Resp: 74906

Ion Ratio Lower Upper

113 100

111 99.1 81.8 122.6

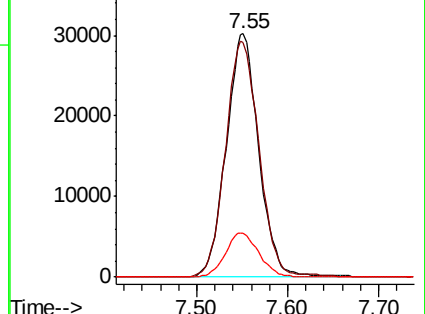
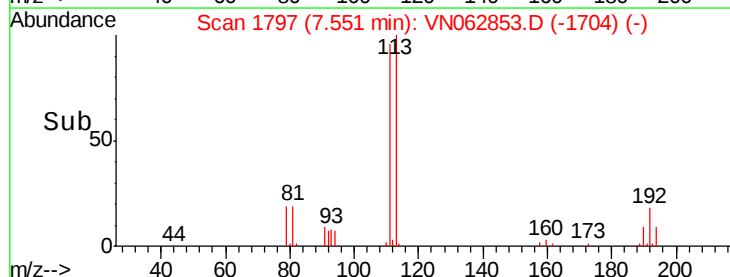
192 18.6 15.0 22.4

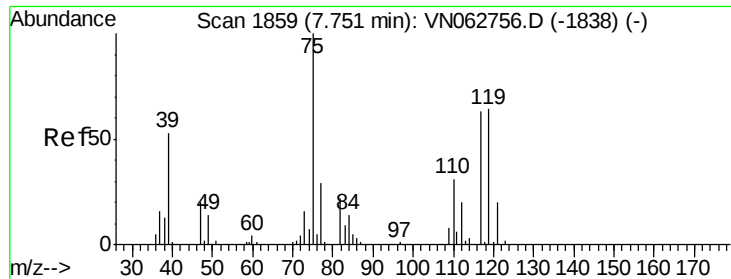


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

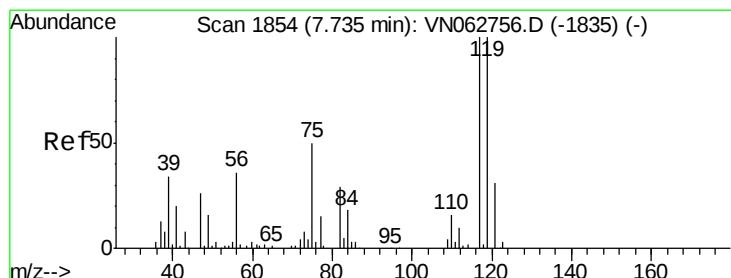
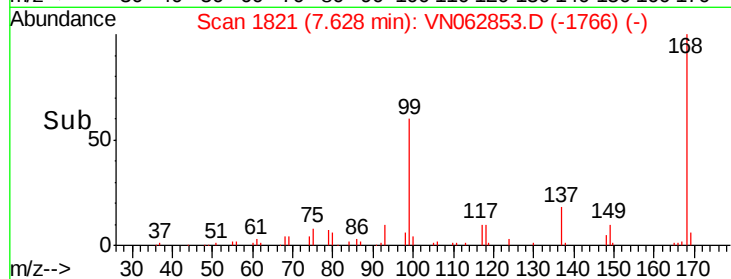
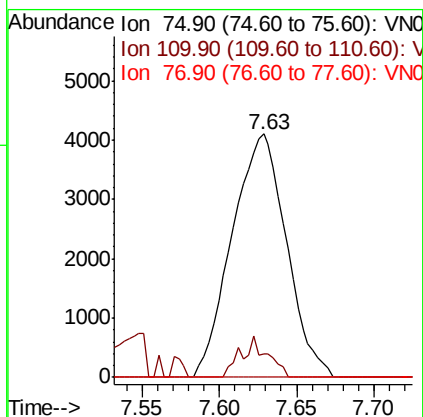
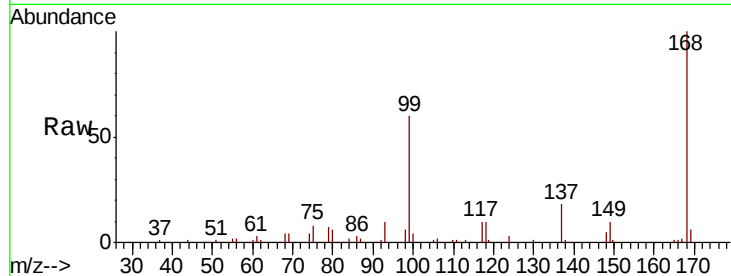




#36
 1,1-Dichloropropene
 Concen: 4.998 ug/l
 RT: 7.63 min Scan# 1821
 Delta R.T. -0.12 min
 Lab File: VN062853.D
 Acq: 12 Aug 2020 13:12

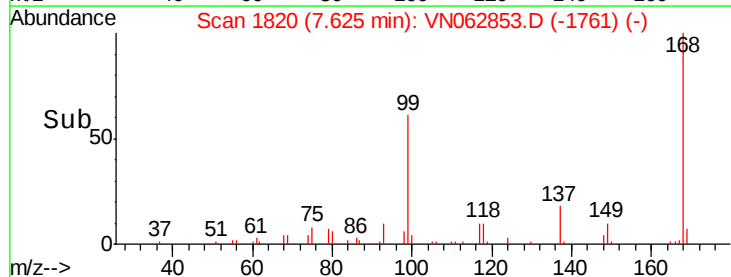
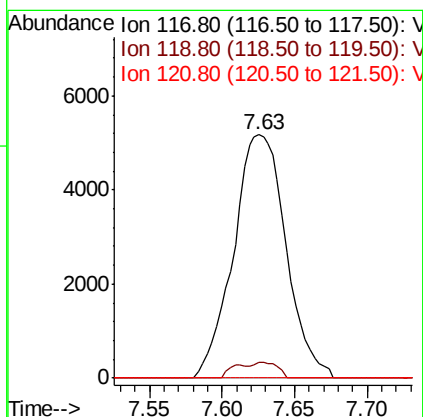
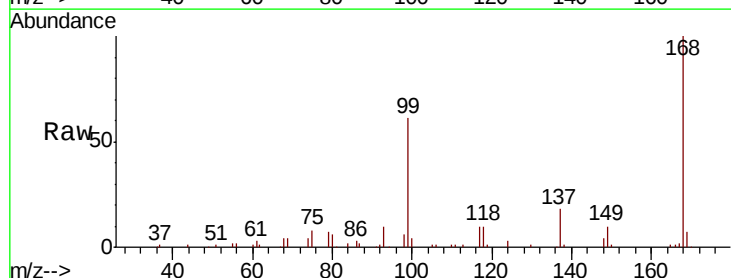
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-TB-20200810

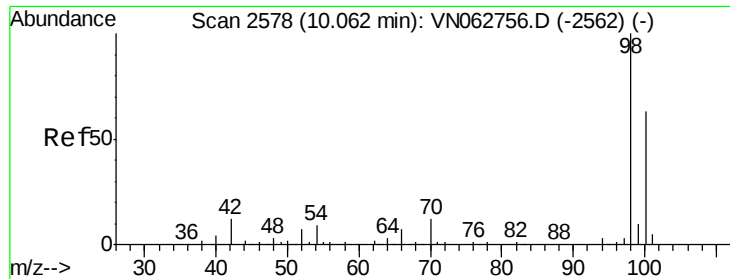
Tot Ion	75	Resp	10026
Ion Ratio	Lower	Upper	
75	100		
110	8.1	15.6	46.7#
77	0.0	24.1	36.1#



#38
 Carbon Tetrachloride
 Concen: 5.483 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.11 min
 Lab File: VN062853.D
 Acq: 12 Aug 2020 13:12

Tgt Ion	117	Resp	13007
Ion Ratio	Lower	Upper	
117	100		
119	6.2	79.4	119.2#
121	0.0	24.9	37.3#





#50

Toluene-d8

Concen: 48.718 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. -0.00 min

Lab File: VN062853.D

Acq: 12 Aug 2020 13:12

Instrument :

MSVOA_N

ClientSampleId :

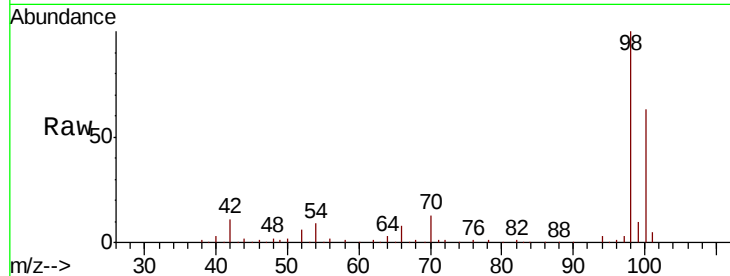
BP-VPB181-TB-20200810

Tot Ion: 98 Resp: 268019

Ion Ratio Lower Upper

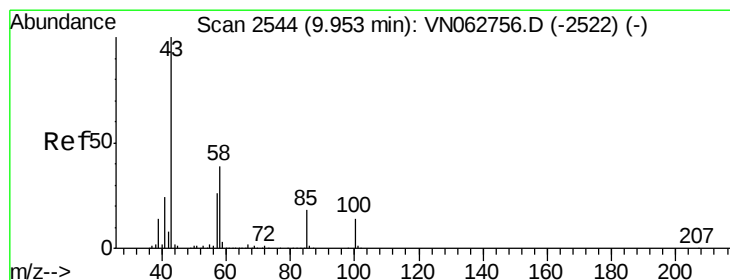
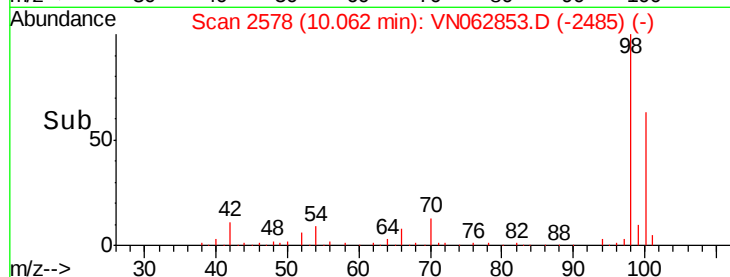
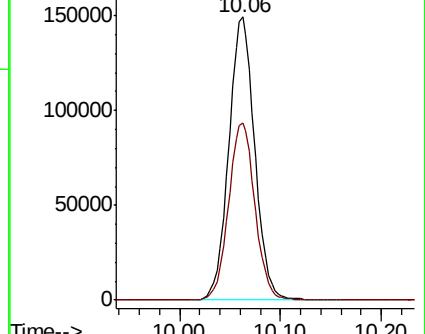
98 100

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



#51

4-Methyl-2-Pentanone

Concen: 0.639 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.11 min

Lab File: VN062853.D

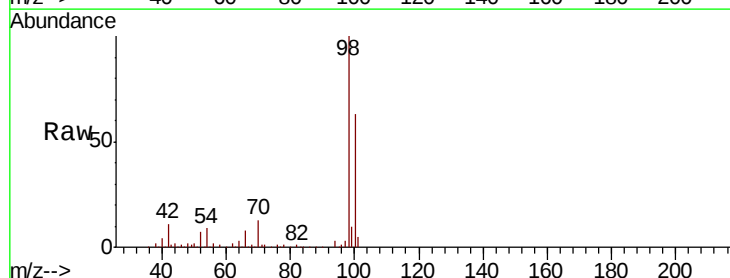
Acq: 12 Aug 2020 13:12

Tgt Ion: 43 Resp: 1446

Ion Ratio Lower Upper

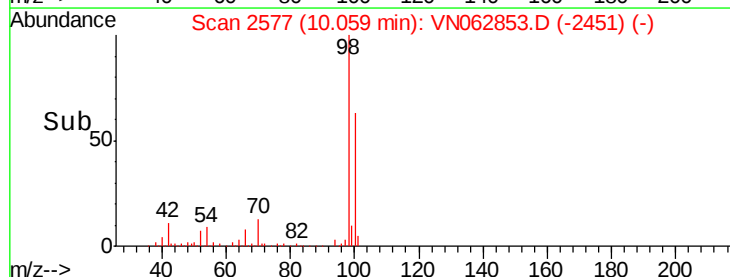
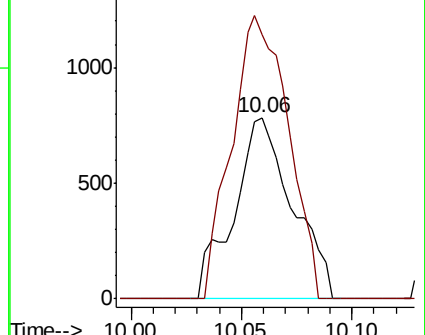
43 100

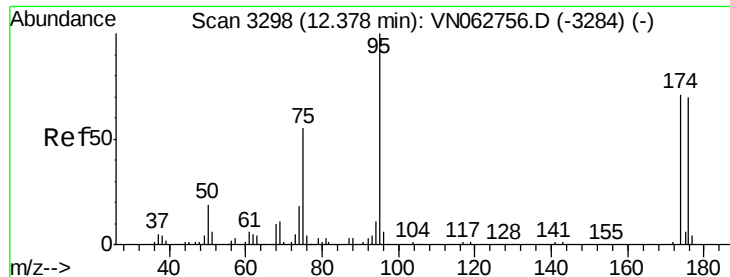
58 150.6 31.1 46.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

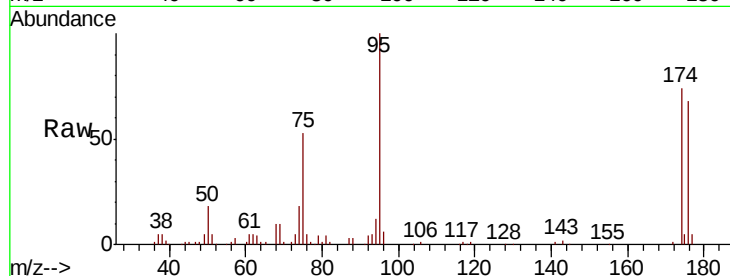




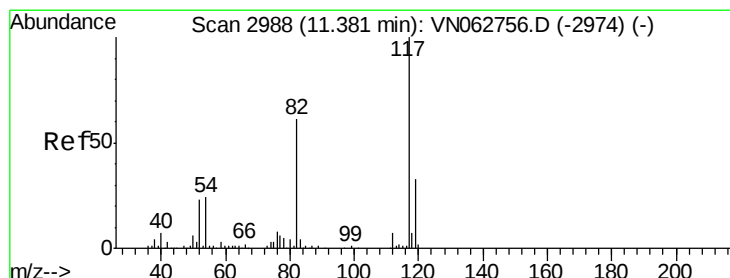
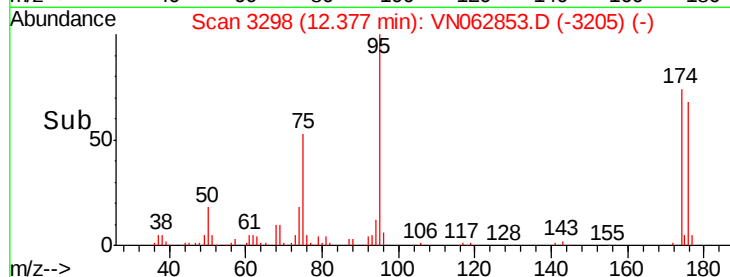
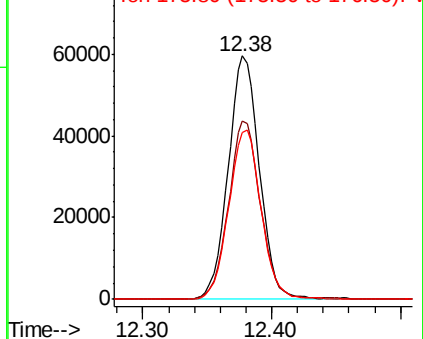
#62
4-Bromofluorobenzene
Concen: 48.226 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062853.D
Acq: 12 Aug 2020 13:12

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-TB-20200810

Tot Ion	95	Resp	100263
Ion	Ratio	Lower	Upper
95	100		
174	74.5	0.0	144.8
176	71.9	0.0	142.2

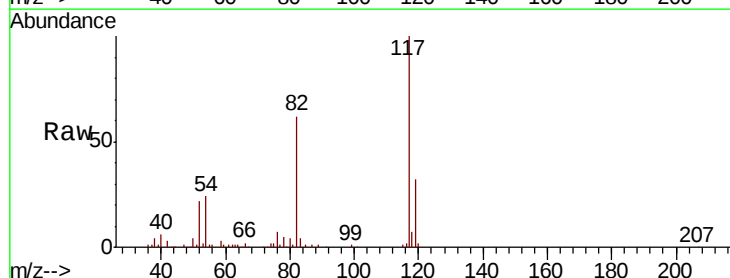


Abundance Ion 94.90 (94.60 to 95.60): VN062756.D (-3284) (-)

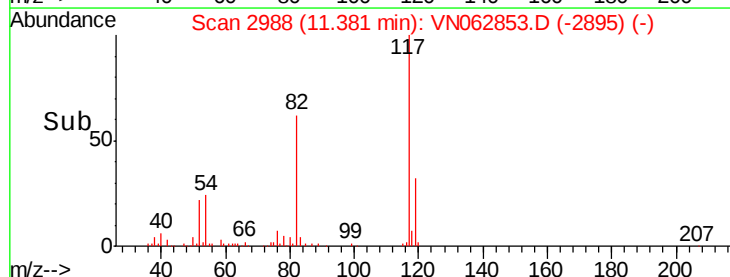
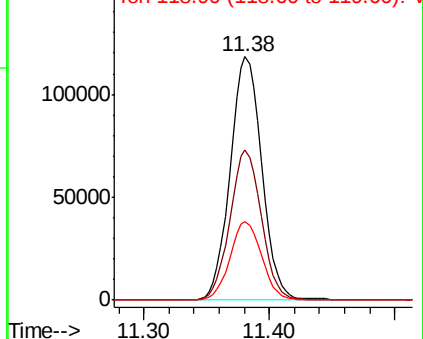


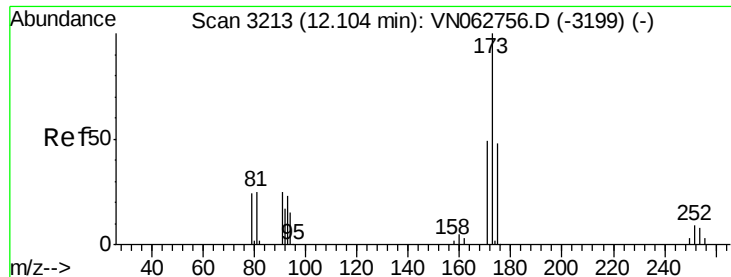
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062853.D
Acq: 12 Aug 2020 13:12

Tgt Ion	117	Resp	207592
Ion	Ratio	Lower	Upper
117	100		
82	61.6	49.0	73.4
119	32.3	26.2	39.2



Abundance Ion 116.90 (116.60 to 117.60): VN062756.D (-2974) (-)

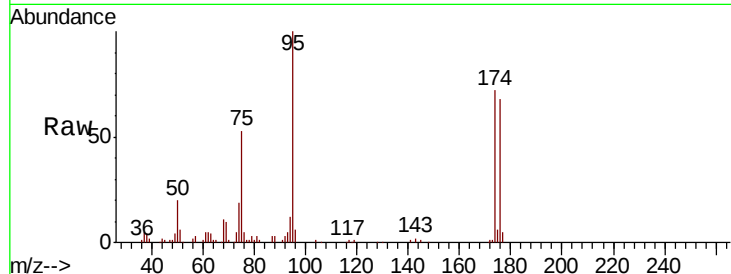




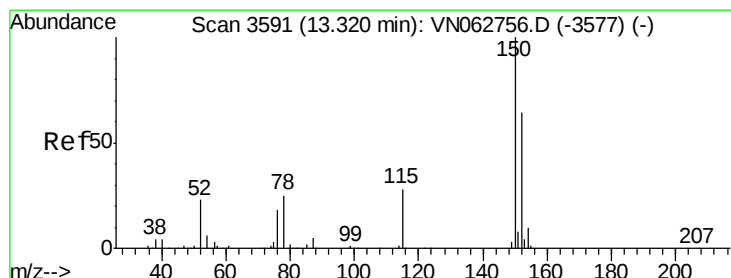
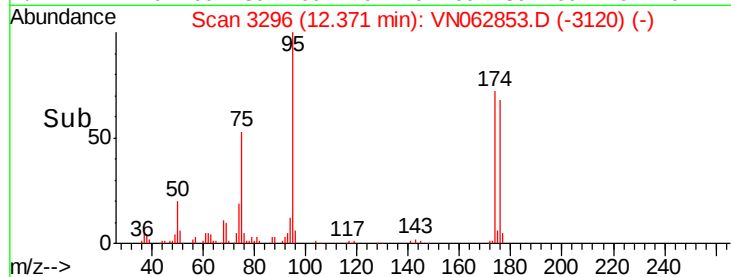
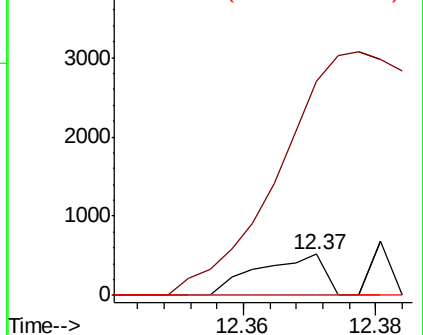
#71
Bromoform
Concen: 0.251 ug/l
RT: 12.37 min Scan# 3296
Delta R.T. 0.27 min
Lab File: VN062853.D
Acq: 12 Aug 2020 13:12

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-TB-20200810

Tot Ion:173 Resp: 358
Ion Ratio Lower Upper
173 100
175 0.0 24.0 72.0#
254 0.0 0.0 0.0

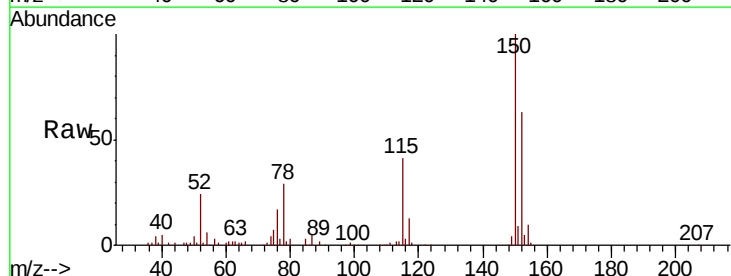


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

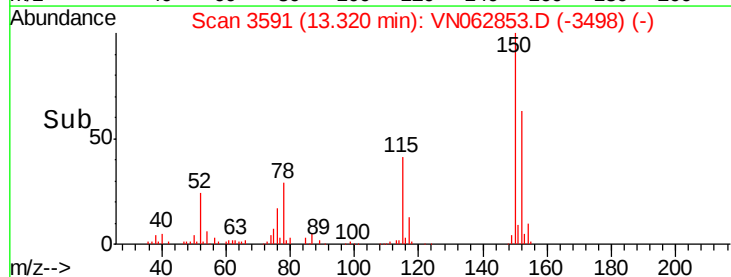
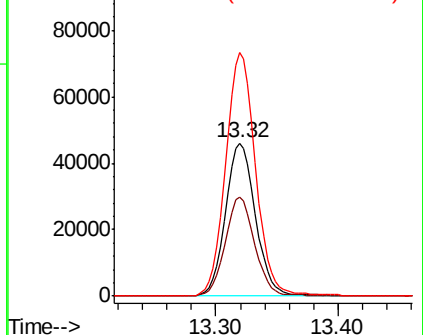


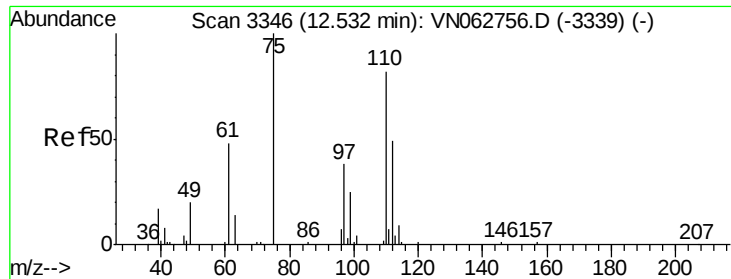
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. -0.00 min
Lab File: VN062853.D
Acq: 12 Aug 2020 13:12

Tgt Ion:152 Resp: 79446
Ion Ratio Lower Upper
152 100
115 63.8 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

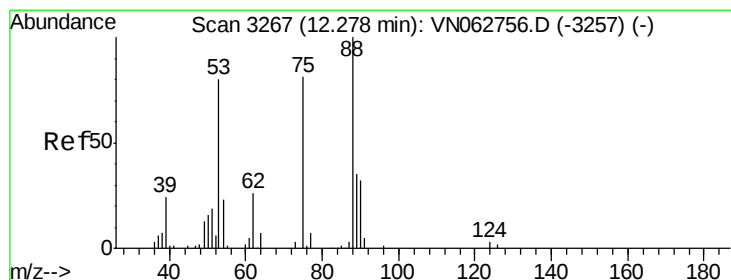
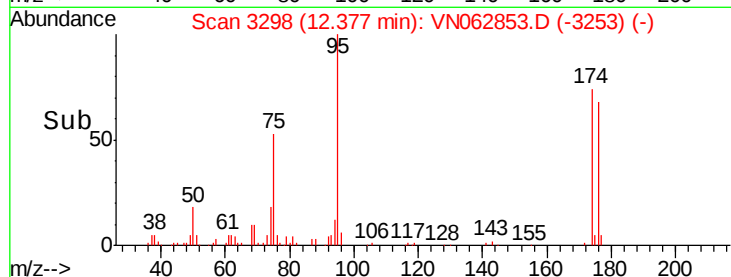
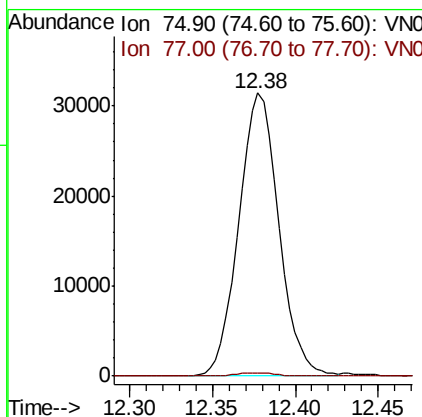
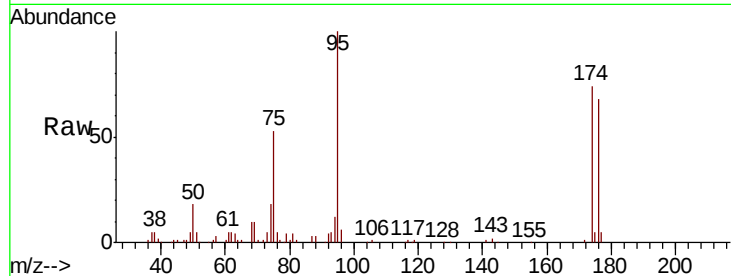




#76
 1,2,3-Trichloropropane
 Concen: 24.713 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.15 min
 Lab File: VN062853.D
 Acq: 12 Aug 2020 13:12

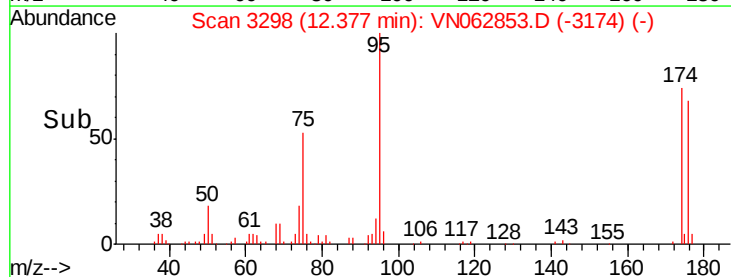
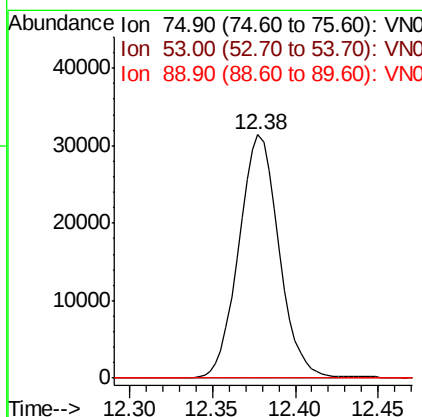
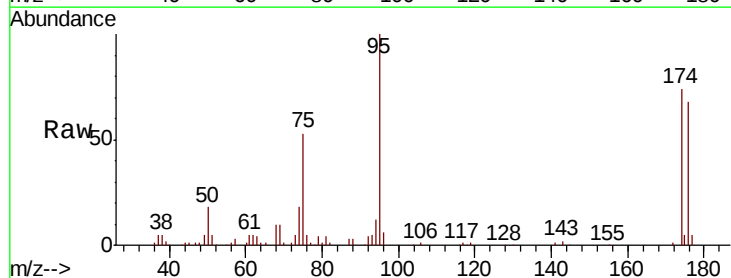
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-TB-20200810

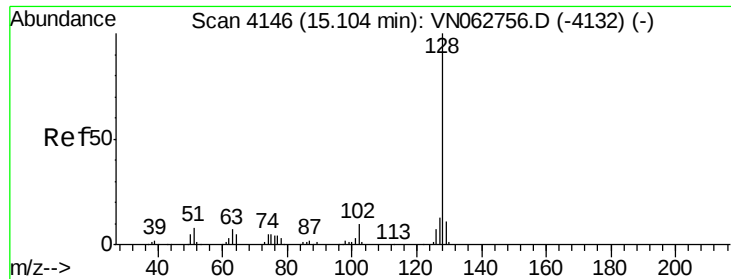
Tot Ion: 75 Resp: 52949
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.441 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.10 min
 Lab File: VN062853.D
 Acq: 12 Aug 2020 13:12

Tgt Ion: 75 Resp: 52949
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.1 118.7#
 89 0.0 36.2 54.2#





#95

Naphthalene

Concen: 3.749 ug/l

RT: 15.12 min Scan# 4151

Delta R.T. 0.02 min

Lab File: VN062853.D

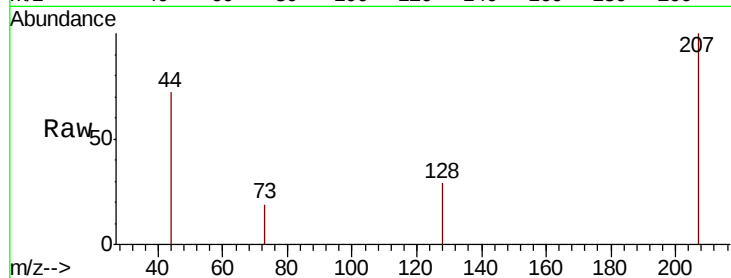
Acq: 12 Aug 2020 13:12

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-TB-20200810



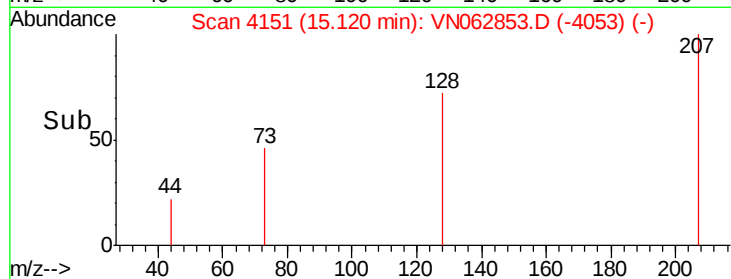
Tot Ion:128 Resp: 161

Ion Ratio Lower Upper

128 100

127 0.0 10.8 16.2#

129 0.0 8.8 13.2#



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

